

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042722\
 Data File : VD072717.D
 Acq On : 27 Apr 2022 15:35
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD042722

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/28/2022
 Supervised By : Mahesh Dadoda 04/28/2022

Quant Time: Apr 27 15:59:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D042722S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 27 14:36:42 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	347909	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	602782	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	573483	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	260759	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	226914	49.125	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.240%		
35) Dibromofluoromethane	7.908	113	200216	49.876	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.760%		
50) Toluene-d8	10.332	98	722707	49.939	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.880%		
62) 4-Bromofluorobenzene	12.620	95	259012	47.456	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	94.920%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	234420	49.443	ug/l	100
3) Chloromethane	2.209	50	257976	48.180	ug/l	97
4) Vinyl Chloride	2.350	62	240625	49.839	ug/l	99
5) Bromomethane	2.768	94	160052	51.320	ug/l	92
6) Chloroethane	2.920	64	148597	50.728	ug/l	97
7) Trichlorofluoromethane	3.273	101	389392	50.424	ug/l	99
8) Diethyl Ether	3.709	74	110253	48.178	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.097	101	219192	49.785	ug/l	97
10) Methyl Iodide	4.297	142	242996	47.148	ug/l	100
11) Tert butyl alcohol	5.209	59	72118	228.577	ug/l	95
12) 1,1-Dichloroethene	4.067	96	209887	50.935	ug/l	96
13) Acrolein	3.920	56	81997	209.627	ug/l	98
14) Allyl chloride	4.720	41	355866	51.008	ug/l	96
15) Acrylonitrile	5.414	53	249046	233.491	ug/l	99
16) Acetone	4.156	43	207964	229.736	ug/l	96
17) Carbon Disulfide	4.409	76	694747	50.195	ug/l	99
18) Methyl Acetate	4.714	43	116146	44.528	ug/l	94
19) Methyl tert-butyl Ether	5.479	73	500941	48.503	ug/l	98
20) Methylene Chloride	4.967	84	356749	58.205	ug/l	94
21) trans-1,2-Dichloroethene	5.467	96	242338	49.811	ug/l	92
22) Diisopropyl ether	6.361	45	753106	50.022	ug/l	93
23) Vinyl Acetate	6.303	43	2133670	250.977	ug/l	96
24) 1,1-Dichloroethane	6.261	63	432906	48.764	ug/l	99
25) 2-Butanone	7.208	43	316994	234.662	ug/l	96
26) 2,2-Dichloropropane	7.208	77	370671	50.615	ug/l	98
27) cis-1,2-Dichloroethene	7.208	96	266820	49.493	ug/l	95
28) Bromochloromethane	7.538	49	170866	49.420	ug/l	90
29) Tetrahydrofuran	7.556	42	207513	244.113	ug/l	97
30) Chloroform	7.703	83	452933	49.368	ug/l	96
31) Cyclohexane	7.985	56	400111	49.894	ug/l	95
32) 1,1,1-Trichloroethane	7.897	97	393516	50.618	ug/l	97
36) 1,1-Dichloropropene	8.108	75	337652	50.204	ug/l	97
37) Ethyl Acetate	7.285	43	147807	48.255	ug/l #	97
38) Carbon Tetrachloride	8.091	117	344880	50.737	ug/l	99
39) Methylcyclohexane	9.350	83	402096	51.629	ug/l	100
40) Benzene	8.350	78	960650	50.168	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.508	41	99190	56.444	ug/l	94
42) 1,2-Dichloroethane	8.420	62	288322	47.774	ug/l	98
43) Isopropyl Acetate	8.450	43	278917	47.920	ug/l	96
44) Trichloroethene	9.108	130	250338	49.415	ug/l	98
45) 1,2-Dichloropropane	9.379	63	246346	49.744	ug/l	99
46) Dibromomethane	9.467	93	131984	47.054	ug/l	98
47) Bromodichloromethane	9.655	83	347203	48.699	ug/l	99
48) Methyl methacrylate	9.450	41	144627	49.535	ug/l	95
49) 1,4-Dioxane	9.455	88	30623	989.201	ug/l	93
51) 4-Methyl-2-Pentanone	10.220	43	719306	240.470	ug/l	97
52) Toluene	10.397	92	603268	50.430	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	322152	48.965	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	385315	50.210	ug/l	90
55) 1,1,2-Trichloroethane	10.791	97	177819	47.097	ug/l	98
56) Ethyl methacrylate	10.655	69	224433	50.730	ug/l	90
57) 1,3-Dichloropropane	10.938	76	308170	47.849	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	600867	258.020	ug/l	98
59) 2-Hexanone	10.973	43	482348	240.488	ug/l	98
60) Dibromochloromethane	11.132	129	219290	47.307	ug/l	100
61) 1,2-Dibromoethane	11.238	107	171287	47.811	ug/l	98
64) Tetrachloroethene	10.867	164	194355	49.413	ug/l	95
65) Chlorobenzene	11.661	112	617743	48.797	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	231747	48.837	ug/l	99
67) Ethyl Benzene	11.738	91	1133060	50.978	ug/l	100
68) m/p-Xylenes	11.844	106	866419	102.224	ug/l	97
69) o-Xylene	12.173	106	406220	50.715	ug/l	100
70) Styrene	12.185	104	707881	51.927	ug/l	99
71) Bromoform	12.349	173	116461	45.720	ug/l #	97
73) Isopropylbenzene	12.467	105	1060721	53.216	ug/l	100
74) N-amyl acetate	12.279	43	263610	51.192	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	192678	48.233	ug/l	98
76) 1,2,3-Trichloropropane	12.767	75	120994m	41.119	ug/l	
77) Bromobenzene	12.749	156	237652	50.072	ug/l	98
78) n-propylbenzene	12.808	91	1335032	53.590	ug/l	99
79) 2-Chlorotoluene	12.896	91	756675	51.905	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	894956	53.105	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	63075	49.809	ug/l	93
82) 4-Chlorotoluene	12.991	91	805263	52.475	ug/l	98
83) tert-Butylbenzene	13.208	119	750482	53.239	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	882663	52.452	ug/l	99
85) sec-Butylbenzene	13.390	105	1133264	53.218	ug/l	99
86) p-Isopropyltoluene	13.502	119	935023	53.645	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	468040	50.123	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	459403	49.321	ug/l	99
89) n-Butylbenzene	13.826	91	907542	53.518	ug/l	99
90) Hexachloroethane	14.096	117	183801	52.584	ug/l	93
91) 1,2-Dichlorobenzene	13.873	146	402303	49.108	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	30964	47.217	ug/l	93
93) 1,2,4-Trichlorobenzene	15.143	180	242737	51.003	ug/l	99
94) Hexachlorobutadiene	15.249	225	128241	50.750	ug/l	97
95) Naphthalene	15.385	128	458598	51.172	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	209556	49.955	ug/l	99

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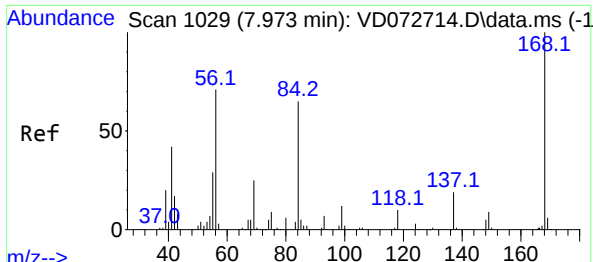
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



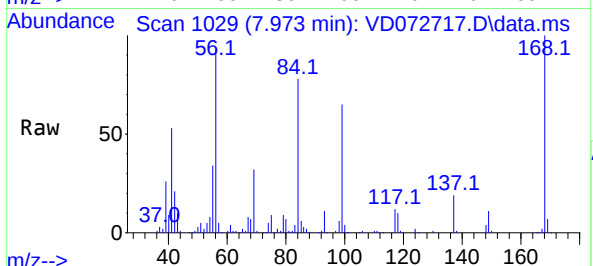
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072717.D
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Instrument :

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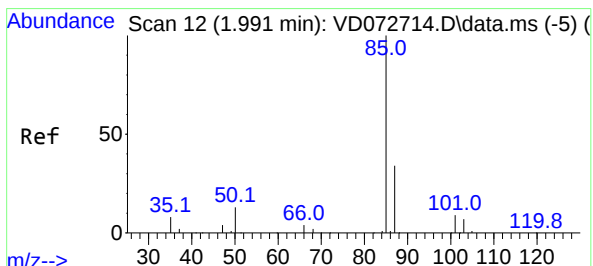
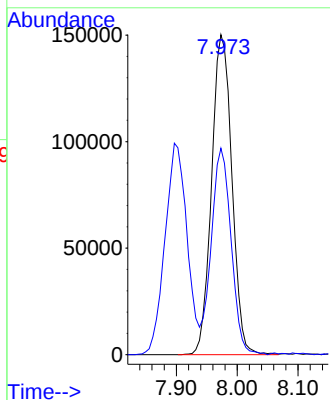
Tgt Ion:168 Resp: 347909
Ion Ratio Lower Upper
168 100
99 64.2 49.8 74.6

Manual Integrations

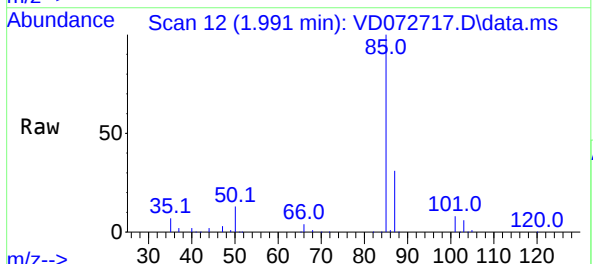
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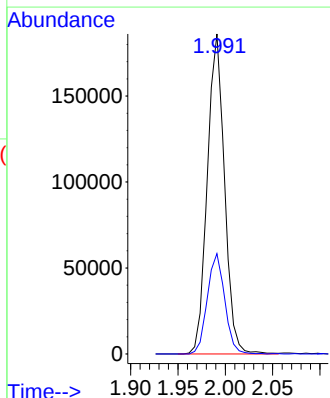
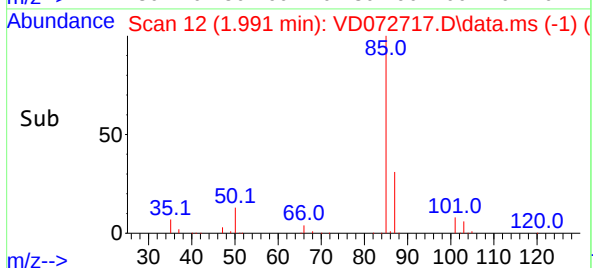
Supervised By :Mahesh Dadoda 04/28/2022



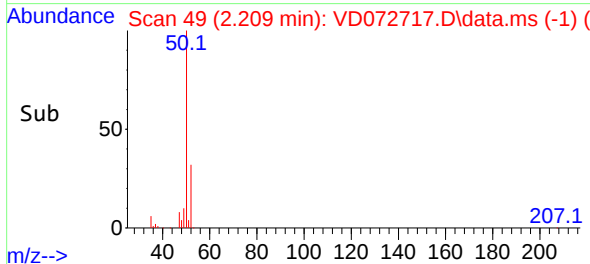
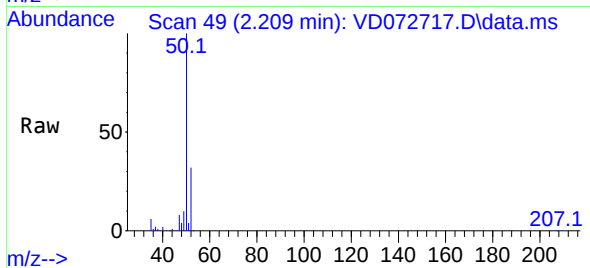
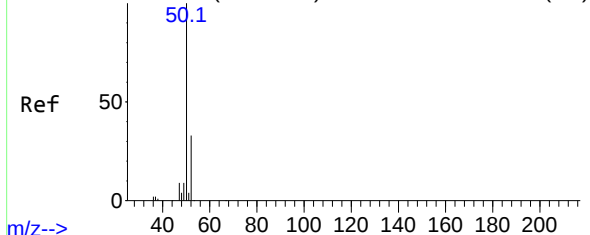
#2
Dichlorodifluoromethane
Concen: 49.443 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD072717.D
Acq: 27 Apr 2022 15:35



Tgt Ion: 85 Resp: 234420
Ion Ratio Lower Upper
85 100
87 31.4 15.7 47.0



Abundance Scan 49 (2.209 min): VD072714.D\data.ms (-43)



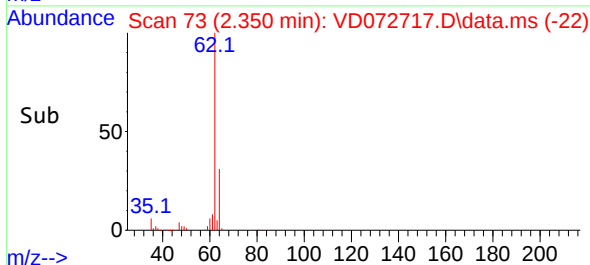
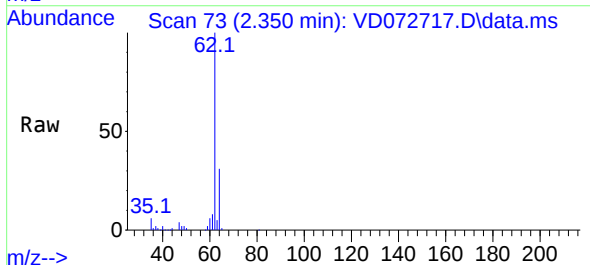
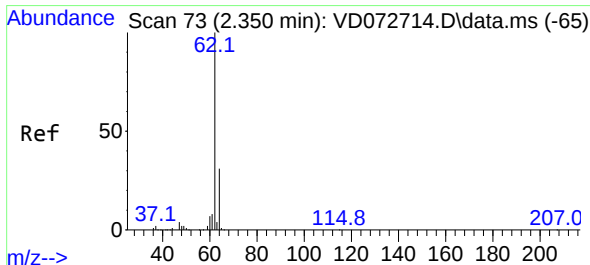
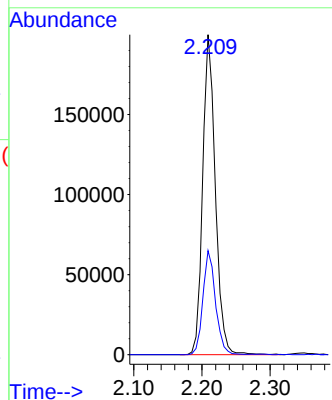
#3
Chloromethane
Concen: 48.180 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD072717.D
Acq: 27 Apr 2022 15:35

Tgt Ion: 50 Resp: 257970
Ion Ratio Lower Upper
50 100
52 32.5 27.4 41.0

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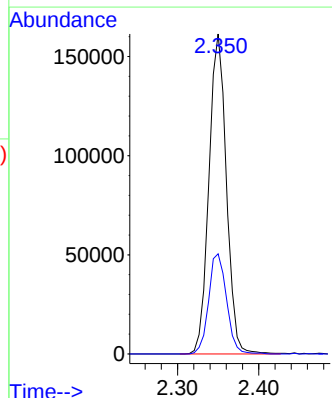
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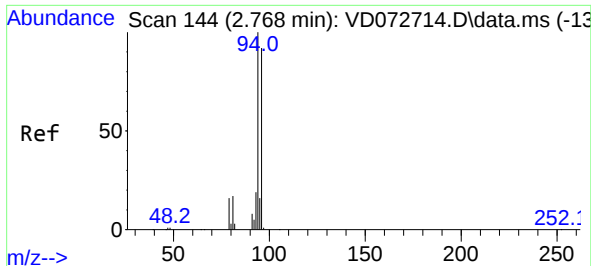
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#4
Vinyl Chloride
Concen: 49.839 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD072717.D
Acq: 27 Apr 2022 15:35

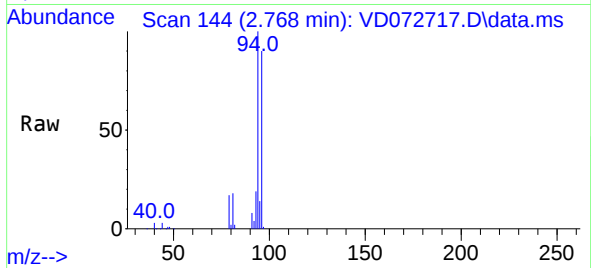
Tgt Ion: 62 Resp: 240625
Ion Ratio Lower Upper
62 100
64 31.3 25.4 38.0





#5
Bromomethane
Concen: 51.320 ug/l
RT: 2.768 min Scan# 144
Delta R.T. -0.000 min
Lab File: VD072717.D
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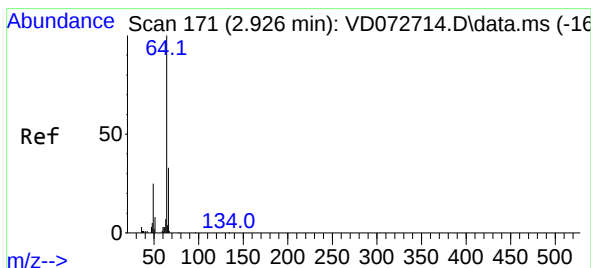
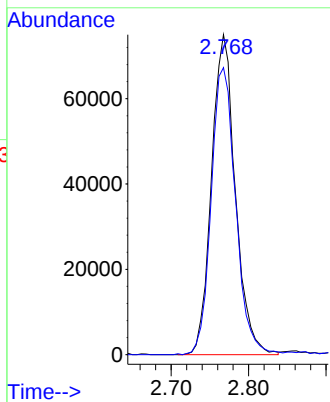
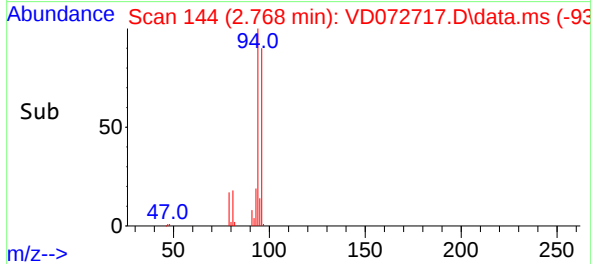
Instrument :
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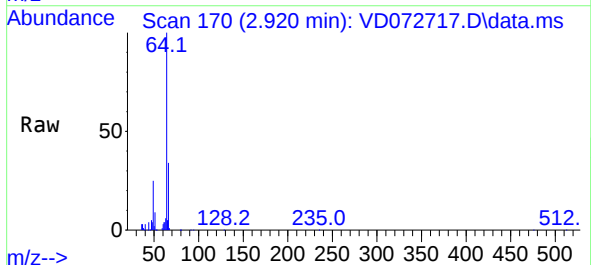
Tgt Ion: 94 Resp: 160052
Ion Ratio Lower Upper
94 100
96 89.4 77.6 116.4

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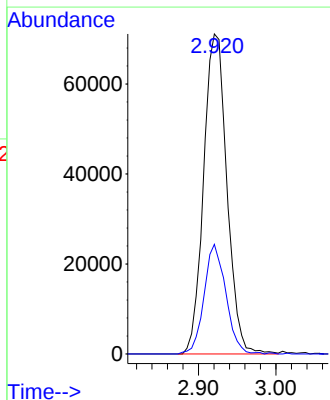
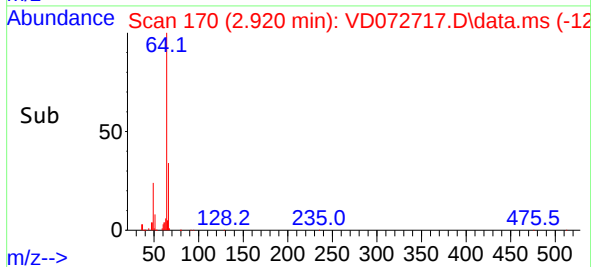
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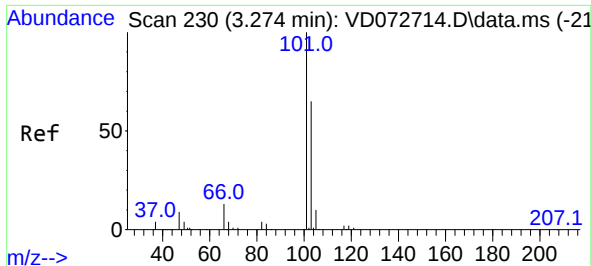


#6
Chloroethane
Concen: 50.728 ug/l
RT: 2.920 min Scan# 170
Delta R.T. -0.006 min
Lab File: VD072717.D
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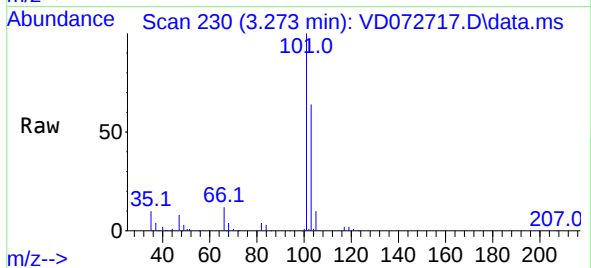
Tgt Ion: 64 Resp: 148597
Ion Ratio Lower Upper
64 100
66 34.3 25.9 38.9





#7
Trichlorofluoromethane
Concen: 50.424 ug/l
RT: 3.273 min Scan# 21
Delta R.T. -0.001 min
Lab File: VD072717.D
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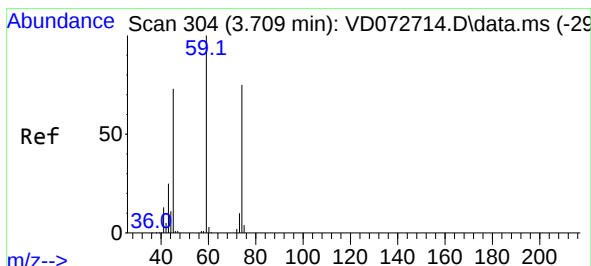
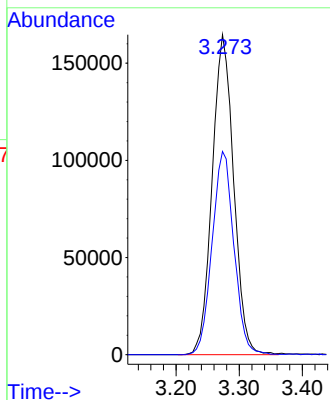
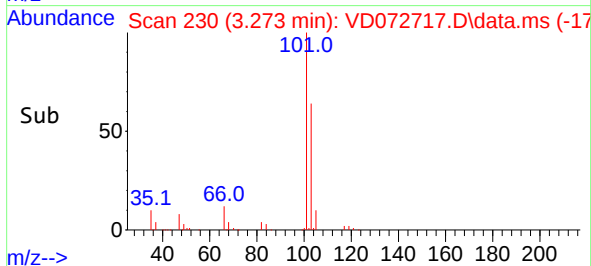
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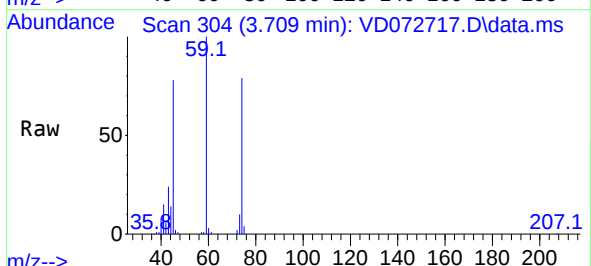
Tgt Ion:101 Resp: 389392
Ion Ratio Lower Upper
101 100
103 63.5 50.1 75.1

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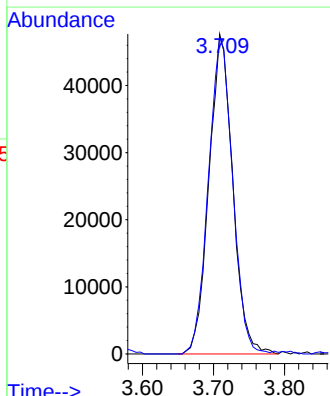
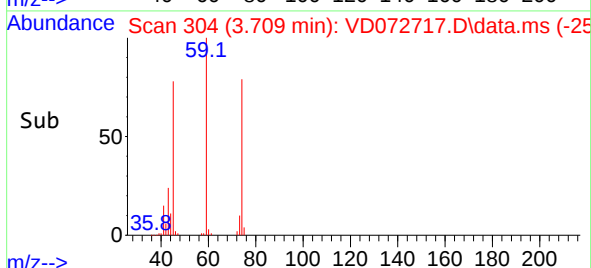
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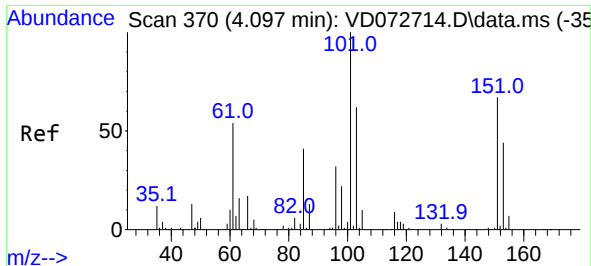


#8
Diethyl Ether
Concen: 48.178 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 110253
Ion Ratio Lower Upper
74 100
45 101.3 52.6 157.8





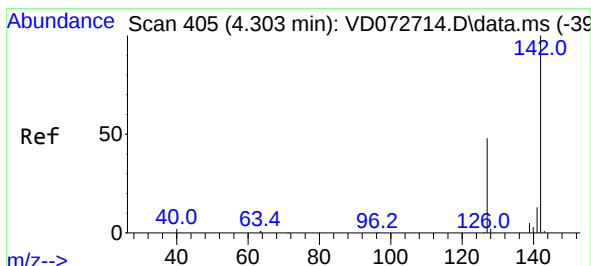
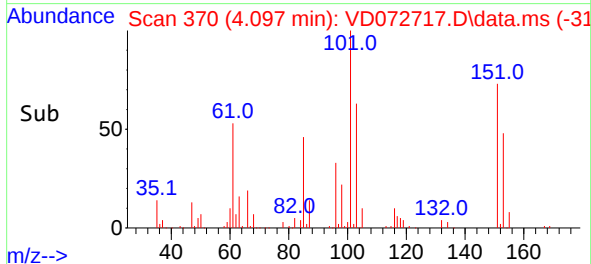
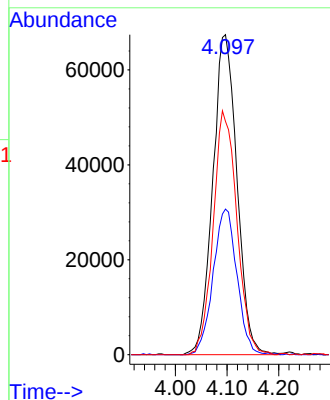
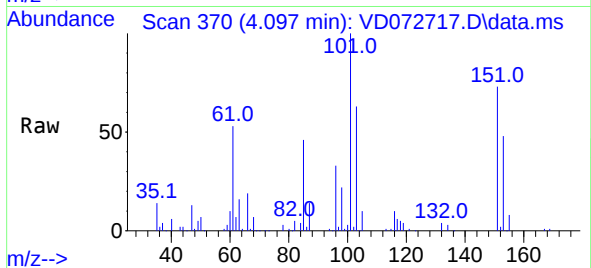
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.785 ug/l
RT: 4.097 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD072717.D
Acq: 27 Apr 2022 15:35

Instrument :
MSVOA_D
ClientSampleId :
ICVVD042722

Tgt Ion:101 Resp: 21919
Ion Ratio Lower Upper
101 100
85 44.9 36.4 54.6
151 74.7 57.3 85.9

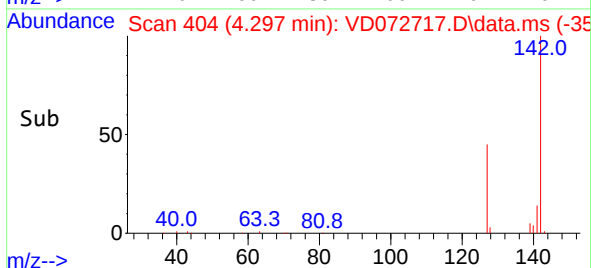
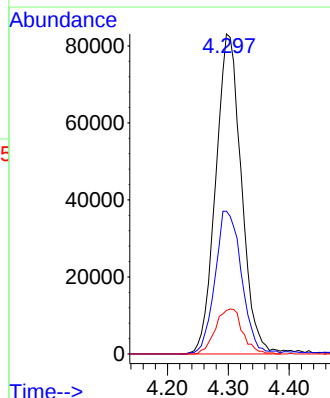
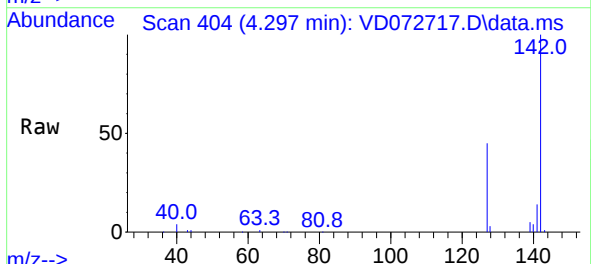
Manual Integrations
APPROVED

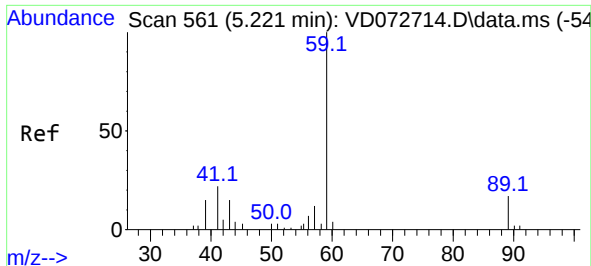
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#10
Methyl Iodide
Concen: 47.148 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD072717.D
Acq: 27 Apr 2022 15:35

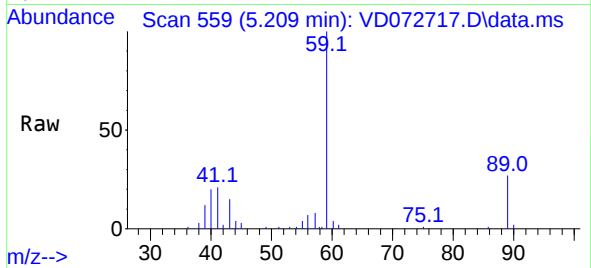
Tgt Ion:142 Resp: 242996
Ion Ratio Lower Upper
142 100
127 46.3 37.3 55.9
141 14.8 11.7 17.5





#11
Tert butyl alcohol
Concen: 228.577 ug/l
RT: 5.209 min Scan# 511
Delta R.T. -0.012 min
Lab File: VD072717.D
Acq: 27 Apr 2022 15:35

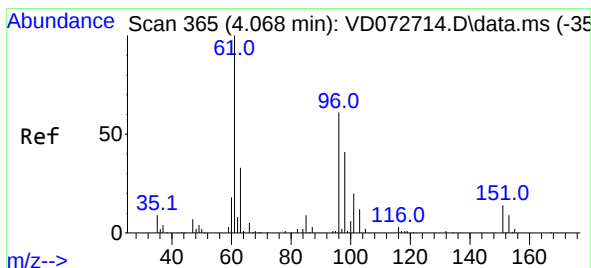
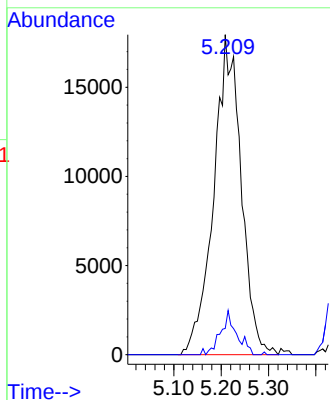
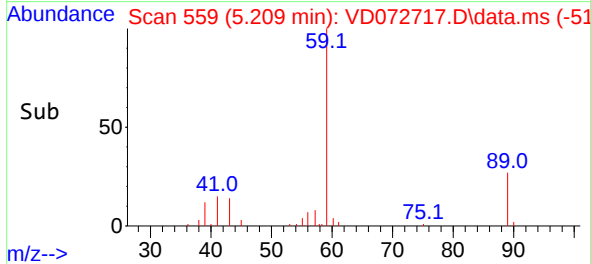
Instrument :
MSVOA_D
ClientSampleId :
ICVVD042722



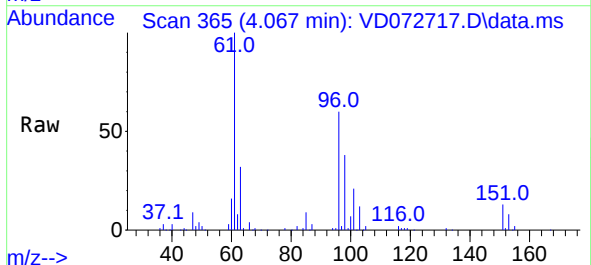
Tgt Ion: 59 Resp: 72118
Ion Ratio Lower Upper
59 100
57 7.9 7.8 11.6

Manual Integrations
APPROVED

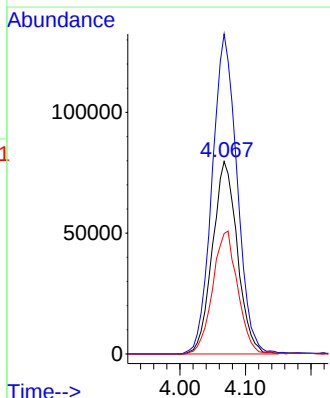
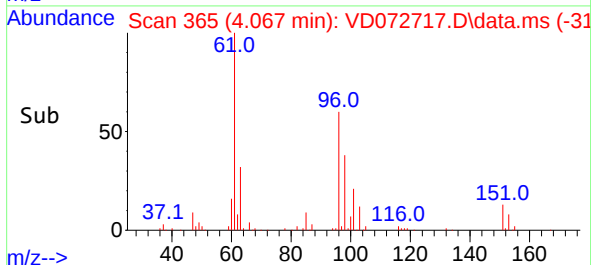
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

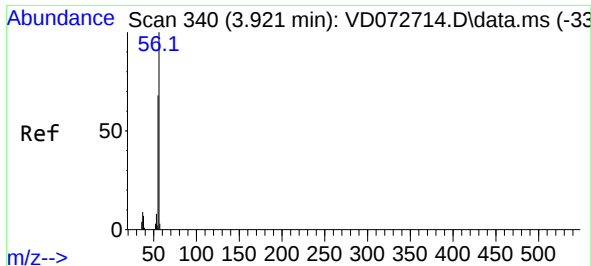


#12
1,1-Dichloroethene
Concen: 50.935 ug/l
RT: 4.067 min Scan# 365
Delta R.T. -0.001 min
Lab File: VD072717.D
Acq: 27 Apr 2022 15:35



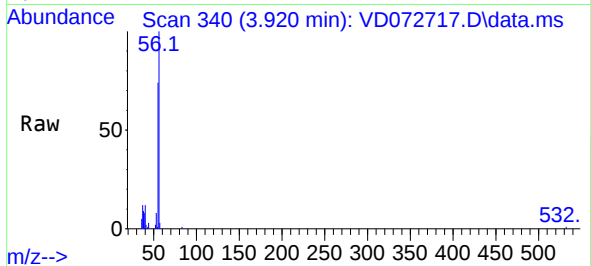
Tgt Ion: 96 Resp: 209887
Ion Ratio Lower Upper
96 100
61 166.2 138.5 207.7
98 62.6 48.6 73.0





#13
Acrolein
Concen: 209.627 ug/l
RT: 3.920 min Scan# 34
Delta R.T. -0.001 min
Lab File: VD072717.D
Acq: 27 Apr 2022 15:35

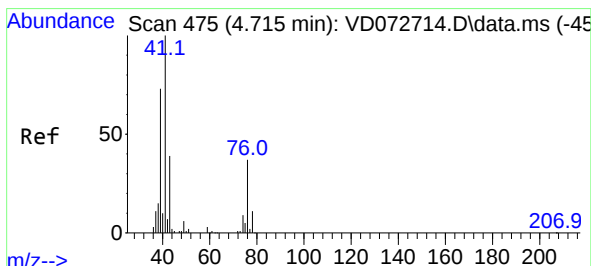
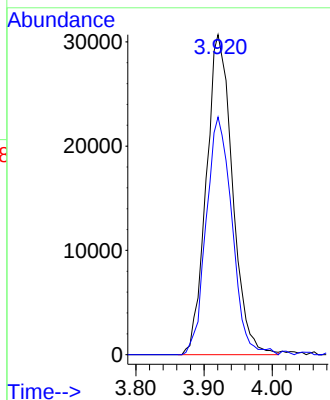
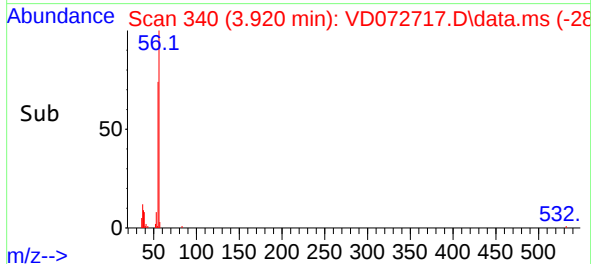
Instrument :
MSVOA_D
ClientSampleId :
ICVVD042722



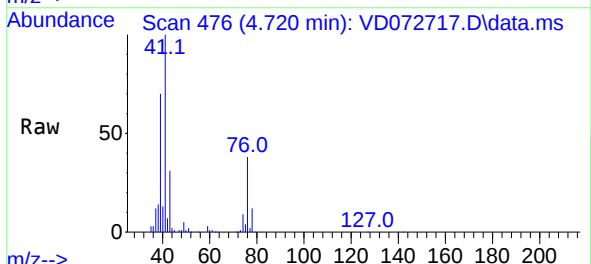
Tgt Ion: 56 Resp: 8199
Ion Ratio Lower Upper
56 100
55 73.2 57.1 85.7

Manual Integrations
APPROVED

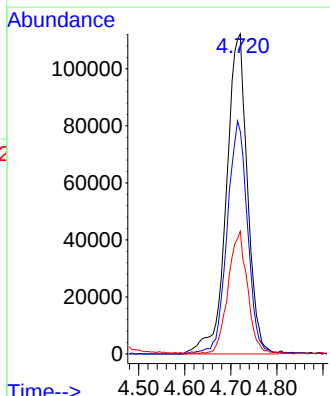
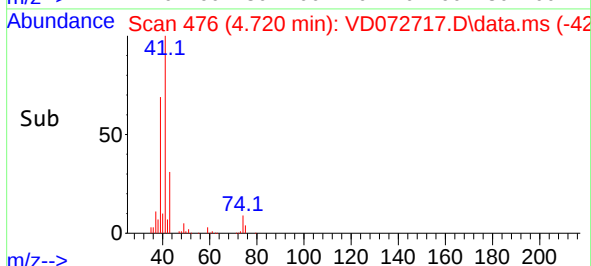
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

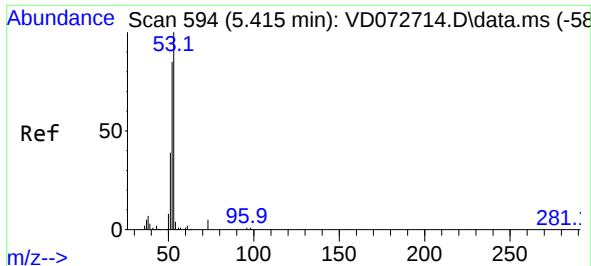


#14
Allyl chloride
Concen: 51.008 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.005 min
Lab File: VD072717.D
Acq: 27 Apr 2022 15:35



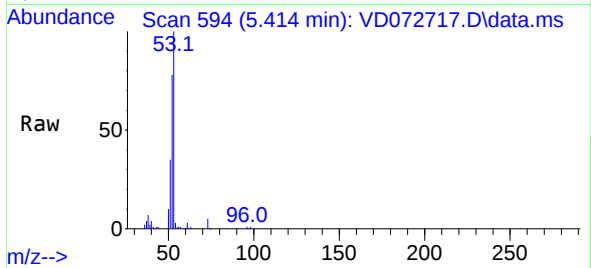
Tgt Ion: 41 Resp: 355866
Ion Ratio Lower Upper
41 100
39 70.6 59.3 88.9
76 34.9 25.7 38.5





#15
Acrylonitrile
Concen: 233.491 ug/l
RT: 5.414 min Scan# 594
Delta R.T. -0.001 min
Lab File: VD072717.D
Acq: 27 Apr 2022 15:35

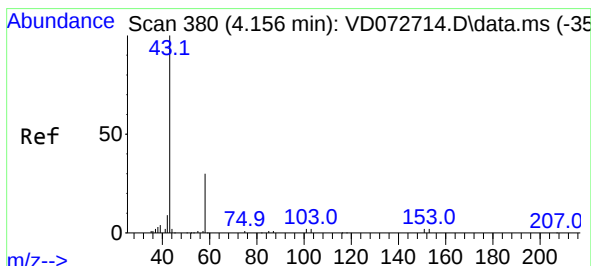
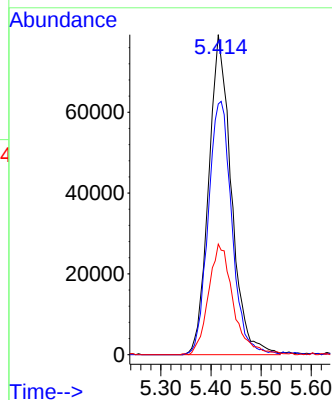
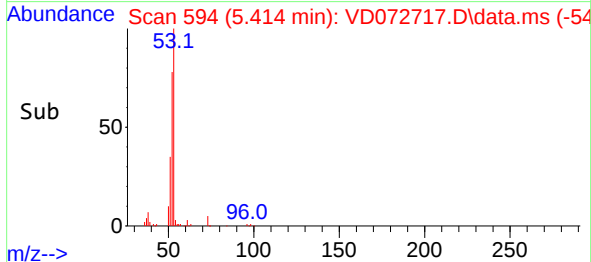
Instrument :
MSVOA_D
ClientSampleId :
ICVVD042722



Tgt Ion: 53 Resp: 249040
Ion Ratio Lower Upper
53 100
52 82.4 67.2 100.8
51 37.7 30.3 45.5

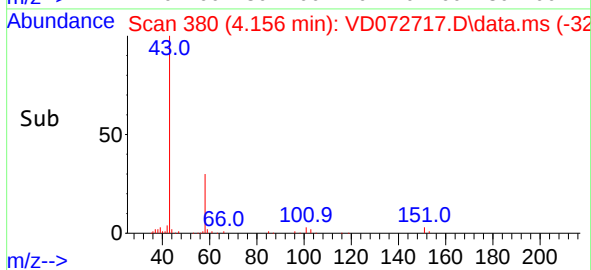
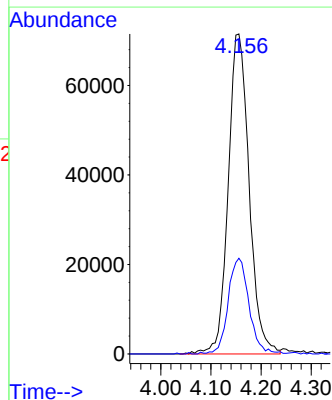
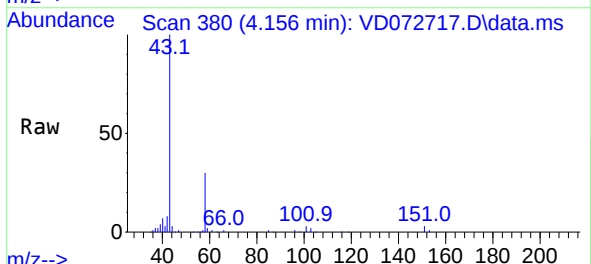
Manual Integrations
APPROVED

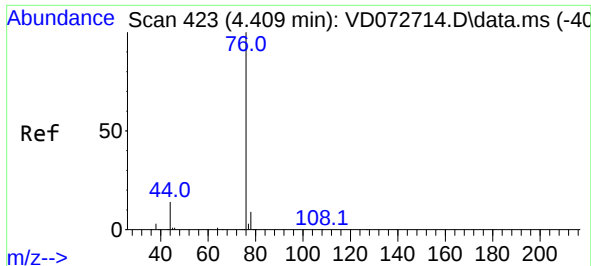
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#16
Acetone
Concen: 229.736 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD072717.D
Acq: 27 Apr 2022 15:35

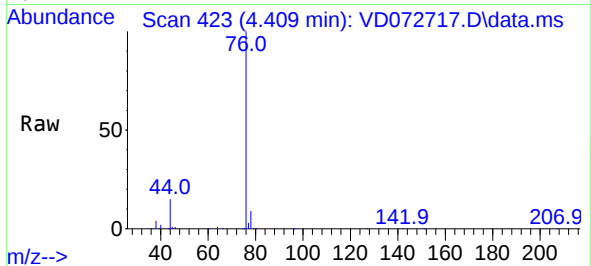
Tgt Ion: 43 Resp: 207964
Ion Ratio Lower Upper
43 100
58 29.9 22.1 33.1





#17
Carbon Disulfide
Concen: 50.195 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD072717.D
Acq: 27 Apr 2022 15:35

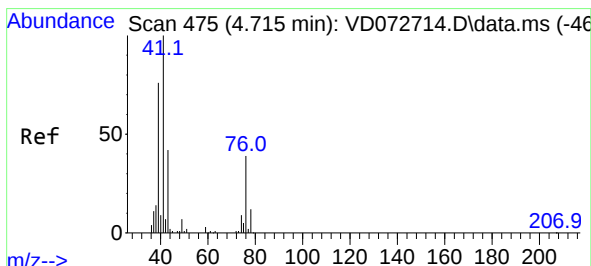
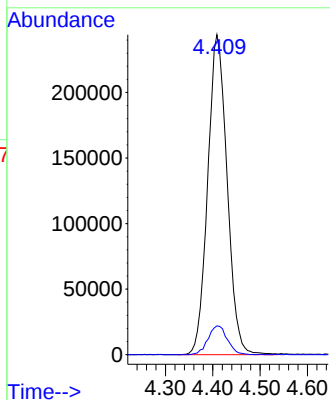
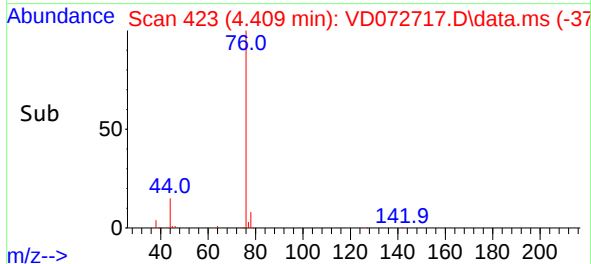
Instrument :
MSVOA_D
ClientSampleId :
ICVVD042722



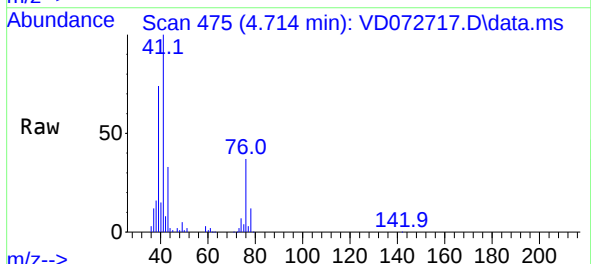
Tgt Ion: 76 Resp: 69474
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3

Manual Integrations
APPROVED

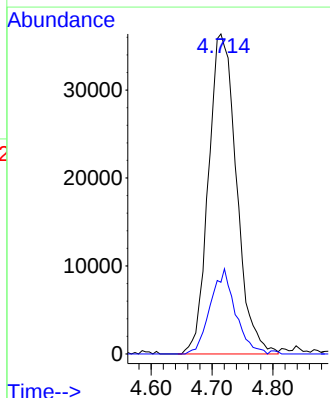
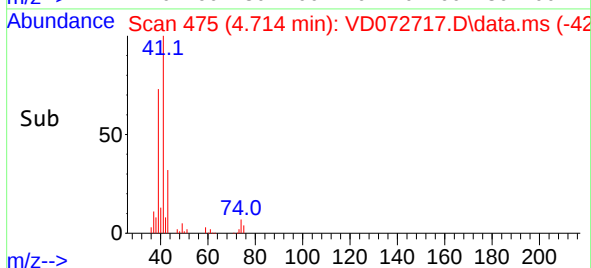
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

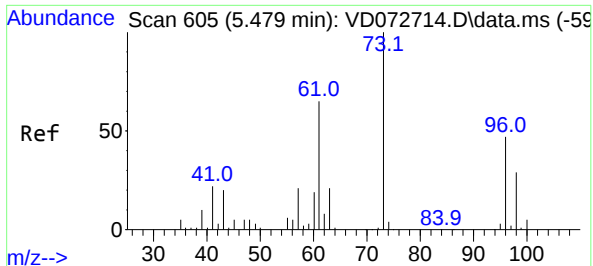


#18
Methyl Acetate
Concen: 44.528 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.001 min
Lab File: VD072717.D
Acq: 27 Apr 2022 15:35



Tgt Ion: 43 Resp: 116146
Ion Ratio Lower Upper
43 100
74 23.9 16.7 25.1





#19

Methyl tert-butyl Ether

Concen: 48.503 ug/l

RT: 5.479 min Scan# 605

Delta R.T. 0.000 min

Lab File: VD072717.D

Acq: 27 Apr 2022 15:35

Instrument :

MSVOA_D

ClientSampleId :

ICVVD042722

Tgt Ion: 73 Resp: 50094

Ion Ratio Lower Upper

73 100

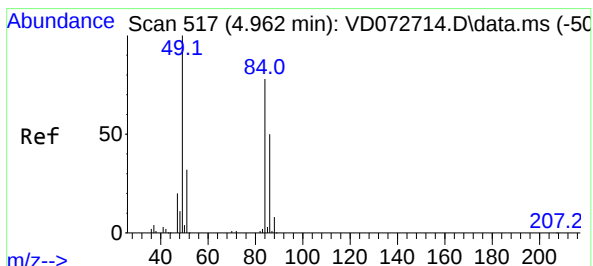
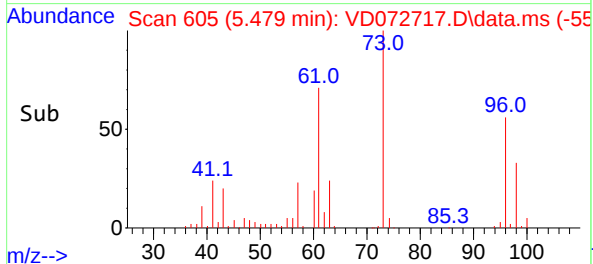
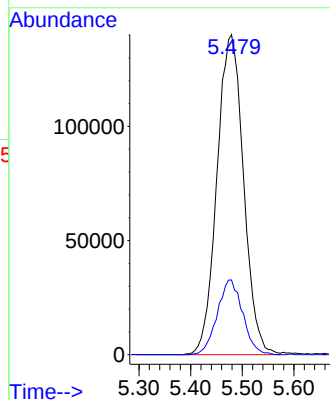
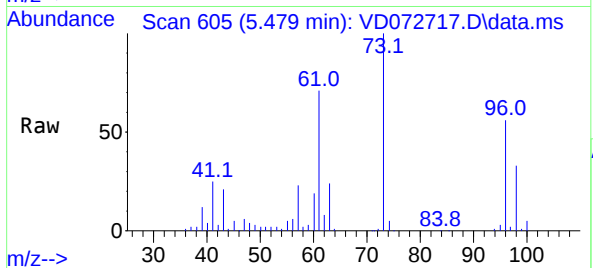
57 23.3 18.0 27.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2022

Supervised By :Mahesh Dadoda 04/28/2022



#20

Methylene Chloride

Concen: 58.205 ug/l

RT: 4.967 min Scan# 518

Delta R.T. 0.005 min

Lab File: VD072717.D

Acq: 27 Apr 2022 15:35

Tgt Ion: 84 Resp: 356749

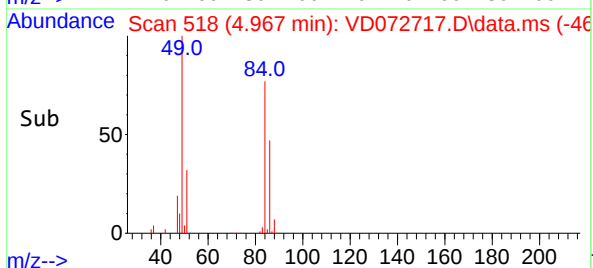
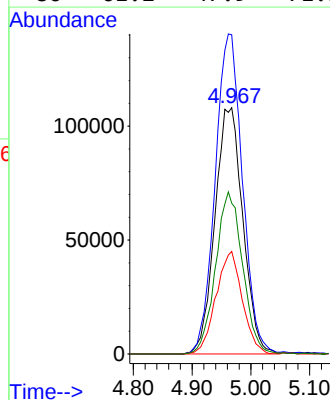
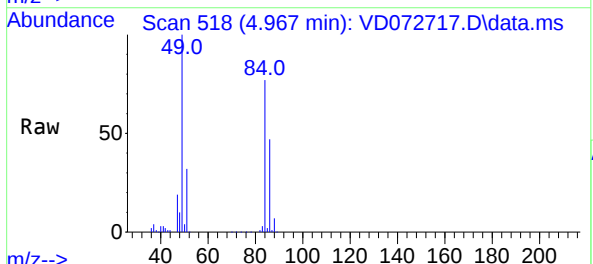
Ion Ratio Lower Upper

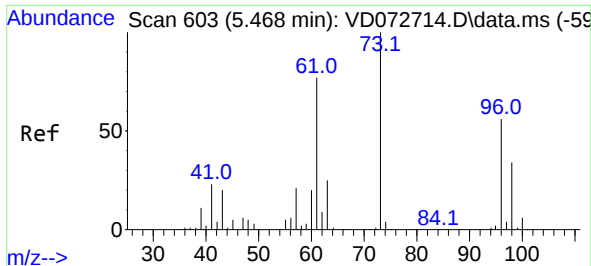
84 100

49 129.6 112.8 169.2

51 41.7 32.6 48.8

86 61.2 47.9 71.9





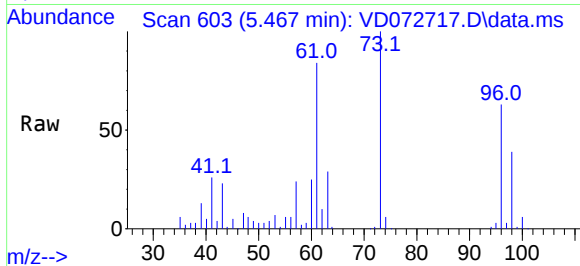
#21
trans-1,2-Dichloroethene
Concen: 49.811 ug/l
RT: 5.467 min Scan# 603
Delta R.T. -0.001 min
Lab File: VD072717.D
Acq: 27 Apr 2022 15:35

Instrument :

MSVOA_D

ClientSampleId :

ICVVD042722

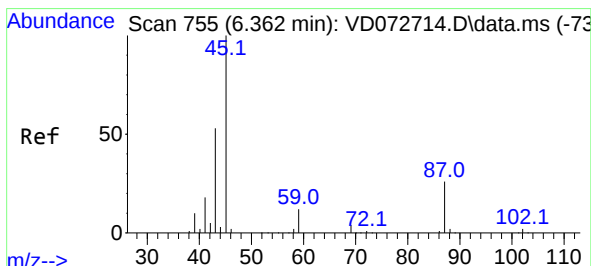
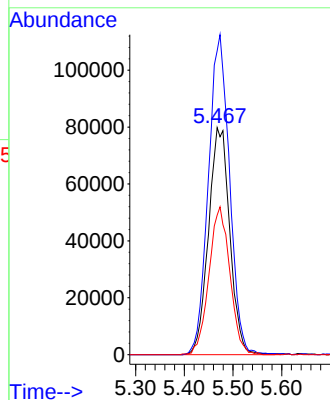
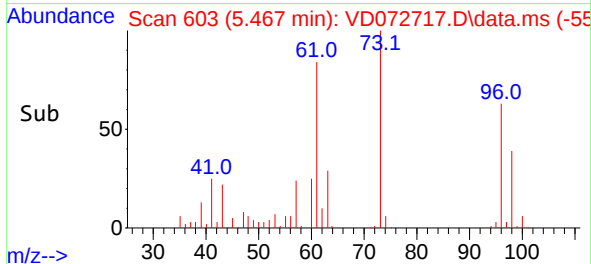


Tgt Ion: 96 Resp: 242338
Ion Ratio Lower Upper
96 100
61 133.8 117.9 176.9
98 61.5 49.4 74.2

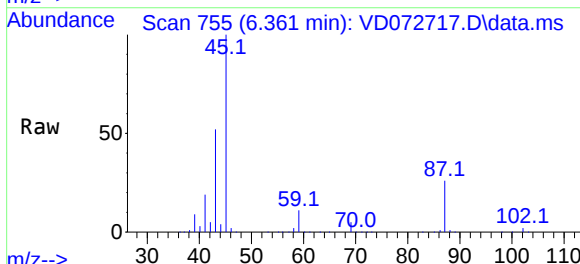
Manual Integrations

APPROVED

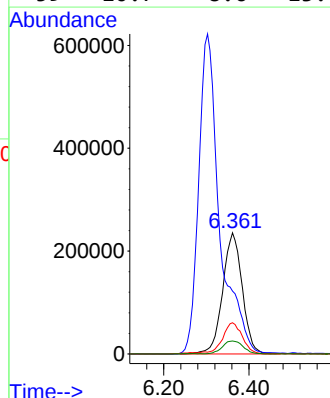
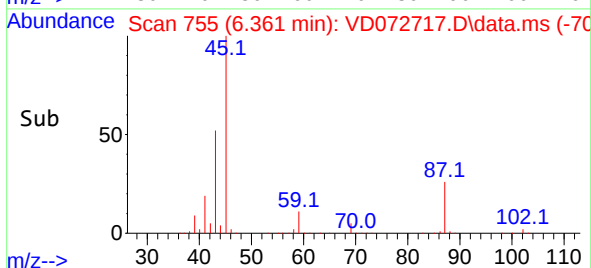
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

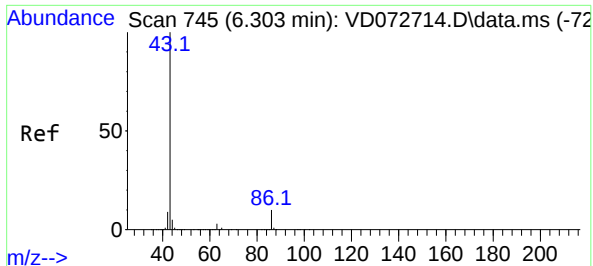


#22
Diisopropyl ether
Concen: 50.022 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.001 min
Lab File: VD072717.D
Acq: 27 Apr 2022 15:35



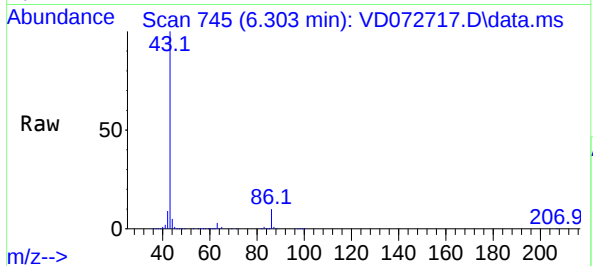
Tgt Ion: 45 Resp: 753106
Ion Ratio Lower Upper
45 100
43 51.4 46.6 70.0
87 25.6 18.4 27.6
59 10.7 8.6 13.0





#23
 Vinyl Acetate
 Concen: 250.977 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD072717.D
 Acq: 27 Apr 2022 15:35

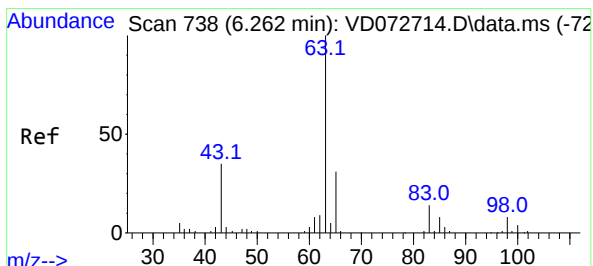
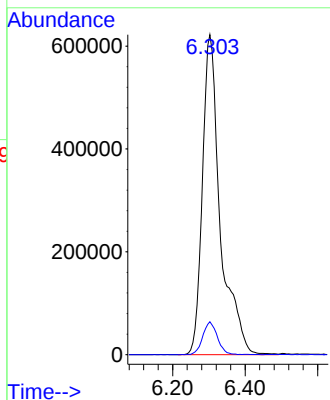
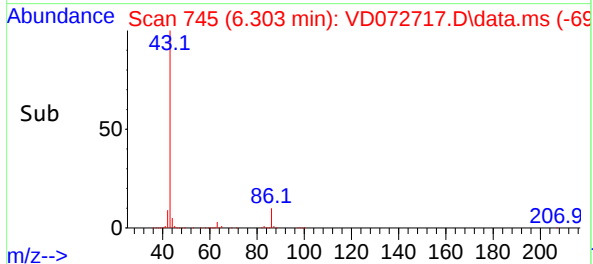
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD042722



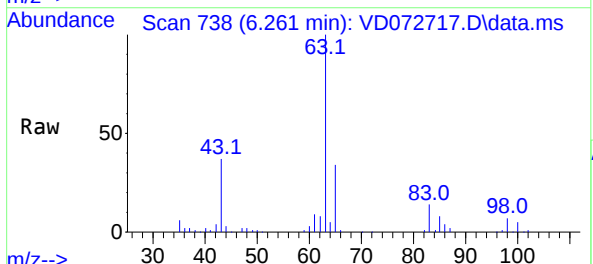
Tgt Ion: 43 Resp: 2133670
 Ion Ratio Lower Upper
 43 100
 86 10.3 7.1 10.7

Manual Integrations
 APPROVED

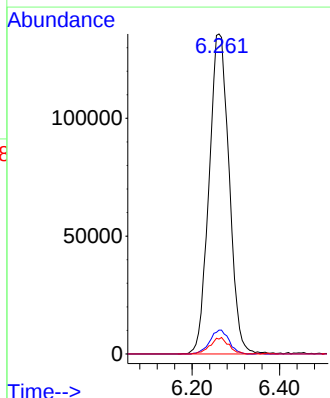
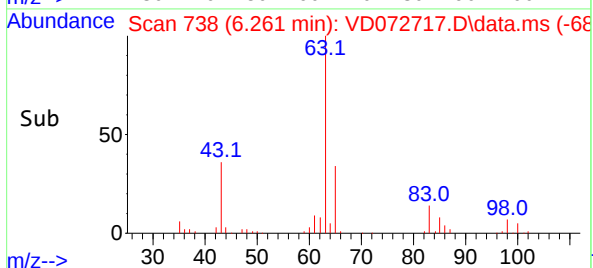
Reviewed By :John Carlone 04/28/2022
 Supervised By :Mahesh Dadoda 04/28/2022

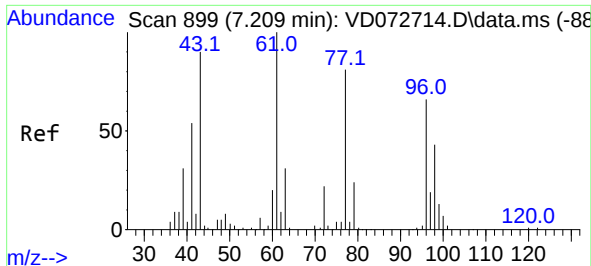


#24
 1,1-Dichloroethane
 Concen: 48.764 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. -0.001 min
 Lab File: VD072717.D
 Acq: 27 Apr 2022 15:35



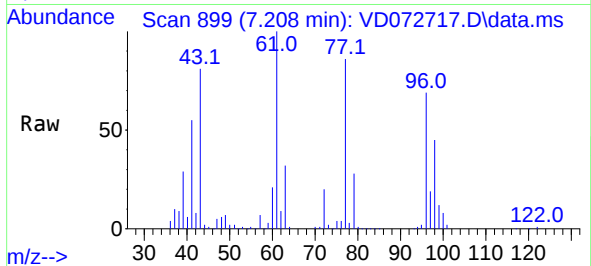
Tgt Ion: 63 Resp: 432906
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.6 10.9
 100 4.6 2.1 6.5





#25
2-Butanone
Concen: 234.662 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.001 min
Lab File: VD072717.D
Acq: 27 Apr 2022 15:35

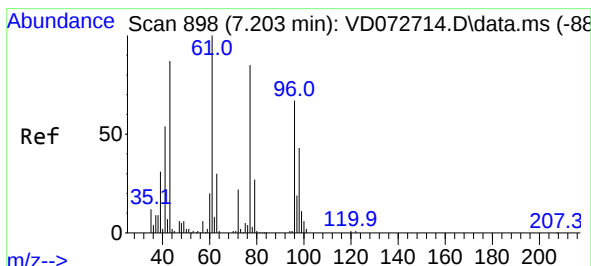
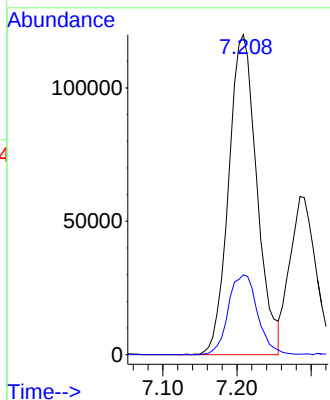
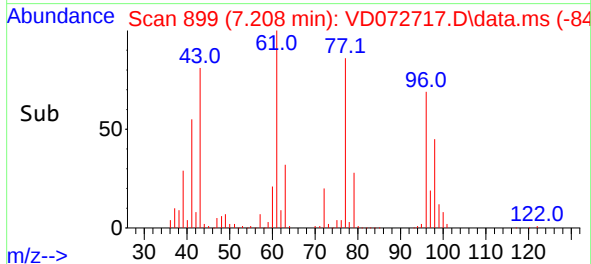
Instrument :
MSVOA_D
ClientSampleId :
ICVVD042722



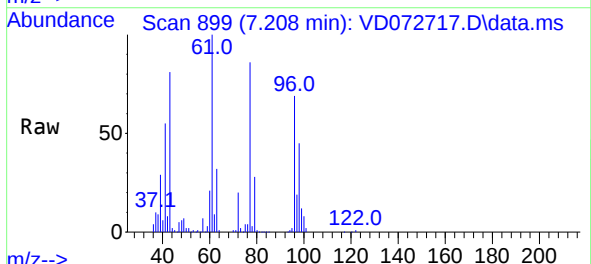
Tgt Ion: 43 Resp: 316994
Ion Ratio Lower Upper
43 100
72 25.0 18.6 27.8

Manual Integrations
APPROVED

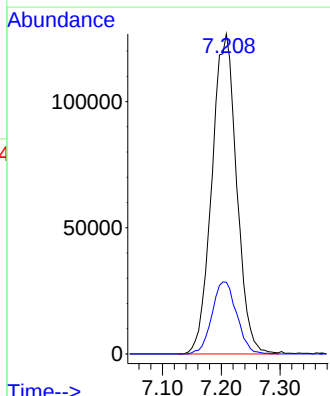
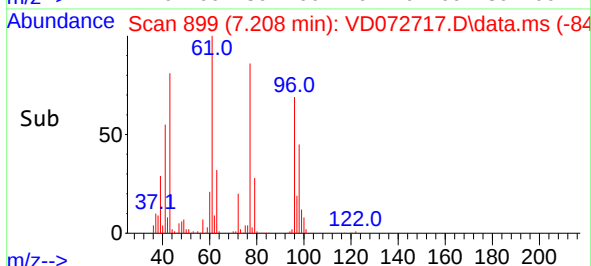
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

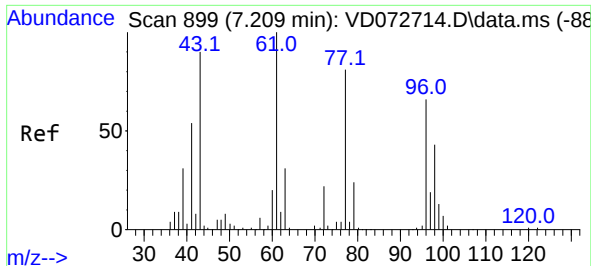


#26
2,2-Dichloropropane
Concen: 50.615 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.005 min
Lab File: VD072717.D
Acq: 27 Apr 2022 15:35



Tgt Ion: 77 Resp: 370671
Ion Ratio Lower Upper
77 100
97 22.5 10.8 32.4





#27
cis-1,2-Dichloroethene
Concen: 49.493 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.001 min
Lab File: VD072717.D
Acq: 27 Apr 2022 15:35

Instrument :

MSVOA_D

ClientSampleId :

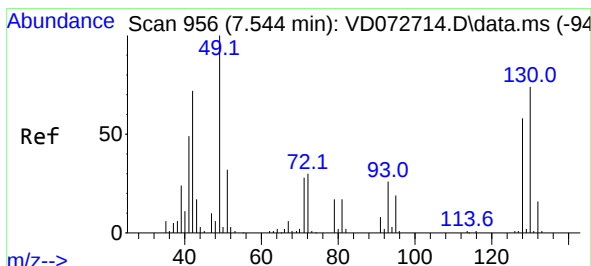
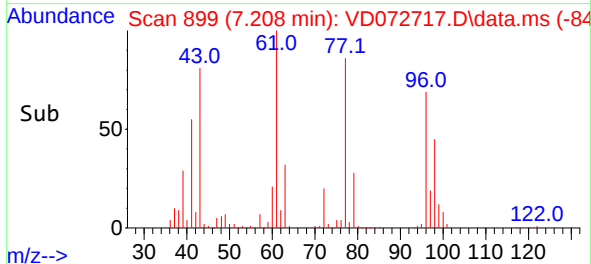
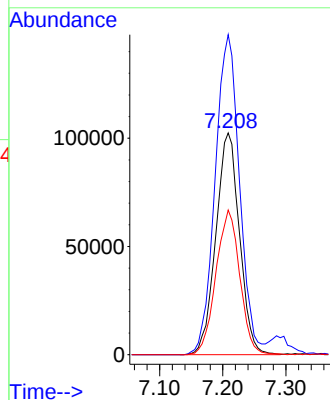
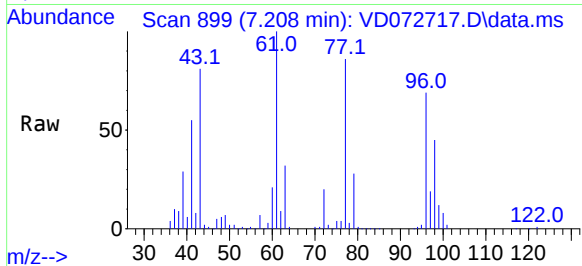
ICVVD042722

Tgt Ion: 96 Resp: 266820
Ion Ratio Lower Upper
96 100
61 148.3 0.0 313.8
98 65.8 0.0 128.8

Manual Integrations

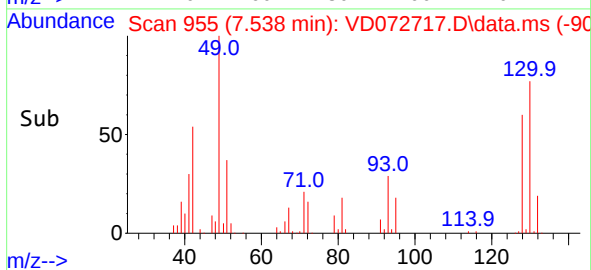
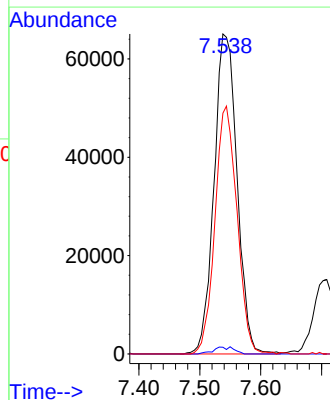
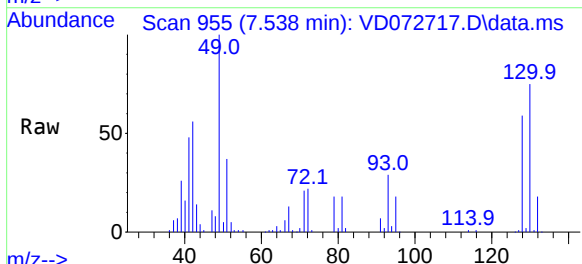
APPROVED

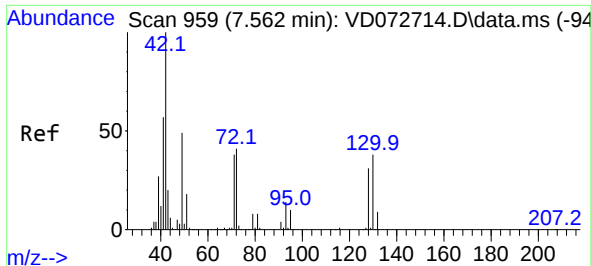
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#28
Bromochloromethane
Concen: 49.420 ug/l
RT: 7.538 min Scan# 955
Delta R.T. -0.006 min
Lab File: VD072717.D
Acq: 27 Apr 2022 15:35

Tgt Ion: 49 Resp: 170866
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.0
130 74.3 52.6 79.0





#29

Tetrahydrofuran

Concen: 244.113 ug/l

RT: 7.556 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD072717.D

Acq: 27 Apr 2022 15:35

Instrument :

MSVOA_D

ClientSampleId :

ICVVD042722

Tgt Ion: 42 Resp: 20751

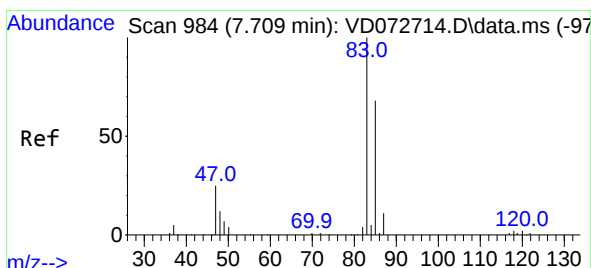
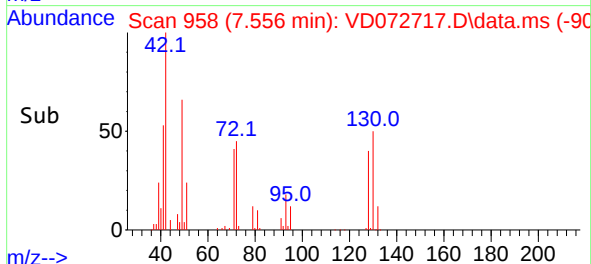
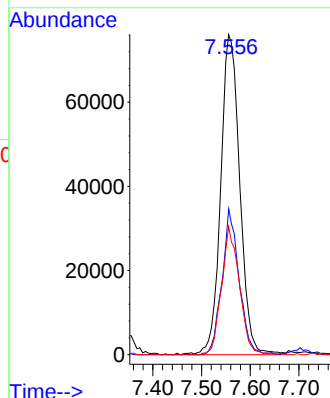
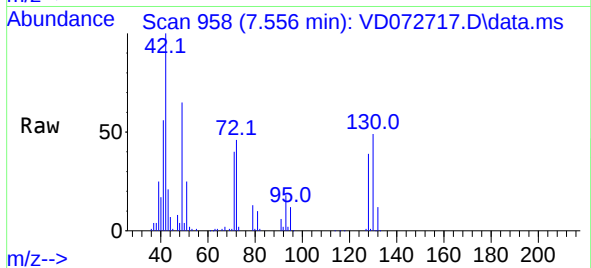
Ion	Ratio	Lower	Upper
42	100		
72	40.9	30.7	46.1
71	37.2	28.6	43.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2022

Supervised By :Mahesh Dadoda 04/28/2022



#30

Chloroform

Concen: 49.368 ug/l

RT: 7.703 min Scan# 983

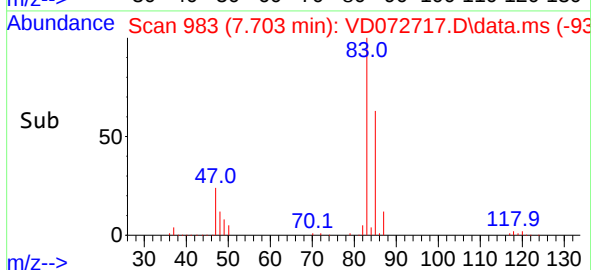
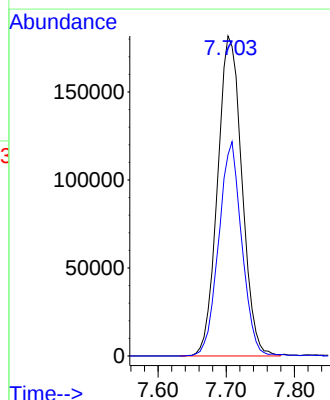
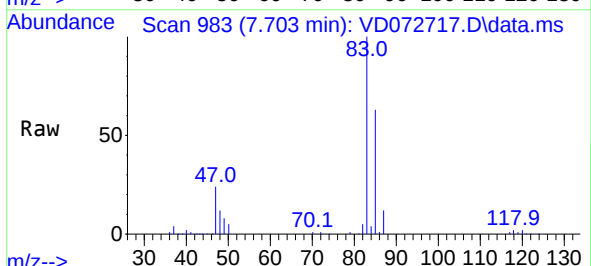
Delta R.T. -0.006 min

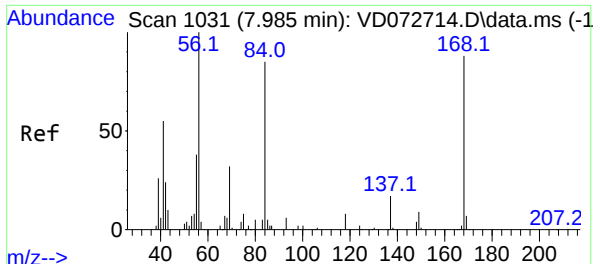
Lab File: VD072717.D

Acq: 27 Apr 2022 15:35

Tgt Ion: 83 Resp: 452933

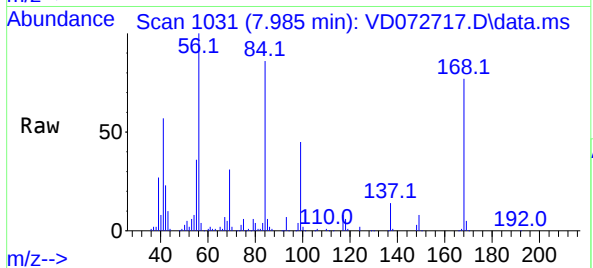
Ion	Ratio	Lower	Upper
83	100		
85	62.9	52.7	79.1





#31
Cyclohexane
Concen: 49.894 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD072717.D
Acq: 27 Apr 2022 15:35

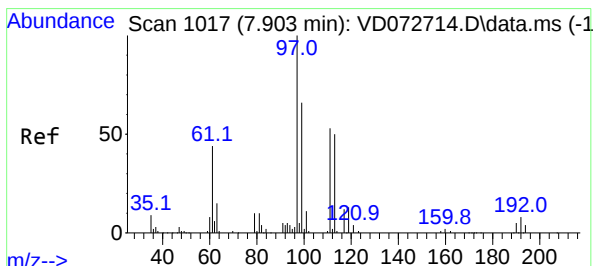
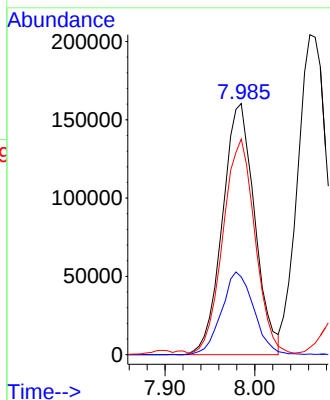
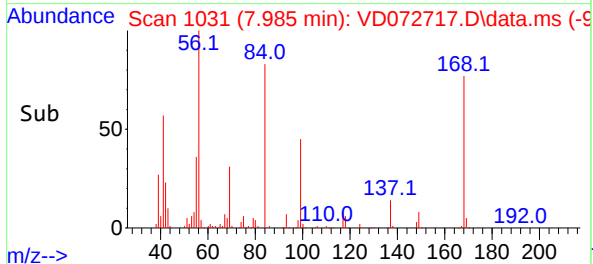
Instrument : MSVOA_D
ClientSampleId : ICVVD042722



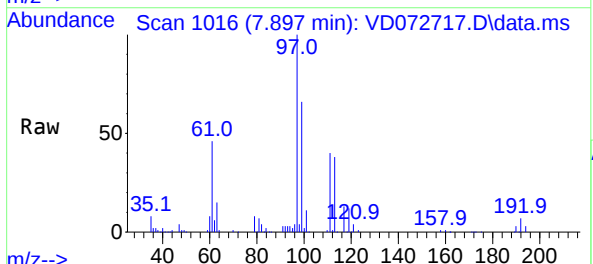
Tgt Ion: 56 Resp: 40011
Ion Ratio Lower Upper
56 100
69 30.9 25.4 38.2
84 84.4 63.0 94.4

Manual Integrations
APPROVED

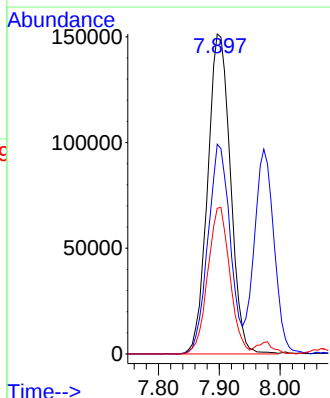
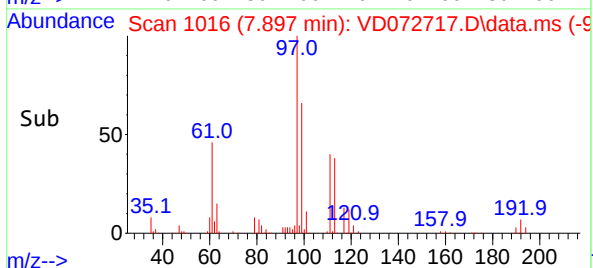
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

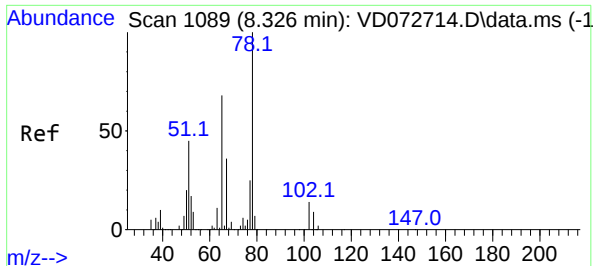


#32
1,1,1-Trichloroethane
Concen: 50.618 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VD072717.D
Acq: 27 Apr 2022 15:35



Tgt Ion: 97 Resp: 393516
Ion Ratio Lower Upper
97 100
99 63.9 52.4 78.6
61 44.5 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 49.125 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072717.D

Acq: 27 Apr 2022 15:35

Instrument :

MSVOA_D

ClientSampleId :

ICVVD042722

Tgt Ion: 65 Resp: 226914

Ion Ratio Lower Upper

65 100

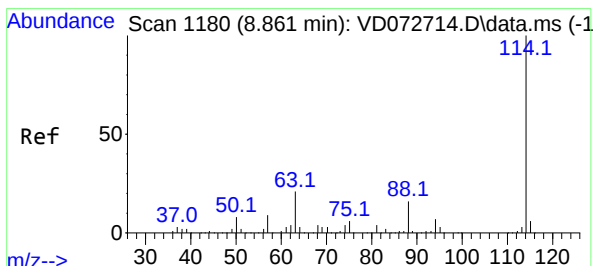
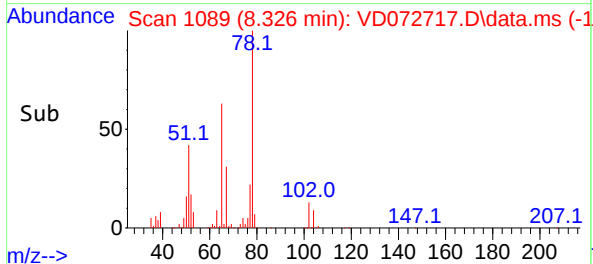
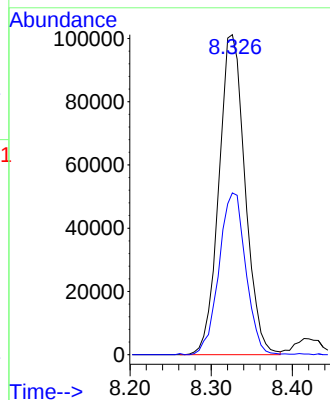
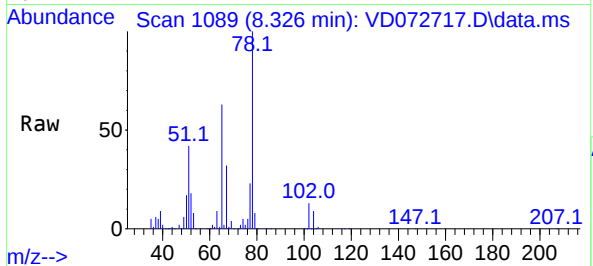
67 51.6 0.0 101.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2022

Supervised By :Mahesh Dadoda 04/28/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072717.D

Acq: 27 Apr 2022 15:35

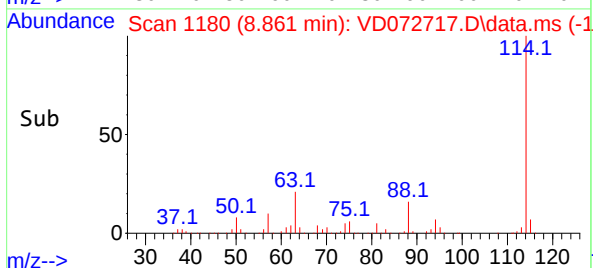
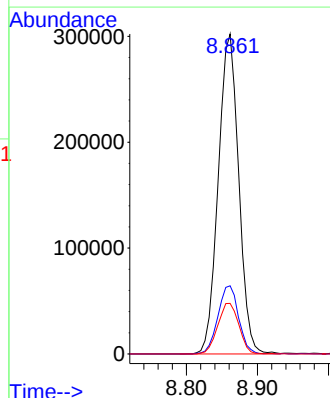
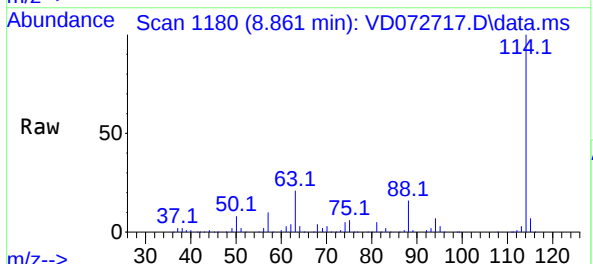
Tgt Ion:114 Resp: 602782

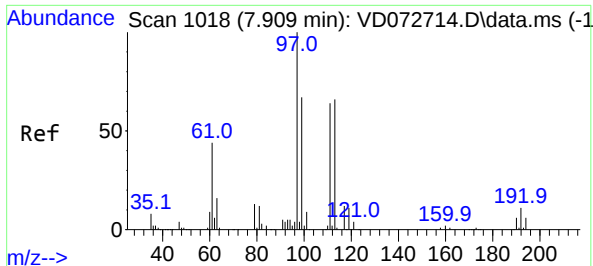
Ion Ratio Lower Upper

114 100

63 21.3 0.0 46.6

88 15.8 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.876 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.001 min

Lab File: VD072717.D

Acq: 27 Apr 2022 15:35

Instrument :

MSVOA_D

ClientSampleId :

ICVVD042722

Tgt Ion: 113 Resp: 200210

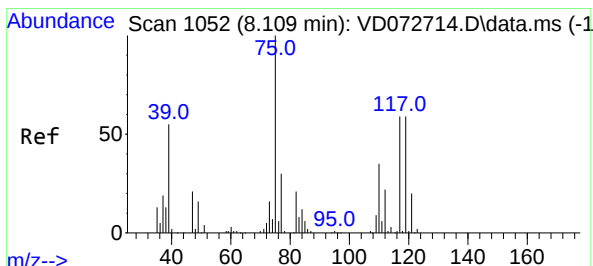
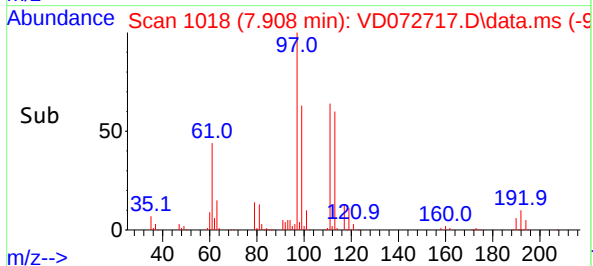
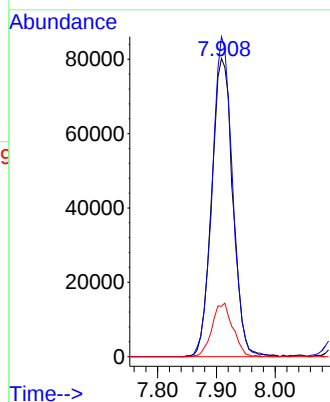
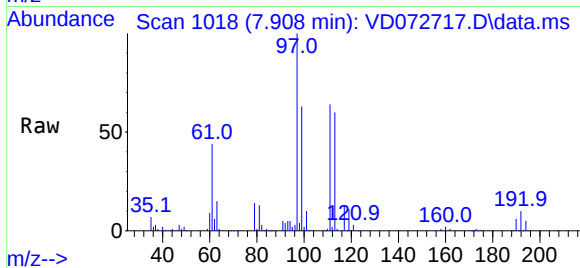
Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.8	125.6
192	17.7	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2022

Supervised By :Mahesh Dadoda 04/28/2022



#36

1,1-Dichloropropene

Concen: 50.204 ug/l

RT: 8.108 min Scan# 1052

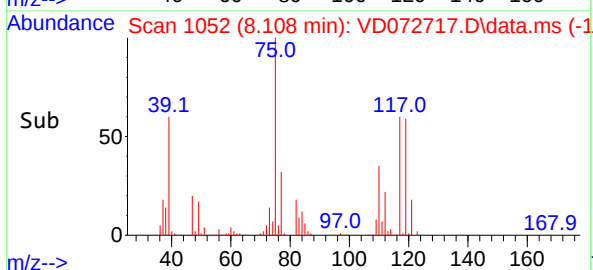
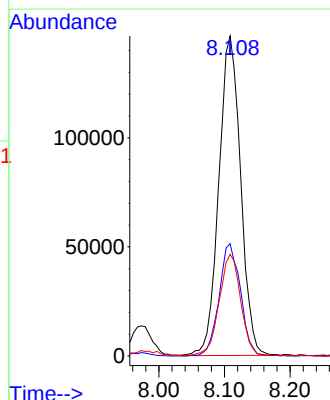
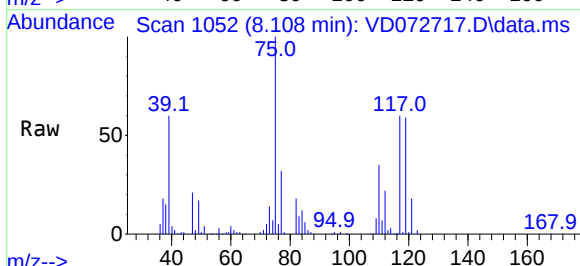
Delta R.T. -0.001 min

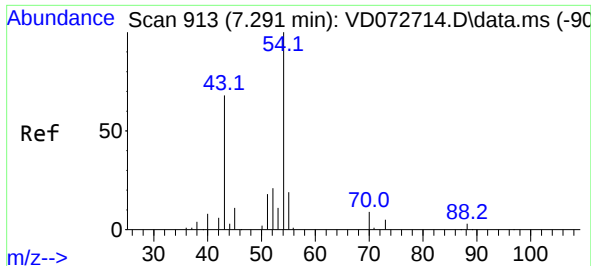
Lab File: VD072717.D

Acq: 27 Apr 2022 15:35

Tgt Ion: 75 Resp: 337652

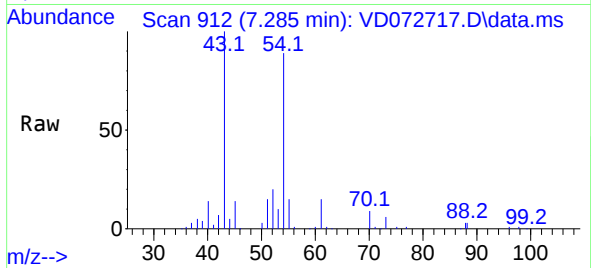
Ion	Ratio	Lower	Upper
75	100		
110	34.5	16.4	49.1
77	31.4	24.2	36.2





#37
Ethyl Acetate
Concen: 48.255 ug/l
RT: 7.285 min Scan# 913
Delta R.T. -0.006 min
Lab File: VD072717.D
Acq: 27 Apr 2022 15:35

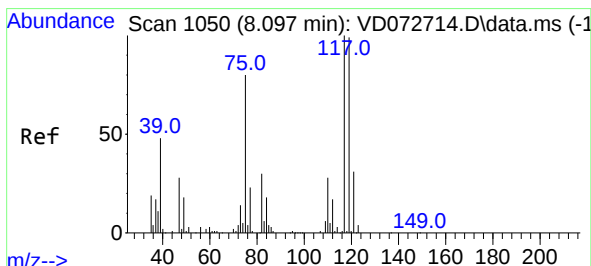
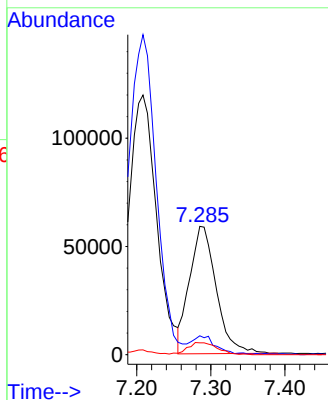
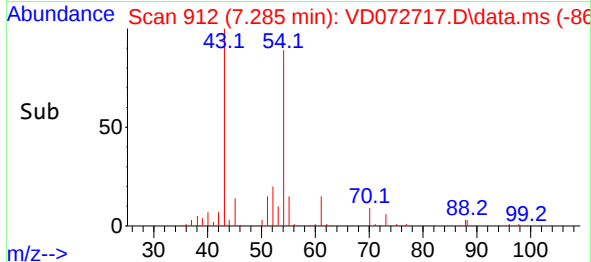
Instrument :
MSVOA_D
ClientSampleId :
ICVVD042722



Tgt Ion: 43 Resp: 14780
Ion Ratio Lower Upper
43 100
61 12.6 9.8 14.8
70 10.5 6.9 10.3

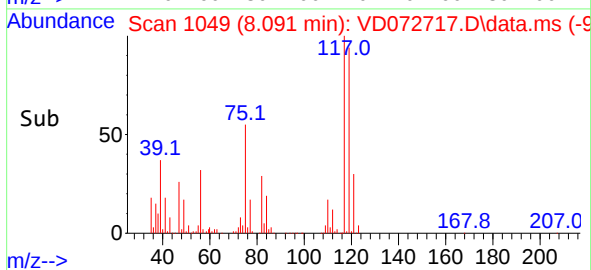
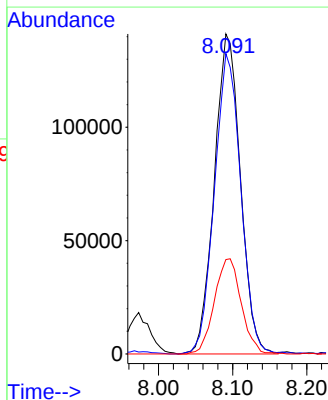
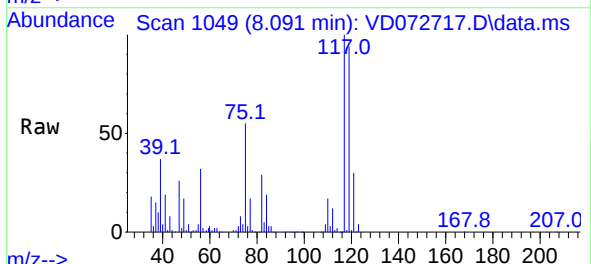
Manual Integrations
APPROVED

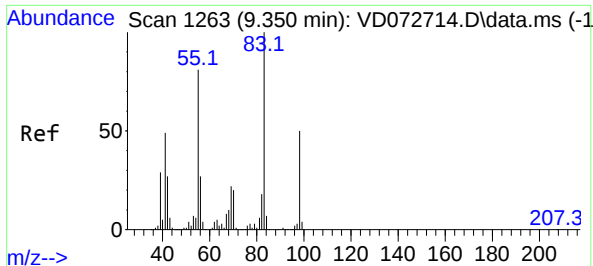
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#38
Carbon Tetrachloride
Concen: 50.737 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. -0.006 min
Lab File: VD072717.D
Acq: 27 Apr 2022 15:35

Tgt Ion:117 Resp: 344880
Ion Ratio Lower Upper
117 100
119 93.8 75.8 113.6
121 29.5 24.5 36.7





#39

Methylcyclohexane

Concen: 51.629 ug/l

RT: 9.350 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD072717.D

Acq: 27 Apr 2022 15:35

Instrument :

MSVOA_D

ClientSampleId :

ICVVD042722

Tgt Ion: 83 Resp: 402090

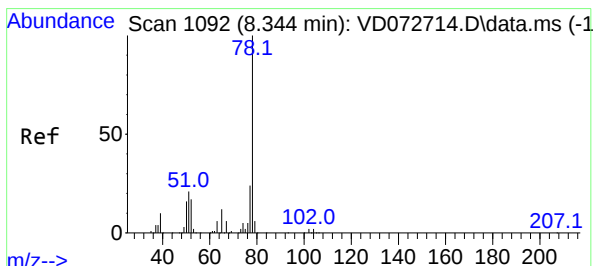
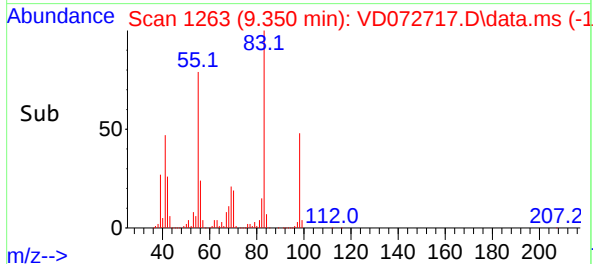
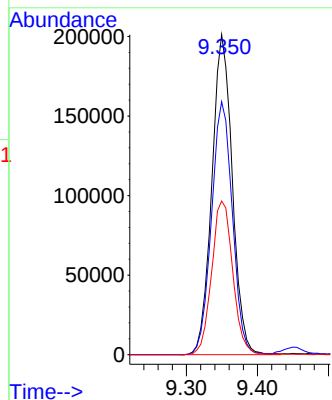
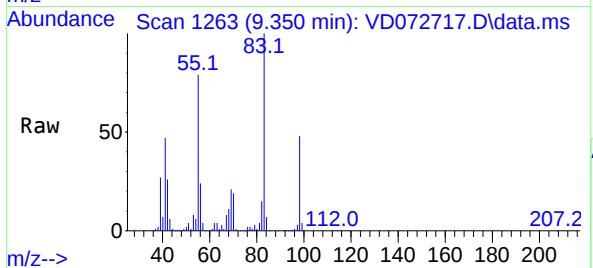
Ion	Ratio	Lower	Upper
83	100		
55	79.0	63.2	94.8
98	48.0	38.2	57.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2022

Supervised By :Mahesh Dadoda 04/28/2022



#40

Benzene

Concen: 50.168 ug/l

RT: 8.350 min Scan# 1093

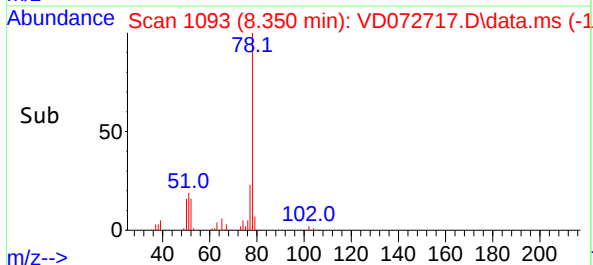
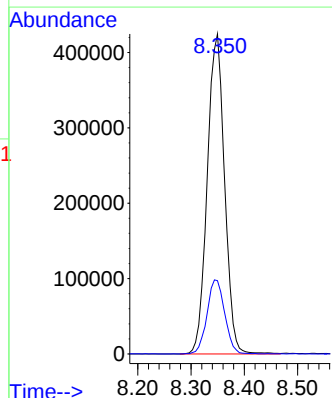
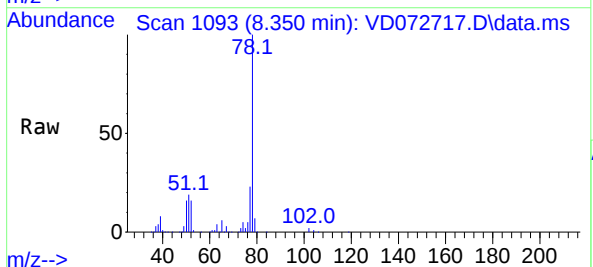
Delta R.T. 0.006 min

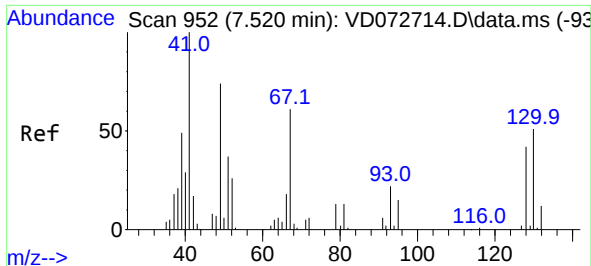
Lab File: VD072717.D

Acq: 27 Apr 2022 15:35

Tgt Ion: 78 Resp: 960650

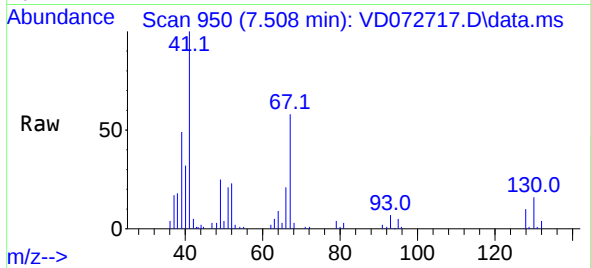
Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.1	28.7





#41
Methacrylonitrile
Concen: 56.444 ug/l
RT: 7.508 min Scan# 919
Delta R.T. -0.012 min
Lab File: VD072717.D
Acq: 27 Apr 2022 15:35

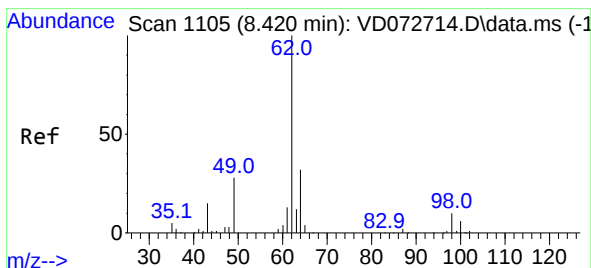
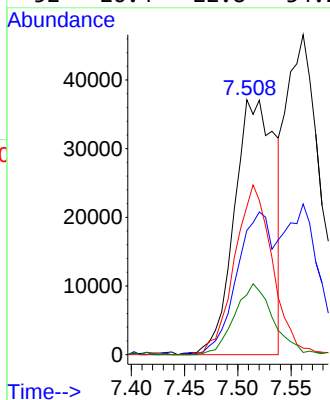
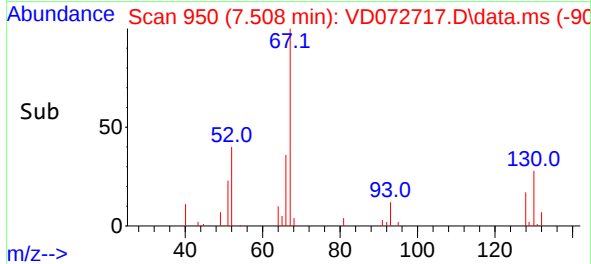
Instrument : MSVOA_D
ClientSampleId : ICVVD042722



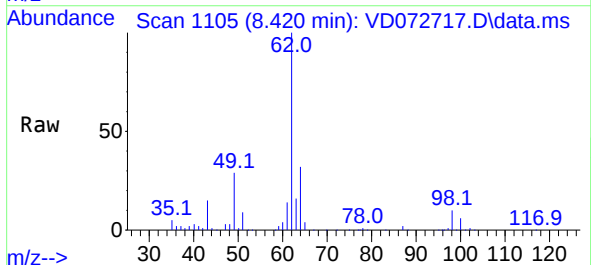
Tgt Ion: 41 Resp: 99190
Ion Ratio Lower Upper
41 100
39 47.0 44.6 67.0
67 61.9 48.2 72.4
52 26.4 22.8 34.2

Manual Integrations
APPROVED

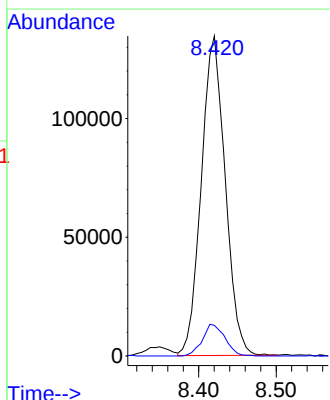
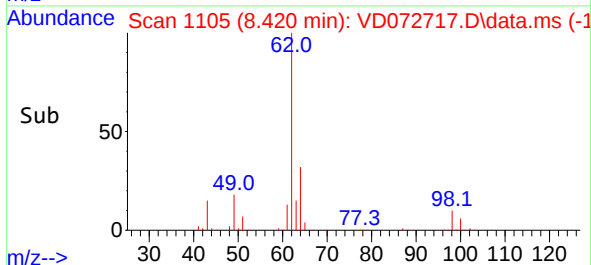
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

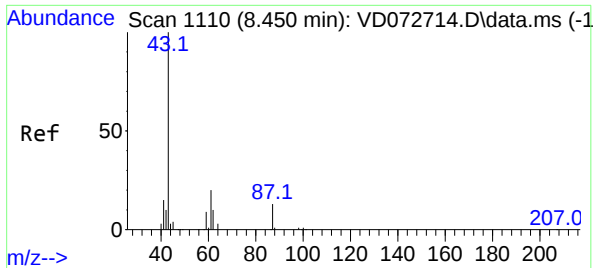


#42
1,2-Dichloroethane
Concen: 47.774 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD072717.D
Acq: 27 Apr 2022 15:35



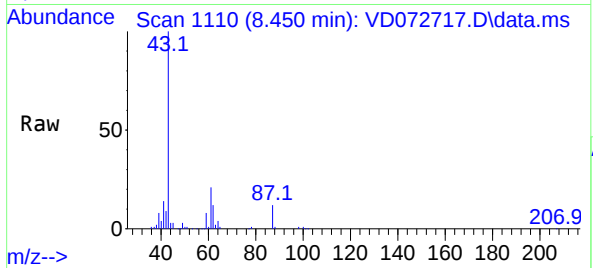
Tgt Ion: 62 Resp: 288322
Ion Ratio Lower Upper
62 100
98 9.4 0.0 17.6





#43
Isopropyl Acetate
Concen: 47.920 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VD072717.D
Acq: 27 Apr 2022 15:35

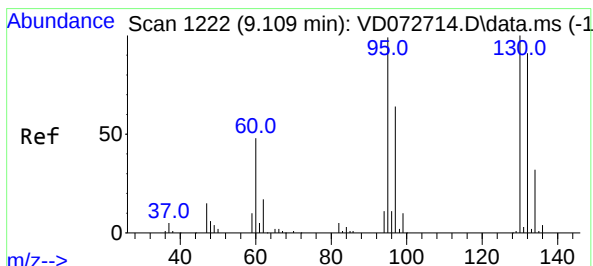
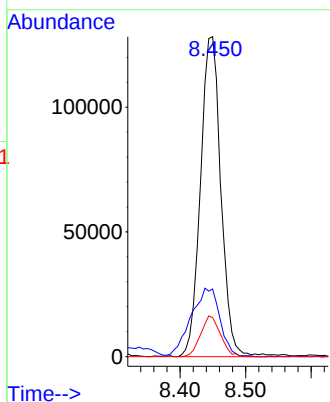
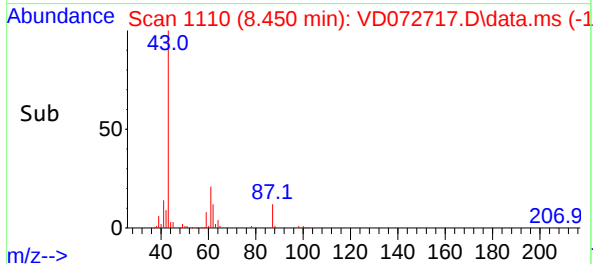
Instrument :
MSVOA_D
ClientSampleId :
ICVVD042722



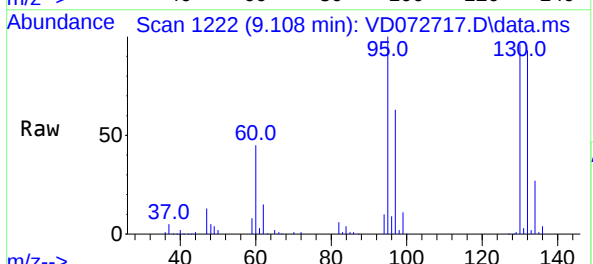
Tgt Ion: 43 Resp: 27891
Ion Ratio Lower Upper
43 100
61 30.3 22.4 33.6
87 12.4 8.7 13.1

Manual Integrations
APPROVED

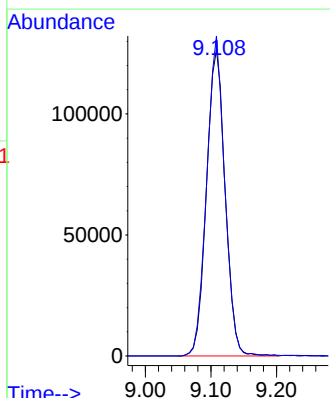
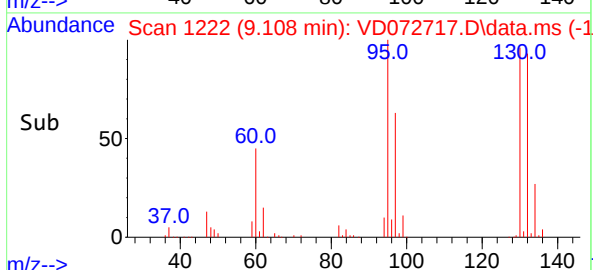
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

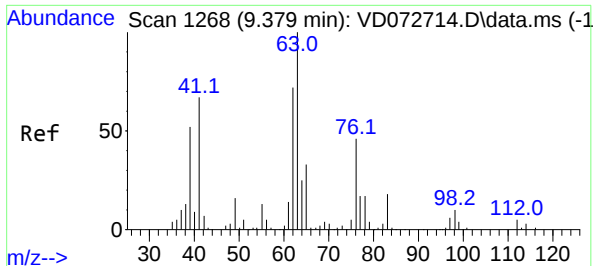


#44
Trichloroethene
Concen: 49.415 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.001 min
Lab File: VD072717.D
Acq: 27 Apr 2022 15:35



Tgt Ion:130 Resp: 250338
Ion Ratio Lower Upper
130 100
95 104.5 0.0 205.4





#45

1,2-Dichloropropane

Concen: 49.744 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.000 min

Lab File: VD072717.D

Acq: 27 Apr 2022 15:35

Instrument :

MSVOA_D

ClientSampleId :

ICVVD042722

Tgt Ion: 63 Resp: 246340

Ion Ratio Lower Upper

63 100

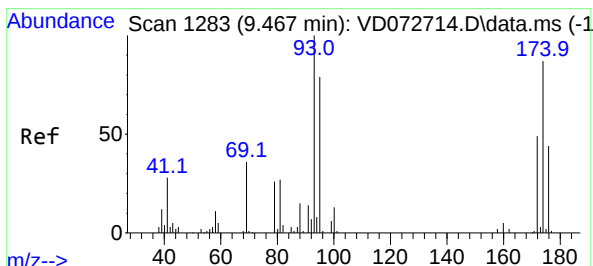
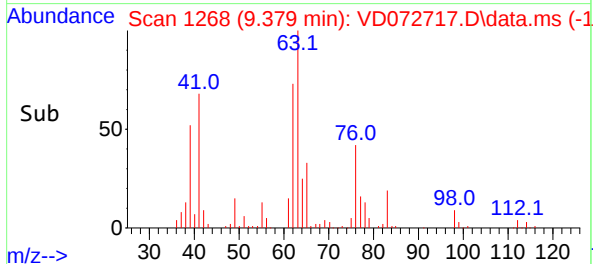
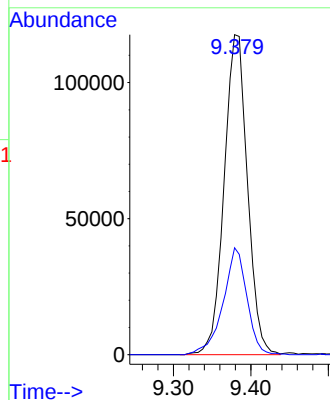
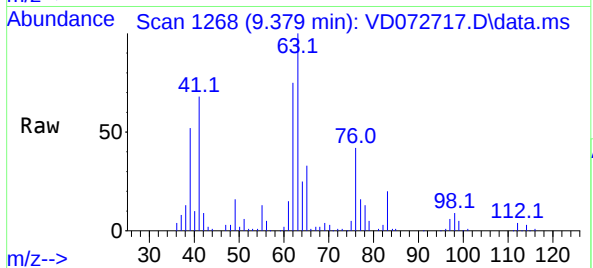
65 33.4 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2022

Supervised By :Mahesh Dadoda 04/28/2022



#46

Dibromomethane

Concen: 47.054 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD072717.D

Acq: 27 Apr 2022 15:35

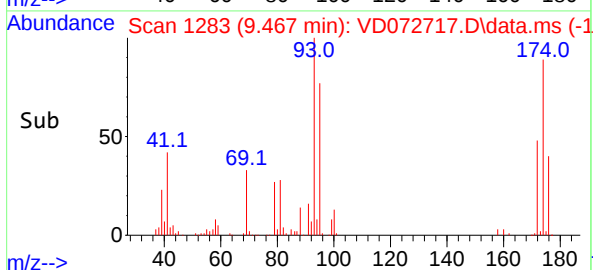
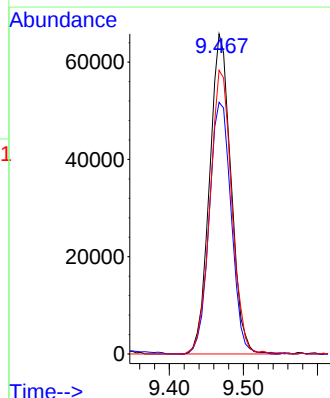
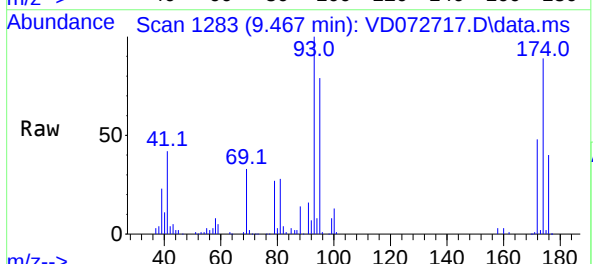
Tgt Ion: 93 Resp: 131984

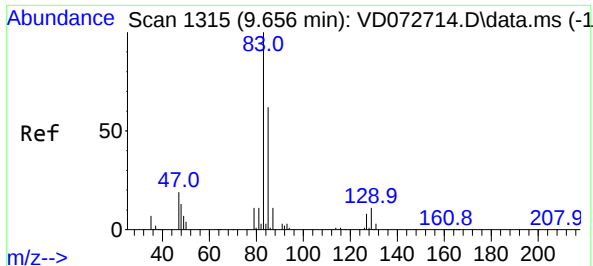
Ion Ratio Lower Upper

93 100

95 80.8 66.7 100.1

174 90.2 71.6 107.4





#47

Bromodichloromethane

Concen: 48.699 ug/l

RT: 9.655 min Scan# 1315

Delta R.T. -0.001 min

Lab File: VD072717.D

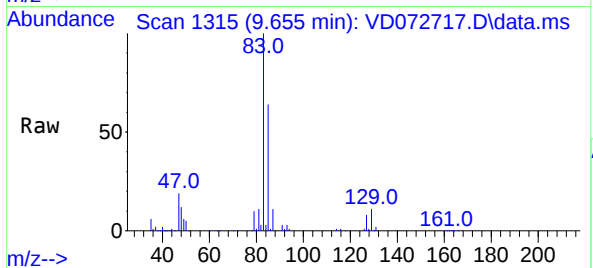
Acq: 27 Apr 2022 15:35

Instrument :

MSVOA_D

ClientSampleId :

ICVVD042722



Tgt Ion: 83 Resp: 34720

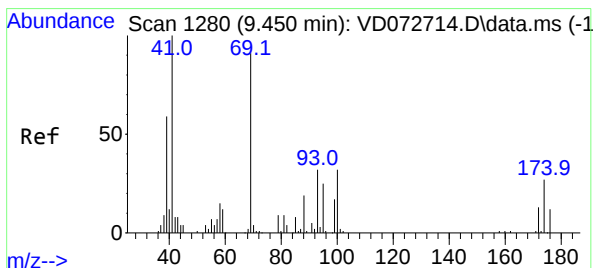
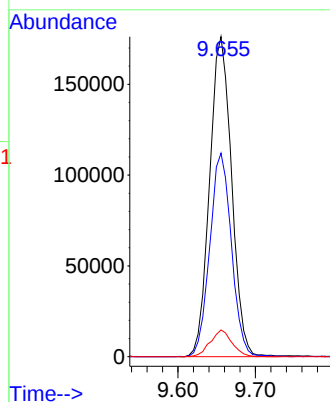
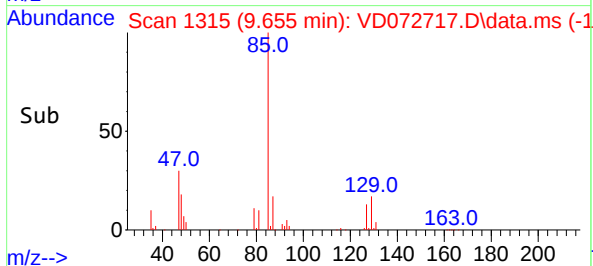
Ion	Ratio	Lower	Upper
83	100		
85	63.5	51.4	77.0
127	8.4	6.1	9.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2022

Supervised By :Mahesh Dadoda 04/28/2022



#48

Methyl methacrylate

Concen: 49.535 ug/l

RT: 9.450 min Scan# 1280

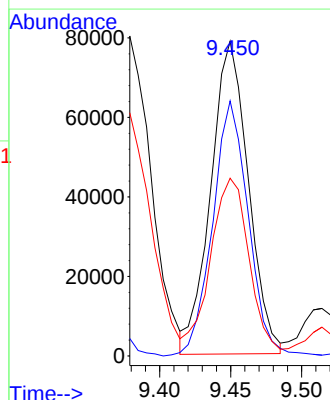
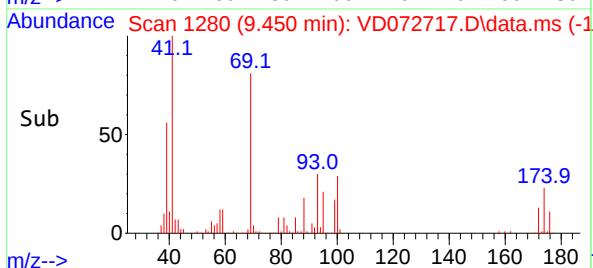
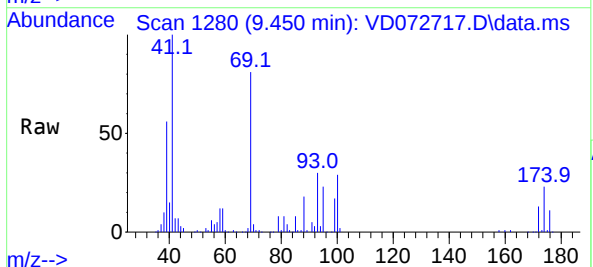
Delta R.T. -0.000 min

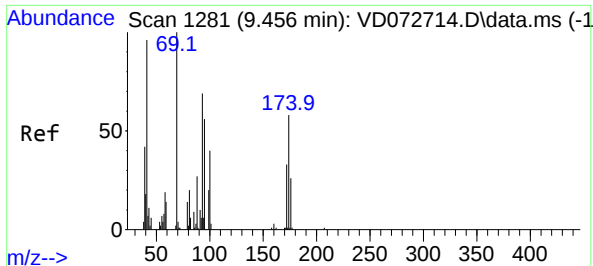
Lab File: VD072717.D

Acq: 27 Apr 2022 15:35

Tgt Ion: 41 Resp: 144627

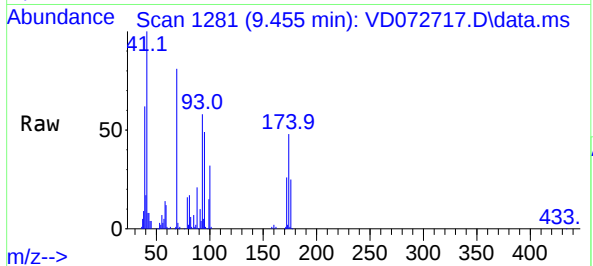
Ion	Ratio	Lower	Upper
41	100		
69	77.7	56.7	85.1
39	54.3	42.7	64.1





#49
1,4-Dioxane
Concen: 989.201 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. -0.001 min
Lab File: VD072717.D
Acq: 27 Apr 2022 15:35

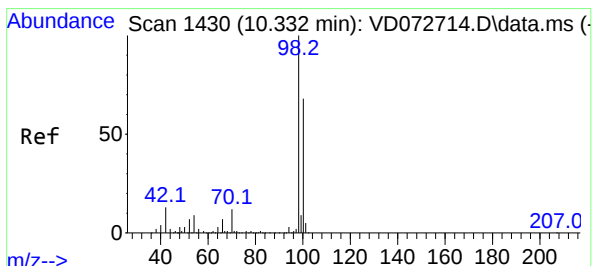
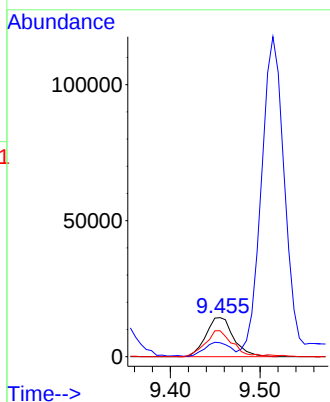
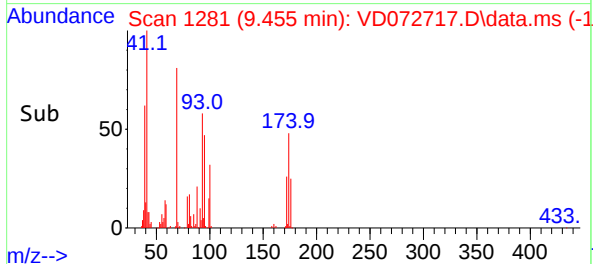
Instrument :
MSVOA_D
ClientSampleId :
ICVVD042722



Tgt Ion: 88 Resp: 3062
Ion Ratio Lower Upper
88 100
43 32.4 31.0 46.4
58 68.3 58.1 87.1

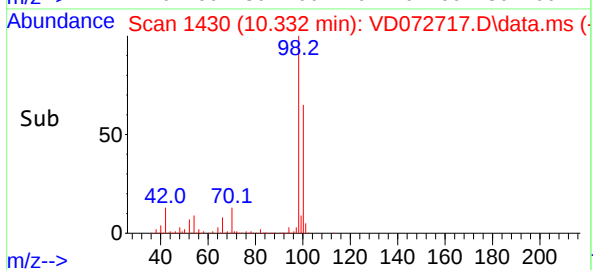
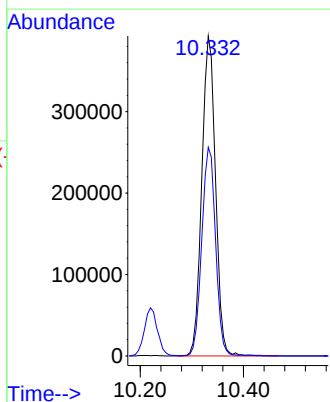
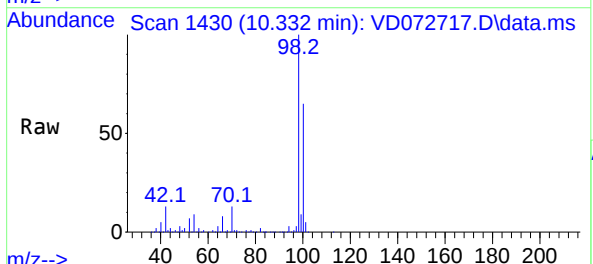
Manual Integrations
APPROVED

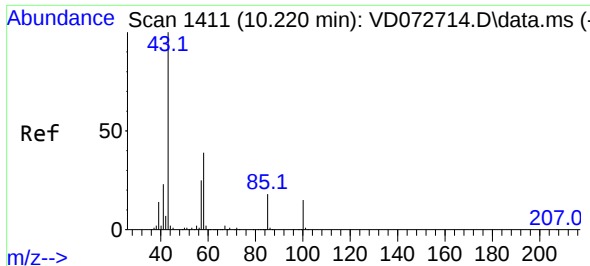
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#50
Toluene-d8
Concen: 49.939 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072717.D
Acq: 27 Apr 2022 15:35

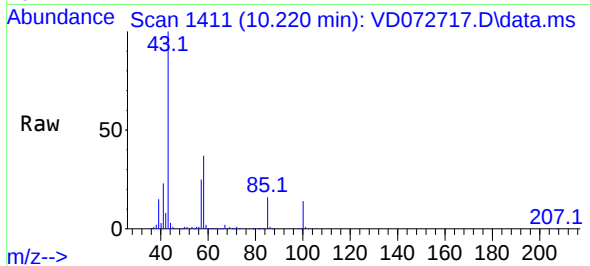
Tgt Ion: 98 Resp: 722707
Ion Ratio Lower Upper
98 100
100 65.9 52.4 78.6





#51
4-Methyl-2-Pentanone
Concen: 240.470 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD072717.D
Acq: 27 Apr 2022 15:35

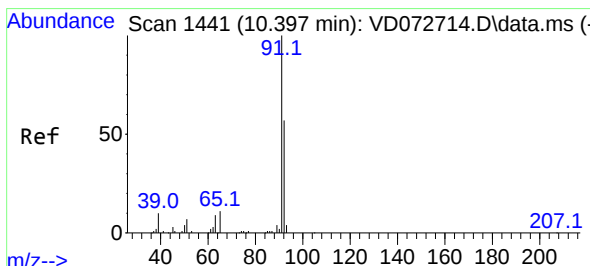
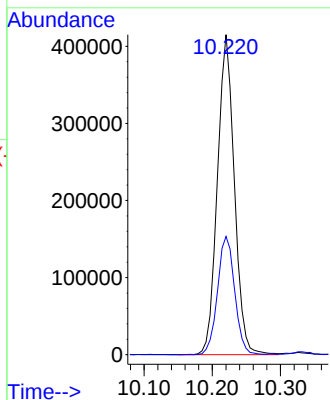
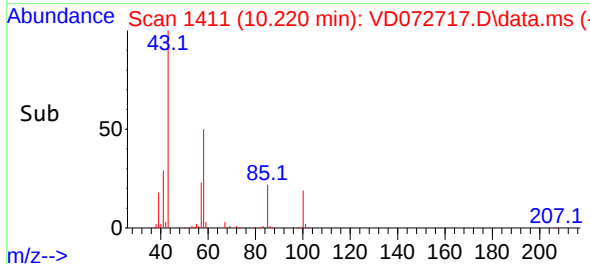
Instrument :
MSVOA_D
ClientSampleId :
ICVVD042722



Tgt Ion: 43 Resp: 719300
Ion Ratio Lower Upper
43 100
58 37.4 28.6 43.0

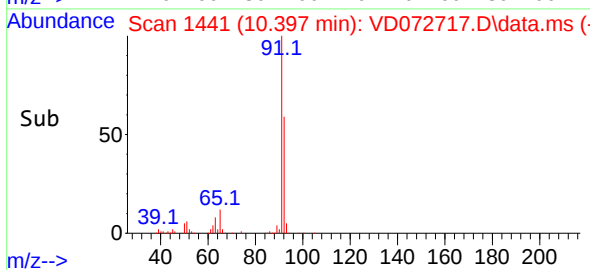
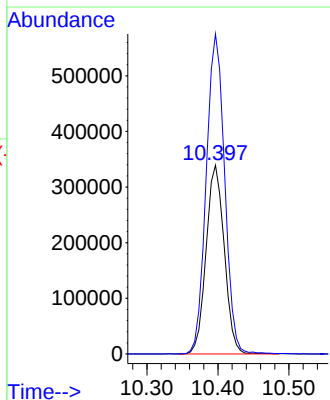
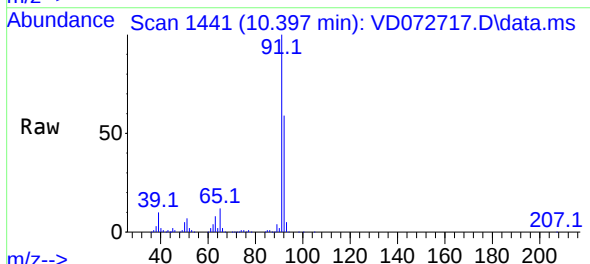
Manual Integrations
APPROVED

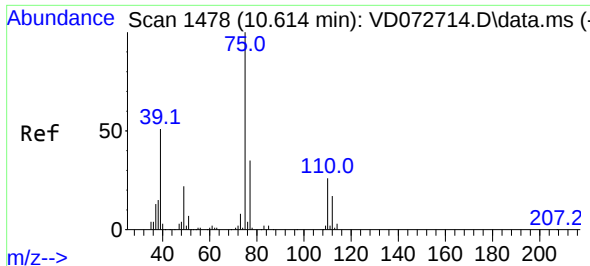
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#52
Toluene
Concen: 50.430 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD072717.D
Acq: 27 Apr 2022 15:35

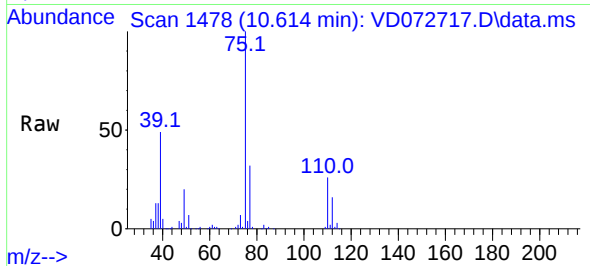
Tgt Ion: 92 Resp: 603268
Ion Ratio Lower Upper
92 100
91 172.1 139.6 209.4





#53
t-1,3-Dichloropropene
Concen: 48.965 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD072717.D
Acq: 27 Apr 2022 15:35

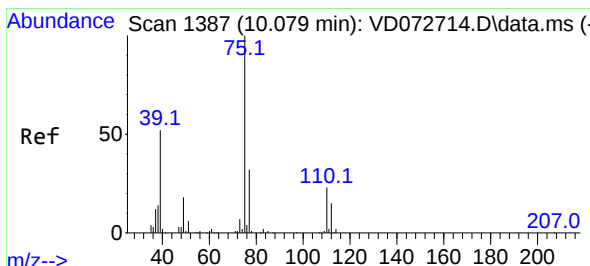
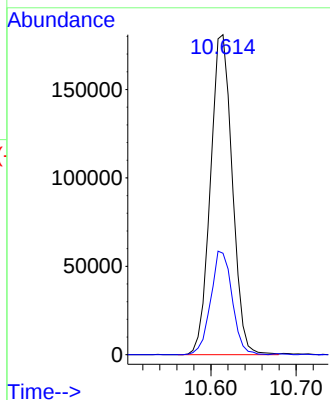
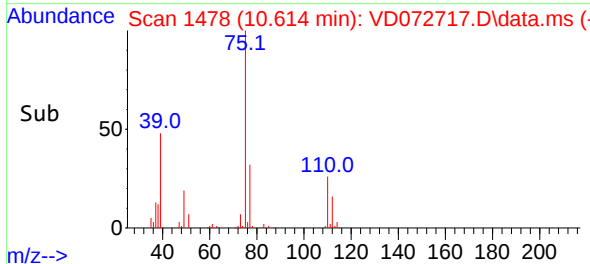
Instrument :
MSVOA_D
ClientSampleId :
ICVVD042722



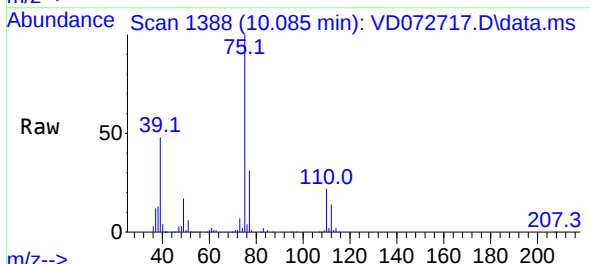
Tgt Ion: 75 Resp: 32215
Ion Ratio Lower Upper
75 100
77 31.7 24.5 36.7

Manual Integrations
APPROVED

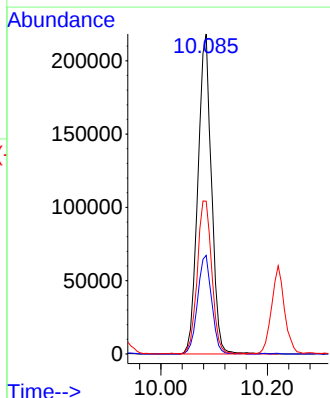
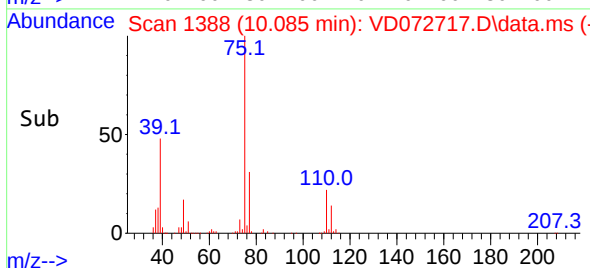
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

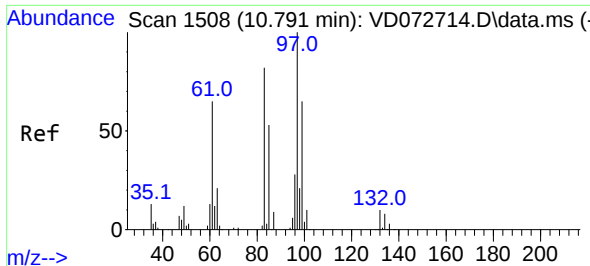


#54
cis-1,3-Dichloropropene
Concen: 50.210 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. 0.006 min
Lab File: VD072717.D
Acq: 27 Apr 2022 15:35



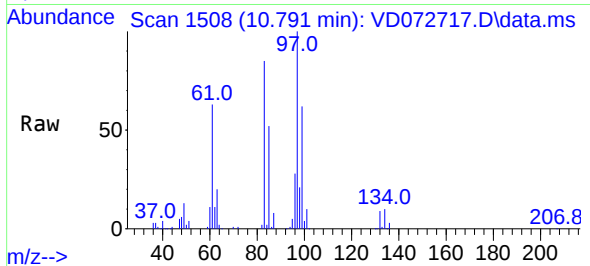
Tgt Ion: 75 Resp: 385315
Ion Ratio Lower Upper
75 100
77 30.8 24.8 37.2
39 47.7 46.8 70.2





#55
1,1,2-Trichloroethane
Concen: 47.097 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD072717.D
Acq: 27 Apr 2022 15:35

Instrument : MSVOA_D
ClientSampleId : ICVVD042722

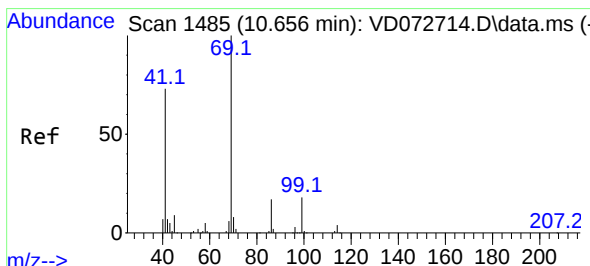
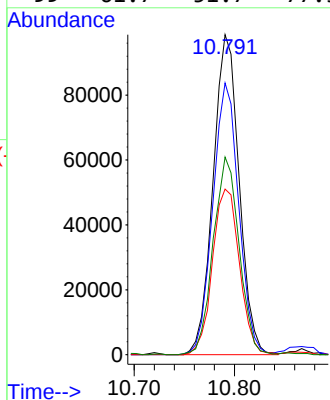
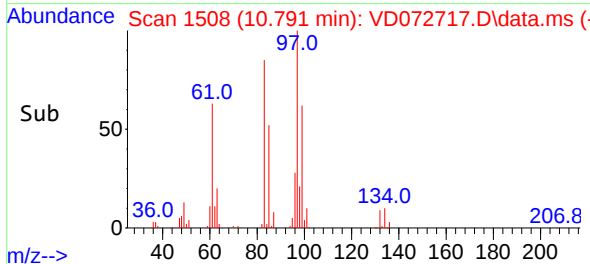


Tgt Ion: 97 Resp: 177819

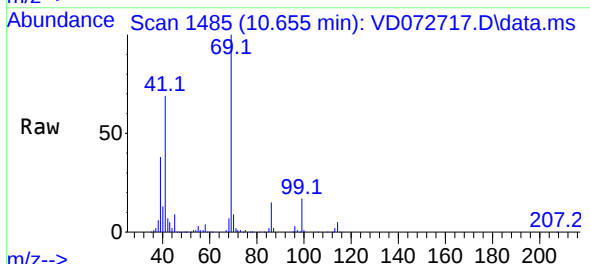
Ion	Ratio	Lower	Upper
97	100		
83	84.9	69.0	103.4
85	51.7	42.6	63.8
99	61.7	51.7	77.5

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

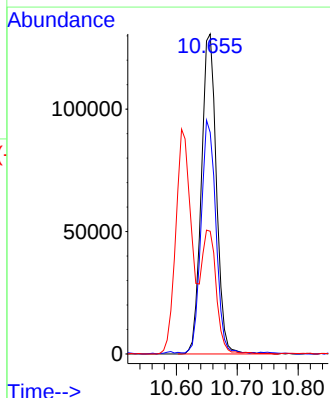
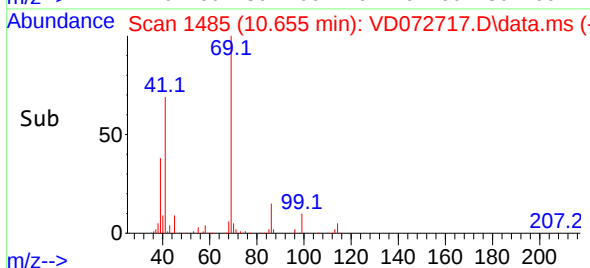


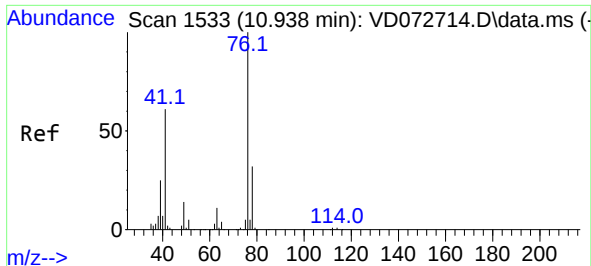
#56
Ethyl methacrylate
Concen: 50.730 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. -0.001 min
Lab File: VD072717.D
Acq: 27 Apr 2022 15:35



Tgt Ion: 69 Resp: 224433

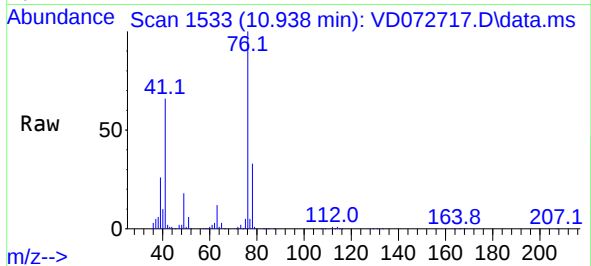
Ion	Ratio	Lower	Upper
69	100		
41	71.3	63.0	94.6
39	34.3	33.8	50.8





#57
1,3-Dichloropropane
Concen: 47.849 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VD072717.D
Acq: 27 Apr 2022 15:35

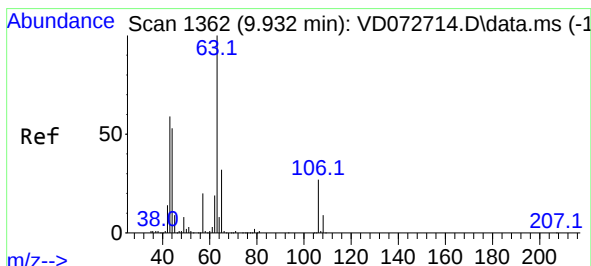
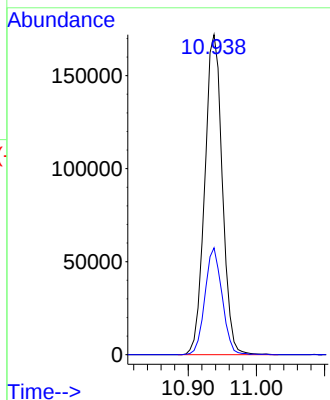
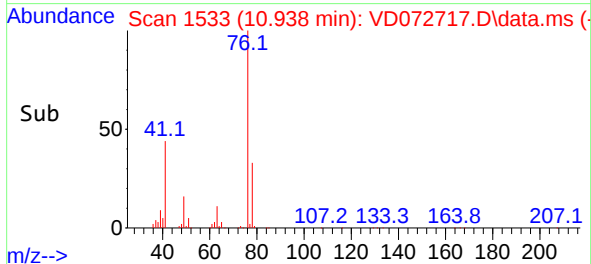
Instrument : MSVOA_D
ClientSampleId : ICVVD042722



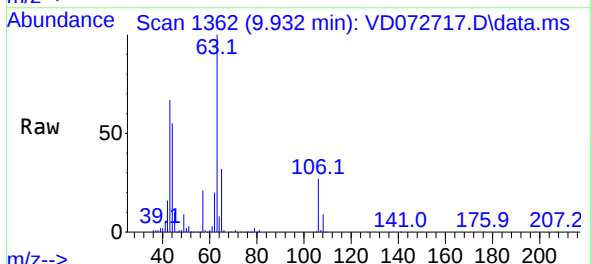
Tgt Ion: 76 Resp: 308170
Ion Ratio Lower Upper
76 100
78 32.7 26.0 39.0

Manual Integrations
APPROVED

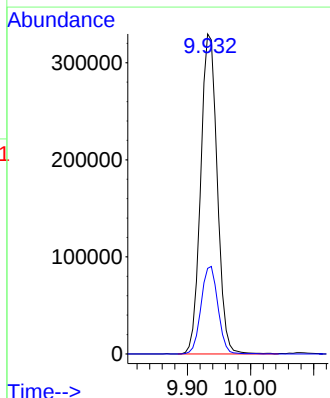
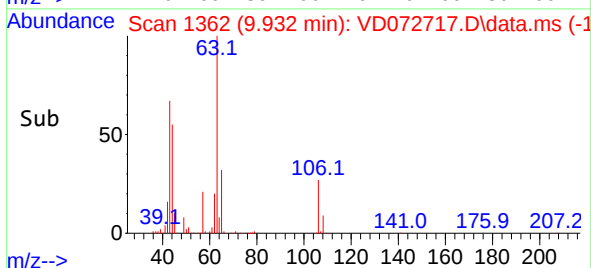
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

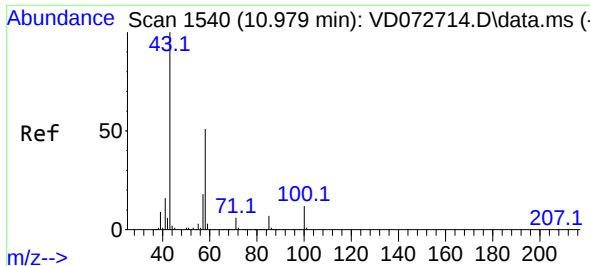


#58
2-Chloroethyl Vinyl ether
Concen: 258.020 ug/l
RT: 9.932 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VD072717.D
Acq: 27 Apr 2022 15:35



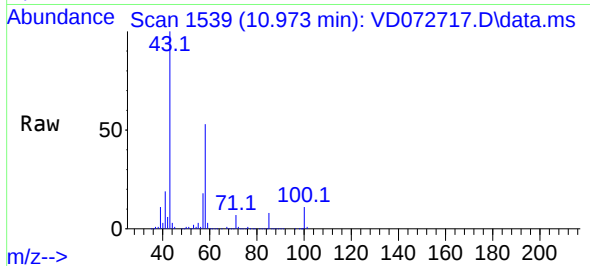
Tgt Ion: 63 Resp: 600867
Ion Ratio Lower Upper
63 100
106 27.7 21.4 32.0





#59
2-Hexanone
Concen: 240.488 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.006 min
Lab File: VD072717.D
Acq: 27 Apr 2022 15:35

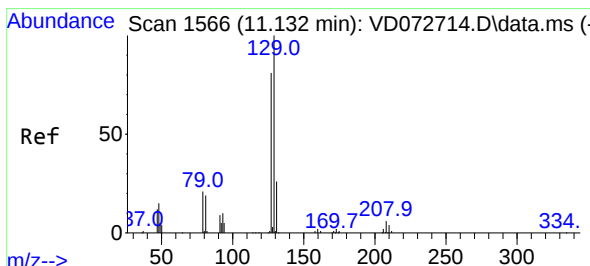
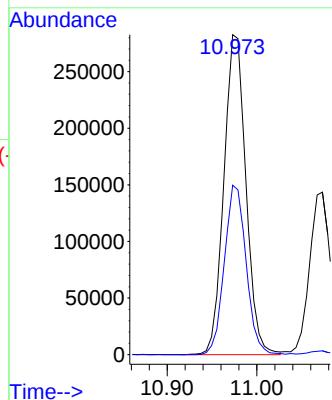
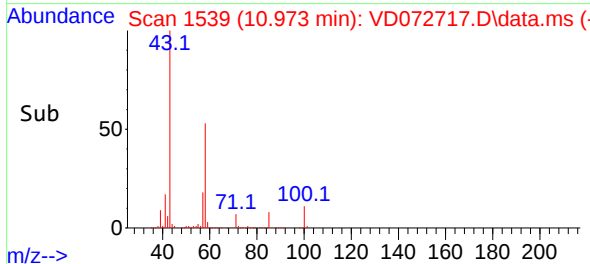
Instrument :
MSVOA_D
ClientSampleId :
ICVVD042722



Tgt Ion: 43 Resp: 482348
Ion Ratio Lower Upper
43 100
58 52.3 25.3 75.9

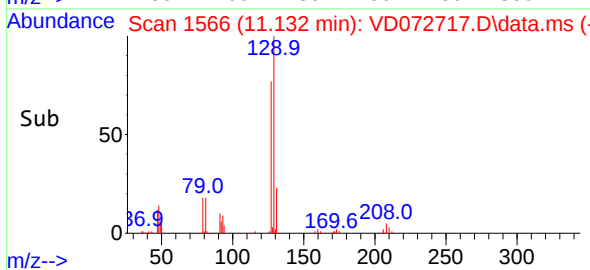
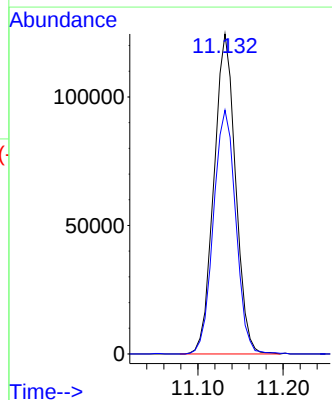
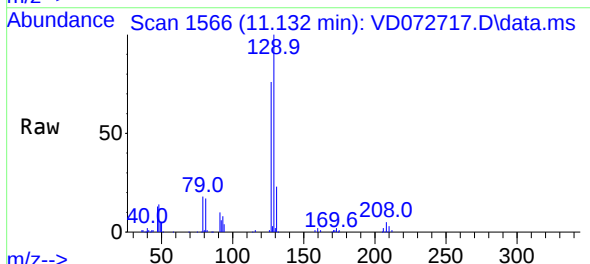
Manual Integrations
APPROVED

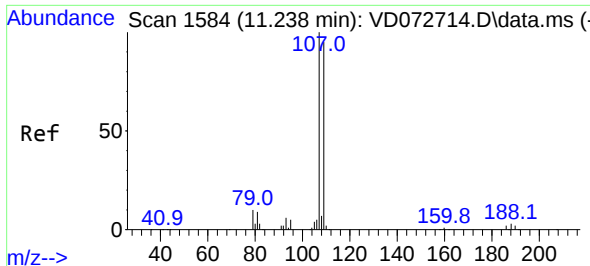
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#60
Dibromochloromethane
Concen: 47.307 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD072717.D
Acq: 27 Apr 2022 15:35

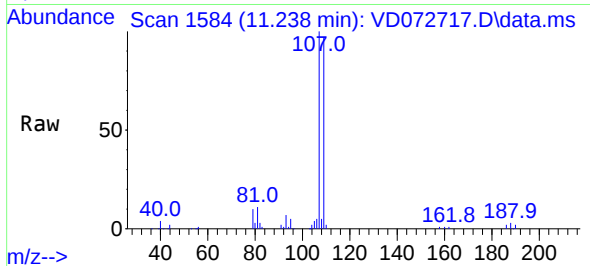
Tgt Ion:129 Resp: 219290
Ion Ratio Lower Upper
129 100
127 78.8 39.2 117.6





#61
1,2-Dibromoethane
Concen: 47.811 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072717.D
Acq: 27 Apr 2022 15:35

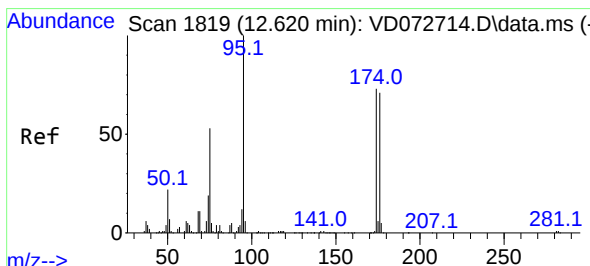
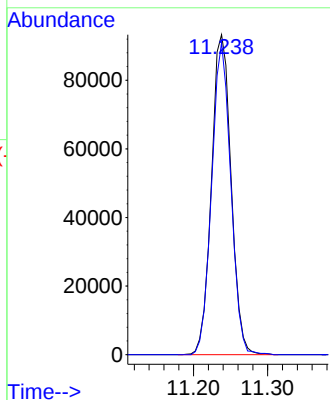
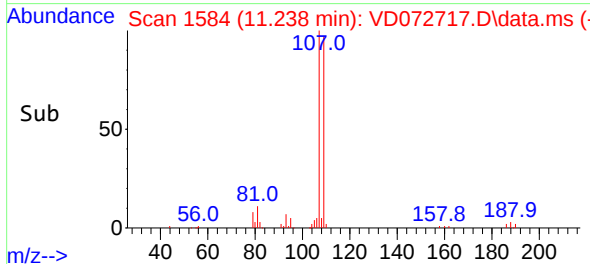
Instrument :
MSVOA_D
ClientSampleId :
ICVVD042722



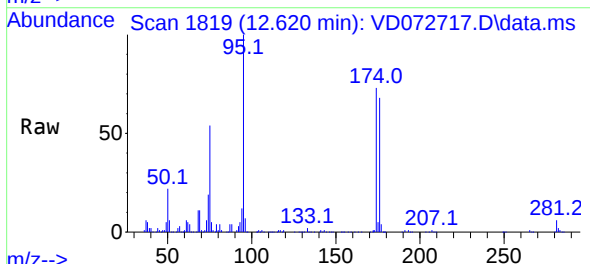
Tgt Ion:107 Resp: 17128
Ion Ratio Lower Upper
107 100
109 94.8 74.2 111.4

Manual Integrations
APPROVED

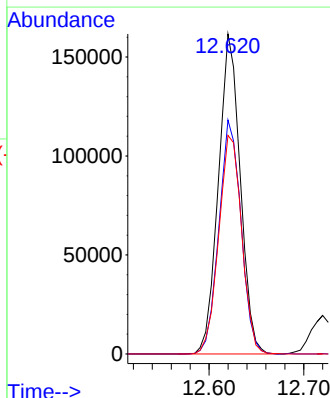
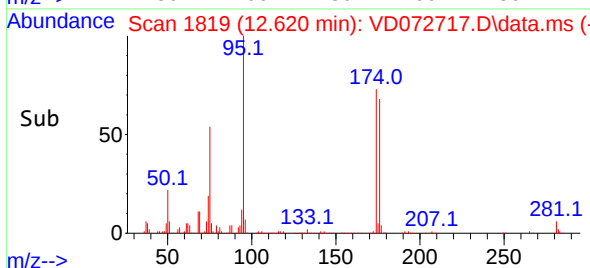
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

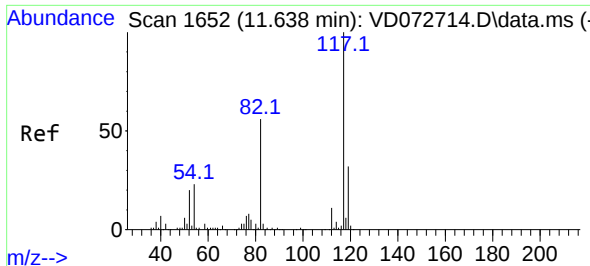


#62
4-Bromofluorobenzene
Concen: 47.456 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072717.D
Acq: 27 Apr 2022 15:35



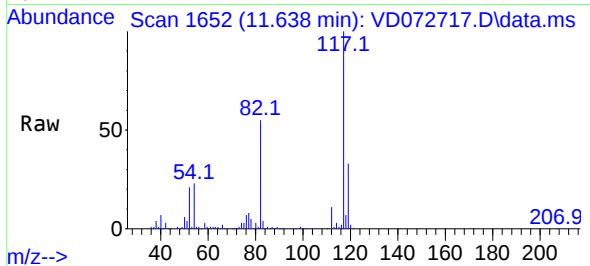
Tgt Ion: 95 Resp: 259012
Ion Ratio Lower Upper
95 100
174 74.0 0.0 152.8
176 71.9 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072717.D
Acq: 27 Apr 2022 15:35

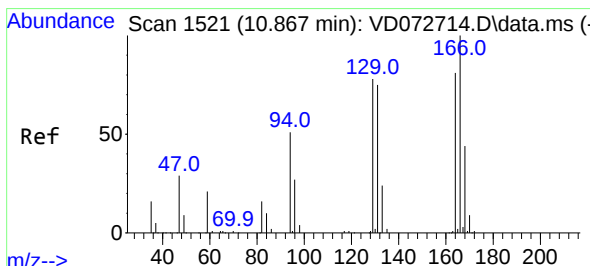
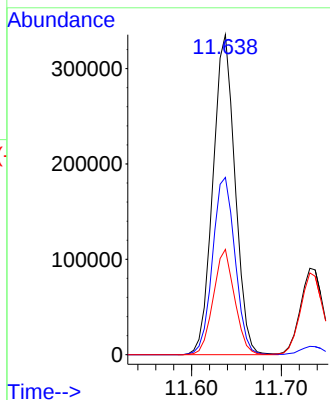
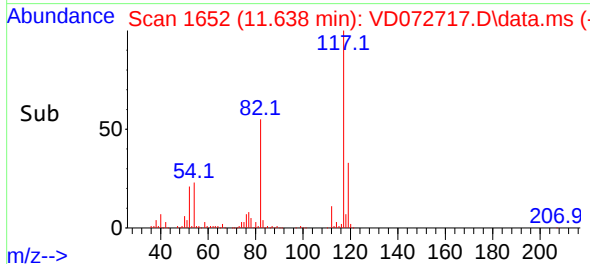
Instrument :
MSVOA_D
ClientSampleId :
ICVVD042722



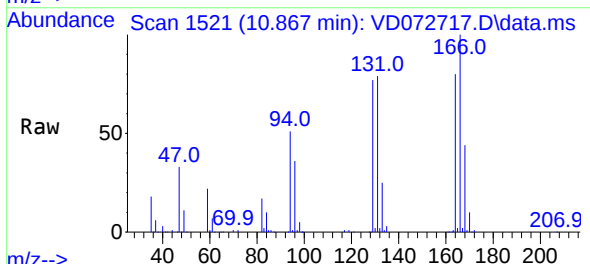
Tgt Ion:117 Resp: 57348
Ion Ratio Lower Upper
117 100
82 55.4 45.3 67.9
119 32.9 26.6 40.0

Manual Integrations
APPROVED

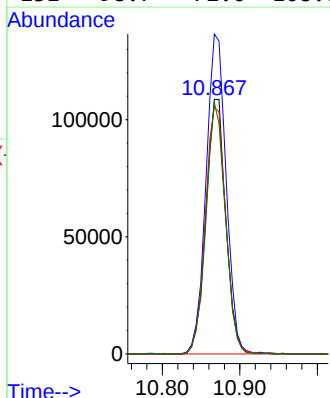
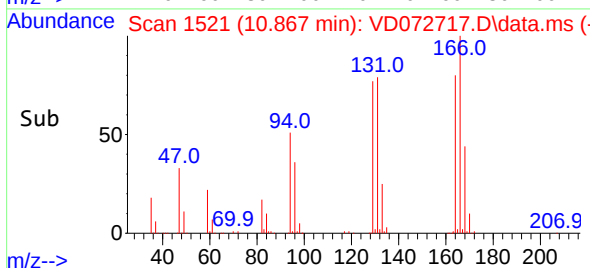
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

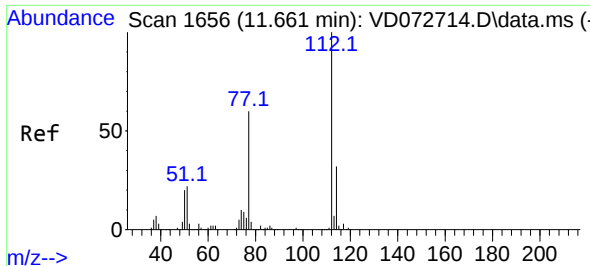


#64
Tetrachloroethene
Concen: 49.413 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD072717.D
Acq: 27 Apr 2022 15:35



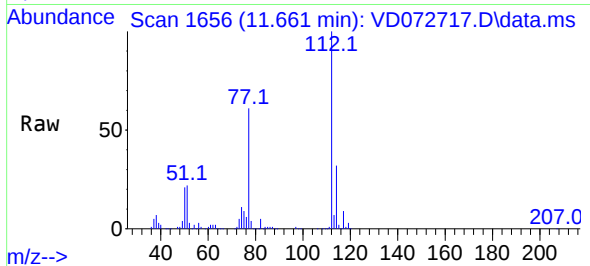
Tgt Ion:164 Resp: 194355
Ion Ratio Lower Upper
164 100
166 125.7 98.5 147.7
129 97.1 74.6 111.8
131 98.7 72.0 108.0





#65
Chlorobenzene
Concen: 48.797 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD072717.D
Acq: 27 Apr 2022 15:35

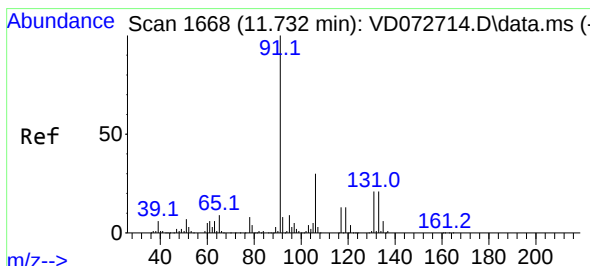
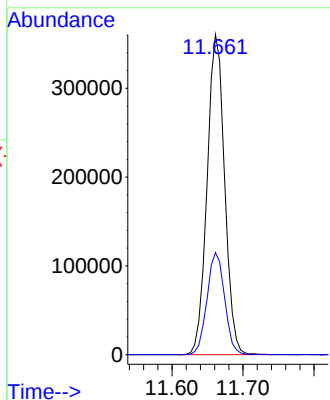
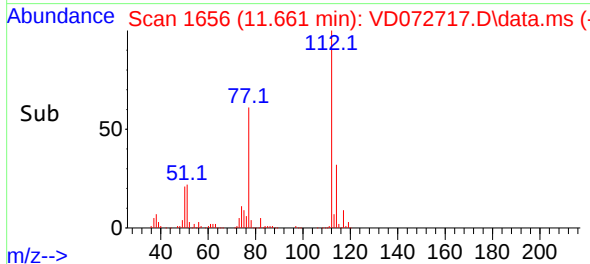
Instrument :
MSVOA_D
ClientSampleId :
ICVVD042722



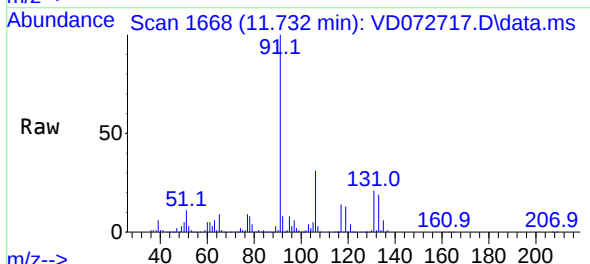
Tgt Ion:112 Resp: 61774
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.6

Manual Integrations
APPROVED

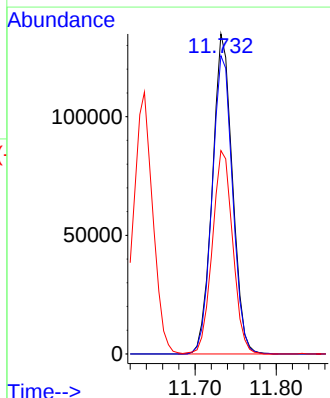
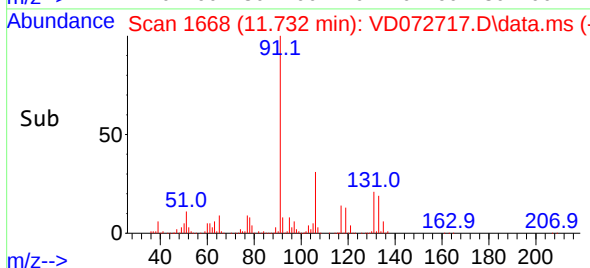
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

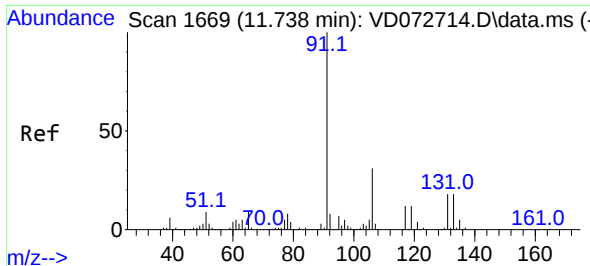


#66
1,1,1,2-Tetrachloroethane
Concen: 48.837 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD072717.D
Acq: 27 Apr 2022 15:35



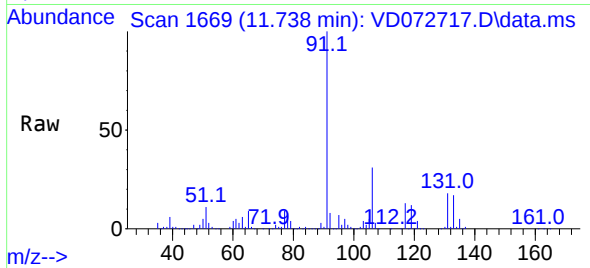
Tgt Ion:131 Resp: 231747
Ion Ratio Lower Upper
131 100
133 94.8 48.1 144.3
119 64.6 31.9 95.9





#67
Ethyl Benzene
Concen: 50.978 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD072717.D
Acq: 27 Apr 2022 15:35

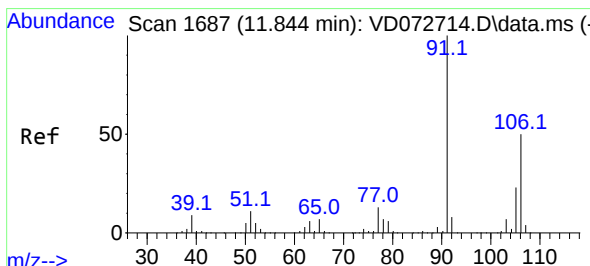
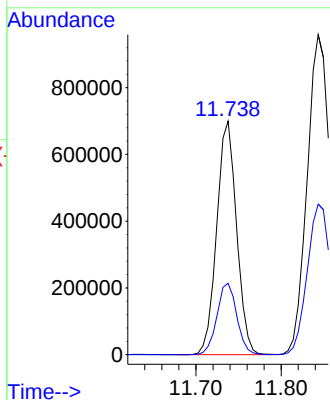
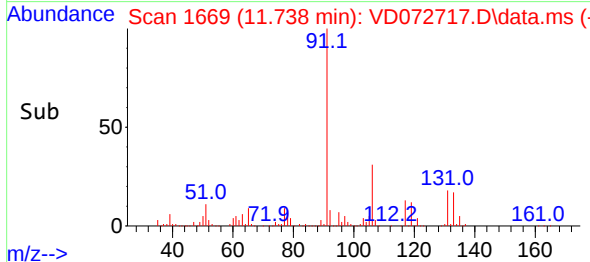
Instrument :
MSVOA_D
ClientSampleId :
ICVVD042722



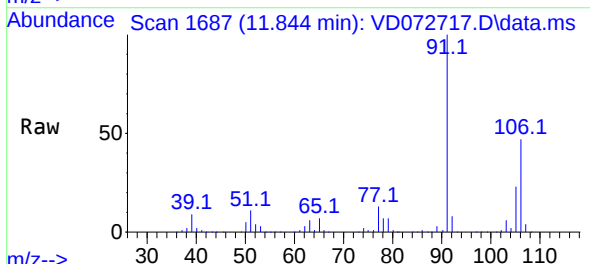
Tgt Ion: 91 Resp: 1133060
Ion Ratio Lower Upper
91 100
106 30.5 24.2 36.4

Manual Integrations
APPROVED

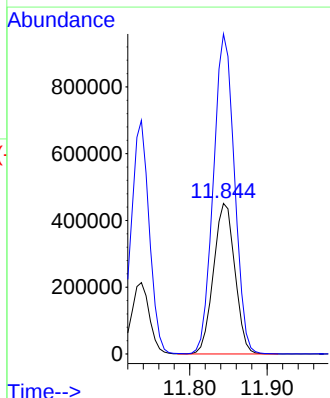
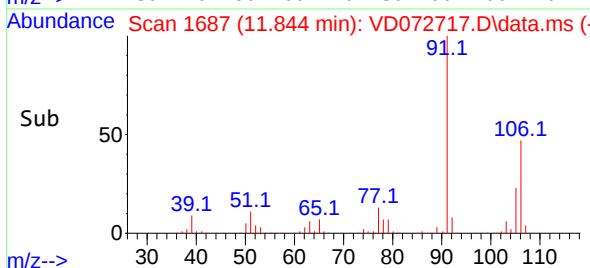
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

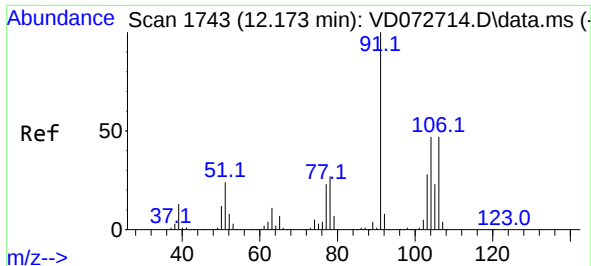


#68
m/p-Xylenes
Concen: 102.224 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VD072717.D
Acq: 27 Apr 2022 15:35



Tgt Ion:106 Resp: 866419
Ion Ratio Lower Upper
106 100
91 209.1 163.7 245.5





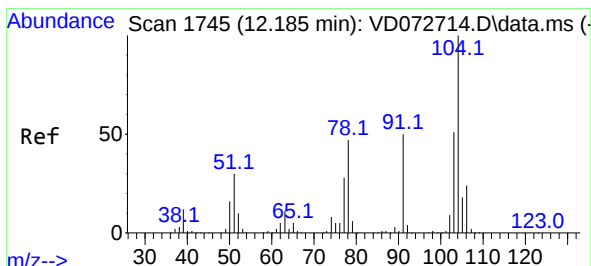
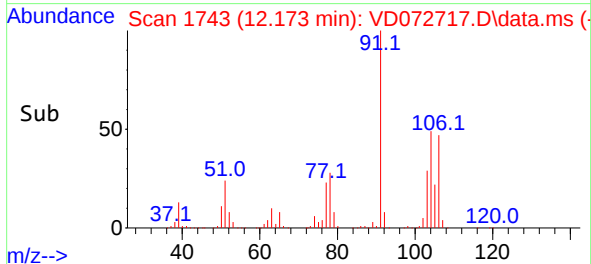
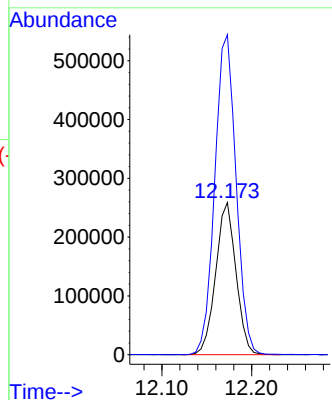
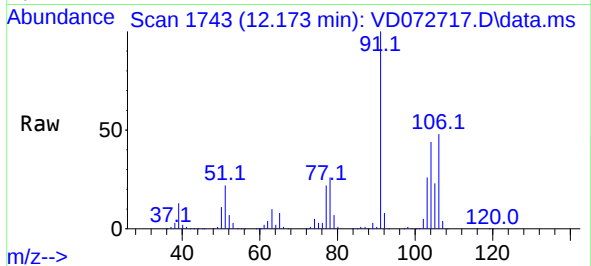
#69
o-Xylene
Concen: 50.715 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD072717.D
Acq: 27 Apr 2022 15:35

Instrument :
MSVOA_D
ClientSampleId :
ICVVD042722

Tgt Ion:106 Resp: 406220
Ion Ratio Lower Upper
106 100
91 220.5 110.4 331.2

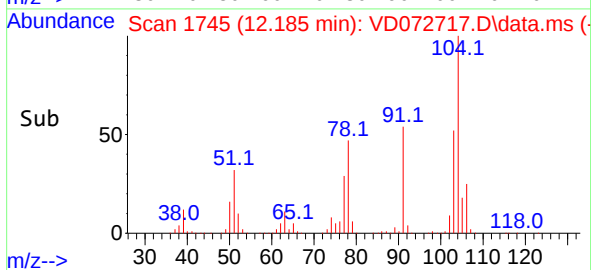
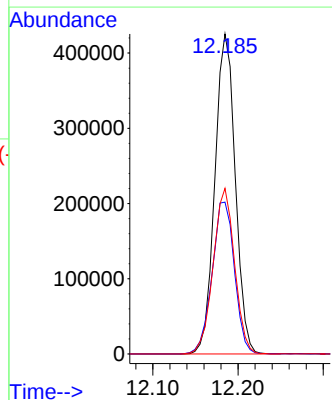
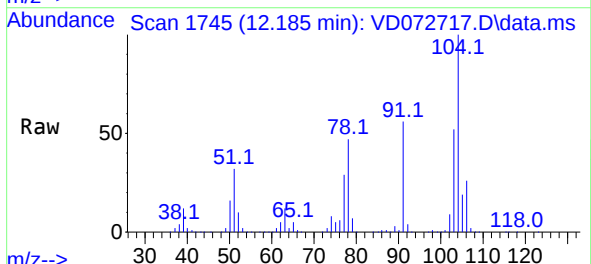
Manual Integrations
APPROVED

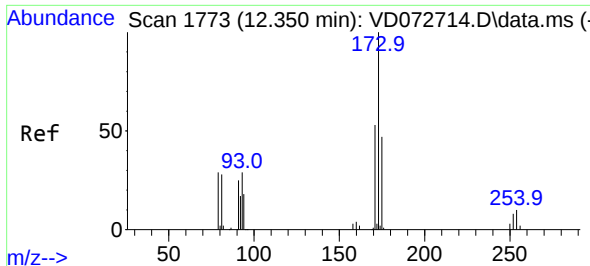
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#70
Styrene
Concen: 51.927 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD072717.D
Acq: 27 Apr 2022 15:35

Tgt Ion:104 Resp: 707881
Ion Ratio Lower Upper
104 100
78 52.0 41.8 62.8
103 54.2 44.2 66.4





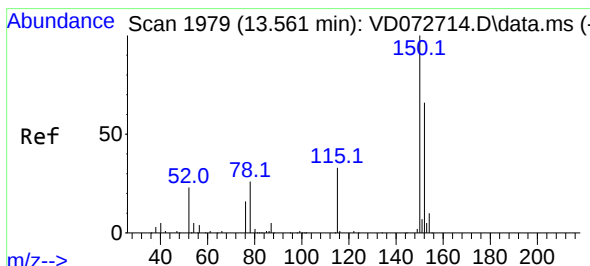
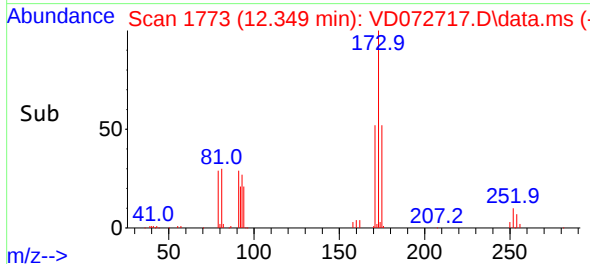
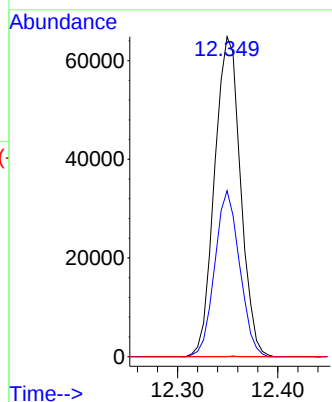
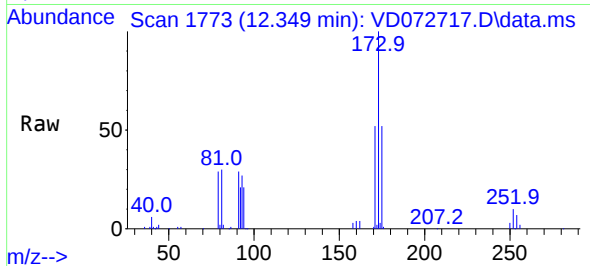
#71
Bromoform
Concen: 45.720 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. -0.001 min
Lab File: VD072717.D
Acq: 27 Apr 2022 15:35

Instrument :
MSVOA_D
ClientSampleId :
ICVVD042722

Tgt Ion:173 Resp: 116463
Ion Ratio Lower Upper
173 100
175 49.7 23.9 71.8
254 0.1 0.0 0.0

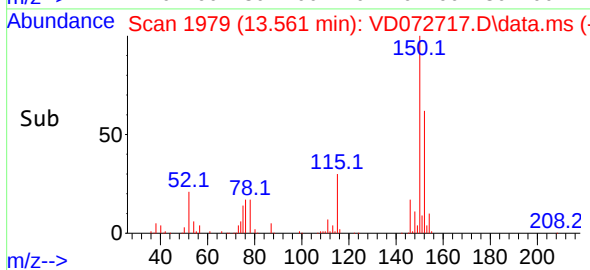
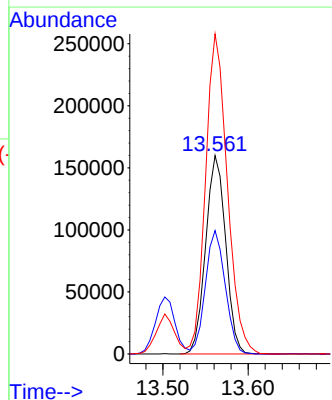
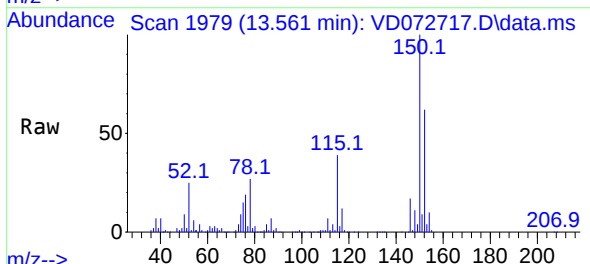
Manual Integrations
APPROVED

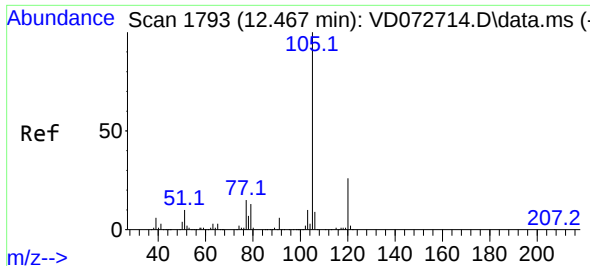
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072717.D
Acq: 27 Apr 2022 15:35

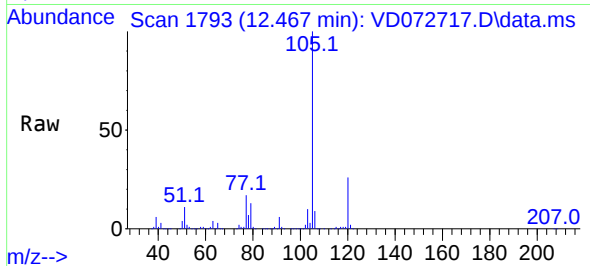
Tgt Ion:152 Resp: 260759
Ion Ratio Lower Upper
152 100
115 61.6 31.3 93.8
150 175.6 0.0 348.6





#73
Isopropylbenzene
Concen: 53.216 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD072717.D
Acq: 27 Apr 2022 15:35

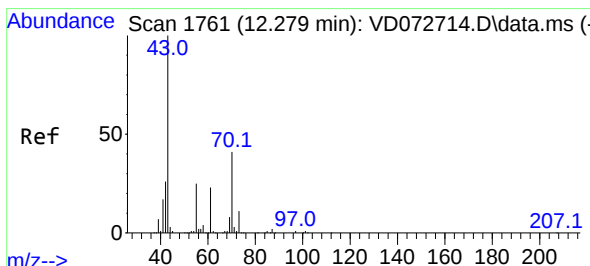
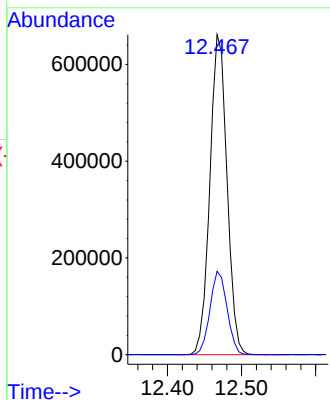
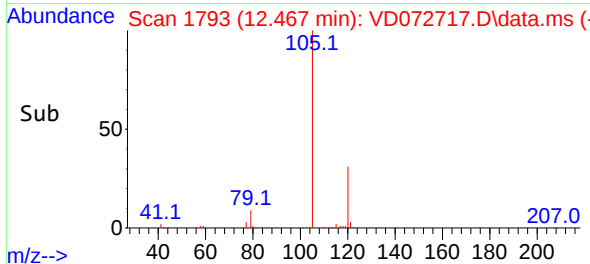
Instrument :
MSVOA_D
ClientSampleId :
ICVVD042722



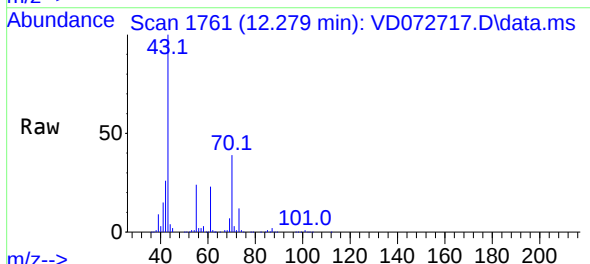
Tgt Ion:105 Resp: 106072
Ion Ratio Lower Upper
105 100
120 25.9 13.0 38.9

Manual Integrations
APPROVED

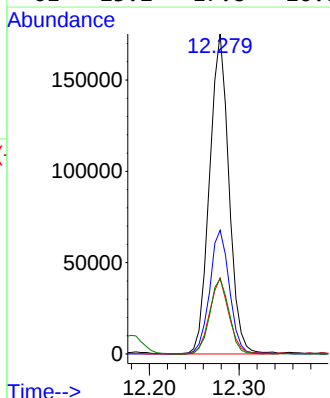
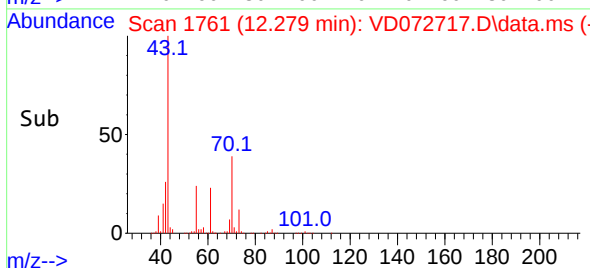
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

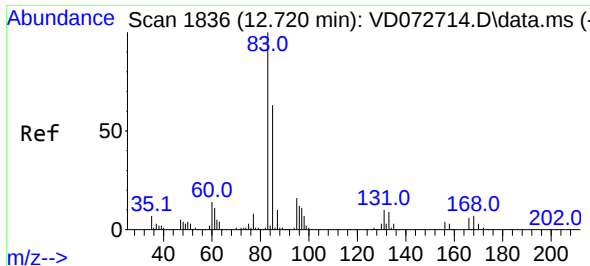


#74
N-ethyl acetate
Concen: 51.192 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD072717.D
Acq: 27 Apr 2022 15:35



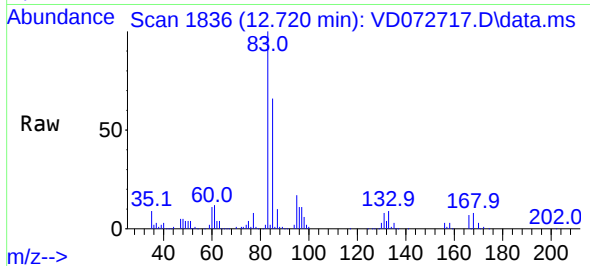
Tgt Ion: 43 Resp: 263610
Ion Ratio Lower Upper
43 100
70 39.4 31.3 46.9
55 23.7 20.0 30.0
61 23.2 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 48.233 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD072717.D
Acq: 27 Apr 2022 15:35

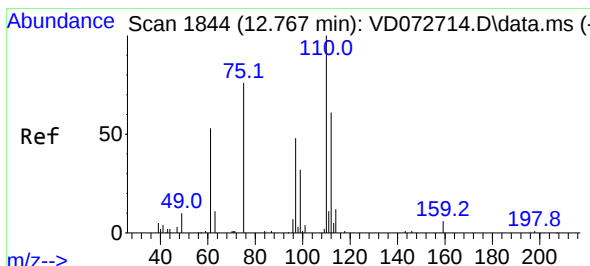
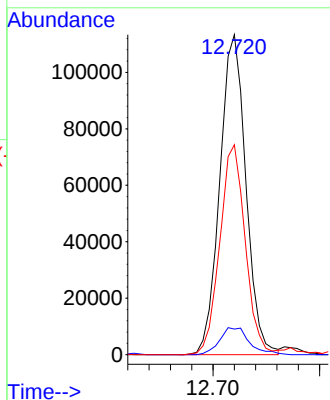
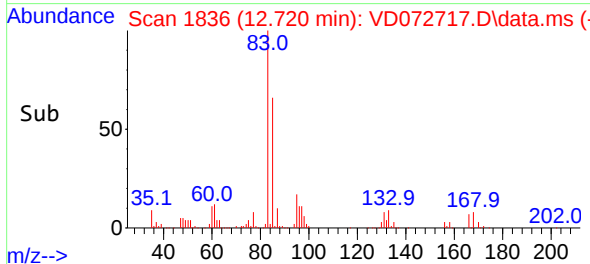
Instrument :
MSVOA_D
ClientSampleId :
ICVVD042722



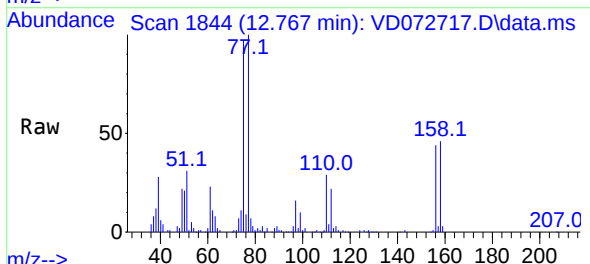
Tgt Ion: 83 Resp: 192678
Ion Ratio Lower Upper
83 100
131 9.6 5.0 14.9
85 63.8 32.6 98.0

Manual Integrations
APPROVED

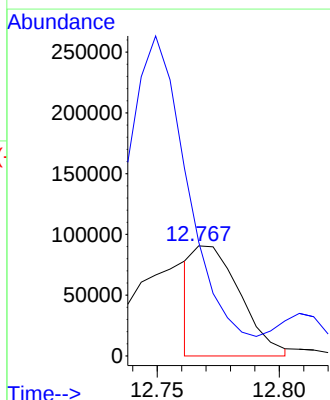
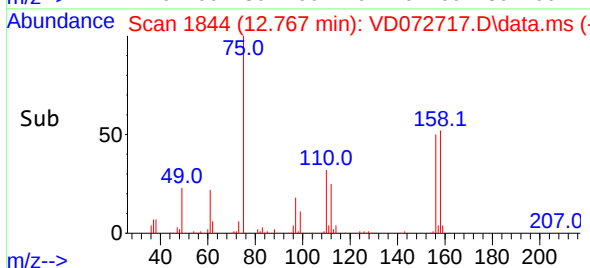
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

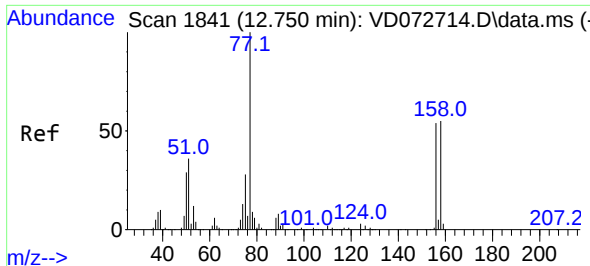


#76
1,2,3-Trichloropropane
Concen: 41.119 ug/l m
RT: 12.767 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VD072717.D
Acq: 27 Apr 2022 15:35



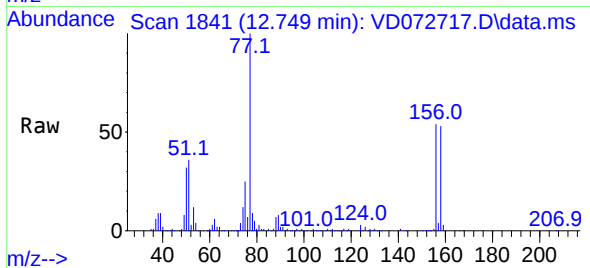
Tgt Ion: 75 Resp: 120994
Ion Ratio Lower Upper
75 100
77 398.0 0.0 0.0#





#77
Bromobenzene
Concen: 50.072 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.001 min
Lab File: VD072717.D
Acq: 27 Apr 2022 15:35

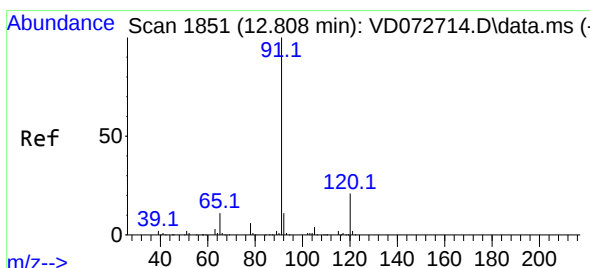
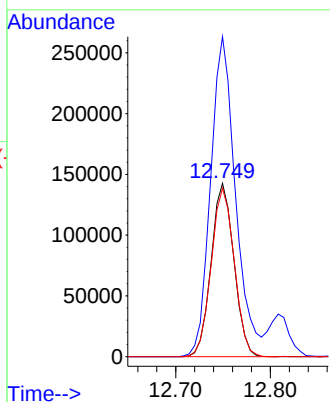
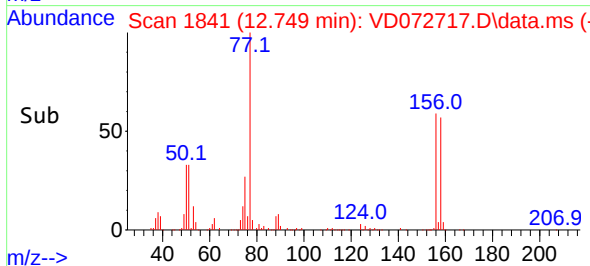
Instrument :
MSVOA_D
ClientSampleId :
ICVVD042722



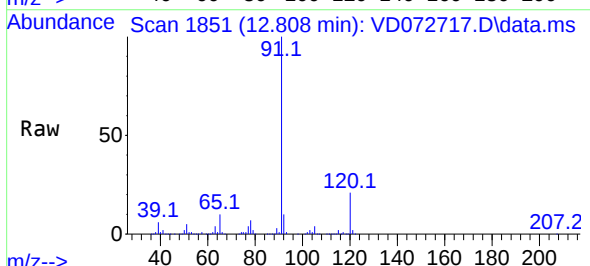
Tgt Ion:156 Resp: 237652
Ion Ratio Lower Upper
156 100
77 202.6 102.8 308.3
158 98.8 48.7 146.1

Manual Integrations
APPROVED

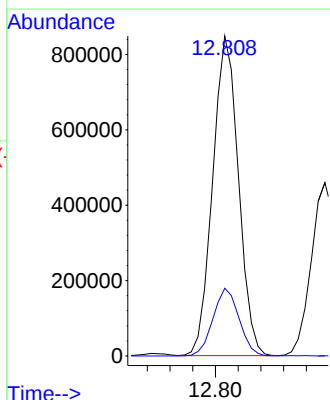
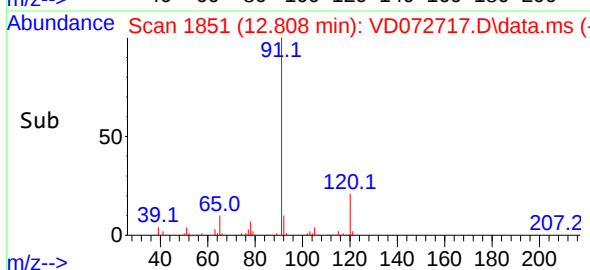
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

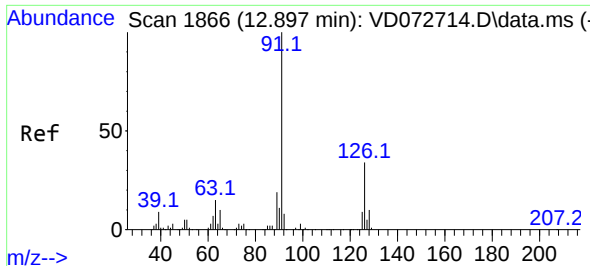


#78
n-propylbenzene
Concen: 53.590 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD072717.D
Acq: 27 Apr 2022 15:35



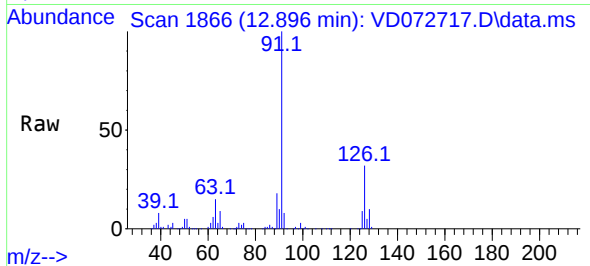
Tgt Ion: 91 Resp: 1335032
Ion Ratio Lower Upper
91 100
120 21.4 10.9 32.9





#79
2-Chlorotoluene
Concen: 51.905 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. -0.001 min
Lab File: VD072717.D
Acq: 27 Apr 2022 15:35

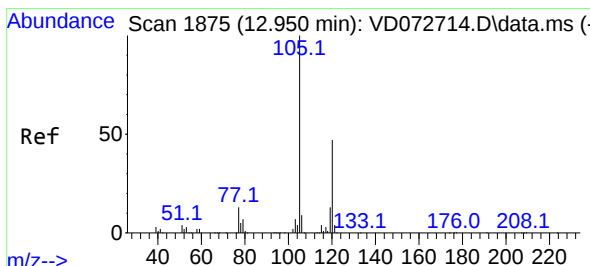
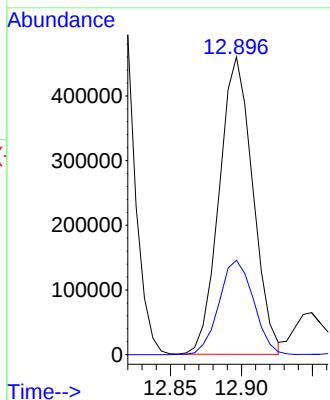
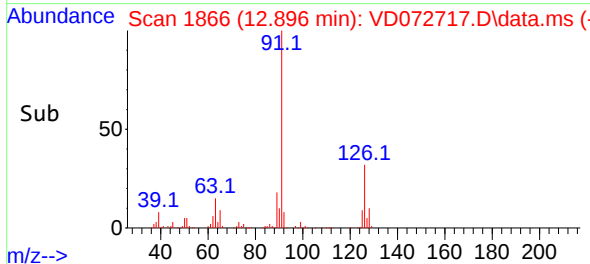
Instrument :
MSVOA_D
ClientSampleId :
ICVVD042722



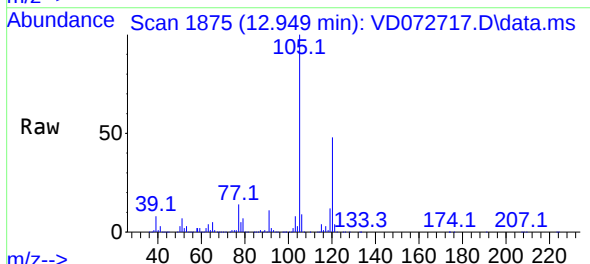
Tgt Ion: 91 Resp: 756679
Ion Ratio Lower Upper
91 100
126 32.7 16.2 48.6

Manual Integrations
APPROVED

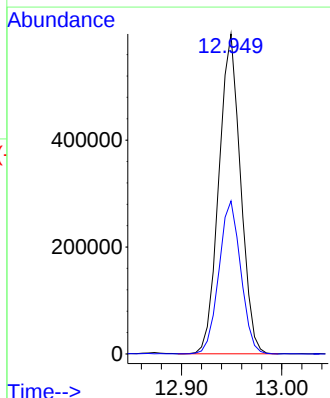
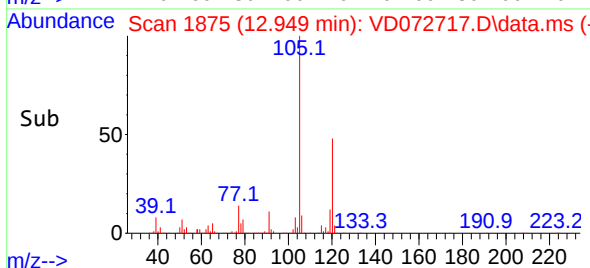
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

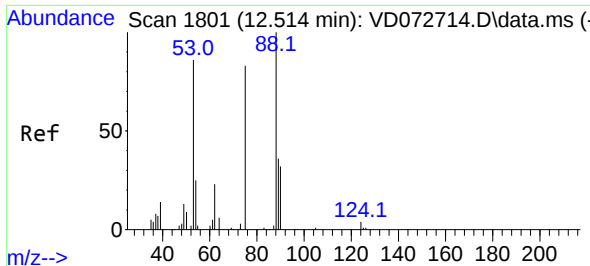


#80
1,3,5-Trimethylbenzene
Concen: 53.105 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.001 min
Lab File: VD072717.D
Acq: 27 Apr 2022 15:35



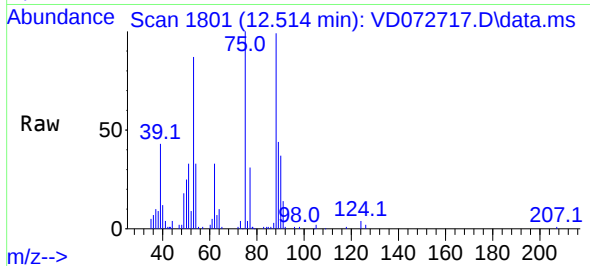
Tgt Ion:105 Resp: 894956
Ion Ratio Lower Upper
105 100
120 48.2 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 49.809 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD072717.D
Acq: 27 Apr 2022 15:35

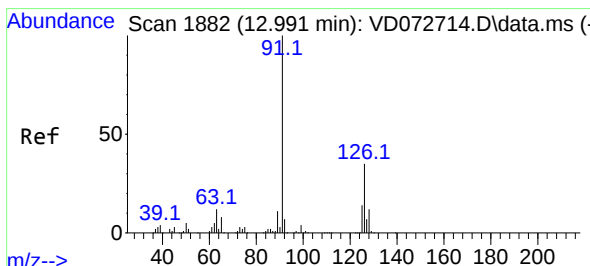
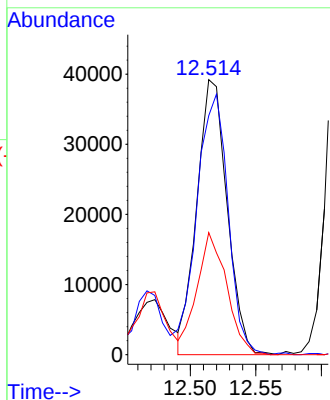
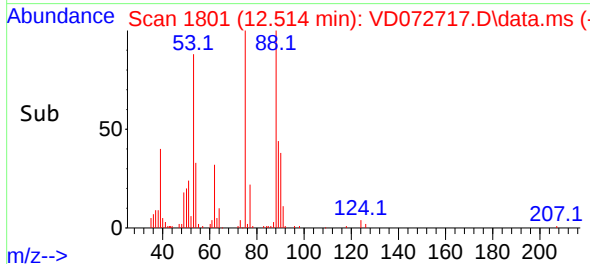
Instrument :
MSVOA_D
ClientSampleId :
ICVVD042722



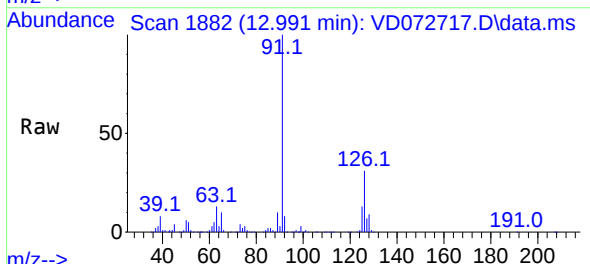
Tgt Ion: 75 Resp: 63075
Ion Ratio Lower Upper
75 100
53 98.5 86.5 129.7
89 43.7 33.9 50.9

Manual Integrations
APPROVED

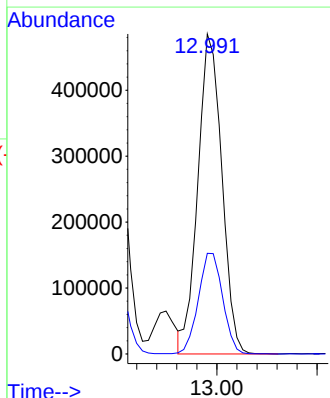
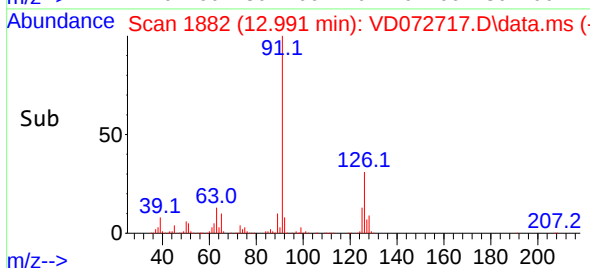
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

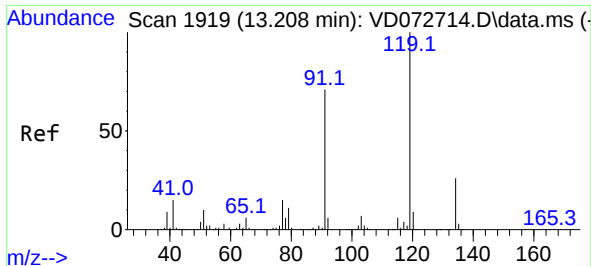


#82
4-Chlorotoluene
Concen: 52.475 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VD072717.D
Acq: 27 Apr 2022 15:35



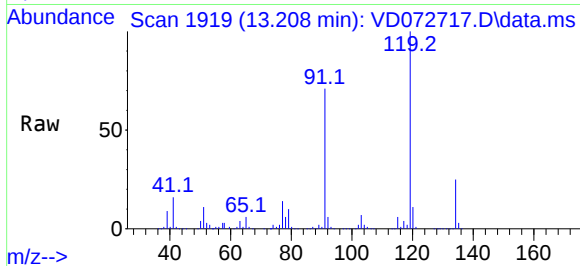
Tgt Ion: 91 Resp: 805263
Ion Ratio Lower Upper
91 100
126 32.0 16.5 49.5





#83
tert-Butylbenzene
Concen: 53.239 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD072717.D
Acq: 27 Apr 2022 15:35

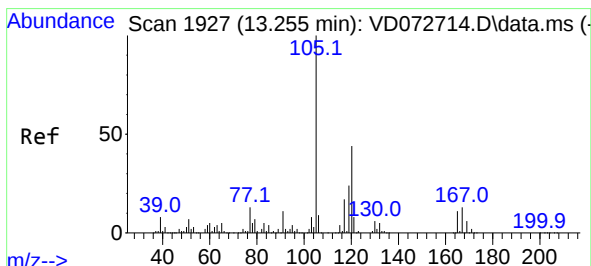
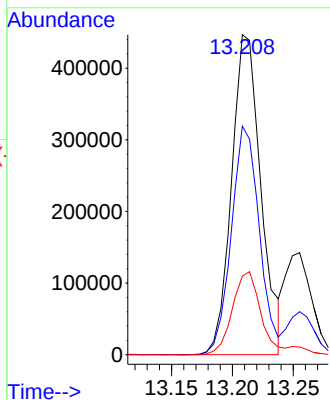
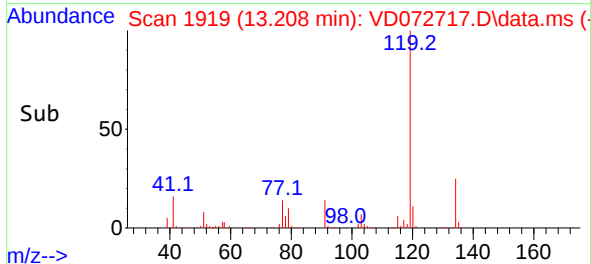
Instrument :
MSVOA_D
ClientSampleId :
ICVVD042722



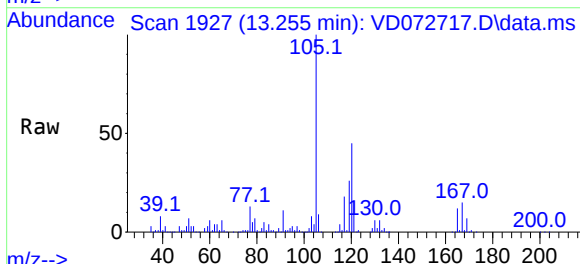
Tgt Ion:119 Resp: 750482
Ion Ratio Lower Upper
119 100
91 68.1 34.8 104.5
134 25.0 13.3 39.9

Manual Integrations
APPROVED

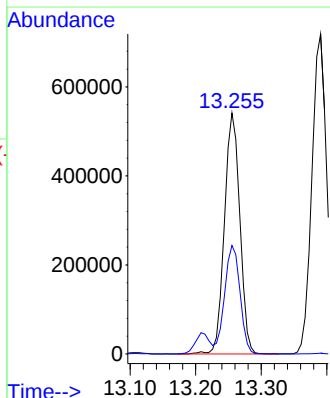
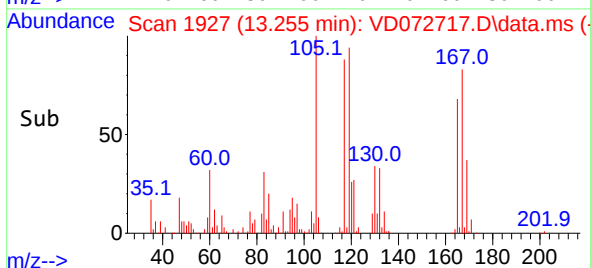
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

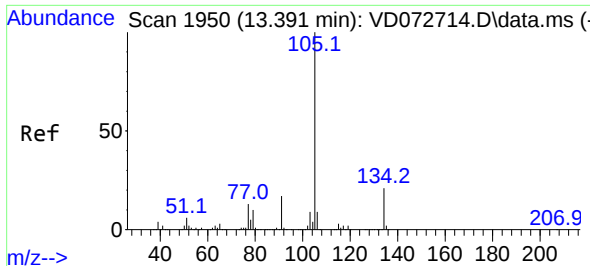


#84
1,2,4-Trimethylbenzene
Concen: 52.452 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD072717.D
Acq: 27 Apr 2022 15:35



Tgt Ion:105 Resp: 882663
Ion Ratio Lower Upper
105 100
120 45.1 22.3 66.8





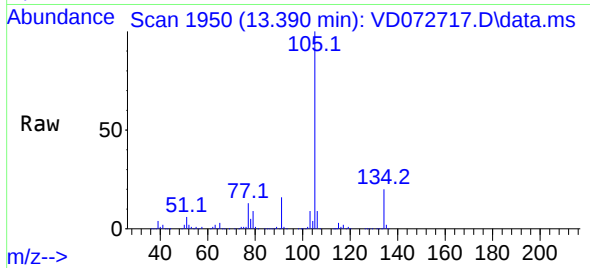
#85
 sec-Butylbenzene
 Concen: 53.218 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. -0.001 min
 Lab File: VD072717.D
 Acq: 27 Apr 2022 15:35

Instrument :

MSVOA_D

ClientSampleId :

ICVVD042722

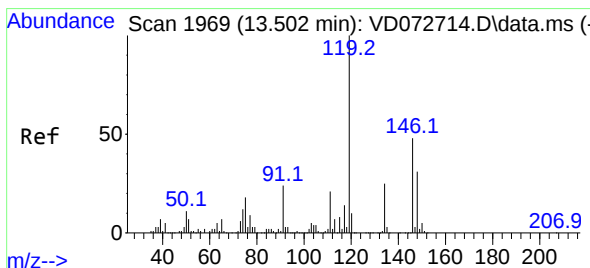
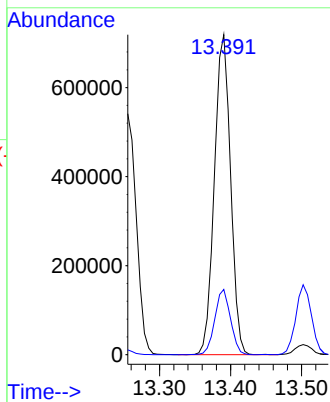
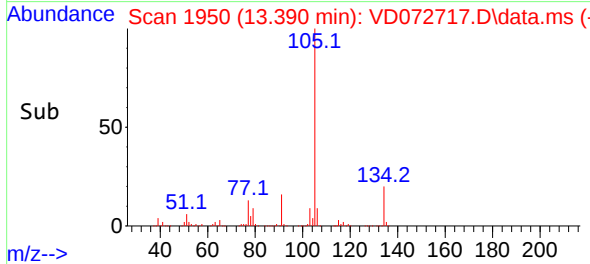


Tgt Ion:105 Resp: 1133264
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.3

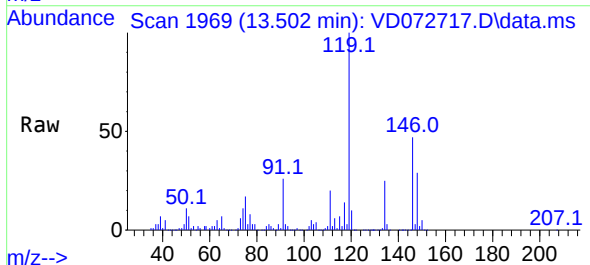
Manual Integrations

APPROVED

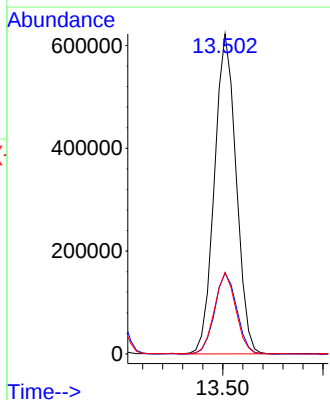
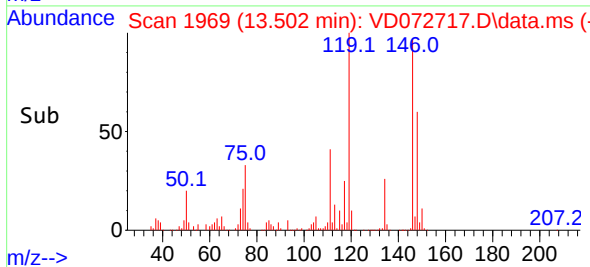
Reviewed By :John Carlone 04/28/2022
 Supervised By :Mahesh Dadoda 04/28/2022

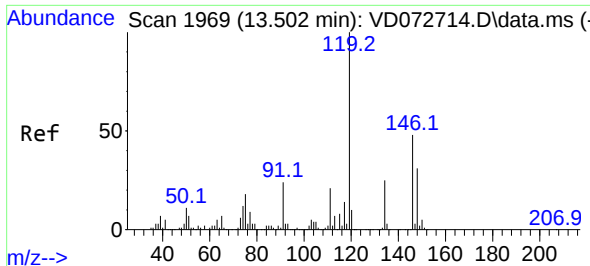


#86
 p-Isopropyltoluene
 Concen: 53.645 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD072717.D
 Acq: 27 Apr 2022 15:35



Tgt Ion:119 Resp: 935023
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.9 38.6
 91 24.8 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 50.123 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD072717.D

Acq: 27 Apr 2022 15:35

Instrument :

MSVOA_D

ClientSampleId :

ICVVD042722

Tgt Ion:146 Resp: 468040

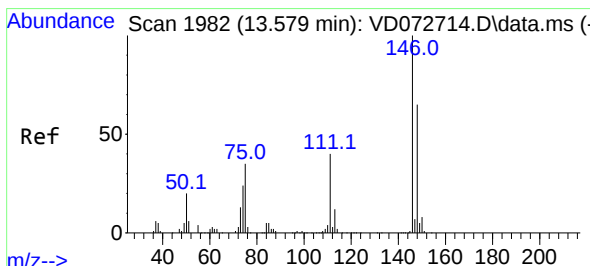
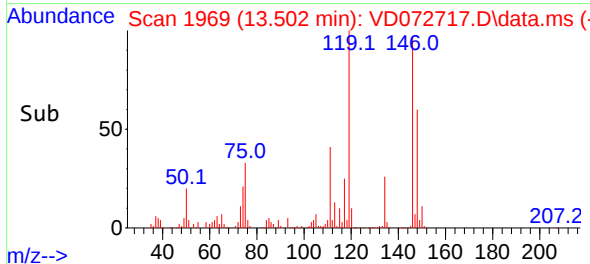
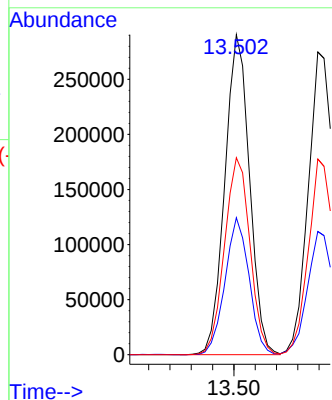
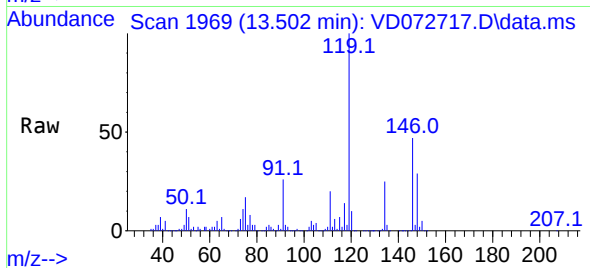
Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.4	61.3
148	63.4	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2022

Supervised By :Mahesh Dadoda 04/28/2022



#88

1,4-Dichlorobenzene

Concen: 49.321 ug/l

RT: 13.579 min Scan# 1982

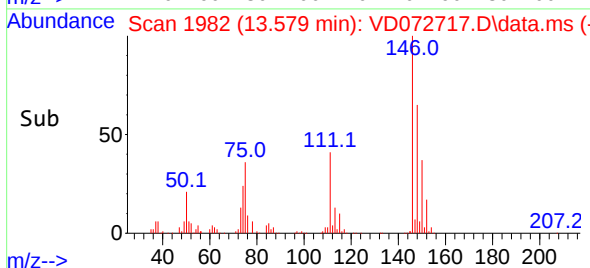
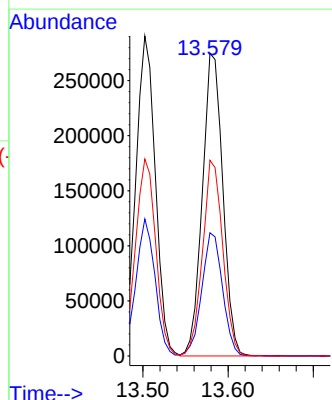
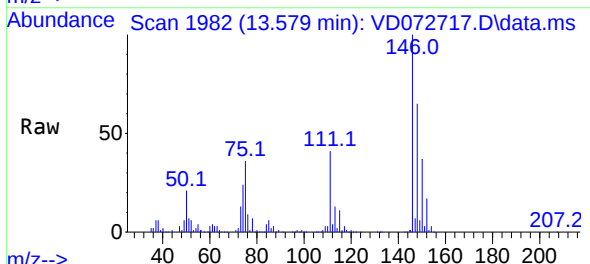
Delta R.T. -0.000 min

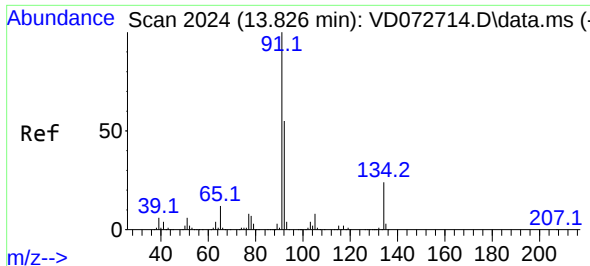
Lab File: VD072717.D

Acq: 27 Apr 2022 15:35

Tgt Ion:146 Resp: 459403

Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.3	60.9
148	64.1	31.7	95.1





#89
n-Butylbenzene
Concen: 53.518 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. -0.000 min
Lab File: VD072717.D
Acq: 27 Apr 2022 15:35

Instrument :

MSVOA_D

ClientSampleId :

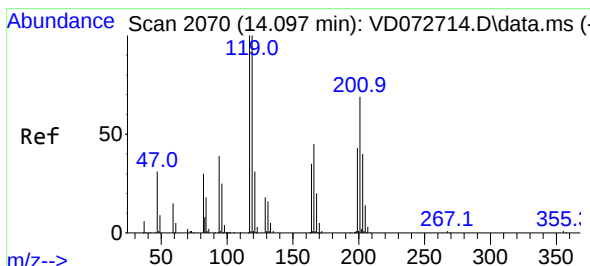
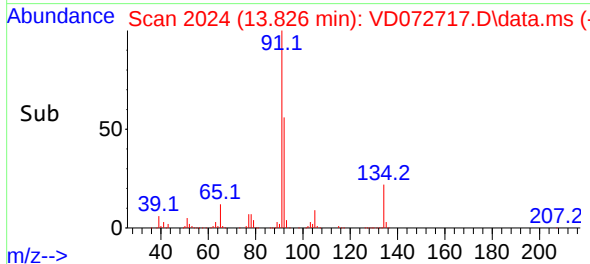
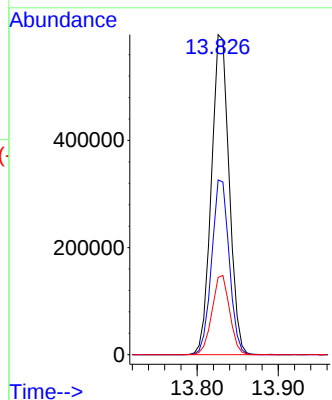
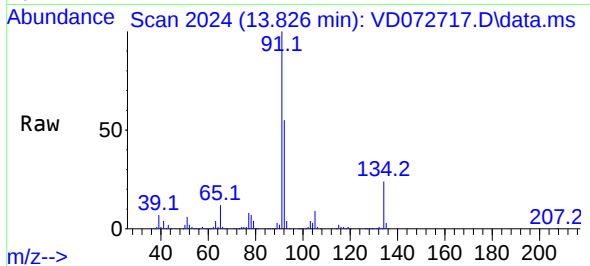
ICVVD042722

Tgt Ion: 91 Resp: 90754
Ion Ratio Lower Upper
91 100
92 53.9 26.6 79.8
134 24.6 12.3 36.9

Manual Integrations

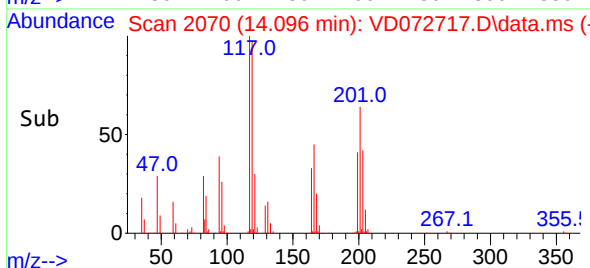
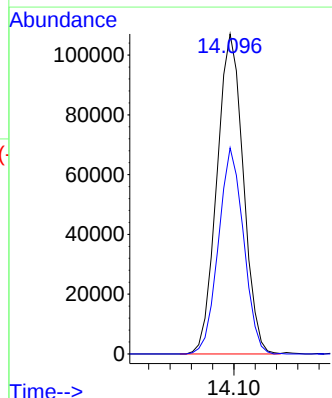
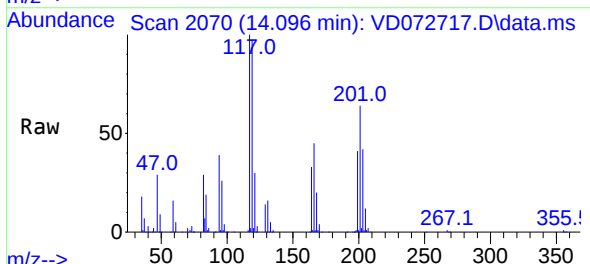
APPROVED

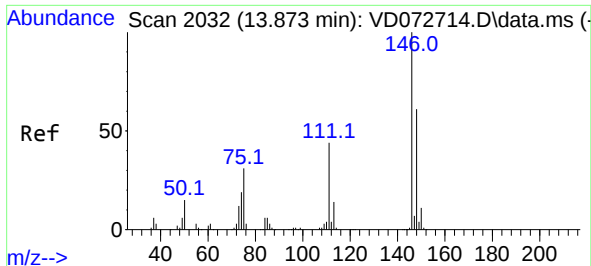
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#90
Hexachloroethane
Concen: 52.584 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. -0.001 min
Lab File: VD072717.D
Acq: 27 Apr 2022 15:35

Tgt Ion:117 Resp: 183801
Ion Ratio Lower Upper
117 100
201 61.4 33.4 100.2





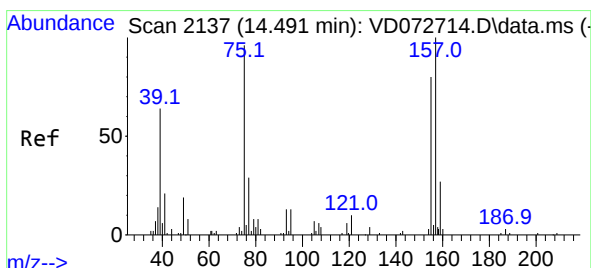
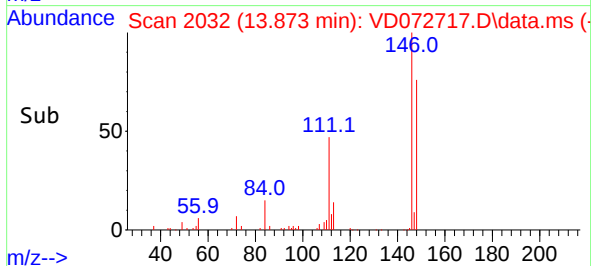
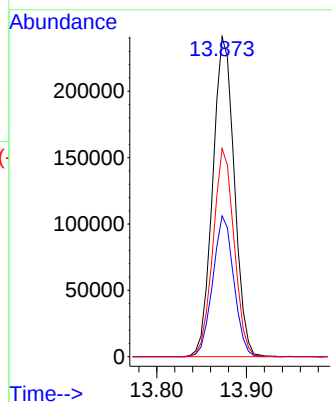
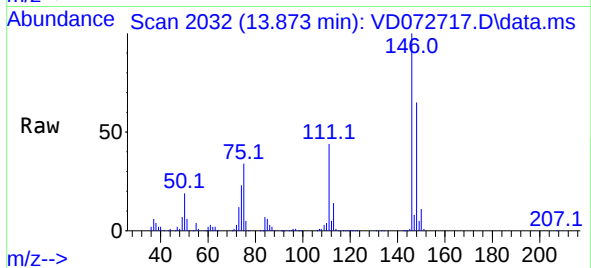
#91
1,2-Dichlorobenzene
Concen: 49.108 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD072717.D
Acq: 27 Apr 2022 15:35

Instrument :
MSVOA_D
ClientSampleId :
ICVVD042722

Tgt Ion:146 Resp: 40230
Ion Ratio Lower Upper
146 100
111 42.8 21.1 63.3
148 63.5 31.7 95.1

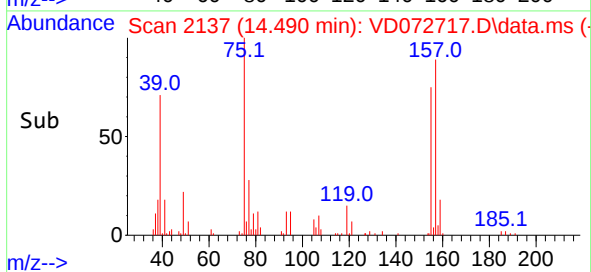
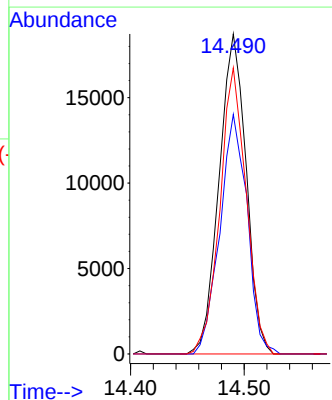
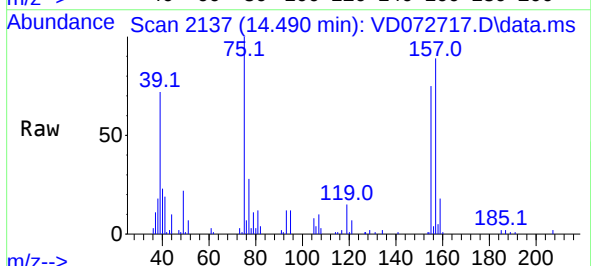
Manual Integrations
APPROVED

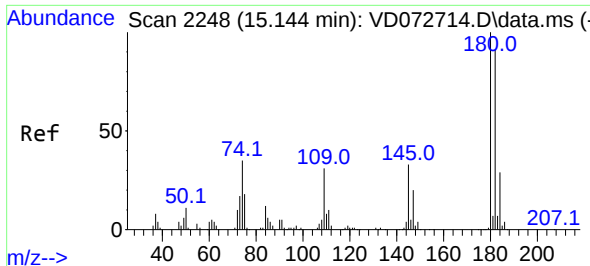
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.217 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. -0.001 min
Lab File: VD072717.D
Acq: 27 Apr 2022 15:35

Tgt Ion: 75 Resp: 30964
Ion Ratio Lower Upper
75 100
155 75.2 36.8 110.3
157 87.0 48.4 145.0





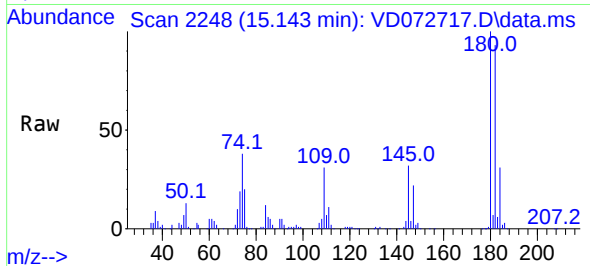
#93
1,2,4-Trichlorobenzene
Concen: 51.003 ug/l
RT: 15.143 min Scan# 21
Delta R.T. -0.001 min
Lab File: VD072717.D
Acq: 27 Apr 2022 15:35

Instrument :

MSVOA_D

ClientSampleId :

ICVVD042722

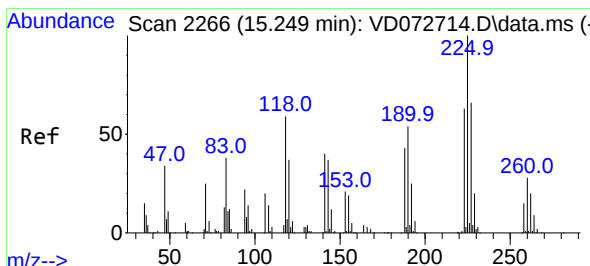
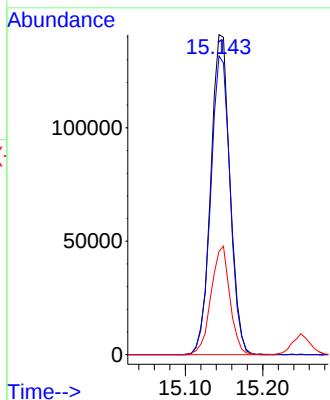
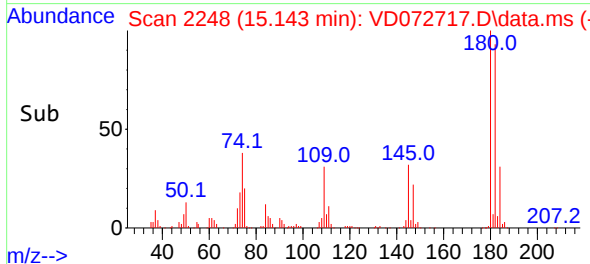


Tgt Ion:180 Resp: 24273
Ion Ratio Lower Upper
180 100
182 94.2 47.3 142.0
145 33.3 16.2 48.5

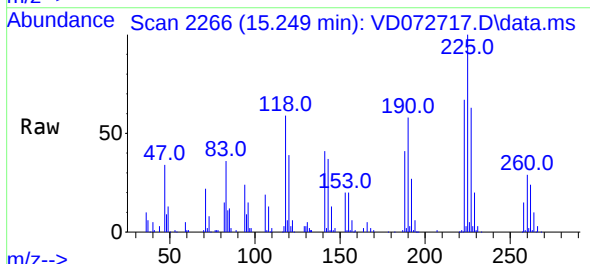
Manual Integrations

APPROVED

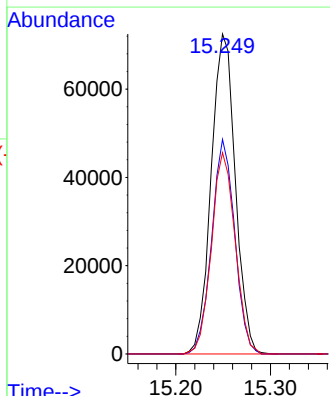
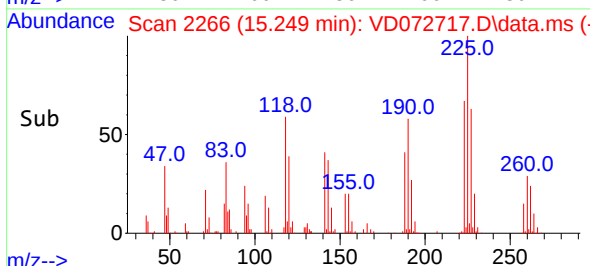
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

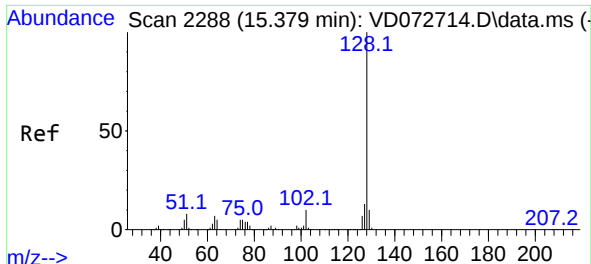


#94
Hexachlorobutadiene
Concen: 50.750 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. 0.000 min
Lab File: VD072717.D
Acq: 27 Apr 2022 15:35



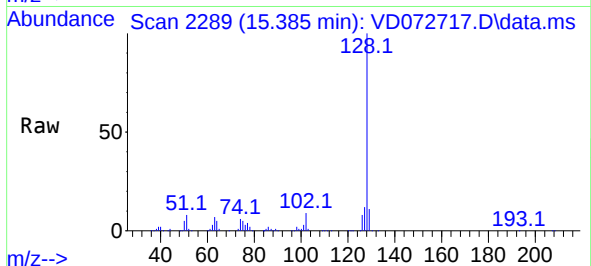
Tgt Ion:225 Resp: 128241
Ion Ratio Lower Upper
225 100
223 63.9 31.1 93.2
227 61.8 32.4 97.0





#95
Naphthalene
Concen: 51.172 ug/l
RT: 15.385 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD072717.D
Acq: 27 Apr 2022 15:35

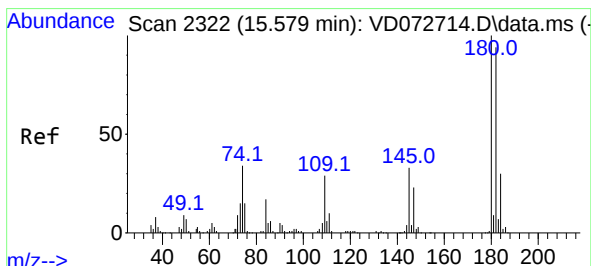
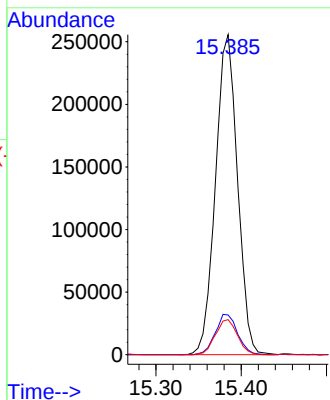
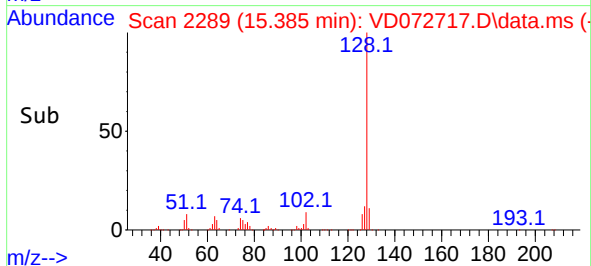
Instrument :
MSVOA_D
ClientSampleId :
ICVVD042722



Tgt Ion:128 Resp: 458598
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.0 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#96
1,2,3-Trichlorobenzene
Concen: 49.955 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. -0.006 min
Lab File: VD072717.D
Acq: 27 Apr 2022 15:35

Tgt Ion:180 Resp: 209556
Ion Ratio Lower Upper
180 100
182 94.7 47.6 142.9
145 35.4 17.1 51.3

