

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042722\
 Data File : VD072712.D
 Acq On : 27 Apr 2022 12:32
 Operator : VA/SY
 Sample : VSTDIC010
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

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

Quant Time: Apr 27 14:00:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D042722S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 27 13:58:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	294657	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	522784	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	514768	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	243354	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	42134	11.888	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	23.780%#		
35) Dibromofluoromethane	7.908	113	36493	9.369	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	18.740%#		
50) Toluene-d8	10.332	98	124694	9.201	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	18.400%#		
62) 4-Bromofluorobenzene	12.620	95	49154	9.257	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	18.520%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	36839	14.971	ug/l	96
3) Chloromethane	2.209	50	43411	18.306	ug/l	99
4) Vinyl Chloride	2.350	62	39175	16.448	ug/l	94
5) Bromomethane	2.762	94	26153	15.123	ug/l	95
6) Chloroethane	2.920	64	23105	14.136	ug/l	95
7) Trichlorofluoromethane	3.279	101	59648	11.897	ug/l	92
8) Diethyl Ether	3.709	74	19834	13.048	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.097	101	34289	10.440	ug/l	98
10) Methyl Iodide	4.303	142	32758	12.033	ug/l	98
11) Tert butyl alcohol	5.197	59	28641	143.338	ug/l #	74
12) 1,1-Dichloroethene	4.073	96	31693	12.079	ug/l	93
13) Acrolein	3.920	56	19125	155.306	ug/l	98
14) Allyl chloride	4.709	41	56491	13.238	ug/l	92
15) Acrylonitrile	5.420	53	48811	64.382	ug/l	100
16) Acetone	4.156	43	43484	65.463	ug/l #	83
17) Carbon Disulfide	4.409	76	107890	20.354	ug/l	99
18) Methyl Acetate	4.720	43	24259	12.716	ug/l #	79
19) Methyl tert-butyl Ether	5.473	73	88912	11.613	ug/l	97
20) Methylene Chloride	4.961	84	106666	25.841	ug/l	90
21) trans-1,2-Dichloroethene	5.467	96	39237	13.287	ug/l	87
22) Diisopropyl ether	6.361	45	125205	11.801	ug/l #	94
23) Vinyl Acetate	6.303	43	370057	70.935	ug/l	96
24) 1,1-Dichloroethane	6.261	63	72782	11.489	ug/l	97
25) 2-Butanone	7.208	43	63415	68.506	ug/l	92
26) 2,2-Dichloropropane	7.203	77	58324	10.511	ug/l	98
27) cis-1,2-Dichloroethene	7.203	96	43431	11.030	ug/l	95
28) Bromochloromethane	7.538	49	30916	11.256	ug/l	87
29) Tetrahydrofuran	7.561	42	38833	68.596	ug/l	97
30) Chloroform	7.708	83	77258	10.957	ug/l	95
31) Cyclohexane	7.985	56	62484	13.296	ug/l	91
32) 1,1,1-Trichloroethane	7.897	97	60790	10.255	ug/l	99
36) 1,1-Dichloropropene	8.108	75	52091	11.186	ug/l	98
37) Ethyl Acetate	7.291	43	29373	13.494	ug/l	97
38) Carbon Tetrachloride	8.091	117	52582	9.818	ug/l #	89
39) Methylcyclohexane	9.349	83	56110	10.996	ug/l	91
40) Benzene	8.350	78	154176	11.143	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	15775	13.025	ug/l #	85
42) 1,2-Dichloroethane	8.420	62	56887	13.280	ug/l	100
43) Isopropyl Acetate	8.450	43	53264	12.833	ug/l	95
44) Trichloroethene	9.108	130	42514	10.977	ug/l	94
45) 1,2-Dichloropropane	9.385	63	42123	10.918	ug/l	94
46) Dibromomethane	9.467	93	26048	12.738	ug/l	97
47) Bromodichloromethane	9.655	83	61624	10.626	ug/l	91
48) Methyl methacrylate	9.449	41	27074	13.258	ug/l	96
49) 1,4-Dioxane	9.455	88	5965	244.188	ug/l	98
51) 4-Methyl-2-Pentanone	10.220	43	141025	63.649	ug/l	100
52) Toluene	10.396	92	96955	10.630	ug/l	96
53) t-1,3-Dichloropropene	10.614	75	58852	11.634	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	67850	11.340	ug/l	93
55) 1,1,2-Trichloroethane	10.791	97	35043	11.487	ug/l	90
56) Ethyl methacrylate	10.655	69	37711	10.886	ug/l	95
57) 1,3-Dichloropropane	10.938	76	58874	11.563	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.938	63	82412	52.001	ug/l	96
59) 2-Hexanone	10.979	43	92424	61.357	ug/l	98
60) Dibromochloromethane	11.132	129	42243	10.787	ug/l	96
61) 1,2-Dibromoethane	11.238	107	32978	11.994	ug/l	99
64) Tetrachloroethene	10.867	164	31582	9.722	ug/l	93
65) Chlorobenzene	11.661	112	108123	9.761	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	42066	9.541	ug/l	97
67) Ethyl Benzene	11.738	91	174400	9.041	ug/l	100
68) m/p-Xylenes	11.843	106	131053	17.867	ug/l	99
69) o-Xylene	12.167	106	61904	8.742	ug/l	100
70) Styrene	12.185	104	106418	8.563	ug/l	96
71) Bromoform	12.349	173	23480	9.971	ug/l #	98
73) Isopropylbenzene	12.473	105	156280	8.302	ug/l	99
74) N-amyl acetate	12.279	43	47893	11.539	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	39424	10.708	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	34289m	12.895	ug/l	
77) Bromobenzene	12.749	156	43308	10.103	ug/l	97
78) n-propylbenzene	12.808	91	196233	8.587	ug/l	100
79) 2-Chlorotoluene	12.896	91	120747	9.021	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	135297	8.356	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	12420	11.601	ug/l	91
82) 4-Chlorotoluene	12.990	91	131636	9.389	ug/l	100
83) tert-Butylbenzene	13.208	119	107772	7.739	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	136044	8.557	ug/l	99
85) sec-Butylbenzene	13.390	105	163502	7.826	ug/l	98
86) p-Isopropyltoluene	13.502	119	135817	7.924	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	84342	9.543	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	83952	9.428	ug/l	95
89) n-Butylbenzene	13.826	91	130419	7.979	ug/l	99
90) Hexachloroethane	14.096	117	27755	7.884	ug/l	98
91) 1,2-Dichlorobenzene	13.873	146	74507	9.580	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.490	75	6703	12.227	ug/l	92
93) 1,2,4-Trichlorobenzene	15.143	180	42407	8.861	ug/l	100
94) Hexachlorobutadiene	15.255	225	20764	7.823	ug/l	96
95) Naphthalene	15.384	128	78402	8.381	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	37572	8.977	ug/l	98

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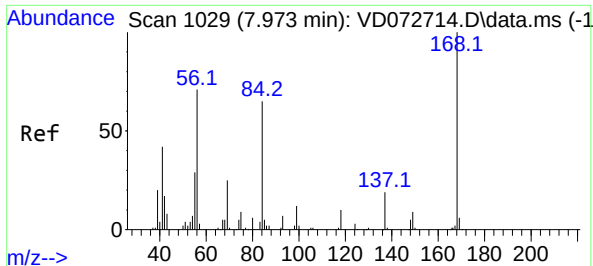
Manual Integrations
APPROVED

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D042722S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 27 13:58:15 2022
Response via : Initial Calibration

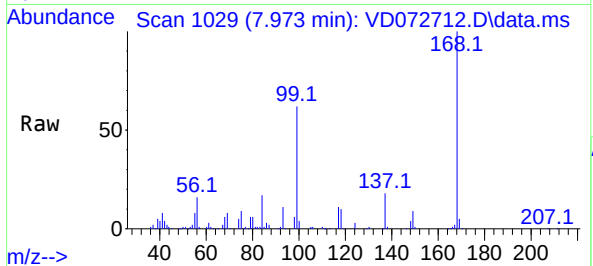
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072712.D
Acq: 27 Apr 2022 12:32

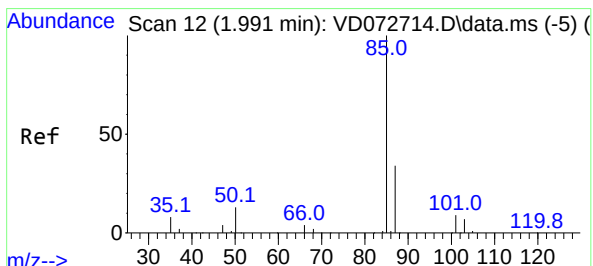
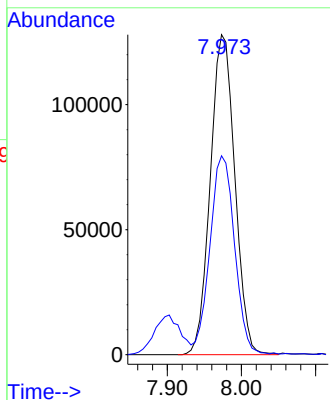
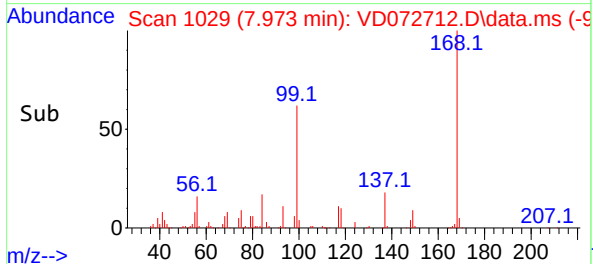
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010



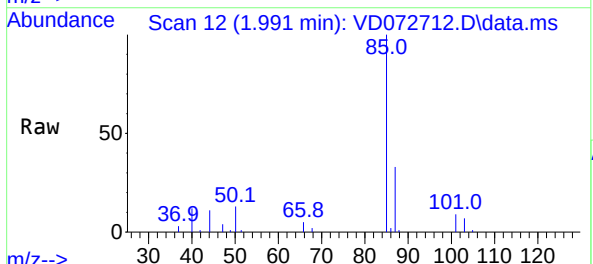
Tgt Ion:168 Resp: 29465
Ion Ratio Lower Upper
168 100
99 61.9 49.8 74.6

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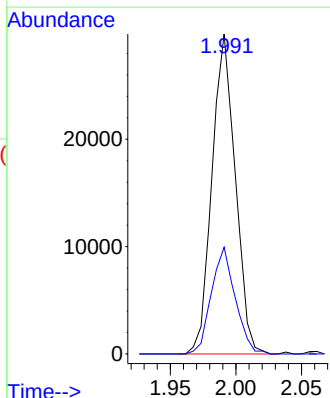
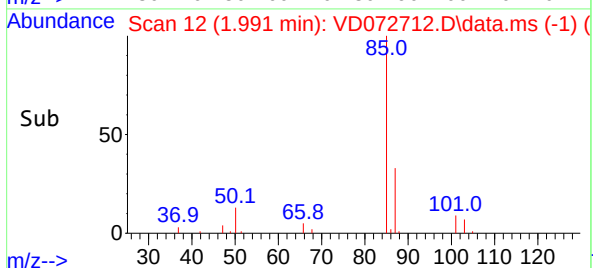
Reviewed By :John Carlone 04/28/2022
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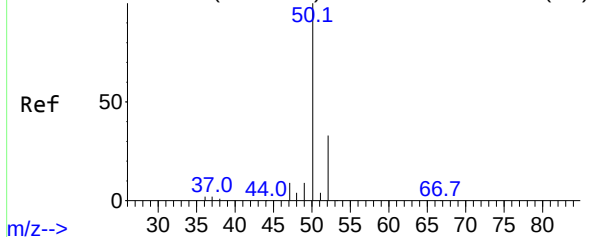
#2
Dichlorodifluoromethane
Concen: 14.971 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD072712.D
Acq: 27 Apr 2022 12:32



Tgt Ion: 85 Resp: 36839
Ion Ratio Lower Upper
85 100
87 33.3 15.7 47.0



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



#3

Chloromethane

Concen: 18.306 ug/l

RT: 2.209 min Scan# 49

Delta R.T. -0.000 min

Lab File: VD072712.D

Acq: 27 Apr 2022 12:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

Tgt Ion: 50 Resp: 4341

Ion Ratio Lower Upper

50 100

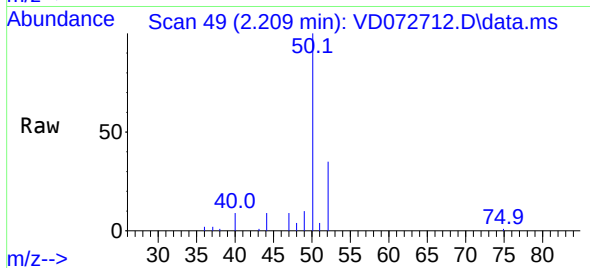
52 34.7 27.4 41.0

Manual Integrations

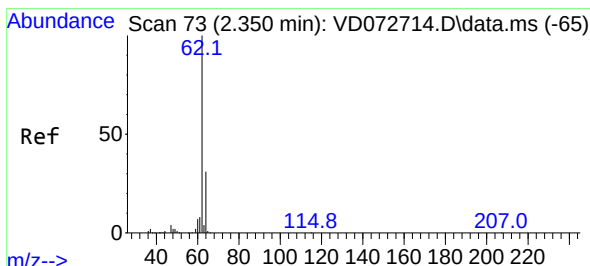
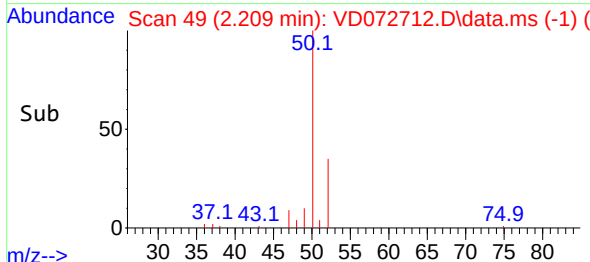
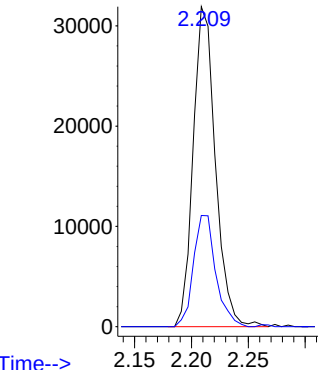
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Reviewed By :John Carlone 04/28/2022

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Abundance



#4

Vinyl Chloride

Concen: 16.448 ug/l

RT: 2.350 min Scan# 73

Delta R.T. -0.000 min

Lab File: VD072712.D

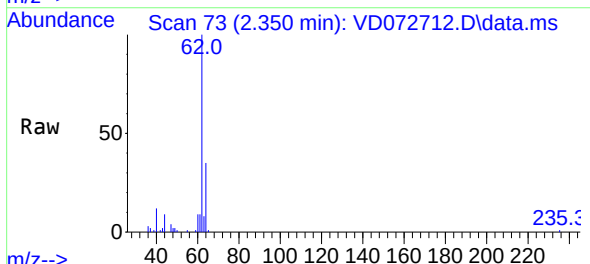
Acq: 27 Apr 2022 12:32

Tgt Ion: 62 Resp: 39175

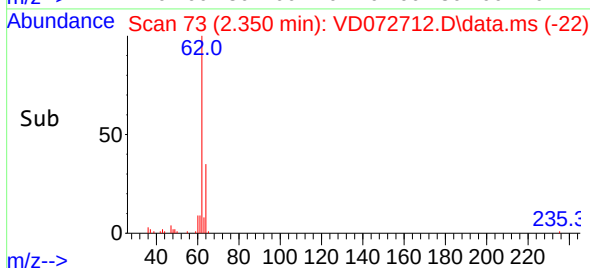
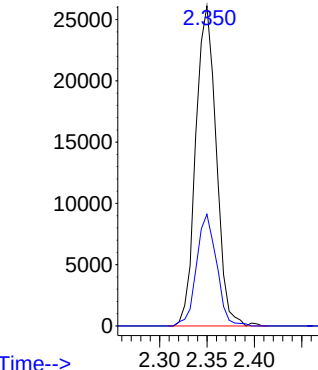
Ion Ratio Lower Upper

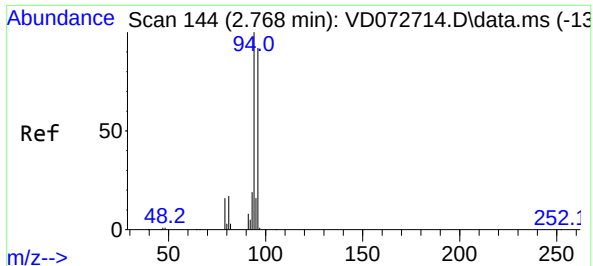
62 100

64 34.9 25.4 38.0



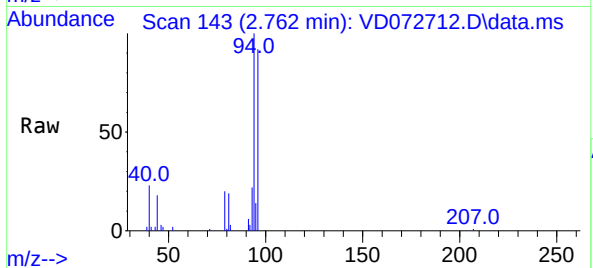
Abundance





#5
Bromomethane
Concen: 15.123 ug/l
RT: 2.762 min Scan# 144
Delta R.T. -0.006 min
Lab File: VD072712.D
Acq: 27 Apr 2022 12:32

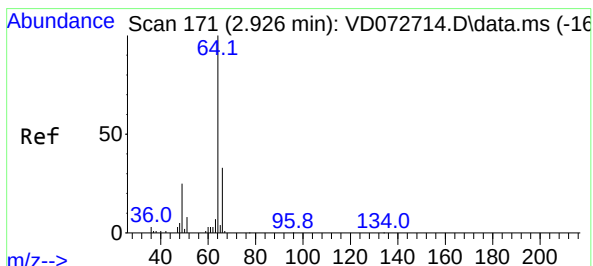
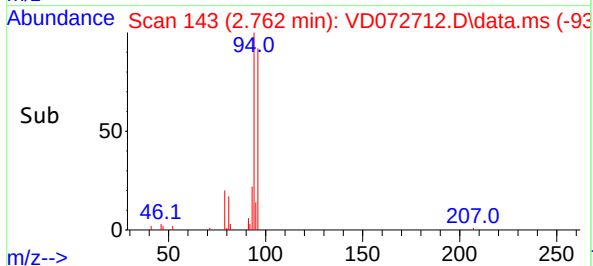
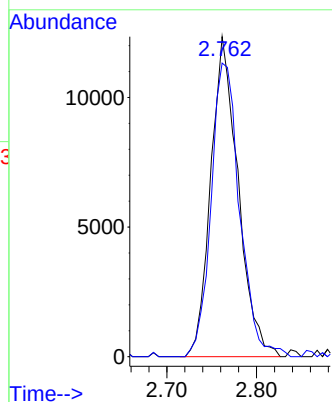
Instrument :
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Tgt Ion: 94 Resp: 2615
Ion Ratio Lower Upper
94 100
96 91.7 77.6 116.4

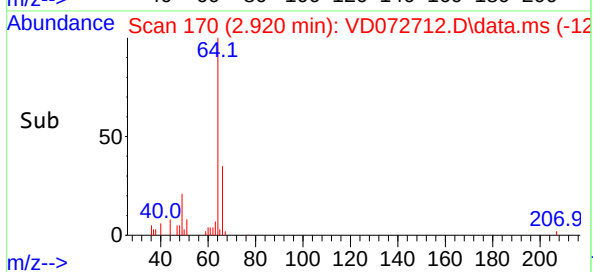
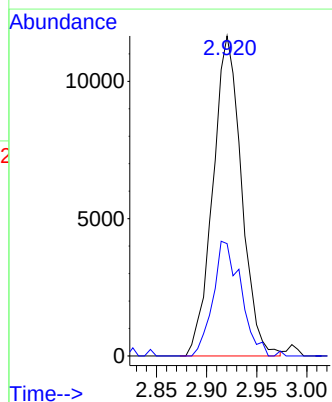
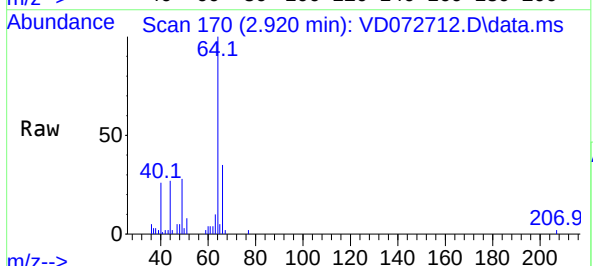
Manual Integrations
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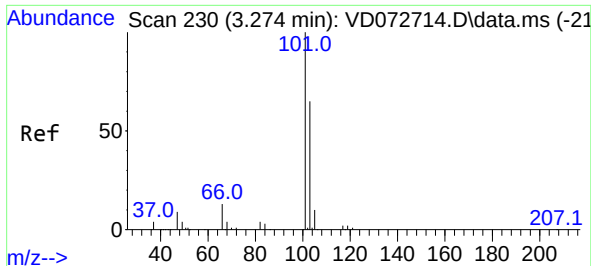
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#6
Chloroethane
Concen: 14.136 ug/l
RT: 2.920 min Scan# 170
Delta R.T. -0.006 min
Lab File: VD072712.D
Acq: 27 Apr 2022 12:32

Tgt Ion: 64 Resp: 23105
Ion Ratio Lower Upper
64 100
66 35.1 25.9 38.9





#7
Trichlorofluoromethane
Concen: 11.897 ug/l
RT: 3.279 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD072712.D
Acq: 27 Apr 2022 12:32

Instrument :

MSVOA_D

ClientSampleId :

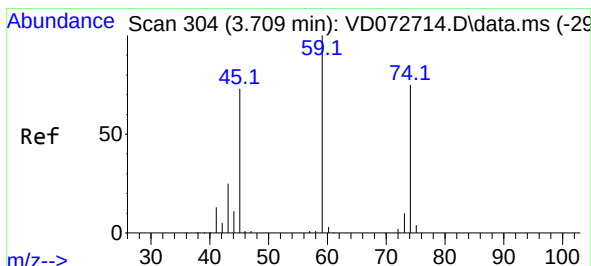
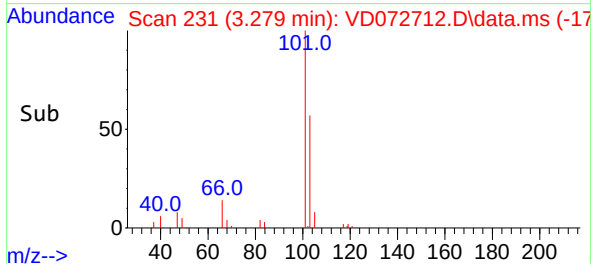
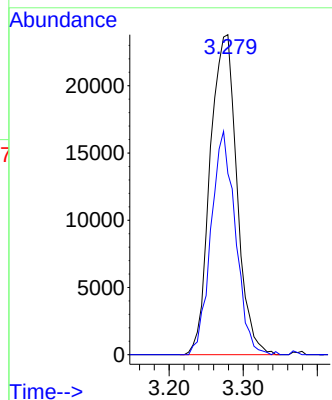
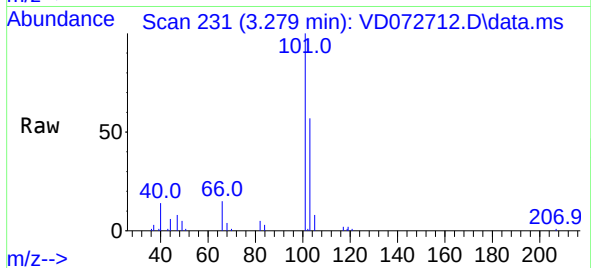
VSTDIC010

Tgt Ion:101 Resp: 5964
Ion Ratio Lower Upper
101 100
103 56.6 50.1 75.1

Manual Integrations

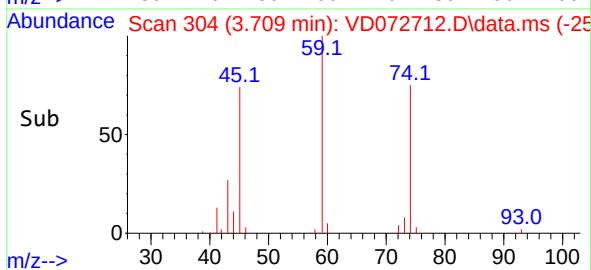
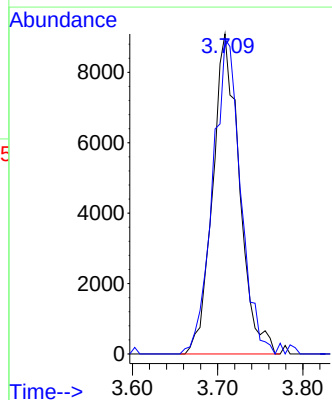
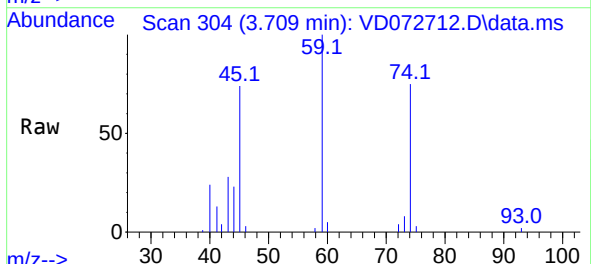
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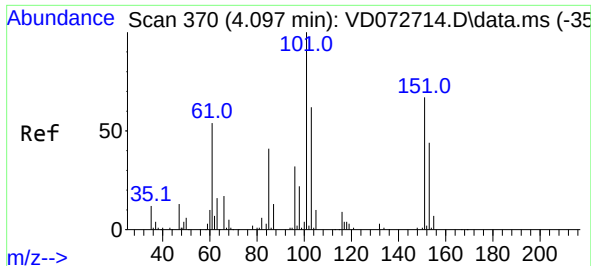
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#8
Diethyl Ether
Concen: 13.048 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.000 min
Lab File: VD072712.D
Acq: 27 Apr 2022 12:32

Tgt Ion: 74 Resp: 19834
Ion Ratio Lower Upper
74 100
45 102.8 52.6 157.8





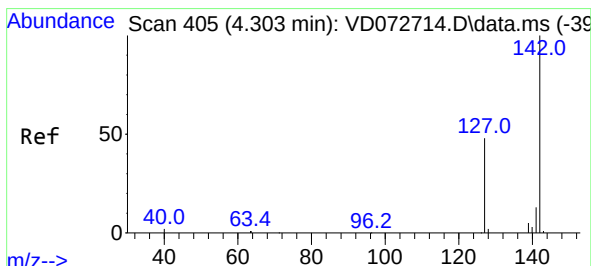
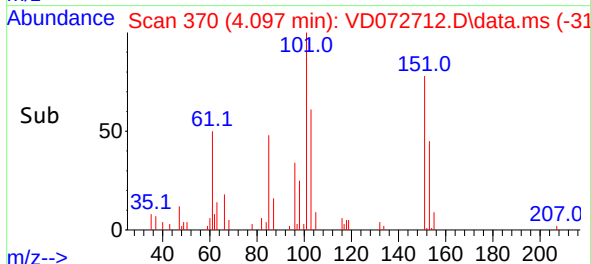
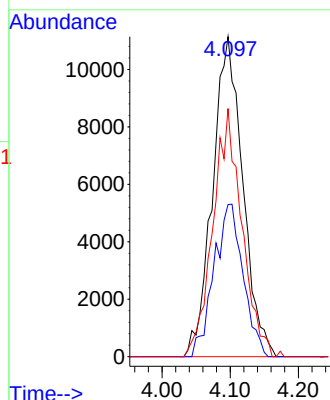
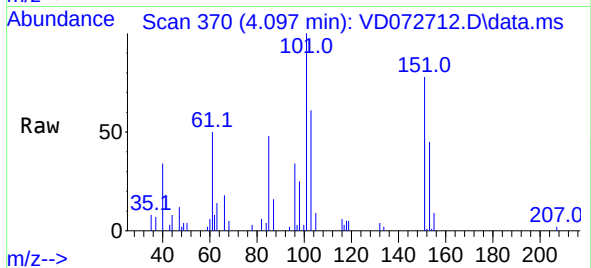
#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.440 ug/l
RT: 4.097 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD072712.D
Acq: 27 Apr 2022 12:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion:101 Resp: 34289
Ion Ratio Lower Upper
101 100
85 46.0 36.4 54.6
151 74.0 57.3 85.9

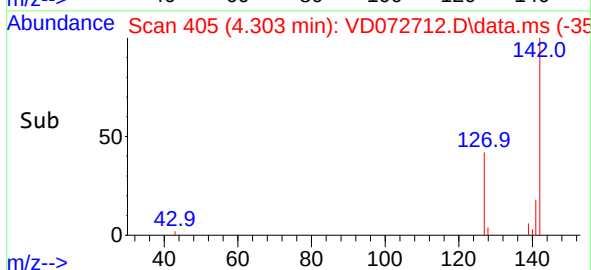
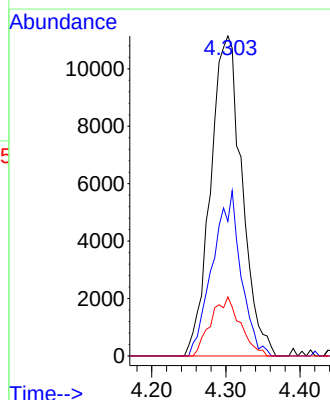
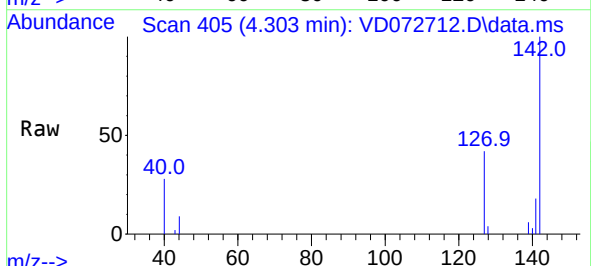
Manual Integrations
APPROVED

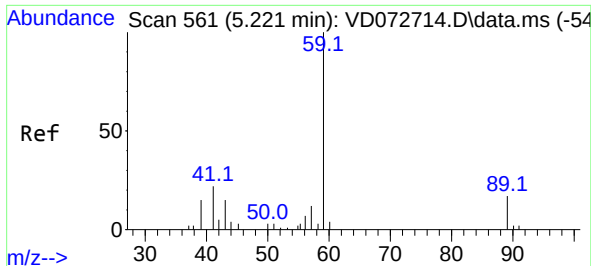
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#10
Methyl Iodide
Concen: 12.033 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD072712.D
Acq: 27 Apr 2022 12:32

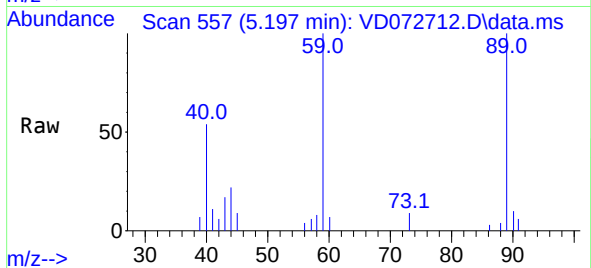
Tgt Ion:142 Resp: 32758
Ion Ratio Lower Upper
142 100
127 46.5 37.3 55.9
141 17.3 11.7 17.5





#11
Tert butyl alcohol
Concen: 143.338 ug/l
RT: 5.197 min Scan# 51
Delta R.T. -0.024 min
Lab File: VD072712.D
Acq: 27 Apr 2022 12:32

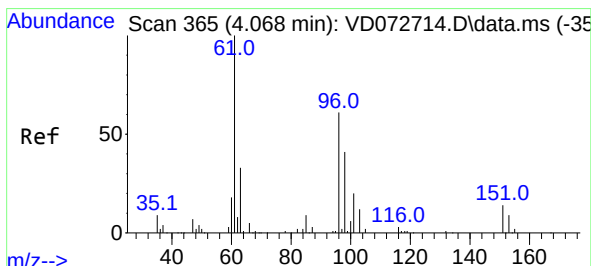
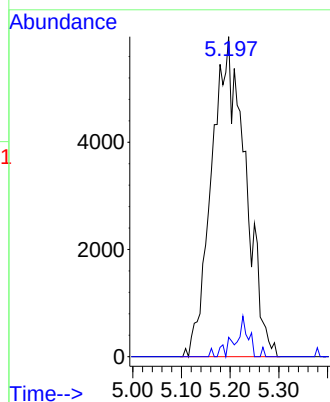
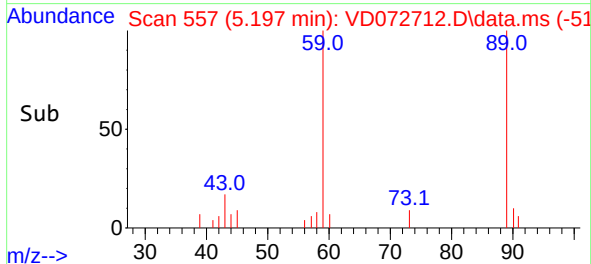
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010



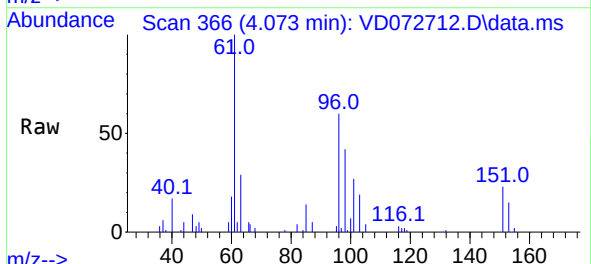
Tgt Ion: 59 Resp: 2864
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6

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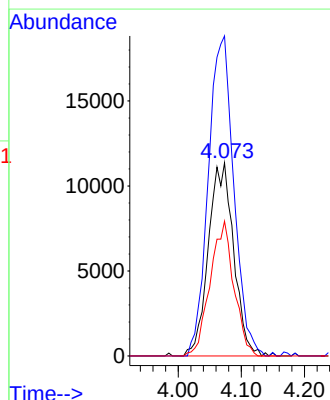
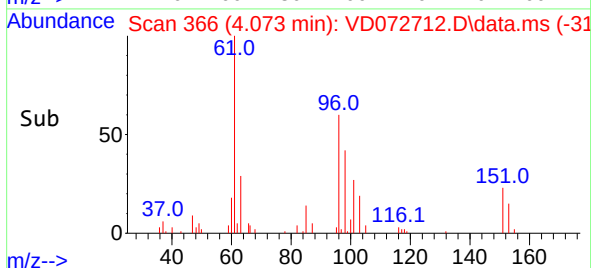
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

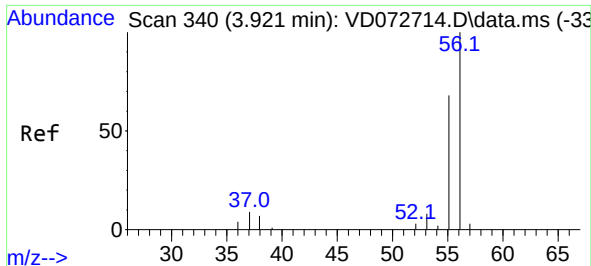


#12
1,1-Dichloroethene
Concen: 12.079 ug/l
RT: 4.073 min Scan# 366
Delta R.T. 0.006 min
Lab File: VD072712.D
Acq: 27 Apr 2022 12:32



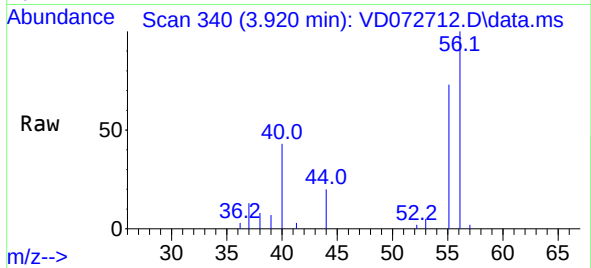
Tgt Ion: 96 Resp: 31693
Ion Ratio Lower Upper
96 100
61 165.8 138.5 207.7
98 69.8 48.6 73.0





#13
Acrolein
Concen: 155.306 ug/l
RT: 3.920 min Scan# 340
Delta R.T. -0.000 min
Lab File: VD072712.D
Acq: 27 Apr 2022 12:32

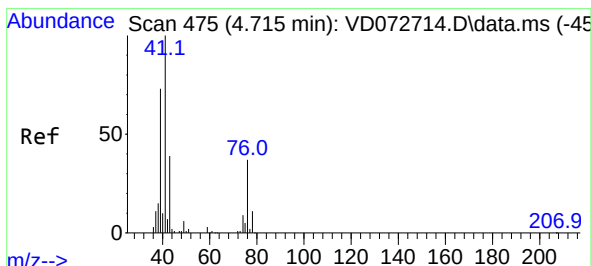
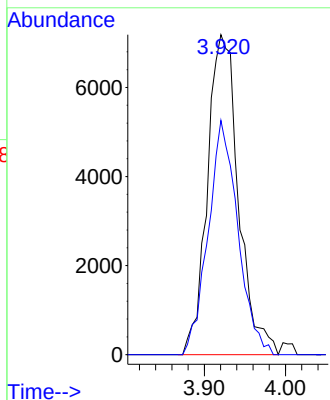
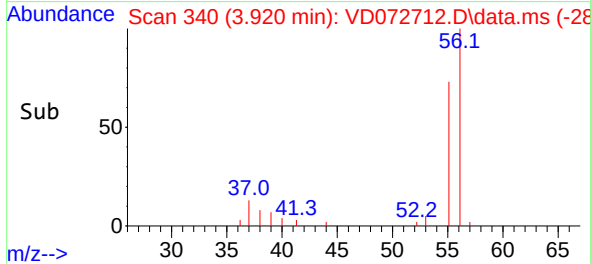
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010



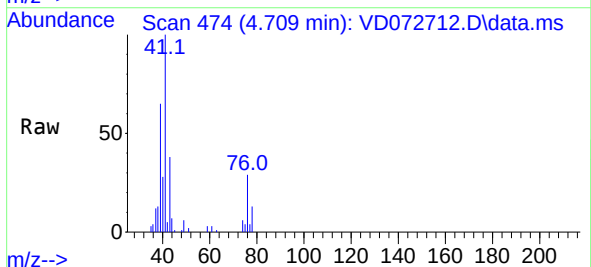
Tgt Ion: 56 Resp: 19125
Ion Ratio Lower Upper
56 100
55 70.0 57.1 85.7

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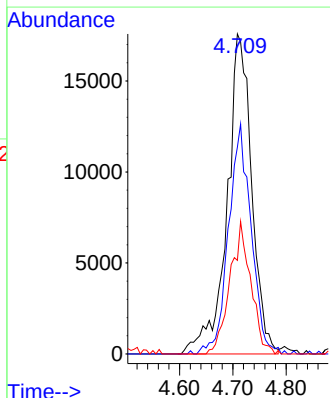
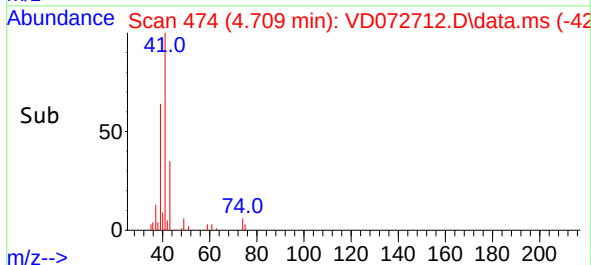
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

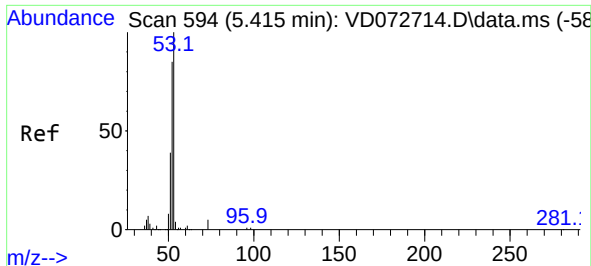


#14
Allyl chloride
Concen: 13.238 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD072712.D
Acq: 27 Apr 2022 12:32



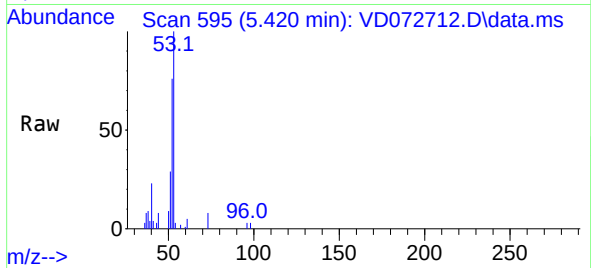
Tgt Ion: 41 Resp: 56491
Ion Ratio Lower Upper
41 100
39 65.9 59.3 88.9
76 35.2 25.7 38.5





#15
Acrylonitrile
Concen: 64.382 ug/l
RT: 5.420 min Scan# 595
Delta R.T. 0.006 min
Lab File: VD072712.D
Acq: 27 Apr 2022 12:32

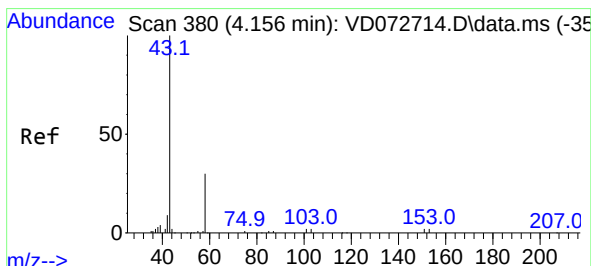
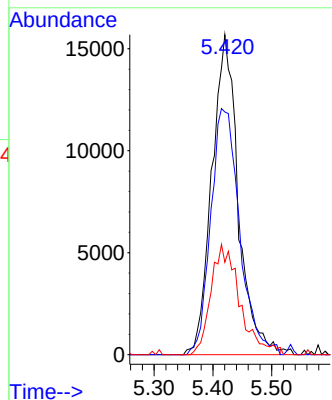
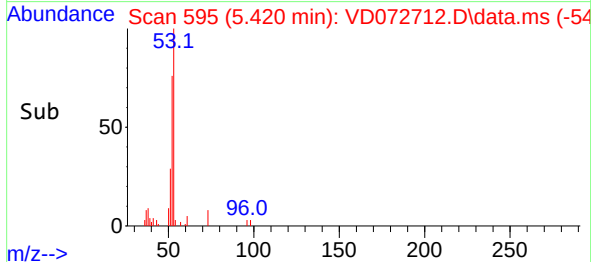
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



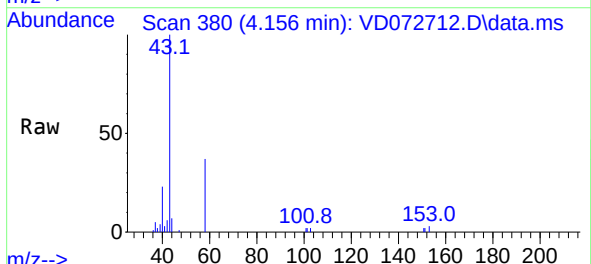
Tgt Ion: 53 Resp: 4881
Ion Ratio Lower Upper
53 100
52 84.4 67.2 100.8
51 37.7 30.3 45.5

Manual Integrations
APPROVED

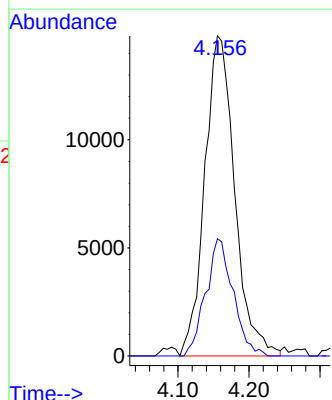
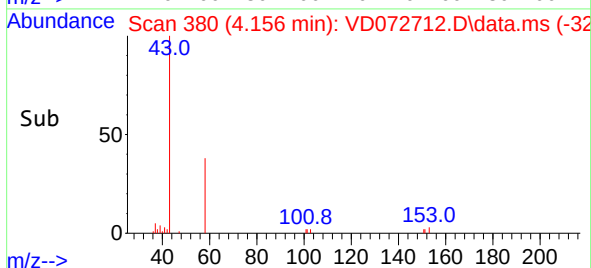
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

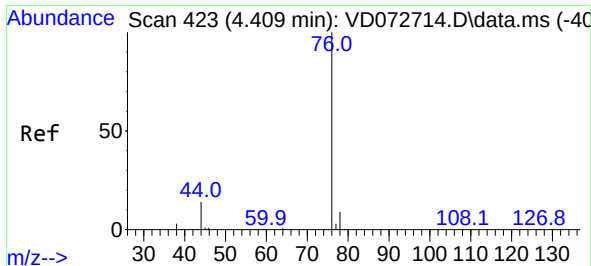


#16
Acetone
Concen: 65.463 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD072712.D
Acq: 27 Apr 2022 12:32



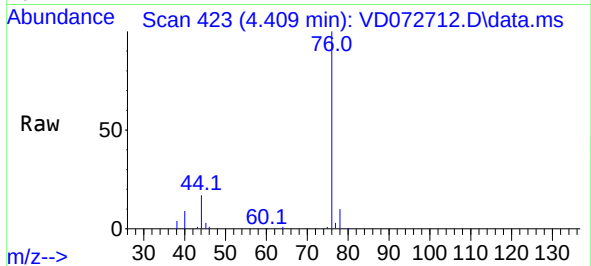
Tgt Ion: 43 Resp: 43484
Ion Ratio Lower Upper
43 100
58 36.6 22.1 33.1#





#17
Carbon Disulfide
Concen: 20.354 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD072712.D
Acq: 27 Apr 2022 12:32

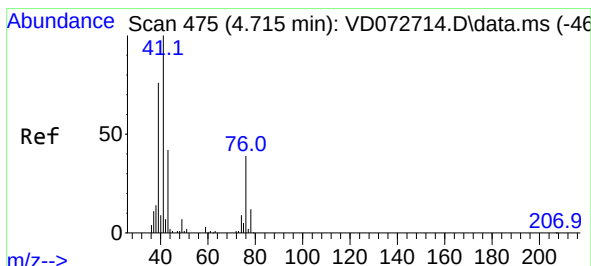
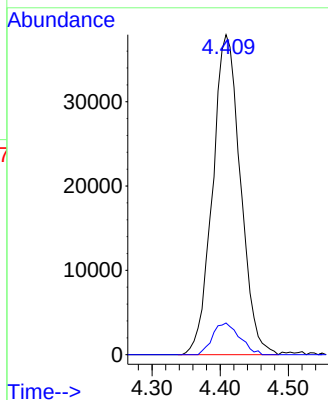
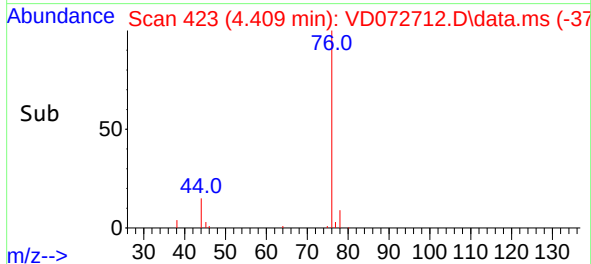
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010



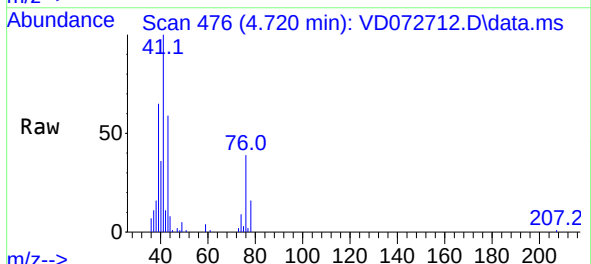
Tgt Ion: 76 Resp: 107890
Ion Ratio Lower Upper
76 100
78 9.9 7.5 11.3

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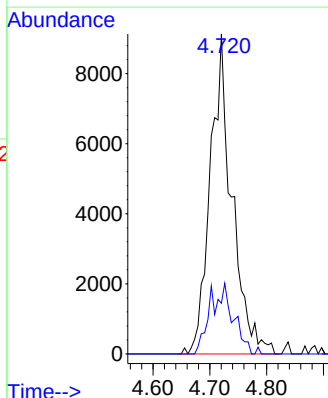
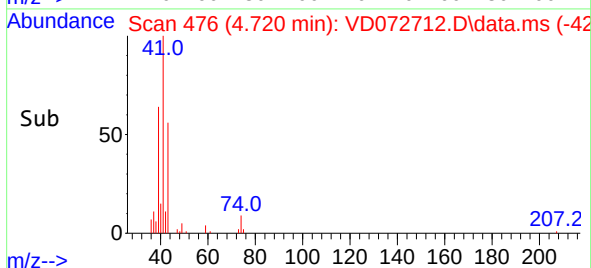
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

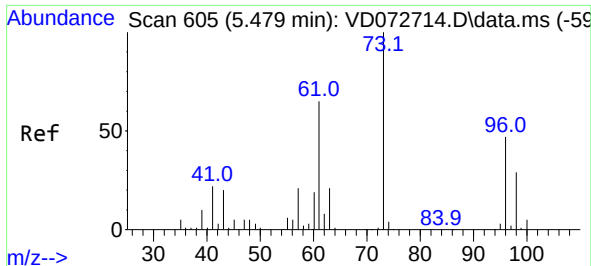


#18
Methyl Acetate
Concen: 12.716 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.006 min
Lab File: VD072712.D
Acq: 27 Apr 2022 12:32



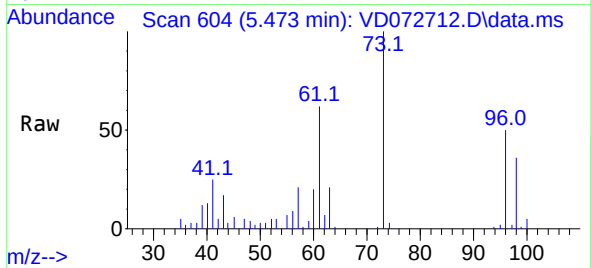
Tgt Ion: 43 Resp: 24259
Ion Ratio Lower Upper
43 100
74 10.9 16.7 25.1#





#19
Methyl tert-butyl Ether
Concen: 11.613 ug/l
RT: 5.473 min Scan# 605
Delta R.T. -0.006 min
Lab File: VD072712.D
Acq: 27 Apr 2022 12:32

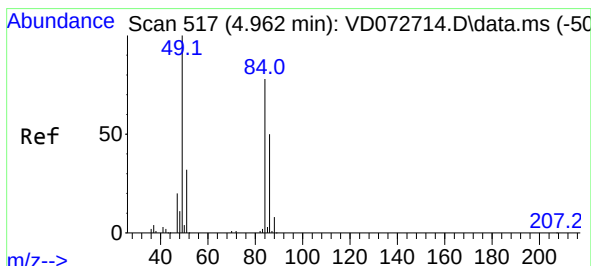
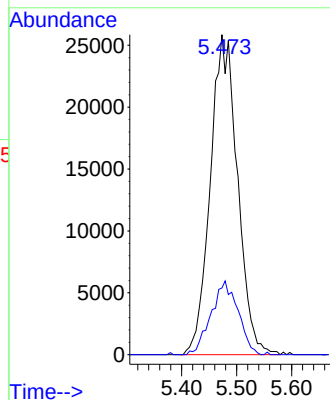
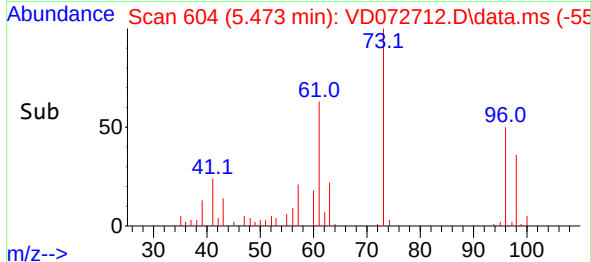
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



Tgt Ion: 73 Resp: 88912
Ion Ratio Lower Upper
73 100
57 20.9 18.0 27.0

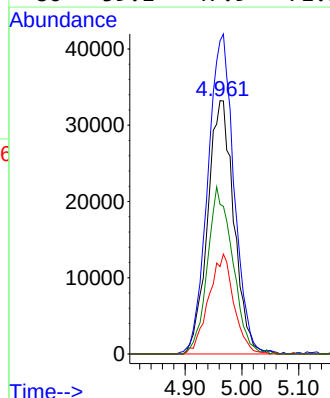
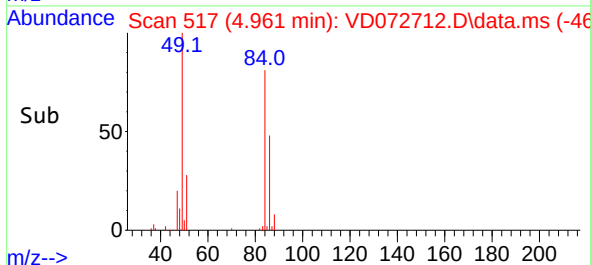
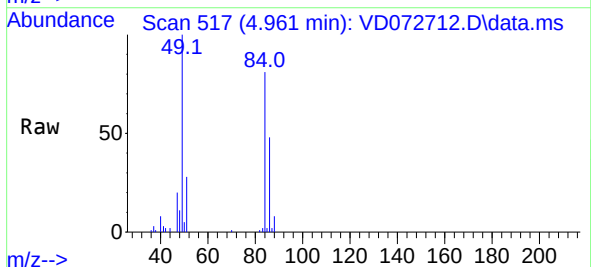
Manual Integrations
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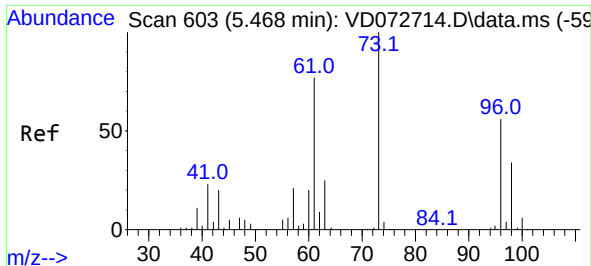
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#20
Methylene Chloride
Concen: 25.841 ug/l
RT: 4.961 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD072712.D
Acq: 27 Apr 2022 12:32

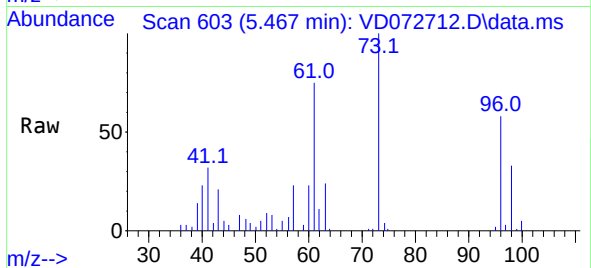
Tgt Ion: 84 Resp: 106666
Ion Ratio Lower Upper
84 100
49 123.6 112.8 169.2
51 34.5 32.6 48.8
86 59.1 47.9 71.9





#21
trans-1,2-Dichloroethene
Concen: 13.287 ug/l
RT: 5.467 min Scan# 603
Delta R.T. -0.000 min
Lab File: VD072712.D
Acq: 27 Apr 2022 12:32

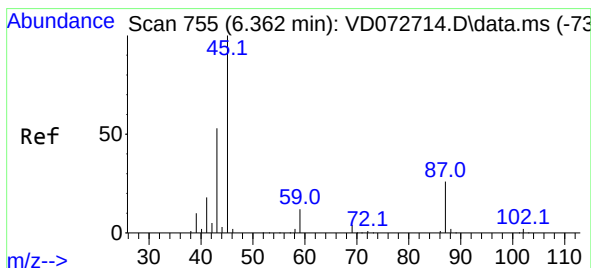
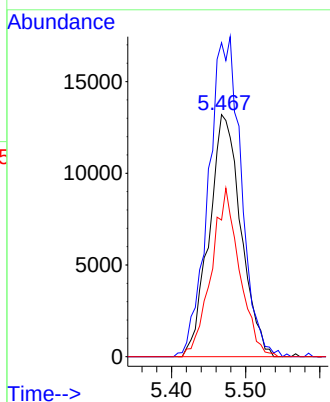
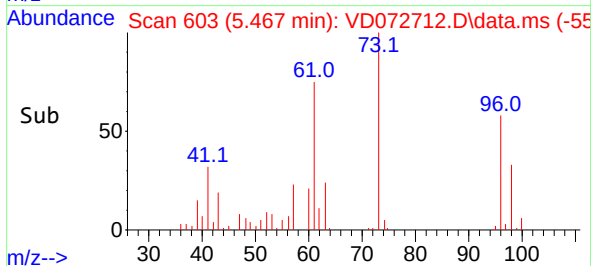
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



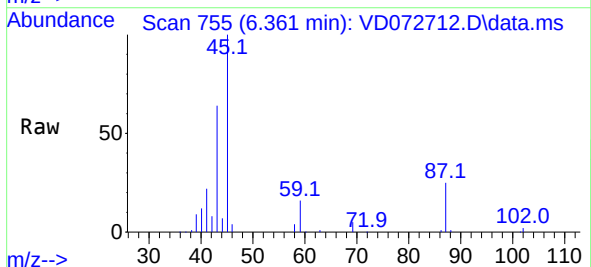
Tgt Ion: 96 Resp: 3923
Ion Ratio Lower Upper
96 100
61 128.1 117.9 176.9
98 56.5 49.4 74.2

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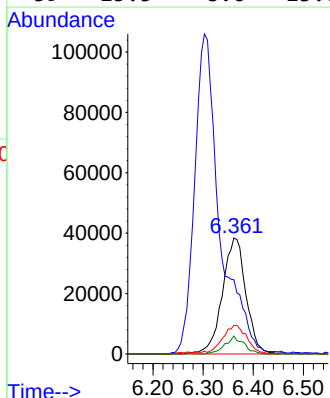
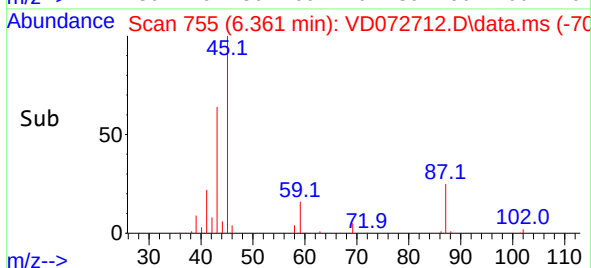
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

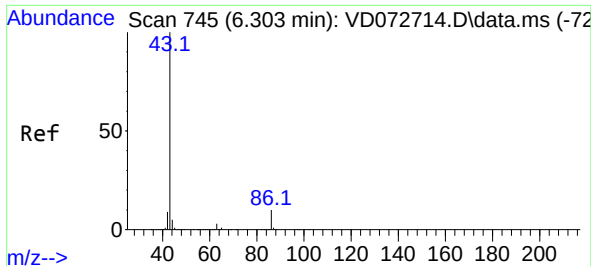


#22
Diisopropyl ether
Concen: 11.801 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.000 min
Lab File: VD072712.D
Acq: 27 Apr 2022 12:32



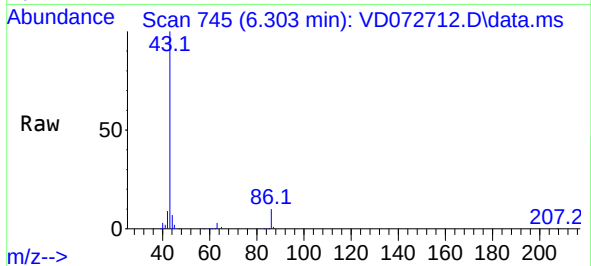
Tgt Ion: 45 Resp: 125205
Ion Ratio Lower Upper
45 100
43 62.4 46.6 70.0
87 24.6 18.4 27.6
59 15.5 8.6 13.0#





#23
 Vinyl Acetate
 Concen: 70.935 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD072712.D
 Acq: 27 Apr 2022 12:32

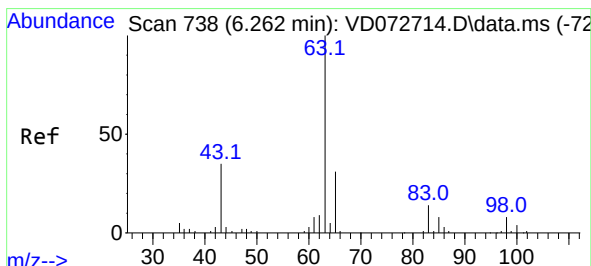
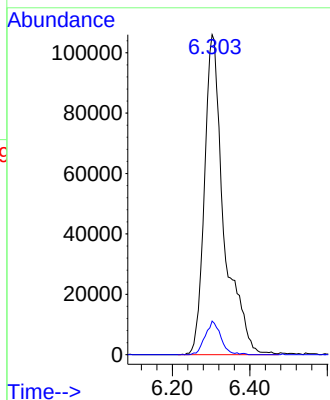
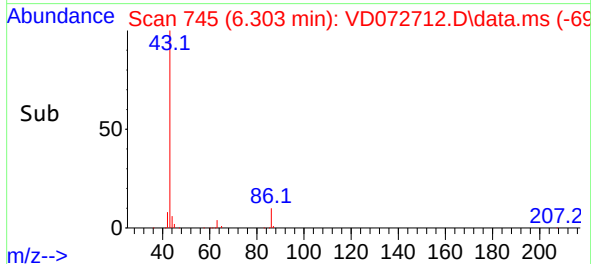
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010



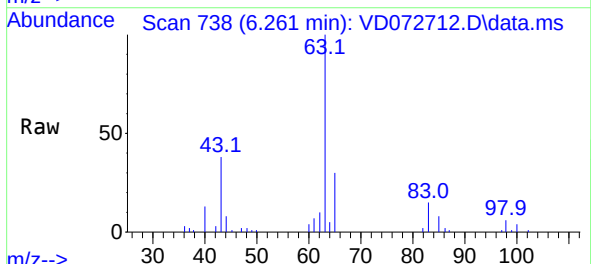
Tgt Ion: 43 Resp: 3705
 Ion Ratio Lower Upper
 43 100
 86 10.5 7.1 10.7

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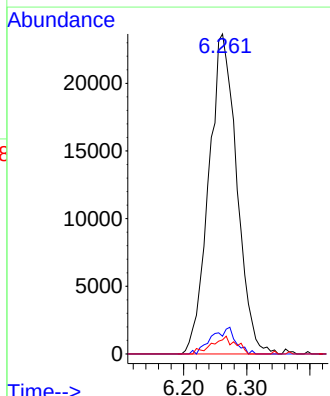
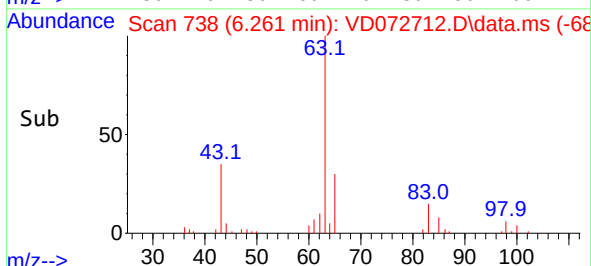
Reviewed By :John Carlone 04/28/2022
 Supervised By :Mahesh Dadoda 04/28/2022

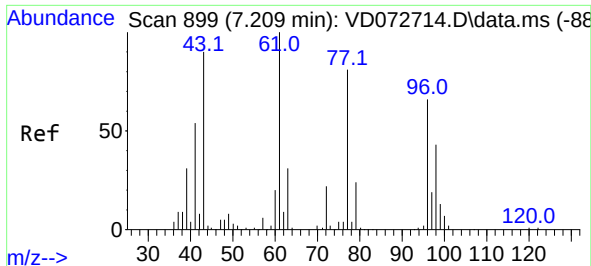


#24
 1,1-Dichloroethane
 Concen: 11.489 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. -0.000 min
 Lab File: VD072712.D
 Acq: 27 Apr 2022 12:32



Tgt Ion: 63 Resp: 72782
 Ion Ratio Lower Upper
 63 100
 98 5.6 3.6 10.9
 100 4.4 2.1 6.5





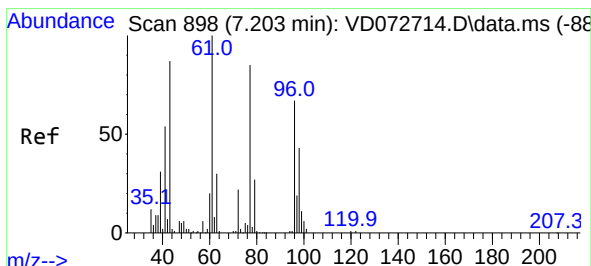
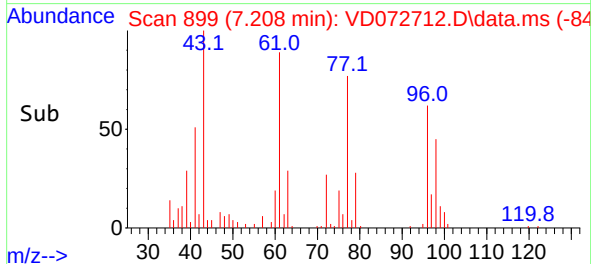
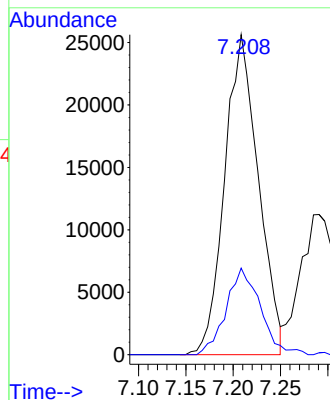
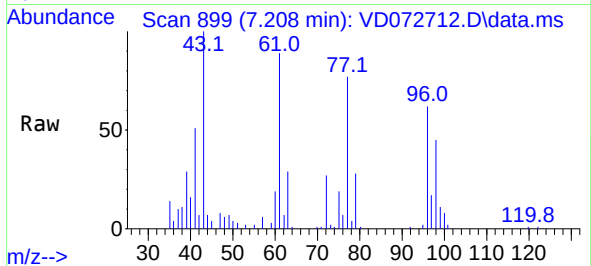
#25
2-Butanone
Concen: 68.506 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD072712.D
Acq: 27 Apr 2022 12:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 6341
Ion Ratio Lower Upper
43 100
72 27.0 18.6 27.8

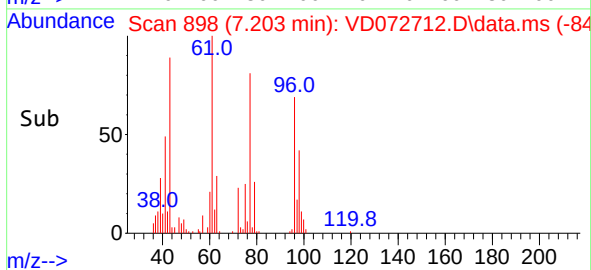
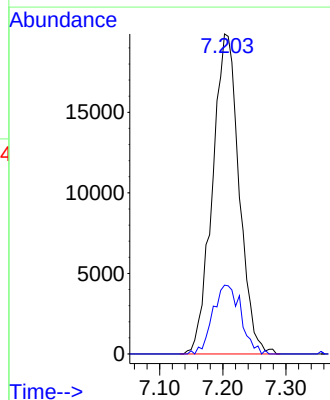
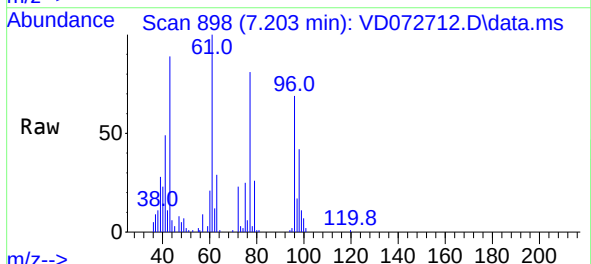
Manual Integrations
APPROVED

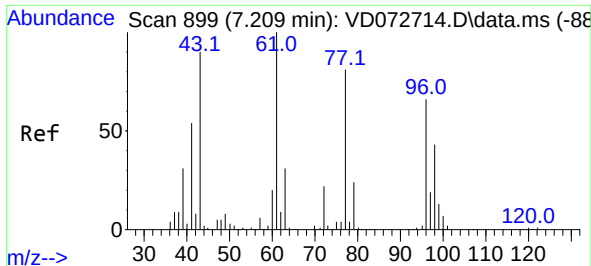
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#26
2,2-Dichloropropane
Concen: 10.511 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.000 min
Lab File: VD072712.D
Acq: 27 Apr 2022 12:32

Tgt Ion: 77 Resp: 58324
Ion Ratio Lower Upper
77 100
97 22.7 10.8 32.4





#27
 cis-1,2-Dichloroethene
 Concen: 11.030 ug/l
 RT: 7.203 min Scan# 899
 Delta R.T. -0.006 min
 Lab File: VD072712.D
 Acq: 27 Apr 2022 12:32

Instrument :

MSVOA_D

ClientSampleId :

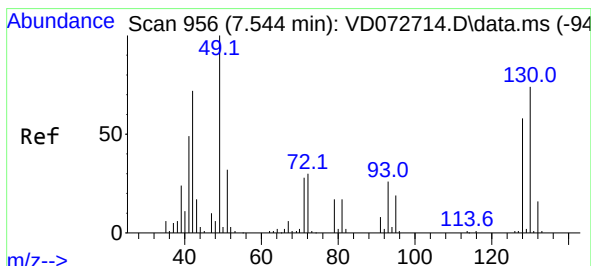
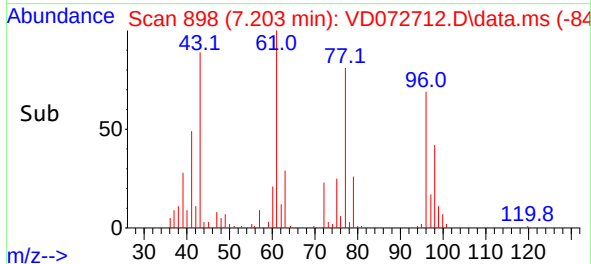
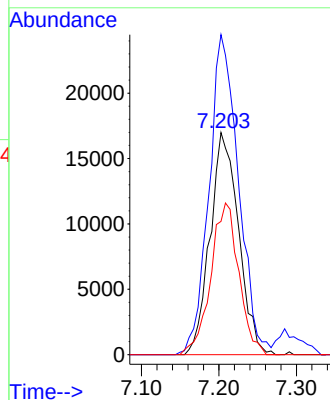
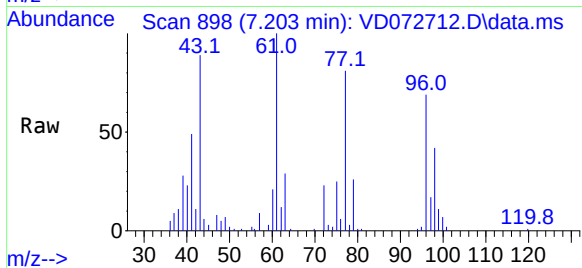
VSTDICC010

Tgt Ion: 96 Resp: 4343
 Ion Ratio Lower Upper
 96 100
 61 149.1 0.0 313.8
 98 67.1 0.0 128.8

Manual Integrations

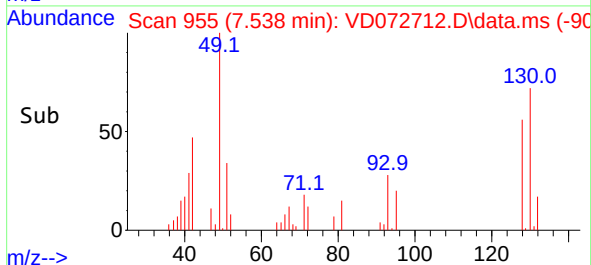
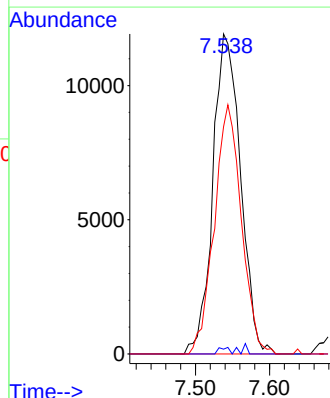
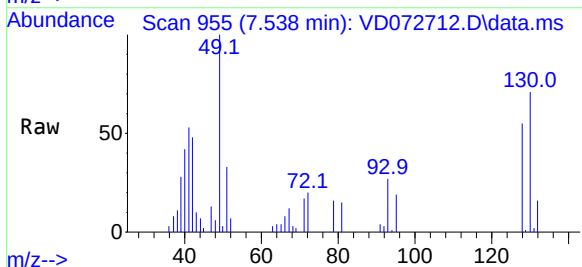
APPROVED

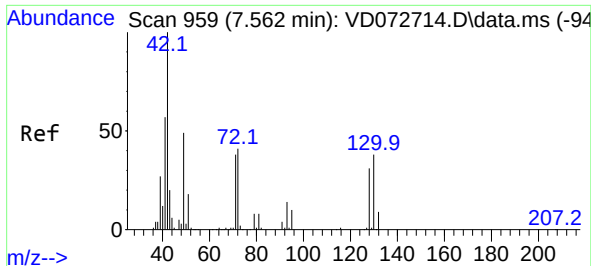
Reviewed By :John Carlone 04/28/2022
 Supervised By :Mahesh Dadoda 04/28/2022



#28
 Bromochloromethane
 Concen: 11.256 ug/l
 RT: 7.538 min Scan# 955
 Delta R.T. -0.006 min
 Lab File: VD072712.D
 Acq: 27 Apr 2022 12:32

Tgt Ion: 49 Resp: 30916
 Ion Ratio Lower Upper
 49 100
 129 0.7 0.0 4.0
 130 76.2 52.6 79.0





#29

Tetrahydrofuran

Concen: 68.596 ug/l

RT: 7.561 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD072712.D

Acq: 27 Apr 2022 12:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

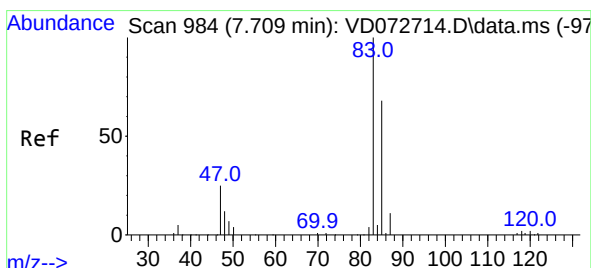
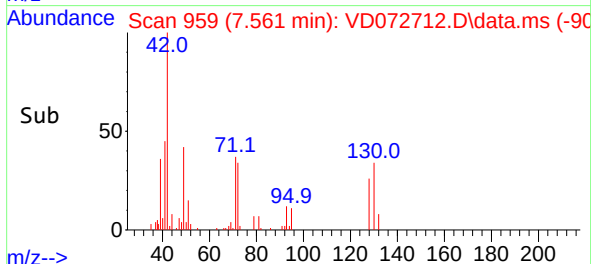
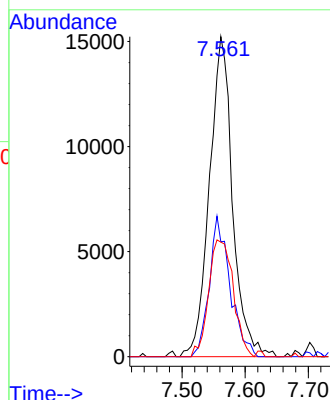
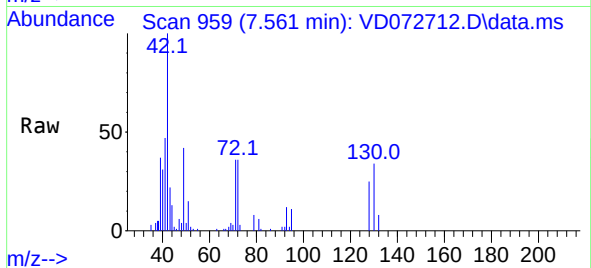
Tgt Ion:	42	Resp:	3883
Ion	Ratio	Lower	Upper
42	100		
72	39.4	30.7	46.1
71	38.7	28.6	43.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2022

Supervised By :Mahesh Dadoda 04/28/2022



#30

Chloroform

Concen: 10.957 ug/l

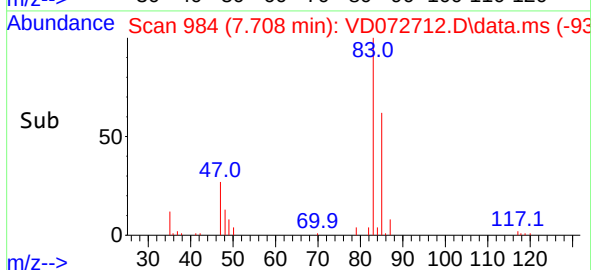
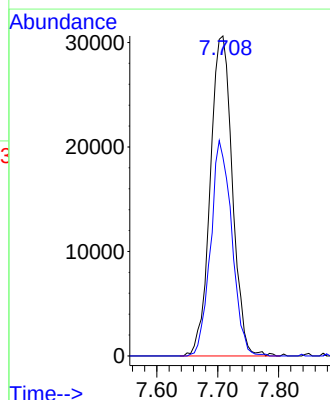
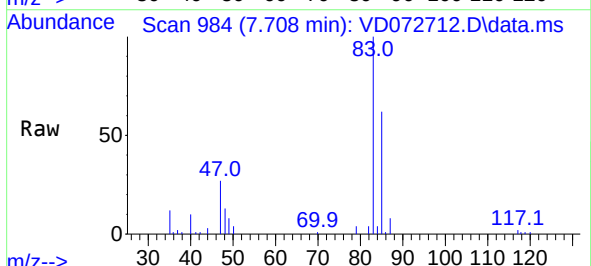
RT: 7.708 min Scan# 984

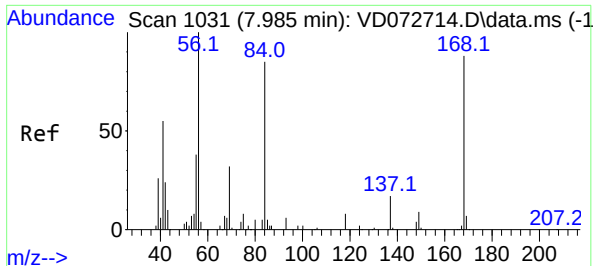
Delta R.T. -0.000 min

Lab File: VD072712.D

Acq: 27 Apr 2022 12:32

Tgt Ion:	83	Resp:	77258
Ion	Ratio	Lower	Upper
83	100		
85	62.1	52.7	79.1





#31

Cyclohexane

Concen: 13.296 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VD072712.D

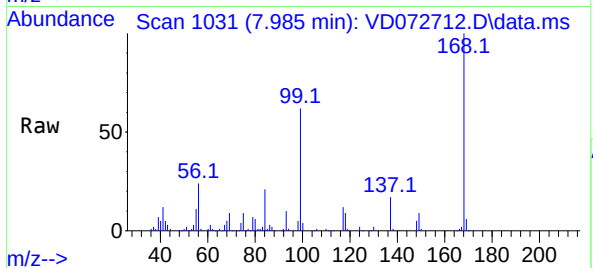
Acq: 27 Apr 2022 12:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010



Tgt Ion: 56 Resp: 62484

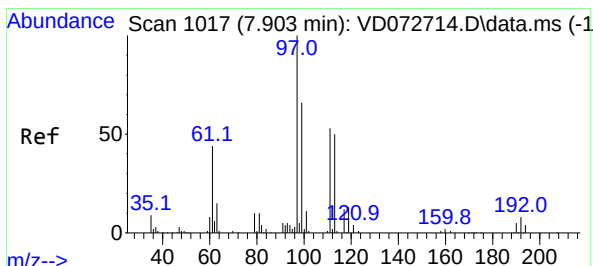
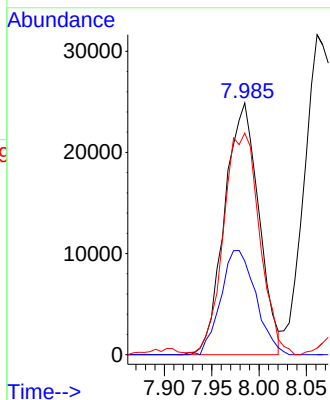
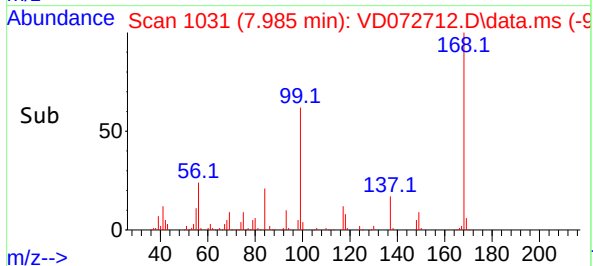
Ion	Ratio	Lower	Upper
56	100		
69	37.2	25.4	38.2
84	86.9	63.0	94.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2022

Supervised By :Mahesh Dadoda 04/28/2022



#32

1,1,1-Trichloroethane

Concen: 10.255 ug/l

RT: 7.897 min Scan# 1016

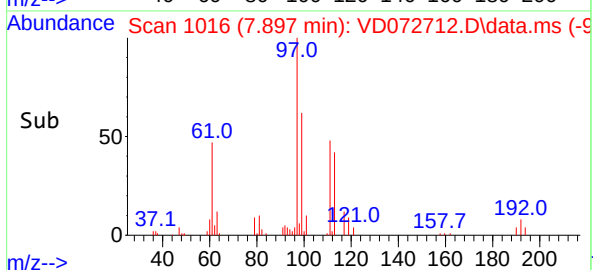
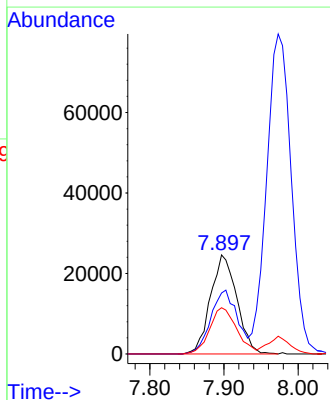
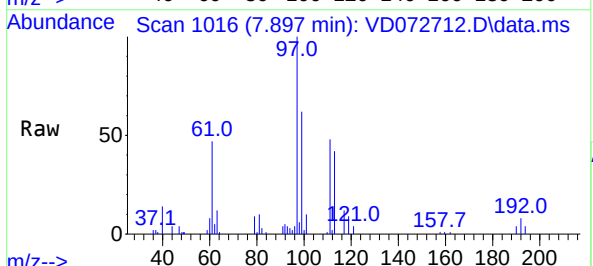
Delta R.T. -0.006 min

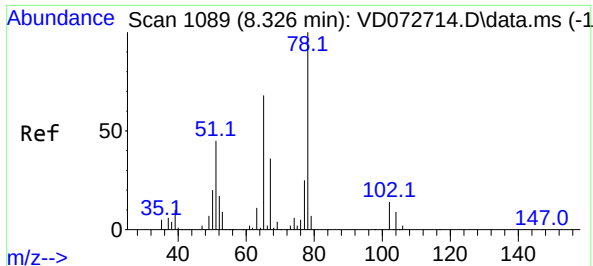
Lab File: VD072712.D

Acq: 27 Apr 2022 12:32

Tgt Ion: 97 Resp: 60790

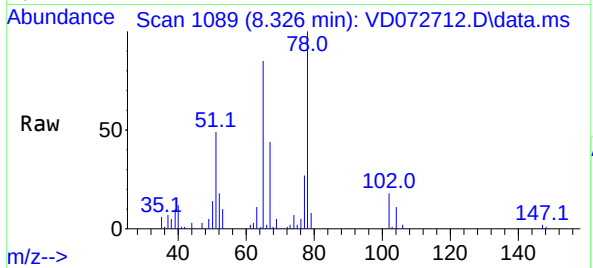
Ion	Ratio	Lower	Upper
97	100		
99	64.8	52.4	78.6
61	48.1	38.0	57.0





#33
1,2-Dichloroethane-d4
Concen: 11.888 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072712.D
Acq: 27 Apr 2022 12:32

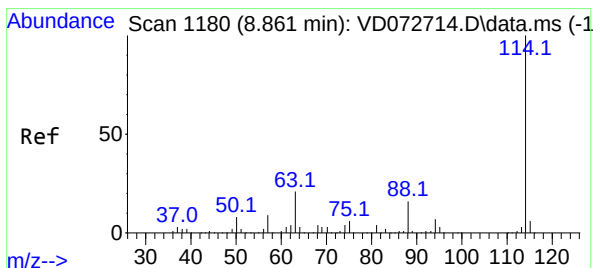
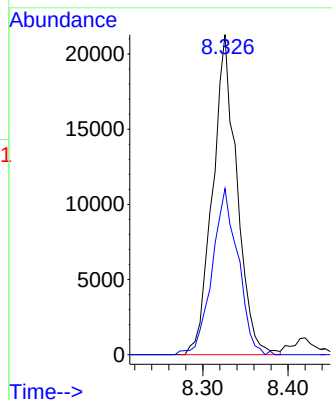
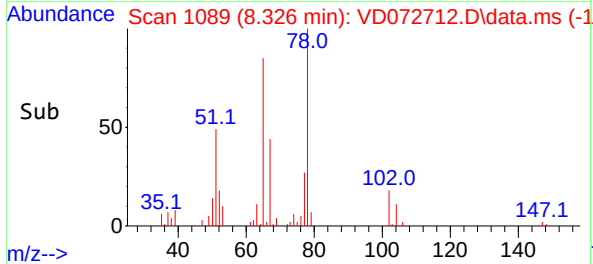
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



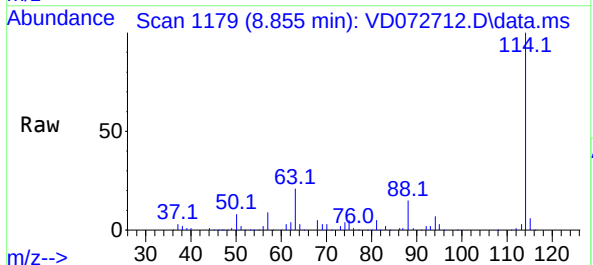
Tgt Ion: 65 Resp: 42134
Ion Ratio Lower Upper
65 100
67 55.5 0.0 101.4

Manual Integrations
APPROVED

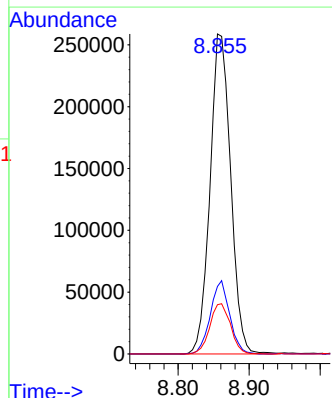
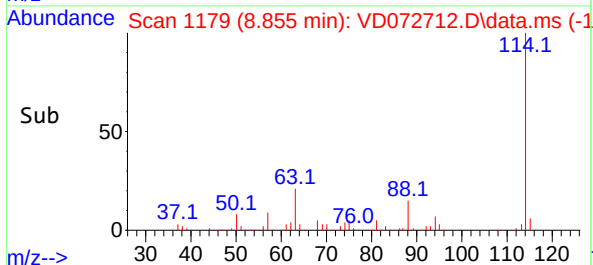
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

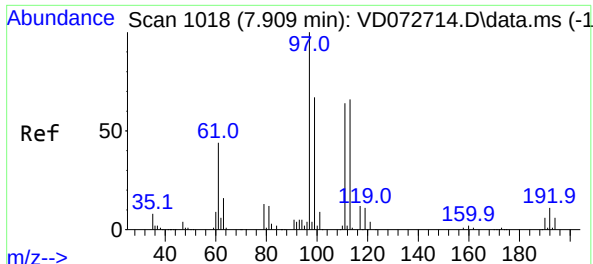


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VD072712.D
Acq: 27 Apr 2022 12:32



Tgt Ion:114 Resp: 522784
Ion Ratio Lower Upper
114 100
63 21.1 0.0 46.6
88 15.4 0.0 33.2





#35

Dibromofluoromethane

Concen: 9.369 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD072712.D

Acq: 27 Apr 2022 12:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

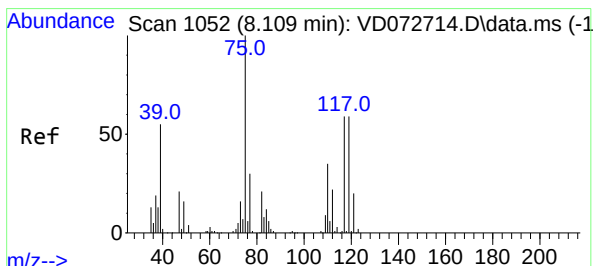
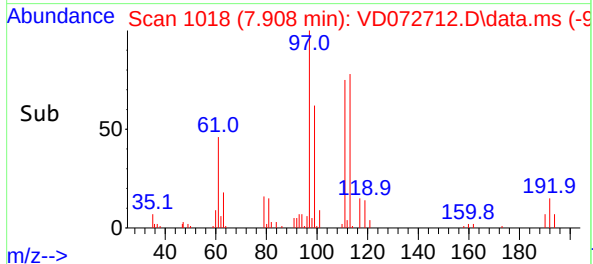
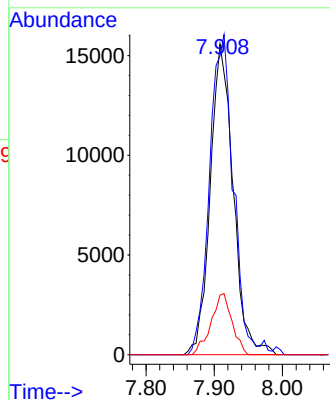
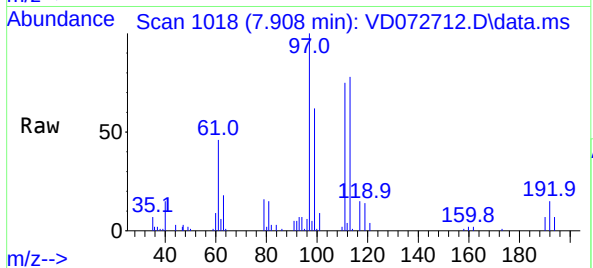
Tgt Ion:	113	Resp:	3649
Ion Ratio	Lower	Upper	
113	100		
111	107.3	83.8	125.6
192	18.0	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2022

Supervised By :Mahesh Dadoda 04/28/2022



#36

1,1-Dichloropropene

Concen: 11.186 ug/l

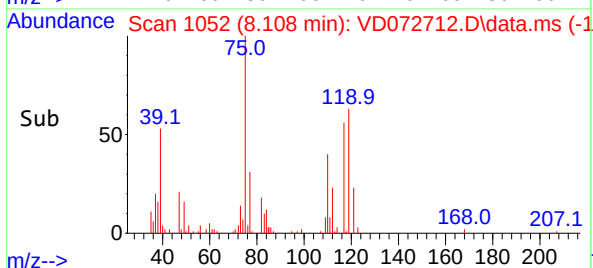
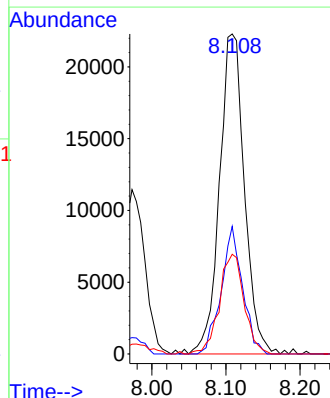
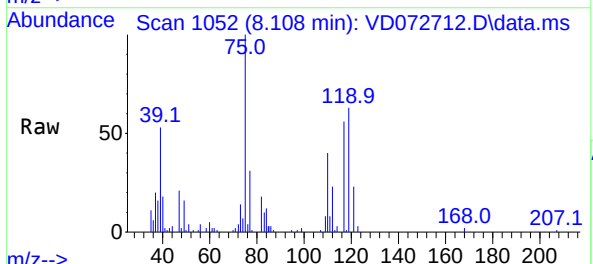
RT: 8.108 min Scan# 1052

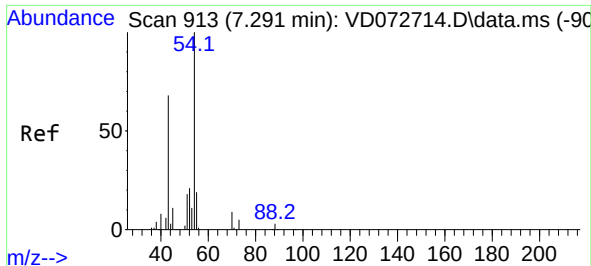
Delta R.T. -0.000 min

Lab File: VD072712.D

Acq: 27 Apr 2022 12:32

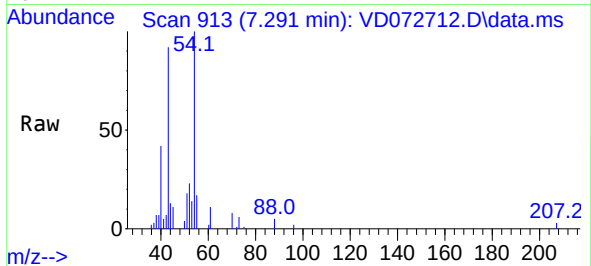
Tgt Ion:	75	Resp:	52091
Ion Ratio	Lower	Upper	
75	100		
110	34.1	16.4	49.1
77	31.1	24.2	36.2





#37
Ethyl Acetate
Concen: 13.494 ug/l
RT: 7.291 min Scan# 913
Delta R.T. -0.000 min
Lab File: VD072712.D
Acq: 27 Apr 2022 12:32

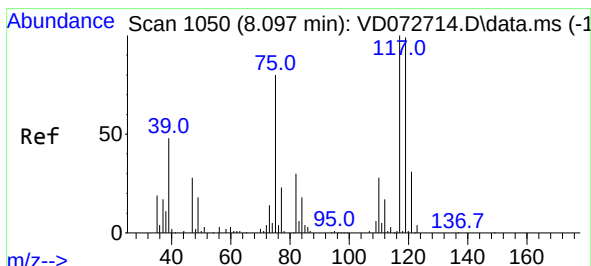
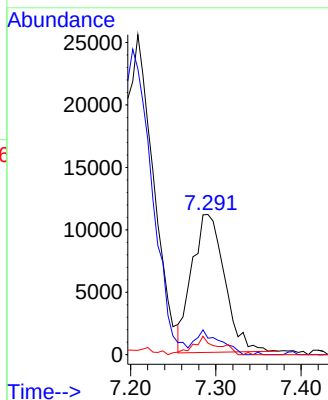
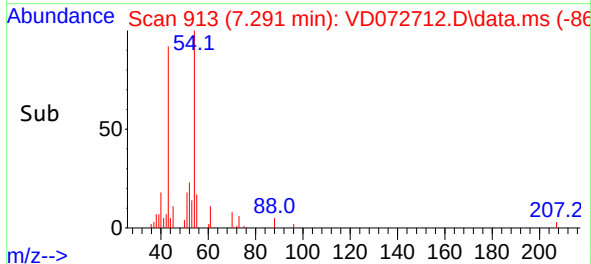
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 2937
Ion Ratio Lower Upper
43 100
61 13.3 9.8 14.8
70 10.0 6.9 10.3

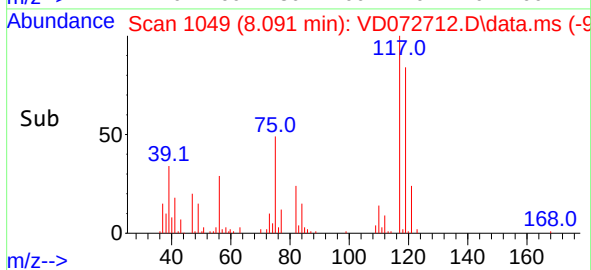
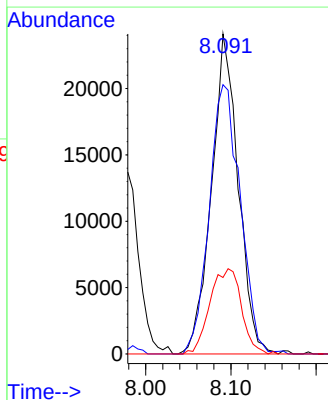
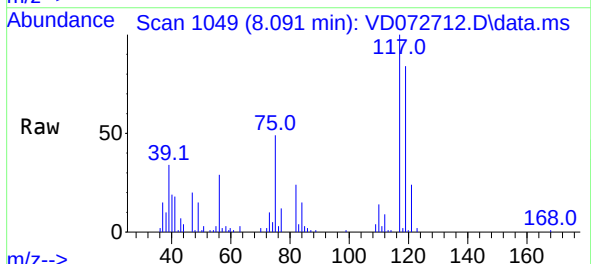
Manual Integrations
APPROVED

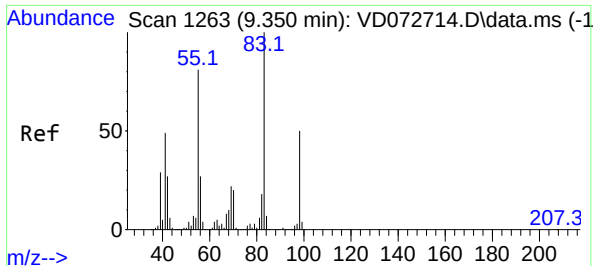
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#38
Carbon Tetrachloride
Concen: 9.818 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. -0.006 min
Lab File: VD072712.D
Acq: 27 Apr 2022 12:32

Tgt Ion:117 Resp: 52582
Ion Ratio Lower Upper
117 100
119 84.2 75.8 113.6
121 23.9 24.5 36.7#





#39

Methylcyclohexane

Concen: 10.996 ug/l

RT: 9.349 min Scan# 1093

Delta R.T. -0.000 min

Lab File: VD072712.D

Acq: 27 Apr 2022 12:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

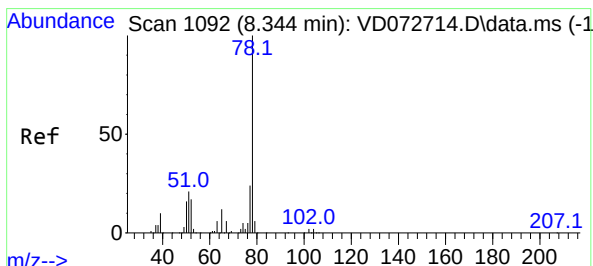
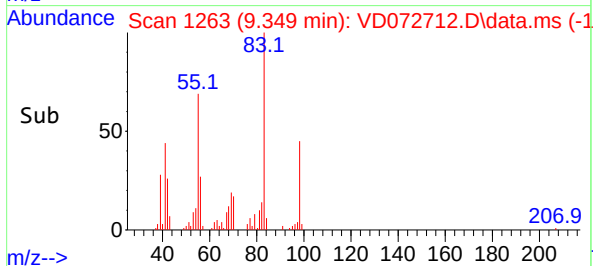
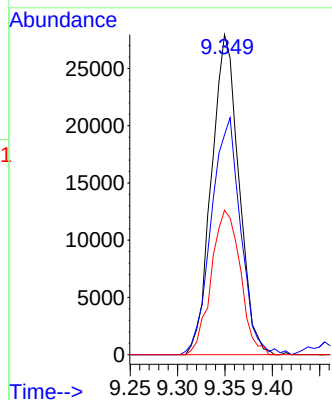
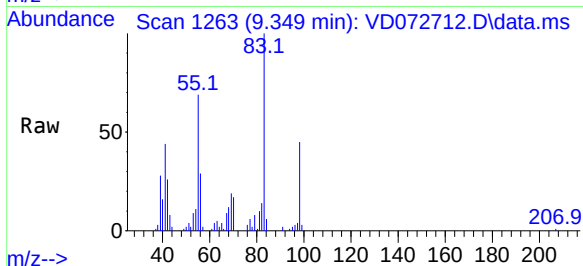
Tgt Ion:	83	Resp:	56110
Ion	Ratio	Lower	Upper
83	100		
55	68.7	63.2	94.8
98	45.1	38.2	57.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2022

Supervised By :Mahesh Dadoda 04/28/2022



#40

Benzene

Concen: 11.143 ug/l

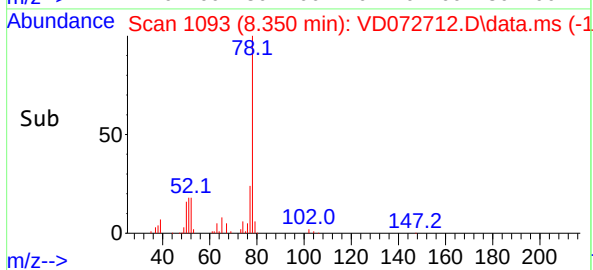
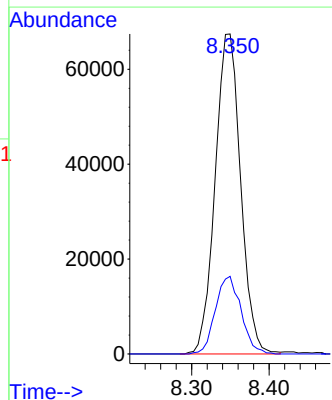
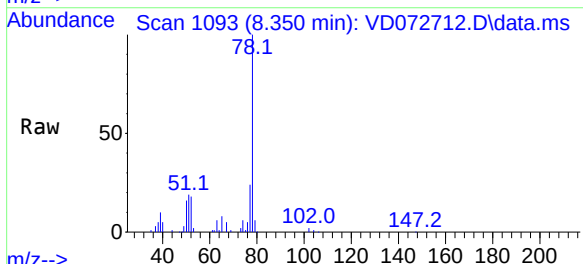
RT: 8.350 min Scan# 1093

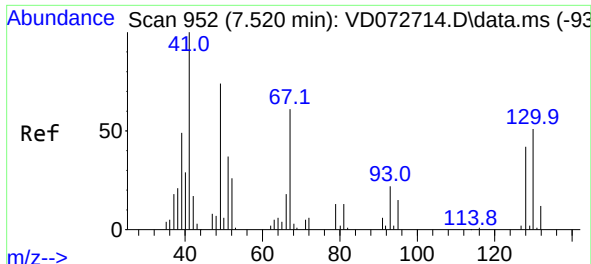
Delta R.T. 0.006 min

Lab File: VD072712.D

Acq: 27 Apr 2022 12:32

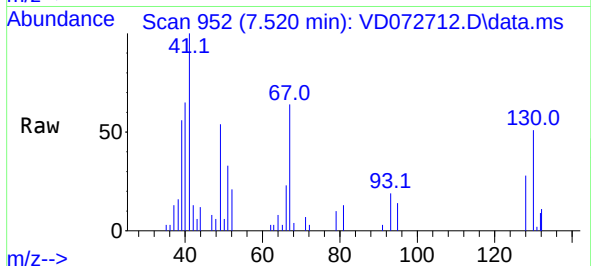
Tgt Ion:	78	Resp:	154176
Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.1	28.7





#41
Methacrylonitrile
Concen: 13.025 ug/l
RT: 7.520 min Scan# 911
Delta R.T. -0.000 min
Lab File: VD072712.D
Acq: 27 Apr 2022 12:32

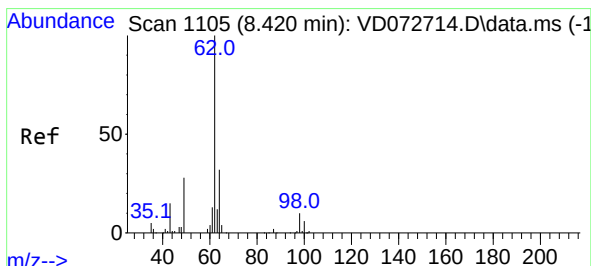
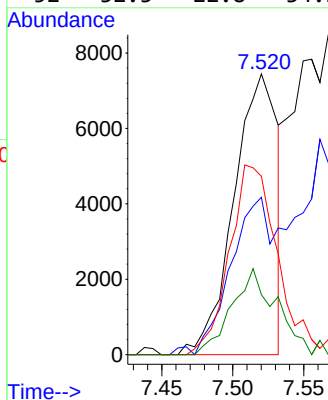
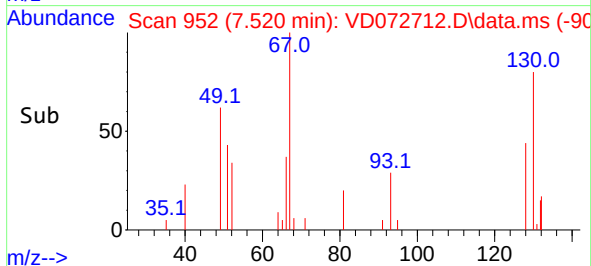
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



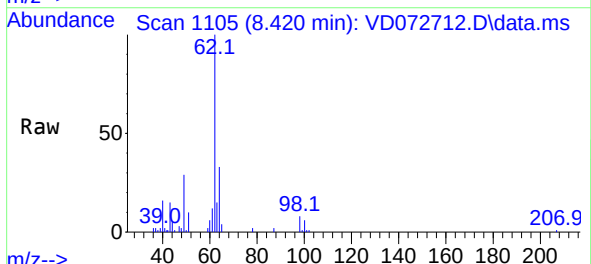
Tgt Ion: 41 Resp: 15779
Ion Ratio Lower Upper
41 100
39 65.3 44.6 67.0
67 75.8 48.2 72.4
52 32.3 22.8 34.2

Manual Integrations
APPROVED

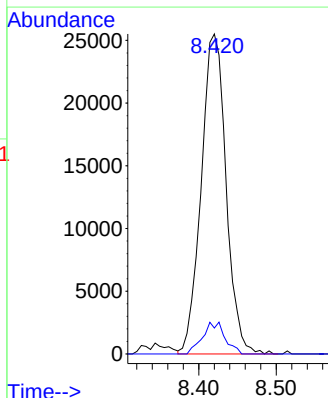
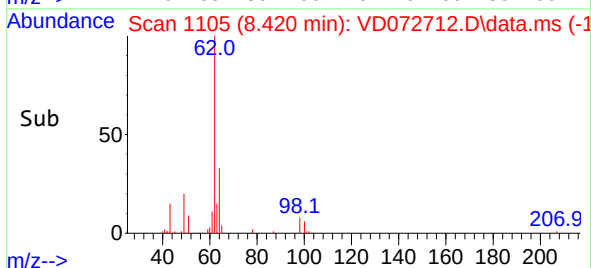
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

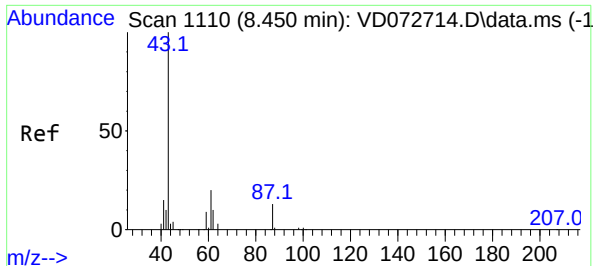


#42
1,2-Dichloroethane
Concen: 13.280 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VD072712.D
Acq: 27 Apr 2022 12:32



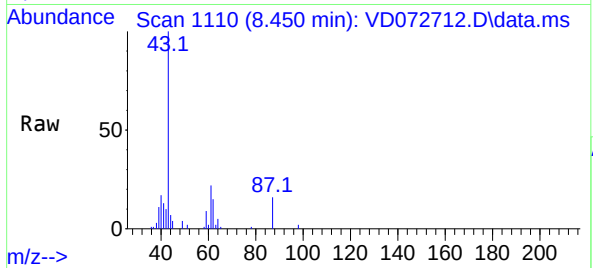
Tgt Ion: 62 Resp: 56887
Ion Ratio Lower Upper
62 100
98 9.0 0.0 17.6





#43
Isopropyl Acetate
Concen: 12.833 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VD072712.D
Acq: 27 Apr 2022 12:32

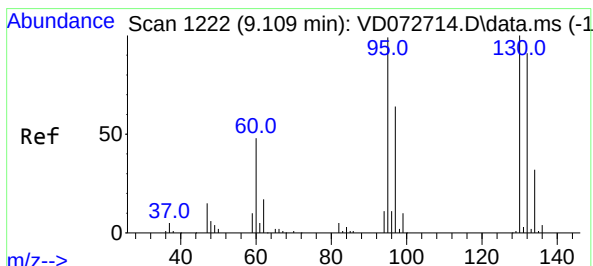
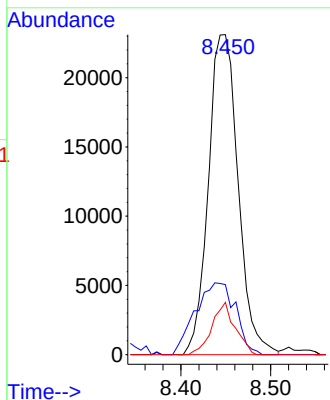
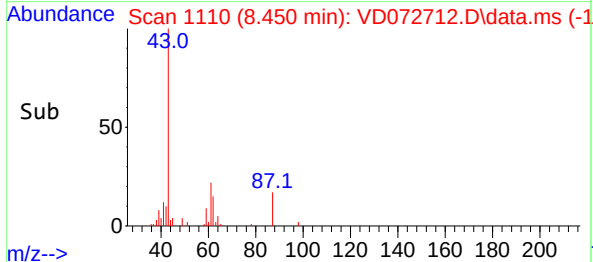
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



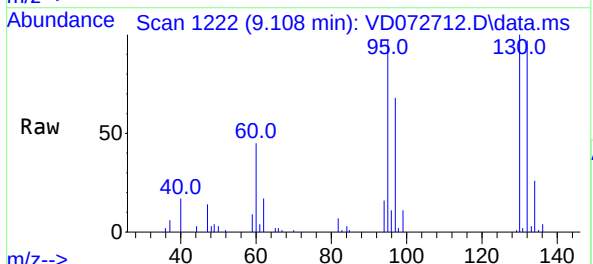
Tgt Ion: 43 Resp: 53264
Ion Ratio Lower Upper
43 100
61 30.4 22.4 33.6
87 12.8 8.7 13.1

Manual Integrations
APPROVED

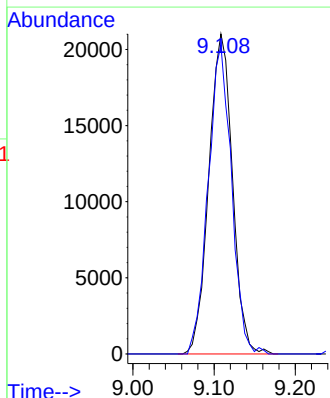
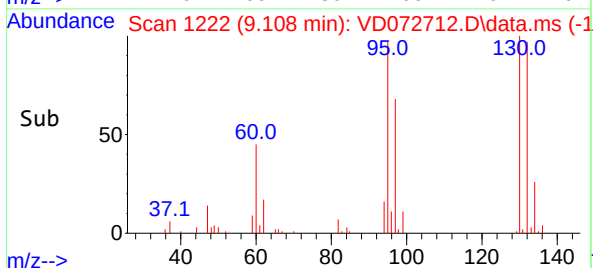
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

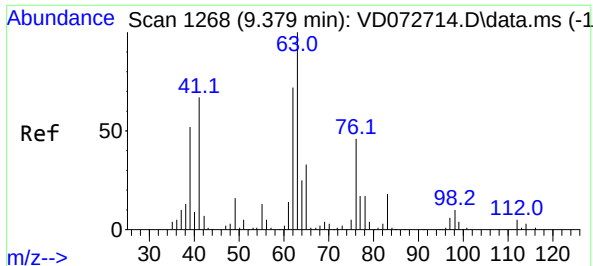


#44
Trichloroethene
Concen: 10.977 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD072712.D
Acq: 27 Apr 2022 12:32



Tgt Ion:130 Resp: 42514
Ion Ratio Lower Upper
130 100
95 96.5 0.0 205.4





#45

1,2-Dichloropropane

Concen: 10.918 ug/l

RT: 9.385 min Scan# 1269

Delta R.T. 0.006 min

Lab File: VD072712.D

Acq: 27 Apr 2022 12:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

Tgt Ion: 63 Resp: 4212

Ion Ratio Lower Upper

63 100

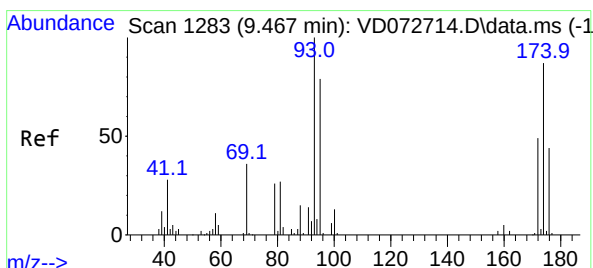
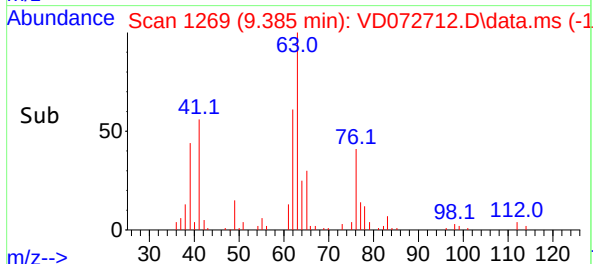
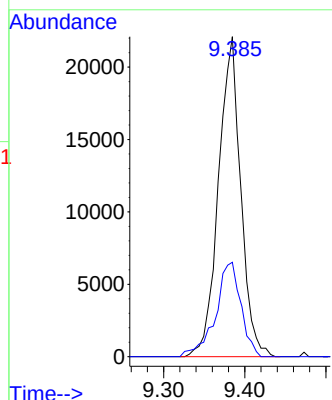
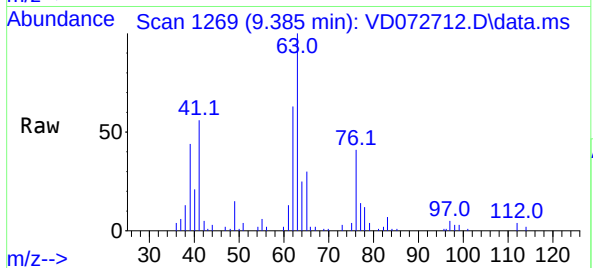
65 29.5 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2022

Supervised By :Mahesh Dadoda 04/28/2022



#46

Dibromomethane

Concen: 12.738 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. -0.000 min

Lab File: VD072712.D

Acq: 27 Apr 2022 12:32

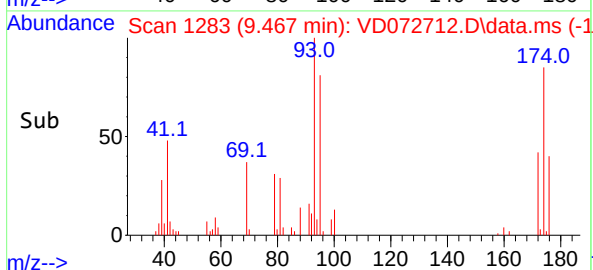
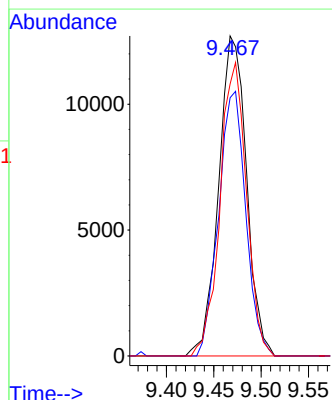
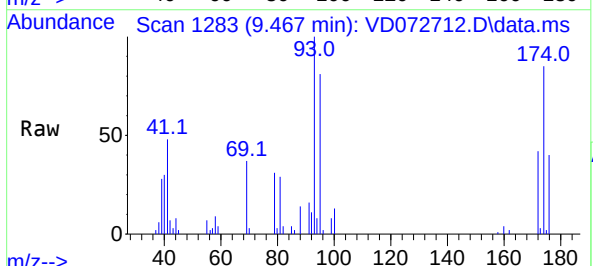
Tgt Ion: 93 Resp: 26048

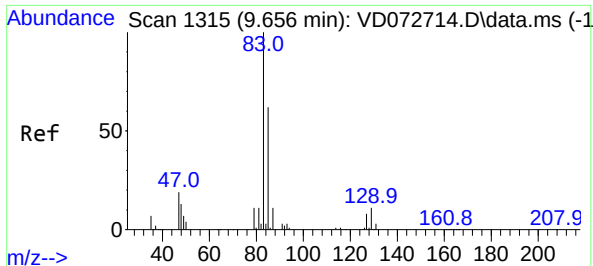
Ion Ratio Lower Upper

93 100

95 80.6 66.7 100.1

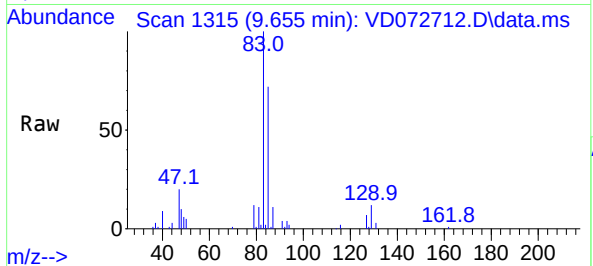
174 87.1 71.6 107.4





#47
Bromodichloromethane
Concen: 10.626 ug/l
RT: 9.655 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VD072712.D
Acq: 27 Apr 2022 12:32

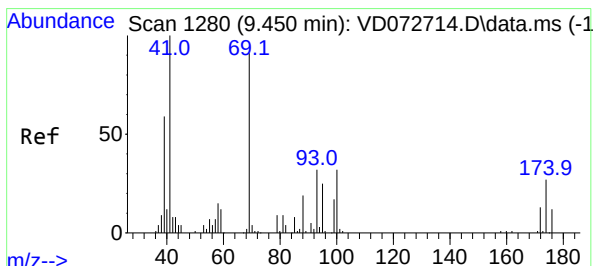
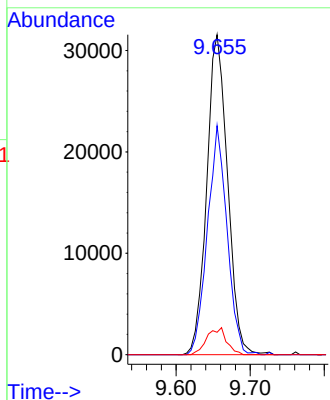
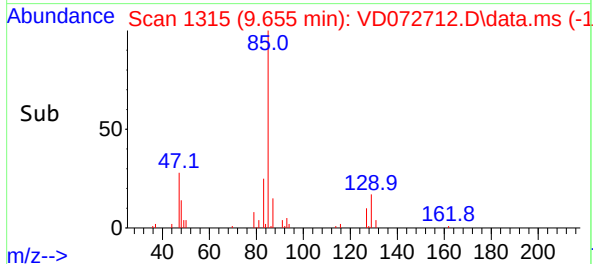
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



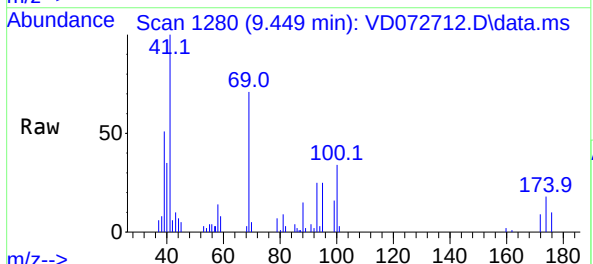
Tgt Ion: 83 Resp: 61624
Ion Ratio Lower Upper
83 100
85 71.5 51.4 77.0
127 7.0 6.1 9.1

Manual Integrations
APPROVED

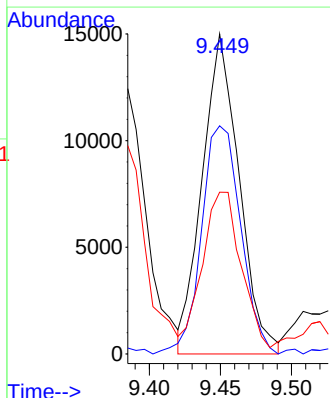
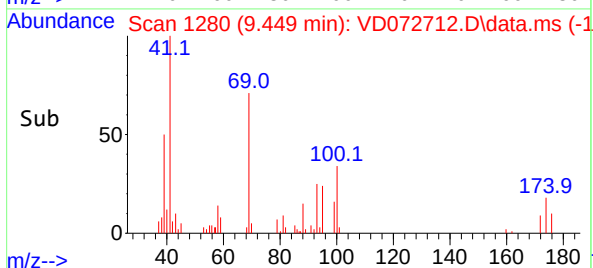
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

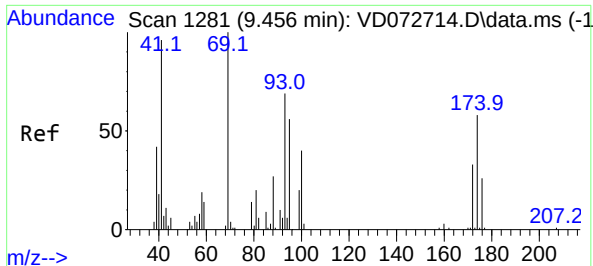


#48
Methyl methacrylate
Concen: 13.258 ug/l
RT: 9.449 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VD072712.D
Acq: 27 Apr 2022 12:32



Tgt Ion: 41 Resp: 27074
Ion Ratio Lower Upper
41 100
69 76.0 56.7 85.1
39 54.5 42.7 64.1





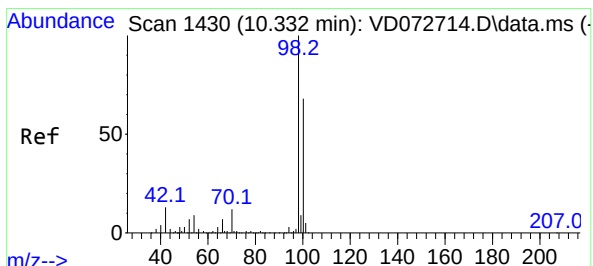
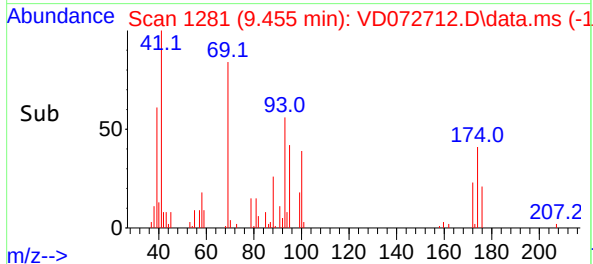
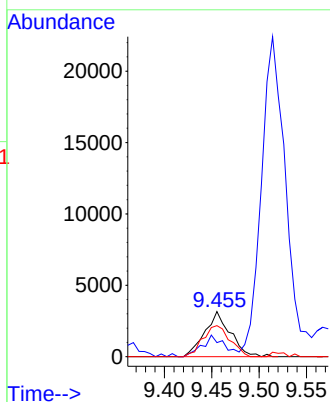
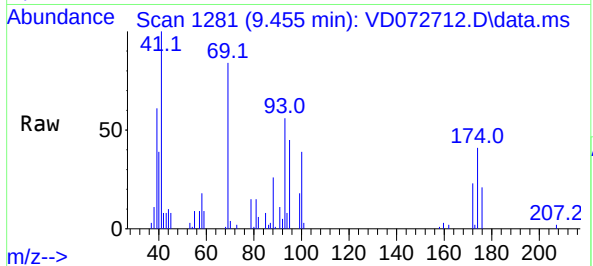
#49
1,4-Dioxane
Concen: 244.188 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. -0.000 min
Lab File: VD072712.D
Acq: 27 Apr 2022 12:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

Tgt Ion: 88 Resp: 596
Ion Ratio Lower Upper
88 100
43 41.8 31.0 46.4
58 72.5 58.1 87.1

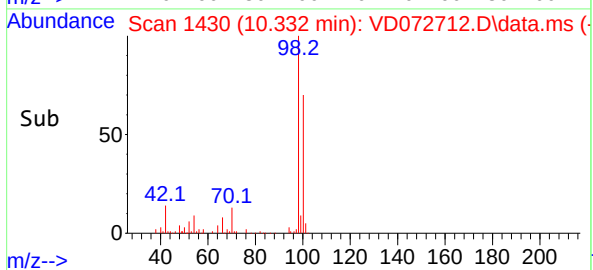
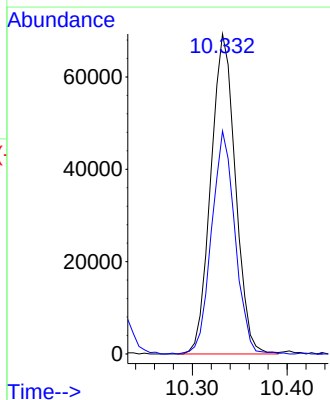
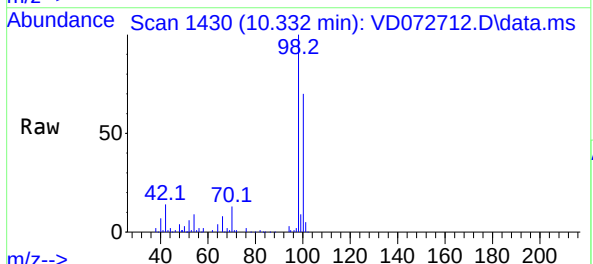
Manual Integrations
APPROVED

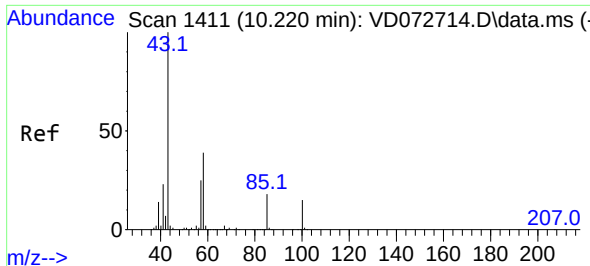
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#50
Toluene-d8
Concen: 9.201 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072712.D
Acq: 27 Apr 2022 12:32

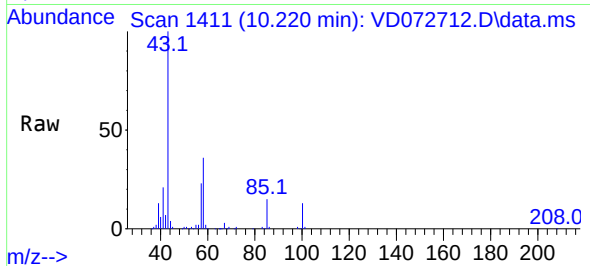
Tgt Ion: 98 Resp: 124694
Ion Ratio Lower Upper
98 100
100 66.7 52.4 78.6





#51
4-Methyl-2-Pentanone
Concen: 63.649 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VD072712.D
Acq: 27 Apr 2022 12:32

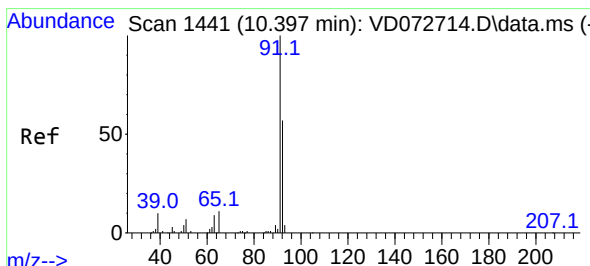
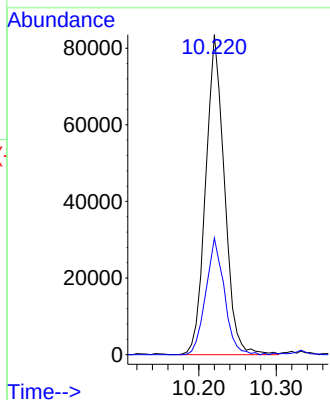
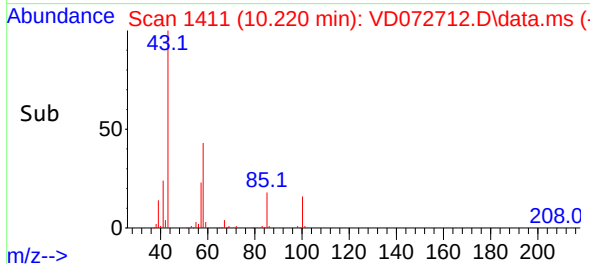
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010



Tgt Ion: 43 Resp: 141025
Ion Ratio Lower Upper
43 100
58 36.1 28.6 43.0

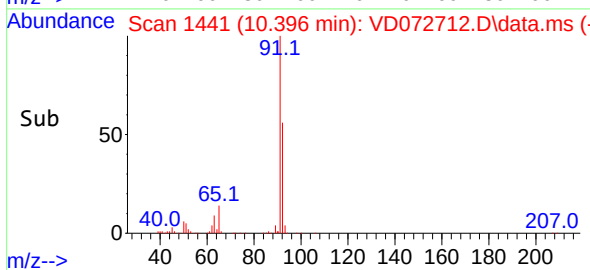
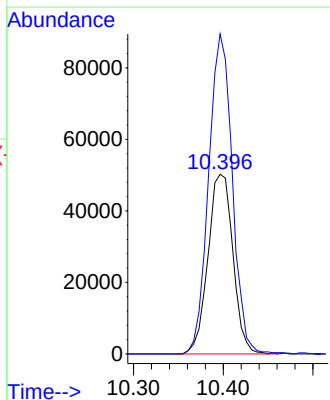
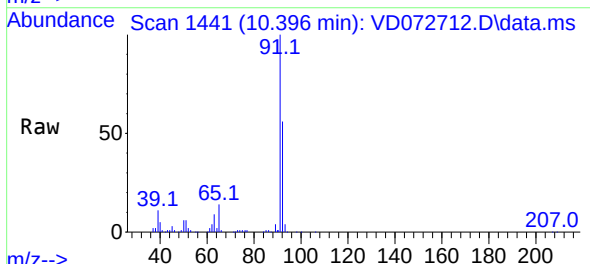
Manual Integrations
APPROVED

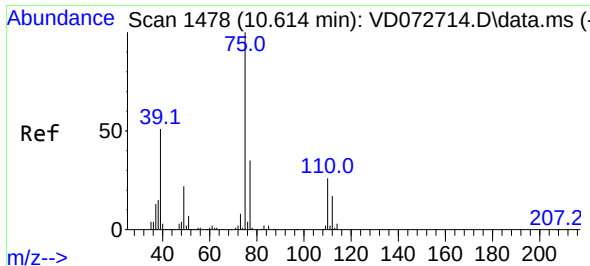
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#52
Toluene
Concen: 10.630 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD072712.D
Acq: 27 Apr 2022 12:32

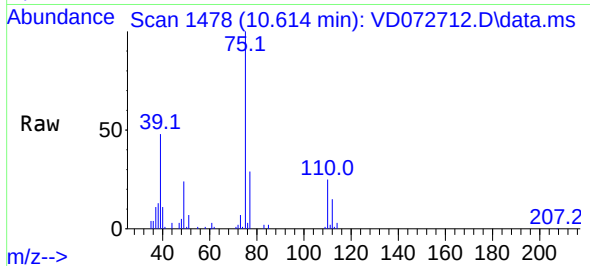
Tgt Ion: 92 Resp: 96955
Ion Ratio Lower Upper
92 100
91 169.3 139.6 209.4





#53
t-1,3-Dichloropropene
Concen: 11.634 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VD072712.D
Acq: 27 Apr 2022 12:32

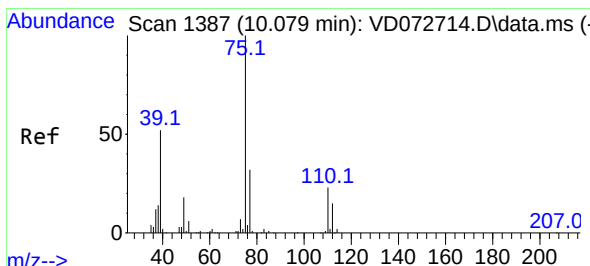
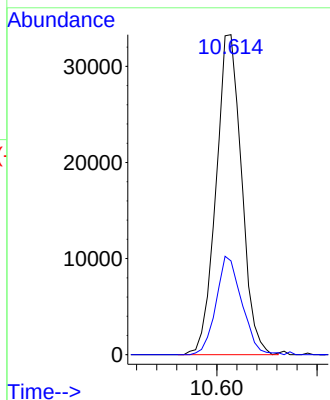
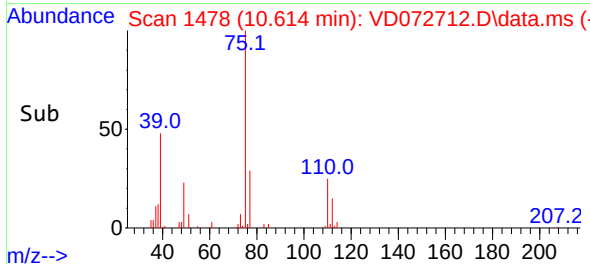
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



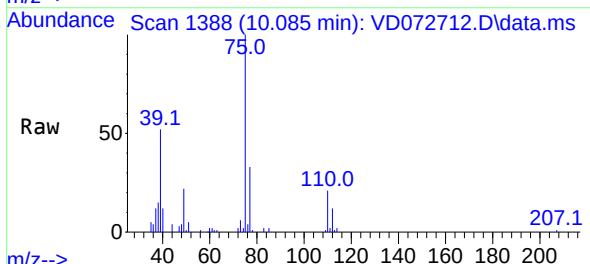
Tgt Ion: 75 Resp: 58852
Ion Ratio Lower Upper
75 100
77 29.3 24.5 36.7

Manual Integrations
APPROVED

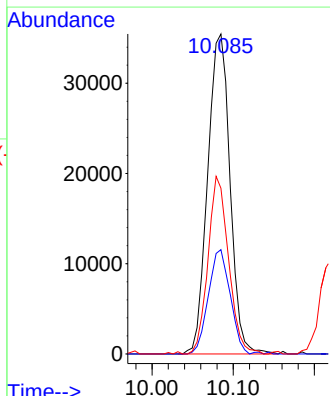
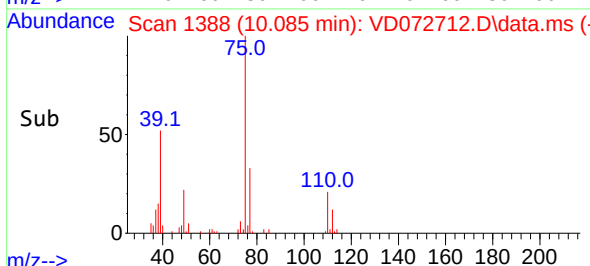
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

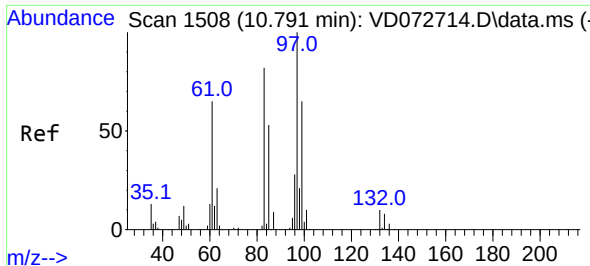


#54
cis-1,3-Dichloropropene
Concen: 11.340 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. 0.006 min
Lab File: VD072712.D
Acq: 27 Apr 2022 12:32



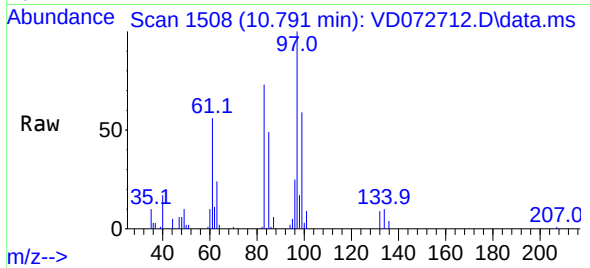
Tgt Ion: 75 Resp: 67850
Ion Ratio Lower Upper
75 100
77 32.6 24.8 37.2
39 51.1 46.8 70.2





#55
1,1,2-Trichloroethane
Concen: 11.487 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD072712.D
Acq: 27 Apr 2022 12:32

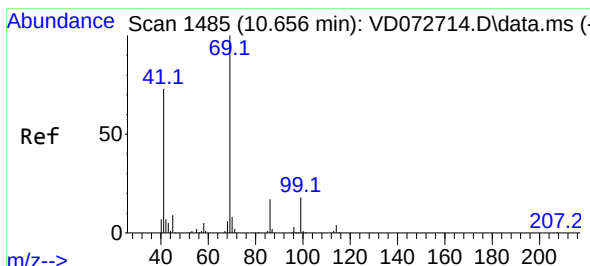
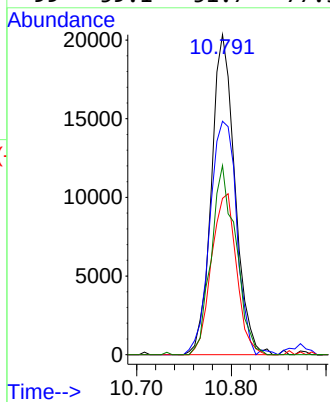
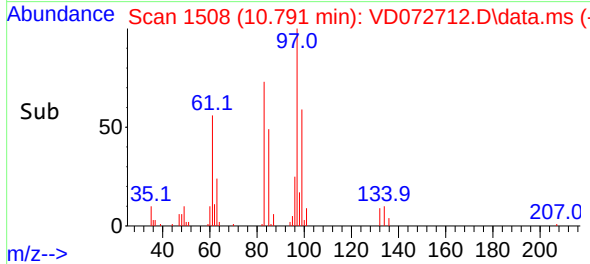
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



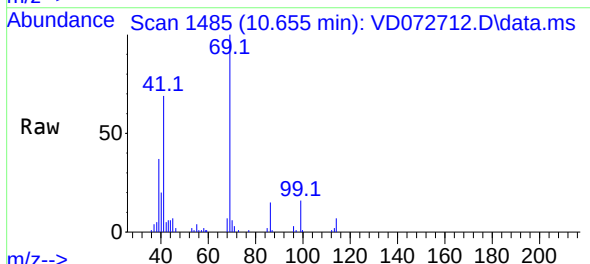
Tgt Ion:	97	Resp:	3504
Ion Ratio	100	Lower	Upper
97	100		
83	73.0	69.0	103.4
85	48.9	42.6	63.8
99	59.1	51.7	77.5

Manual Integrations
APPROVED

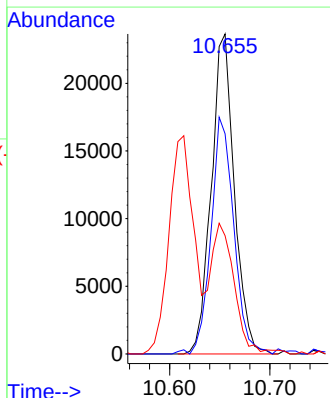
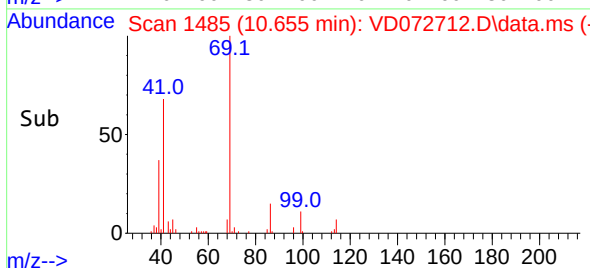
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

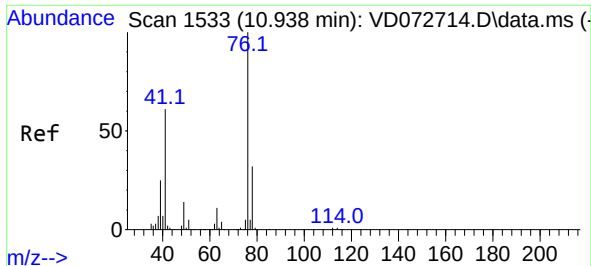


#56
Ethyl methacrylate
Concen: 10.886 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. -0.000 min
Lab File: VD072712.D
Acq: 27 Apr 2022 12:32



Tgt Ion:	69	Resp:	37711
Ion Ratio	100	Lower	Upper
69	100		
41	73.3	63.0	94.6
39	40.3	33.8	50.8





#57

1,3-Dichloropropane

Concen: 11.563 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VD072712.D

Acq: 27 Apr 2022 12:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tgt Ion: 76 Resp: 58874

Ion Ratio Lower Upper

76 100

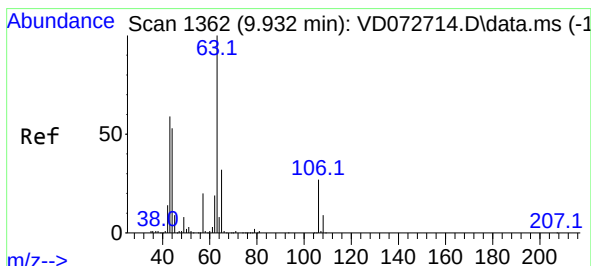
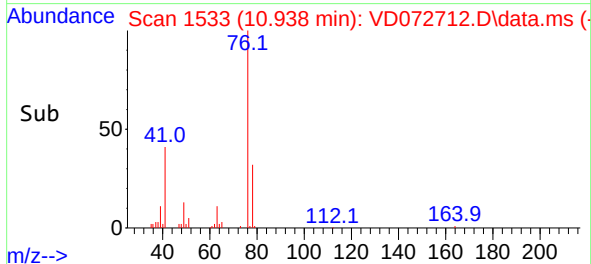
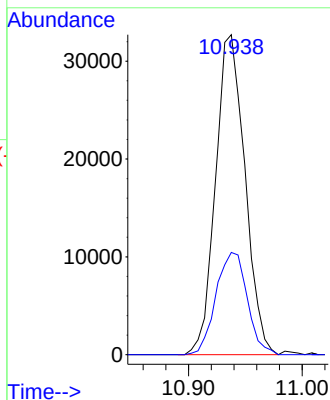
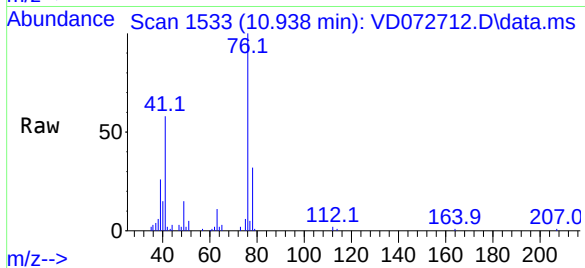
78 33.9 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2022

Supervised By :Mahesh Dadoda 04/28/2022



#58

2-Chloroethyl Vinyl ether

Concen: 52.001 ug/l

RT: 9.938 min Scan# 1363

Delta R.T. 0.006 min

Lab File: VD072712.D

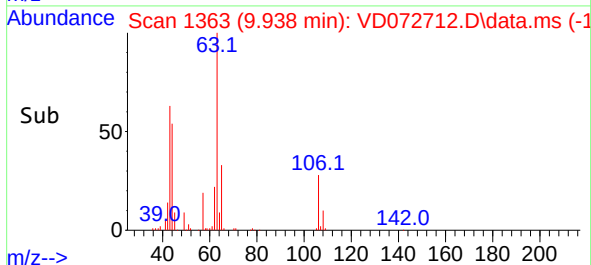
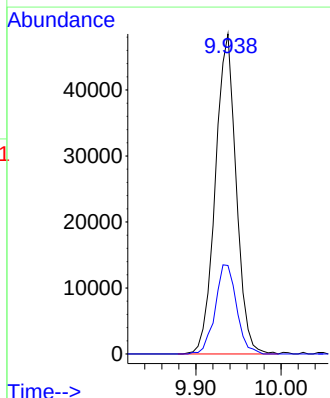
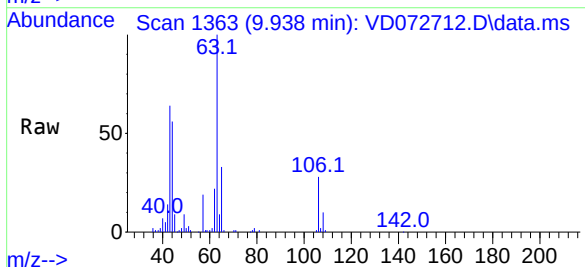
Acq: 27 Apr 2022 12:32

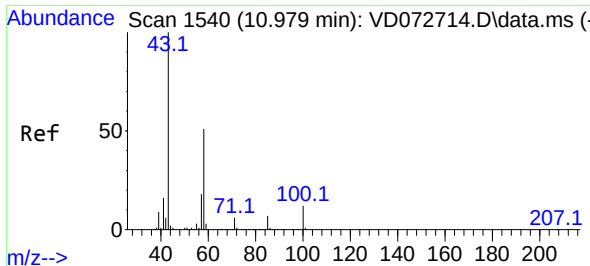
Tgt Ion: 63 Resp: 82412

Ion Ratio Lower Upper

63 100

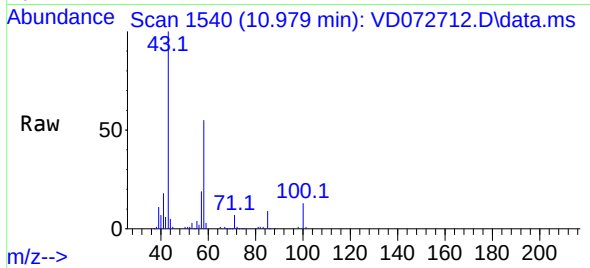
106 28.6 21.4 32.0





#59
2-Hexanone
Concen: 61.357 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD072712.D
Acq: 27 Apr 2022 12:32

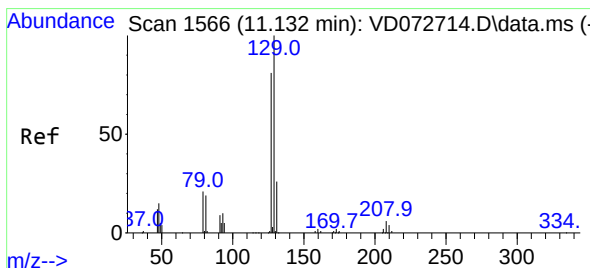
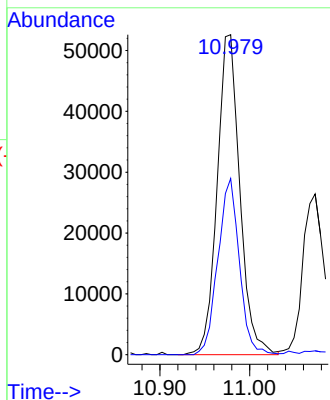
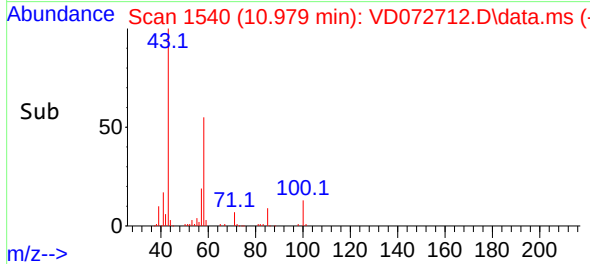
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010



Tgt Ion: 43 Resp: 92424
Ion Ratio Lower Upper
43 100
58 51.9 25.3 75.9

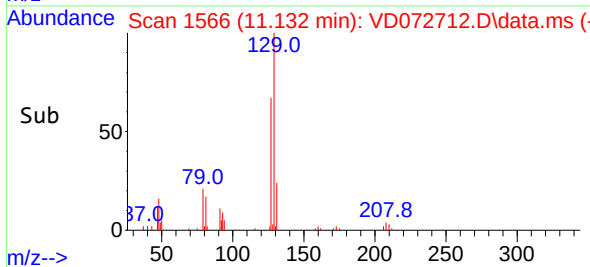
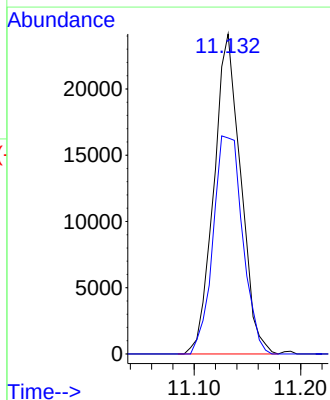
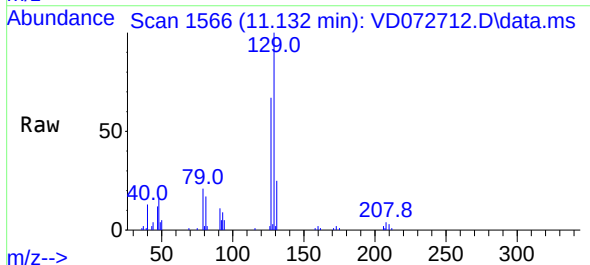
Manual Integrations
APPROVED

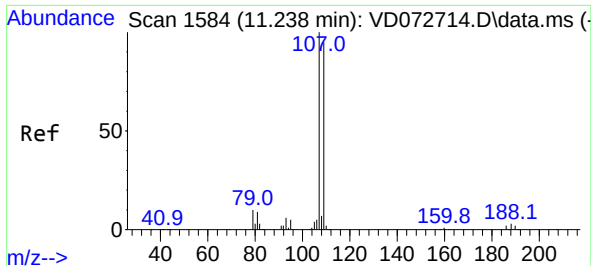
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#60
Dibromochloromethane
Concen: 10.787 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD072712.D
Acq: 27 Apr 2022 12:32

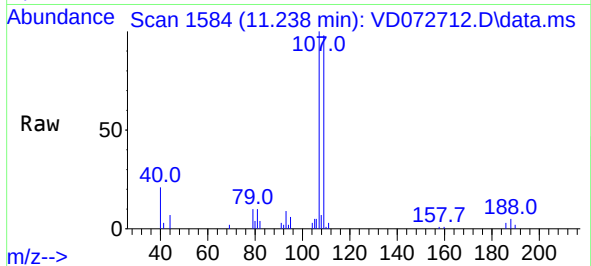
Tgt Ion:129 Resp: 42243
Ion Ratio Lower Upper
129 100
127 75.0 39.2 117.6





#61
1,2-Dibromoethane
Concen: 11.994 ug/l
RT: 11.238 min Scan# 1584
Delta R.T. -0.000 min
Lab File: VD072712.D
Acq: 27 Apr 2022 12:32

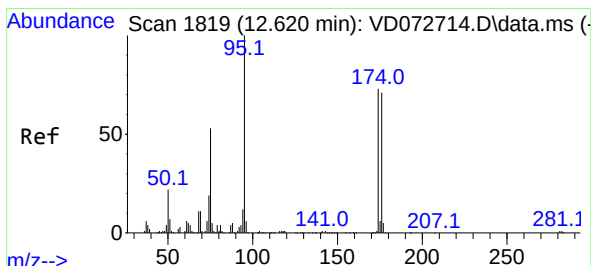
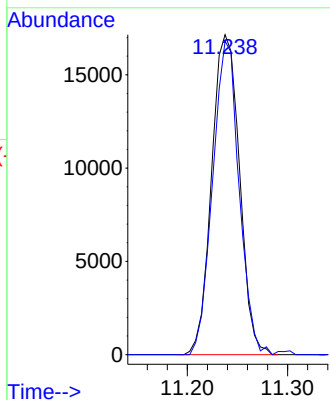
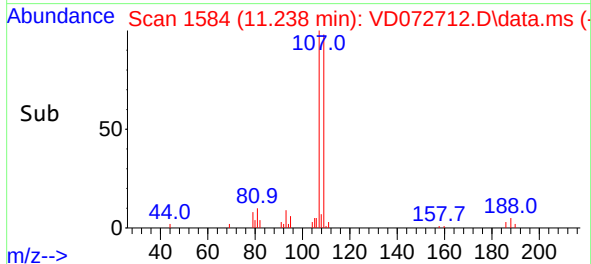
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



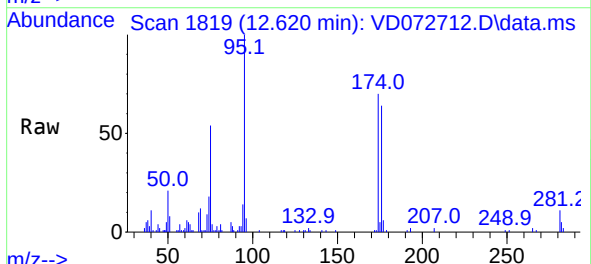
Tgt Ion: 107 Resp: 32978
Ion Ratio Lower Upper
107 100
109 93.4 74.2 111.4

Manual Integrations
APPROVED

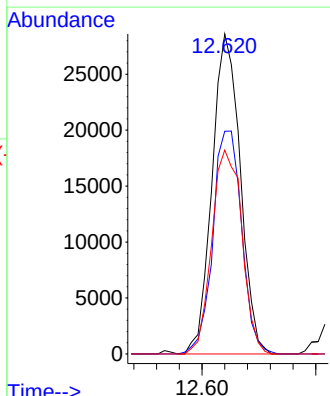
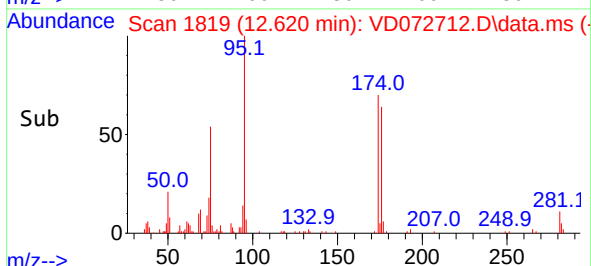
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

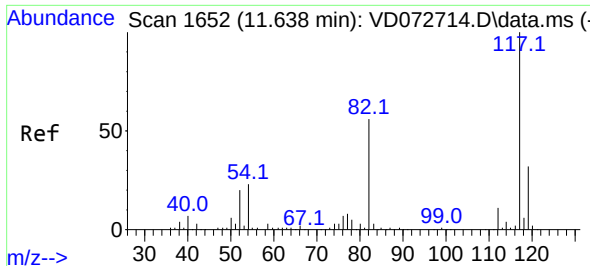


#62
4-Bromofluorobenzene
Concen: 9.257 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072712.D
Acq: 27 Apr 2022 12:32



Tgt Ion: 95 Resp: 49154
Ion Ratio Lower Upper
95 100
174 71.4 0.0 152.8
176 68.0 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: VD072712.D
Acq: 27 Apr 2022 12:32

Instrument :

MSVOA_D

ClientSampleId :

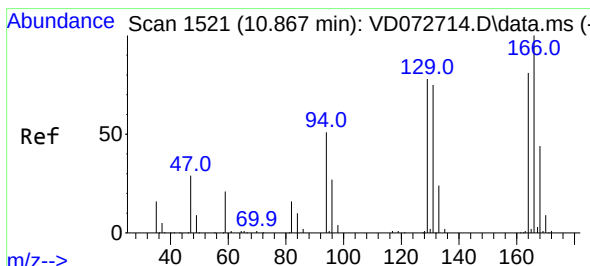
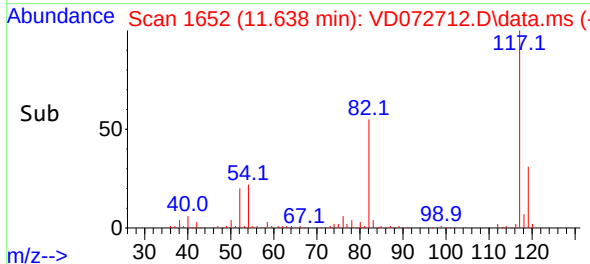
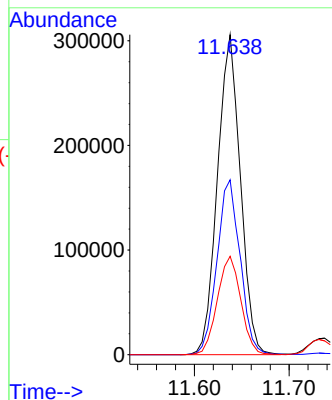
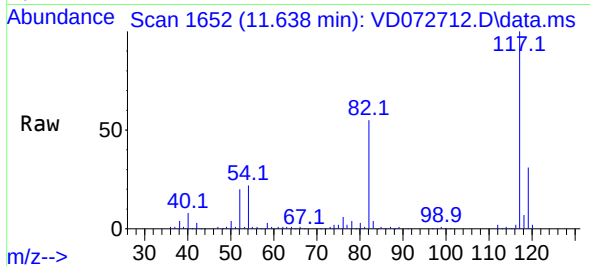
VSTDICC010

Tgt Ion:117 Resp: 514768
Ion Ratio Lower Upper
117 100
82 54.7 45.3 67.9
119 30.8 26.6 40.0

Manual Integrations

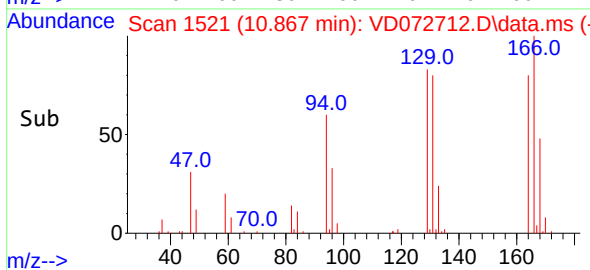
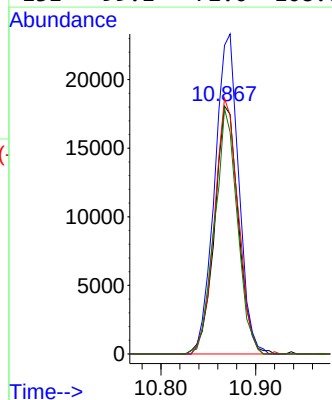
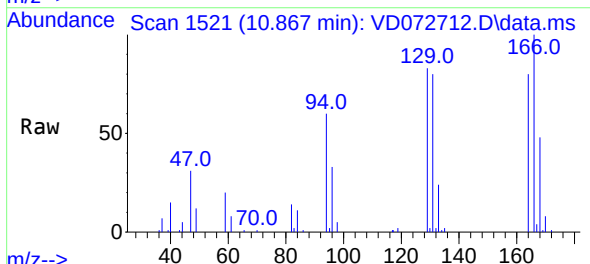
APPROVED

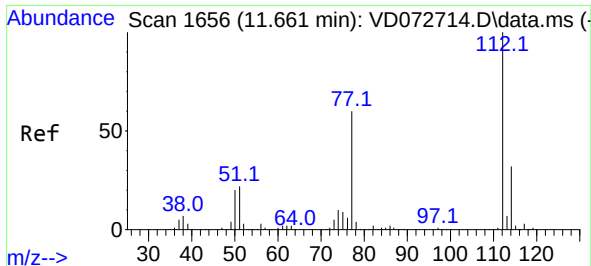
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#64
Tetrachloroethene
Concen: 9.722 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.000 min
Lab File: VD072712.D
Acq: 27 Apr 2022 12:32

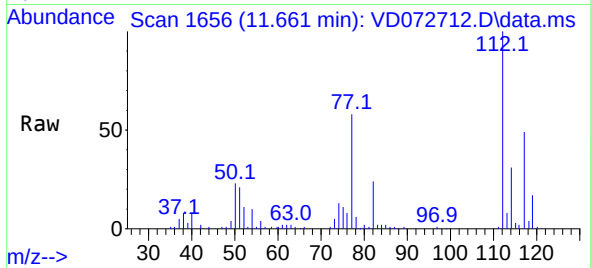
Tgt Ion:164 Resp: 31582
Ion Ratio Lower Upper
164 100
166 124.6 98.5 147.7
129 103.2 74.6 111.8
131 99.1 72.0 108.0





#65
Chlorobenzene
Concen: 9.761 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.000 min
Lab File: VD072712.D
Acq: 27 Apr 2022 12:32

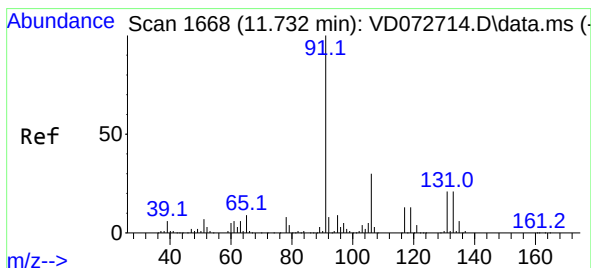
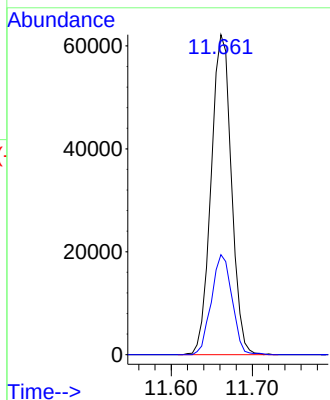
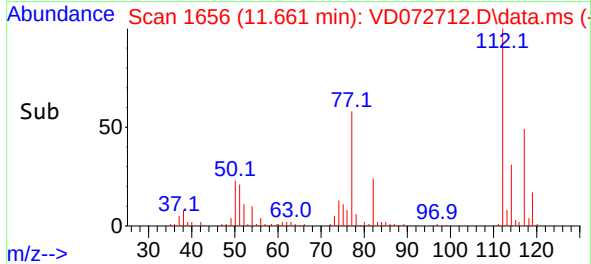
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



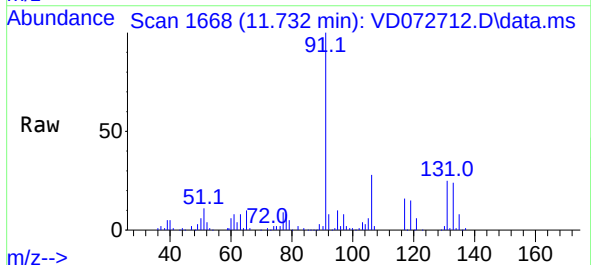
Tgt Ion:112 Resp: 10812
Ion Ratio Lower Upper
112 100
114 31.3 25.8 38.6

Manual Integrations
APPROVED

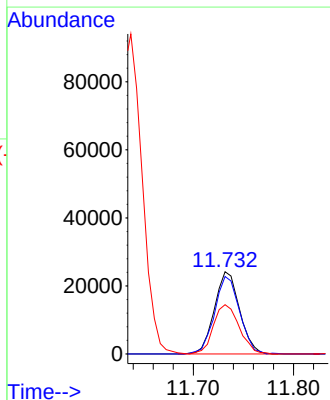
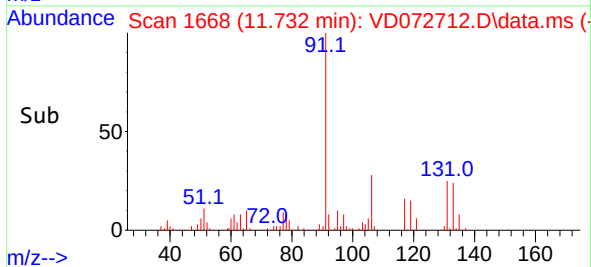
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

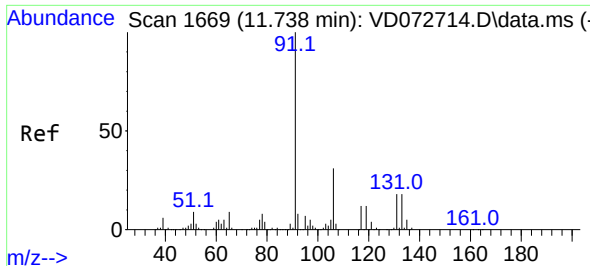


#66
1,1,1,2-Tetrachloroethane
Concen: 9.541 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD072712.D
Acq: 27 Apr 2022 12:32



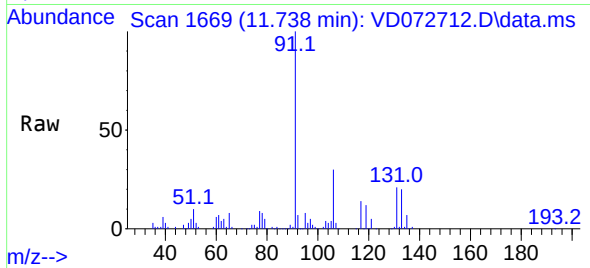
Tgt Ion:131 Resp: 42066
Ion Ratio Lower Upper
131 100
133 94.0 48.1 144.3
119 61.5 31.9 95.9





#67
Ethyl Benzene
Concen: 9.041 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD072712.D
Acq: 27 Apr 2022 12:32

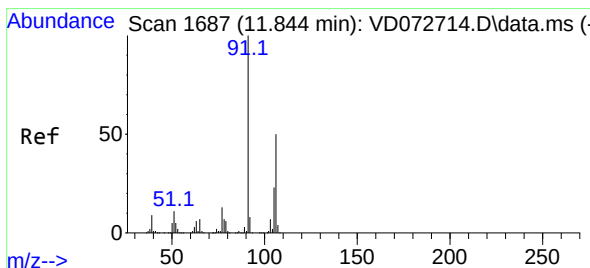
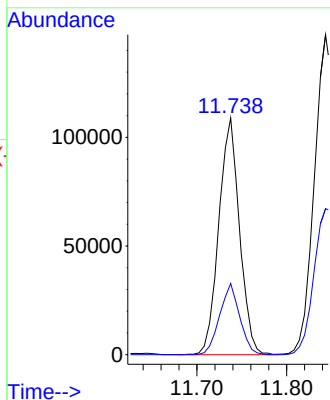
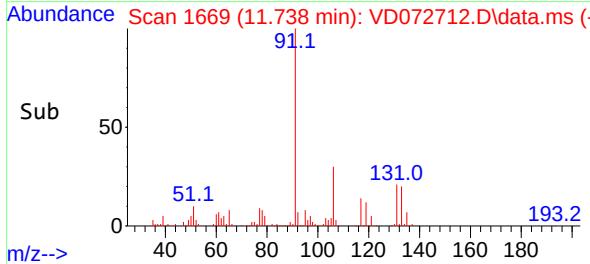
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



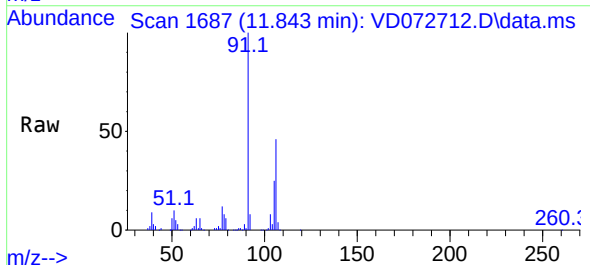
Tgt Ion: 91 Resp: 174400
Ion Ratio Lower Upper
91 100
106 30.1 24.2 36.4

Manual Integrations
APPROVED

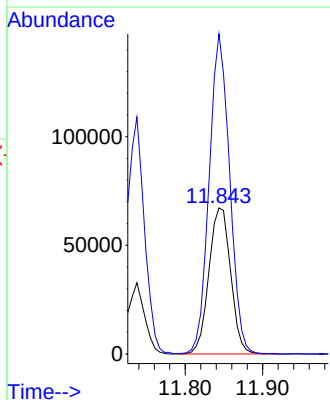
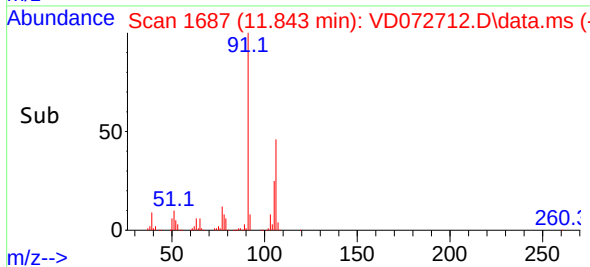
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

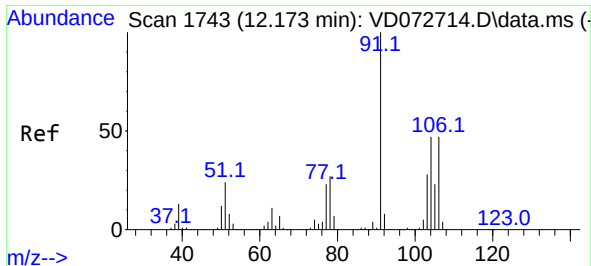


#68
m/p-Xylenes
Concen: 17.867 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VD072712.D
Acq: 27 Apr 2022 12:32



Tgt Ion:106 Resp: 131053
Ion Ratio Lower Upper
106 100
91 206.8 163.7 245.5





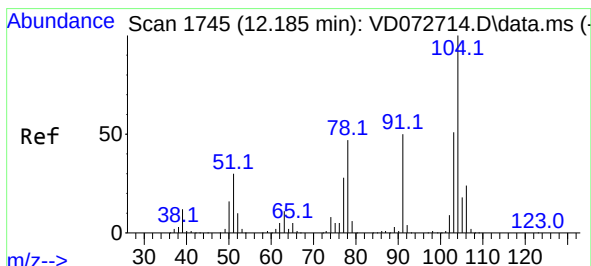
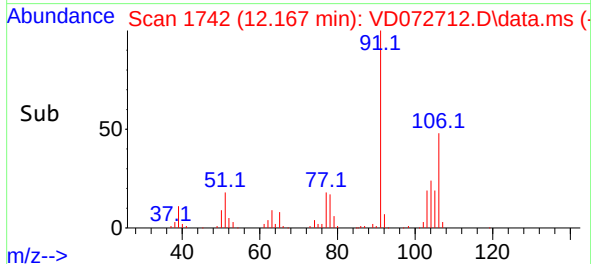
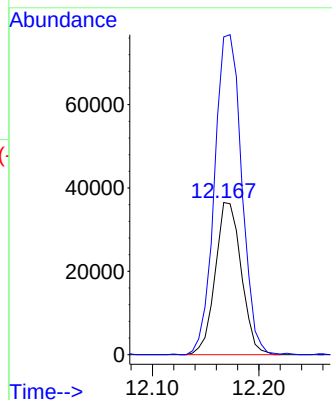
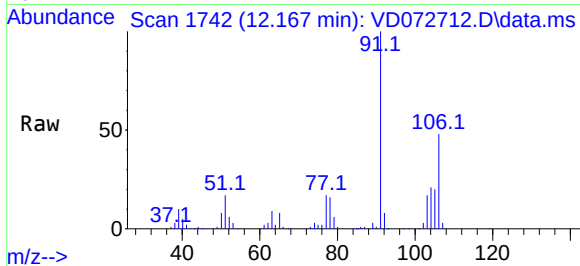
#69
o-Xylene
Concen: 8.742 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. -0.006 min
Lab File: VD072712.D
Acq: 27 Apr 2022 12:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion:106 Resp: 61904
Ion Ratio Lower Upper
106 100
91 220.2 110.4 331.2

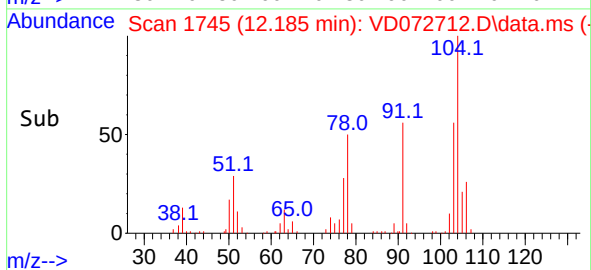
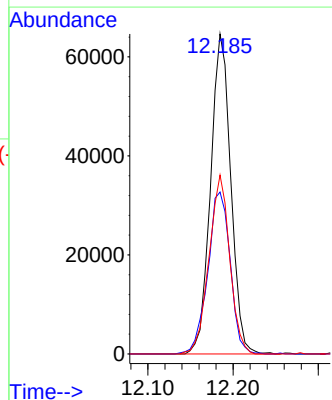
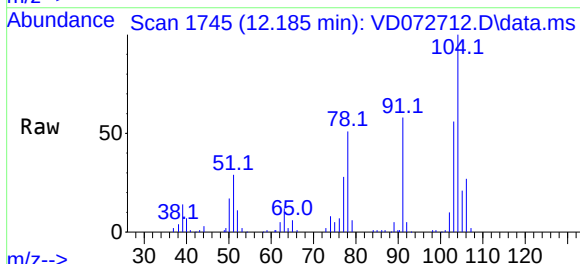
Manual Integrations
APPROVED

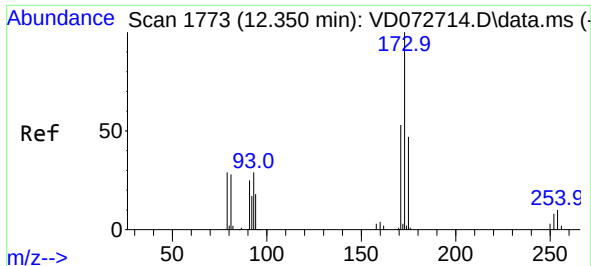
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#70
Styrene
Concen: 8.563 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD072712.D
Acq: 27 Apr 2022 12:32

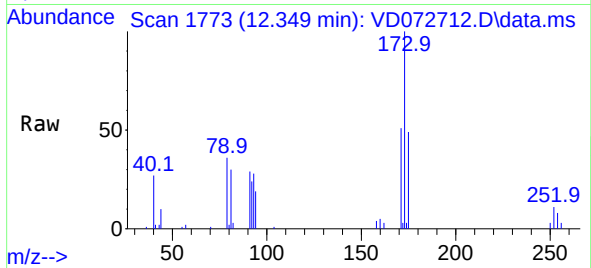
Tgt Ion:104 Resp: 106418
Ion Ratio Lower Upper
104 100
78 56.0 41.8 62.8
103 57.4 44.2 66.4





#71
Bromoform
Concen: 9.971 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VD072712.D
Acq: 27 Apr 2022 12:32

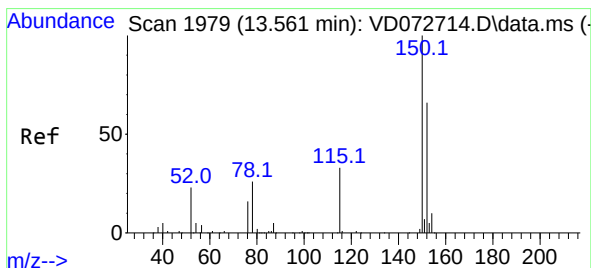
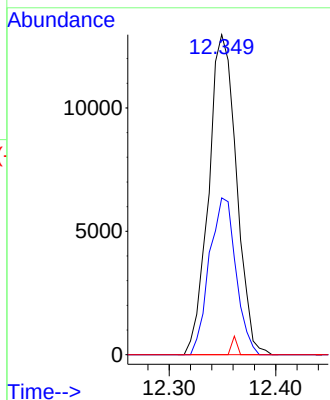
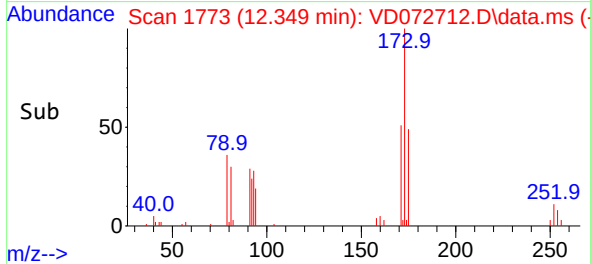
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



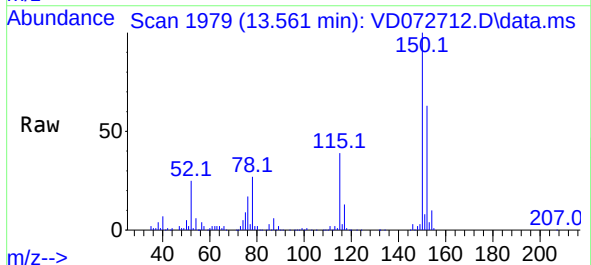
Tgt Ion:173 Resp: 23480
Ion Ratio Lower Upper
173 100
175 46.8 23.9 71.8
254 1.1 0.0 0.0

Manual Integrations
APPROVED

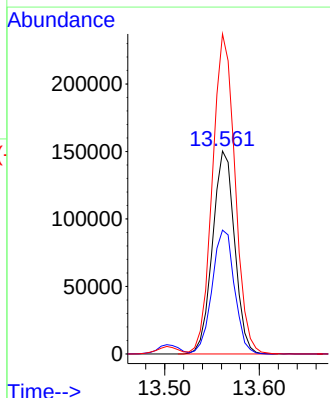
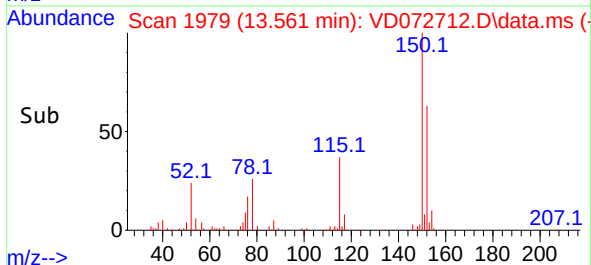
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

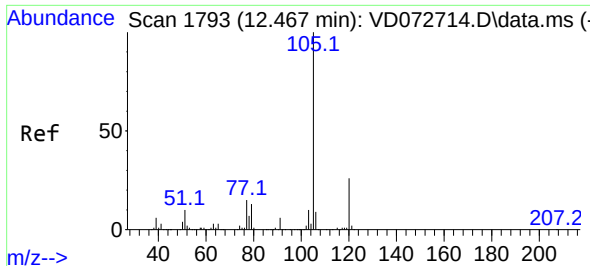


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD072712.D
Acq: 27 Apr 2022 12:32



Tgt Ion:152 Resp: 243354
Ion Ratio Lower Upper
152 100
115 61.9 31.3 93.8
150 161.5 0.0 348.6





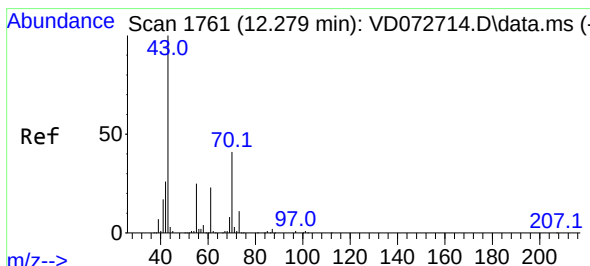
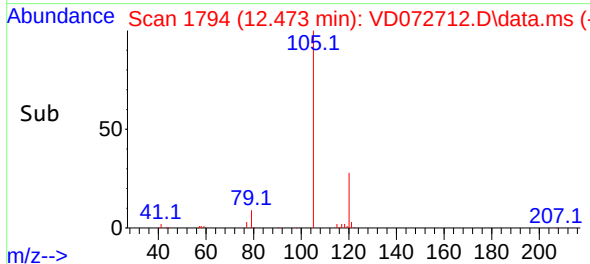
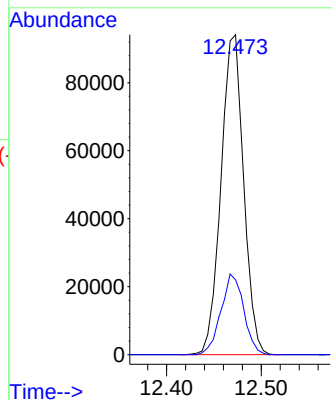
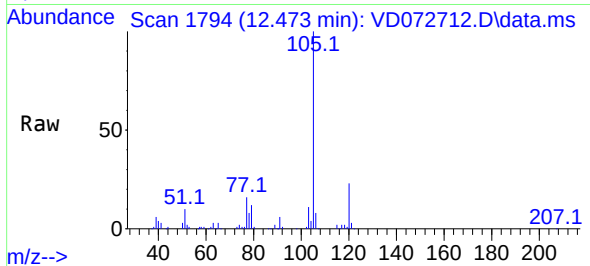
#73
Isopropylbenzene
Concen: 8.302 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD072712.D
Acq: 27 Apr 2022 12:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

Tgt Ion:105 Resp: 156280
Ion Ratio Lower Upper
105 100
120 25.3 13.0 38.9

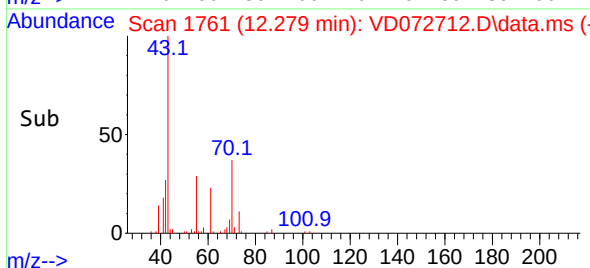
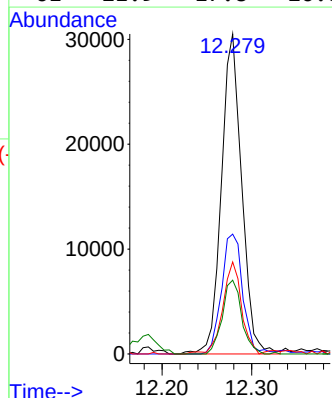
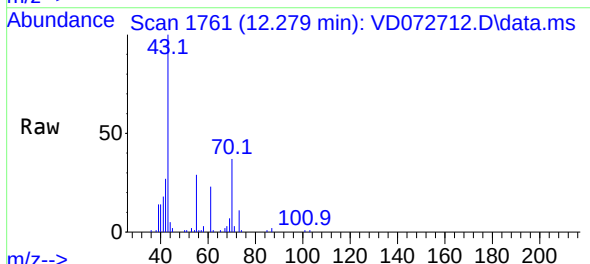
Manual Integrations
APPROVED

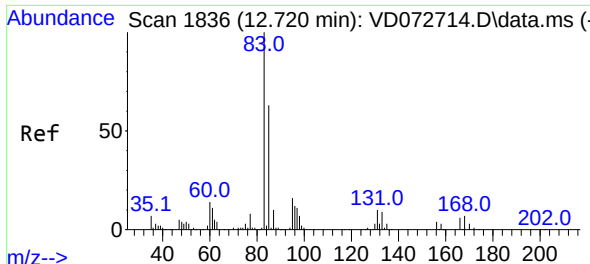
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#74
N-ethyl acetate
Concen: 11.539 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD072712.D
Acq: 27 Apr 2022 12:32

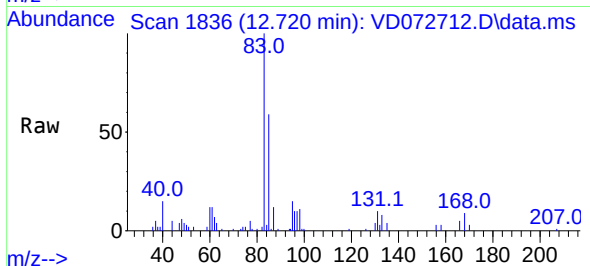
Tgt Ion: 43 Resp: 47893
Ion Ratio Lower Upper
43 100
70 39.3 31.3 46.9
55 26.6 20.0 30.0
61 21.9 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 10.708 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD072712.D
Acq: 27 Apr 2022 12:32

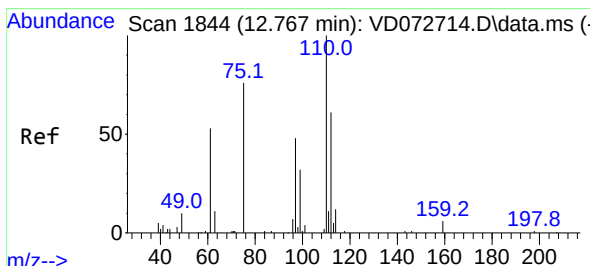
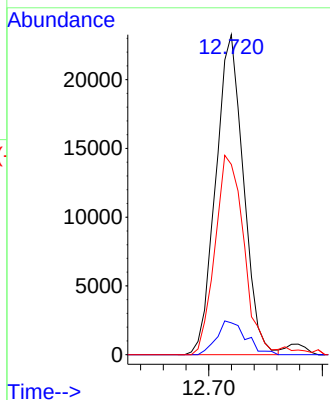
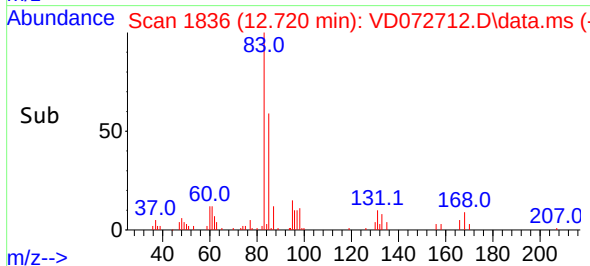
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



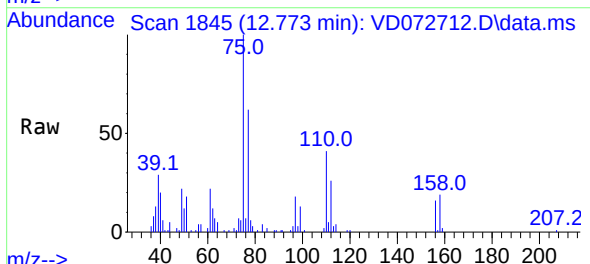
Tgt Ion: 83 Resp: 39424
Ion Ratio Lower Upper
83 100
131 11.1 5.0 14.9
85 65.0 32.6 98.0

Manual Integrations
APPROVED

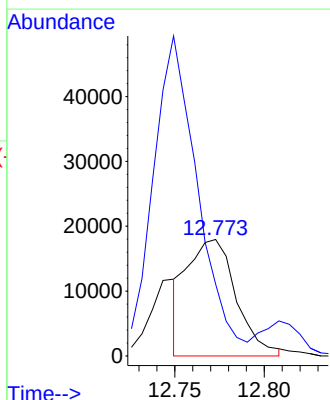
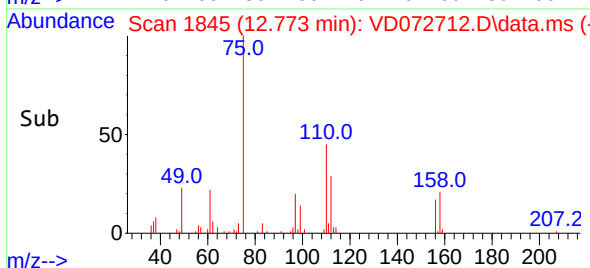
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

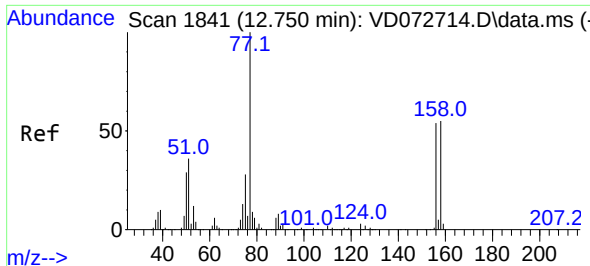


#76
1,2,3-Trichloropropane
Concen: 12.895 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VD072712.D
Acq: 27 Apr 2022 12:32



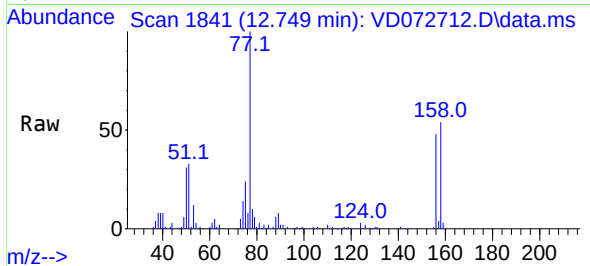
Tgt Ion: 75 Resp: 34289
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 10.103 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VD072712.D
Acq: 27 Apr 2022 12:32

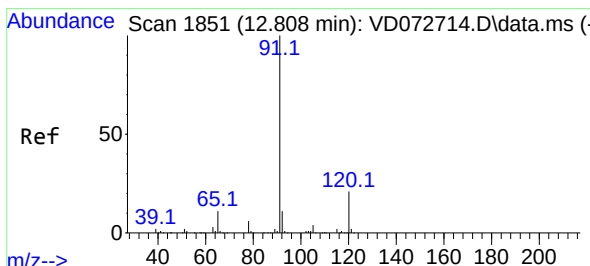
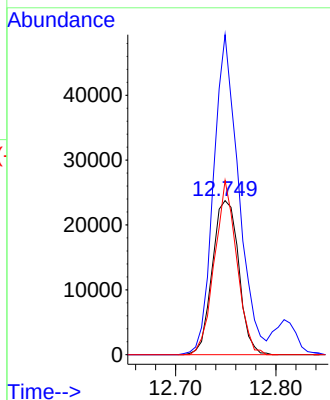
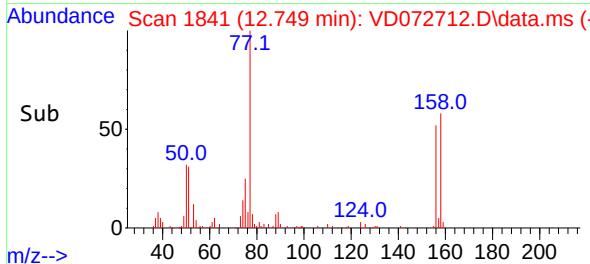
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



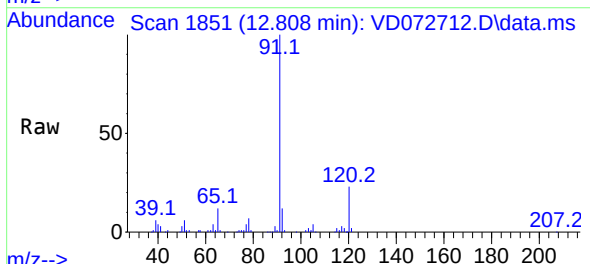
Tgt Ion:156 Resp: 43308
Ion Ratio Lower Upper
156 100
77 198.7 102.8 308.3
158 96.0 48.7 146.1

Manual Integrations
APPROVED

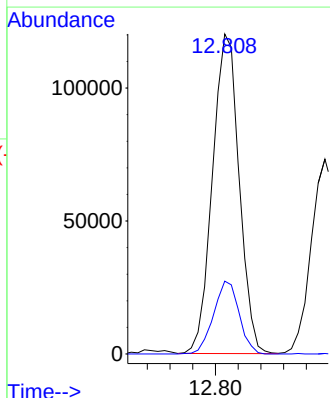
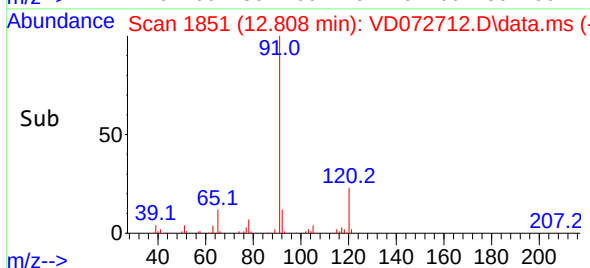
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

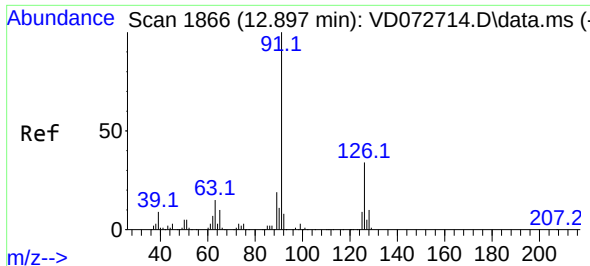


#78
n-propylbenzene
Concen: 8.587 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VD072712.D
Acq: 27 Apr 2022 12:32



Tgt Ion: 91 Resp: 196233
Ion Ratio Lower Upper
91 100
120 21.8 10.9 32.9





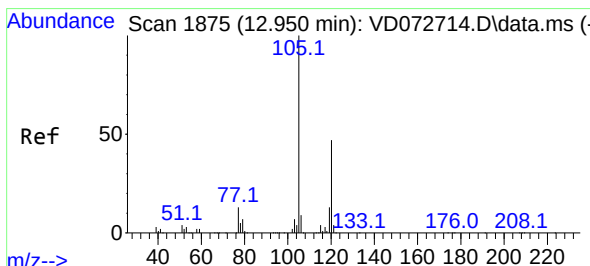
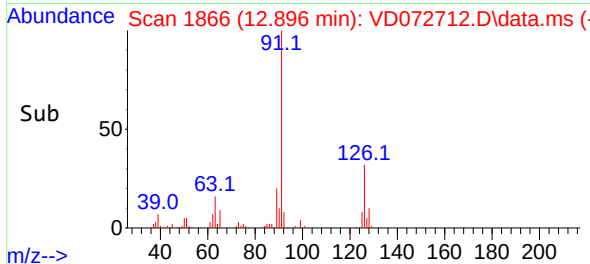
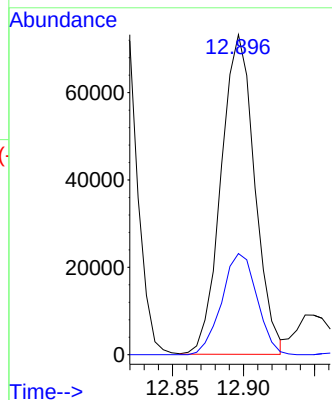
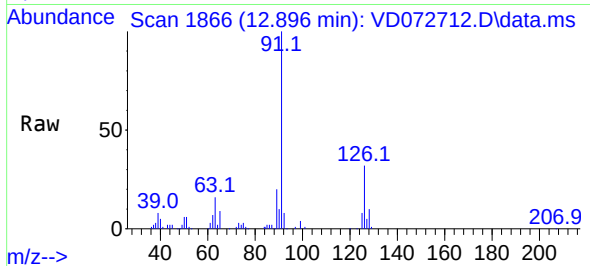
#79
2-Chlorotoluene
Concen: 9.021 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VD072712.D
Acq: 27 Apr 2022 12:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 12074
Ion Ratio Lower Upper
91 100
126 33.0 16.2 48.6

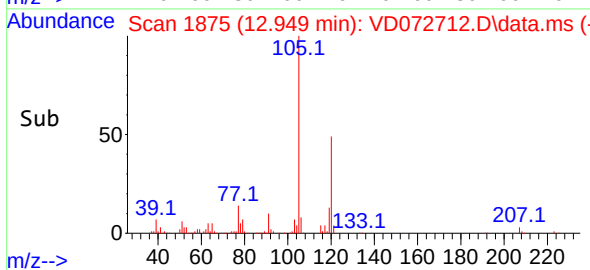
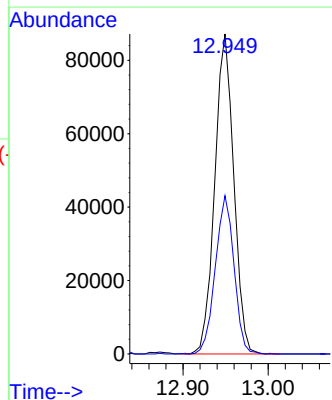
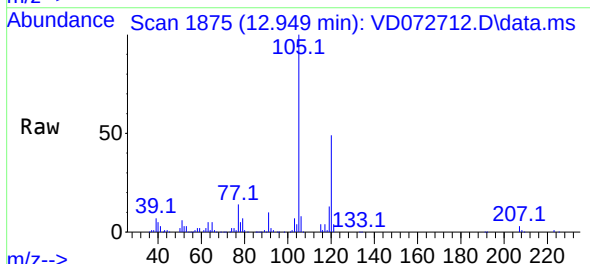
Manual Integrations
APPROVED

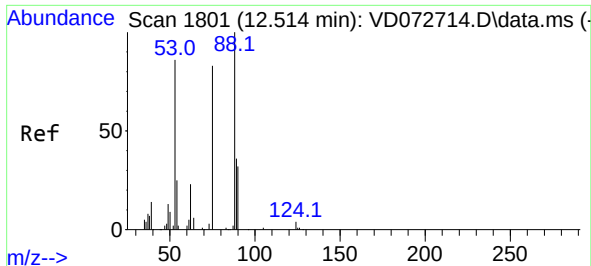
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#80
1,3,5-Trimethylbenzene
Concen: 8.356 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VD072712.D
Acq: 27 Apr 2022 12:32

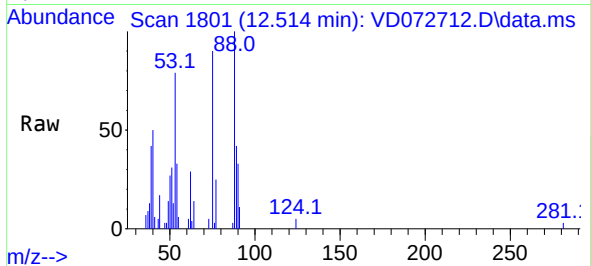
Tgt Ion:105 Resp: 135297
Ion Ratio Lower Upper
105 100
120 48.6 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 11.601 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. -0.000 min
Lab File: VD072712.D
Acq: 27 Apr 2022 12:32

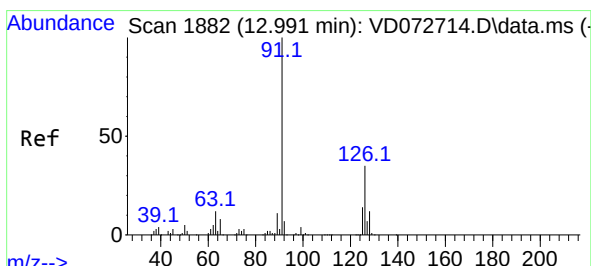
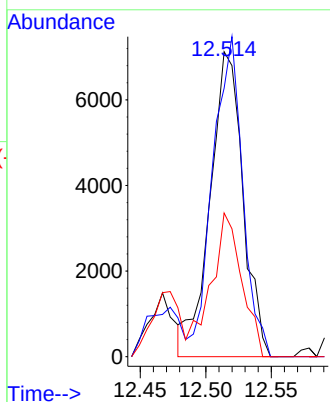
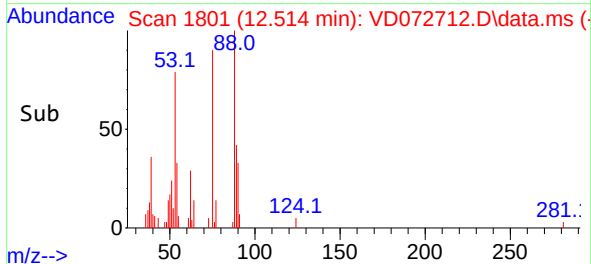
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010



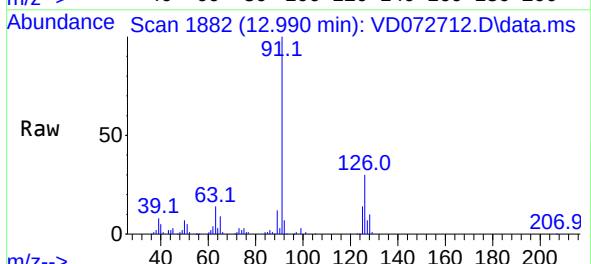
Tgt Ion: 75 Resp: 12420
Ion Ratio Lower Upper
75 100
53 95.5 86.5 129.7
89 44.1 33.9 50.9

Manual Integrations
APPROVED

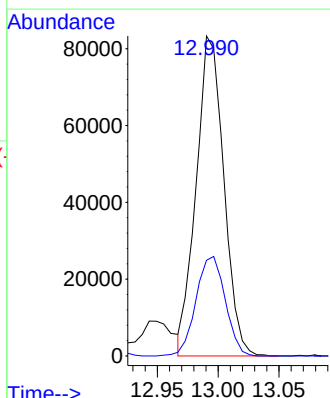
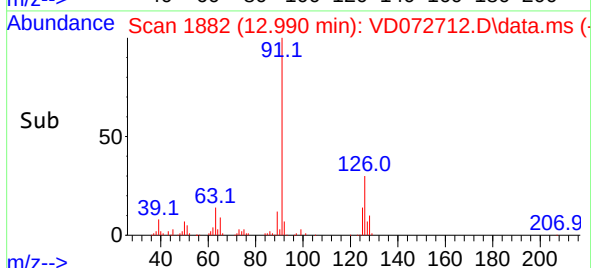
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

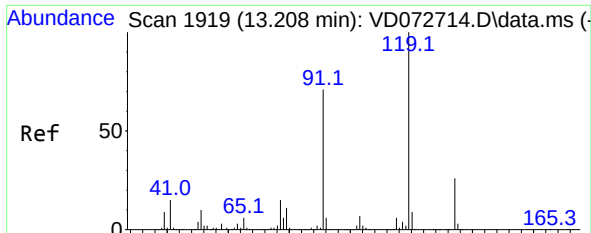


#82
4-Chlorotoluene
Concen: 9.389 ug/l
RT: 12.990 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VD072712.D
Acq: 27 Apr 2022 12:32



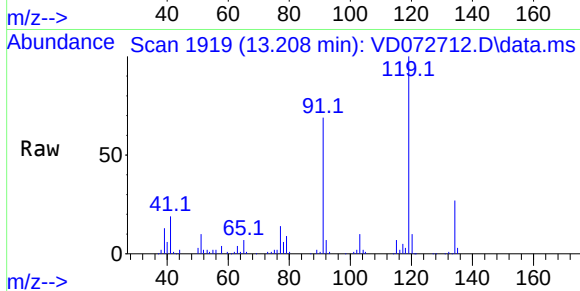
Tgt Ion: 91 Resp: 131636
Ion Ratio Lower Upper
91 100
126 32.9 16.5 49.5





#83
tert-Butylbenzene
Concen: 7.739 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VD072712.D
Acq: 27 Apr 2022 12:32

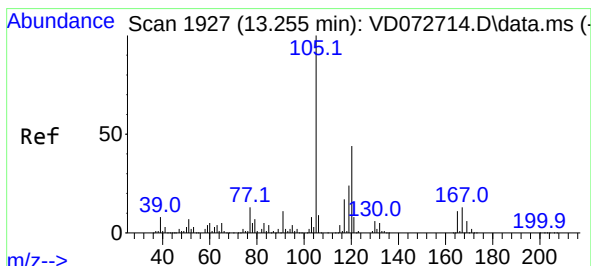
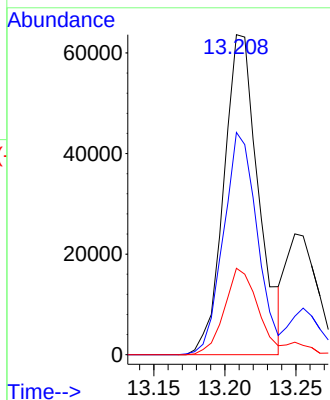
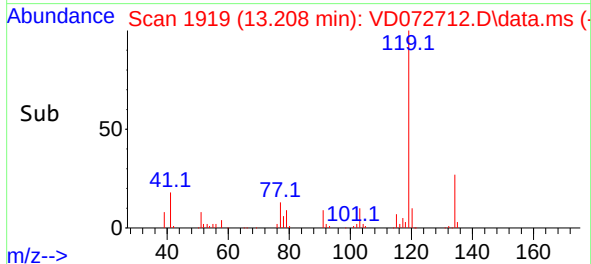
Instrument : MSVOA_D
ClientSampleId : VSTDIC010



Tgt Ion:119 Resp: 107772
Ion Ratio Lower Upper
119 100
91 67.7 34.8 104.5
134 26.6 13.3 39.9

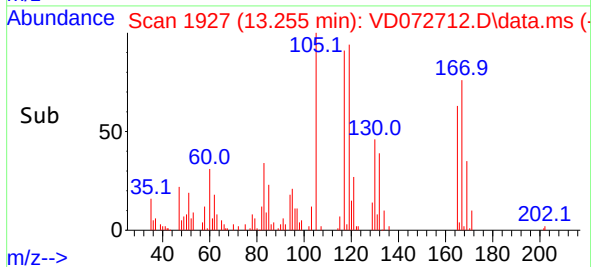
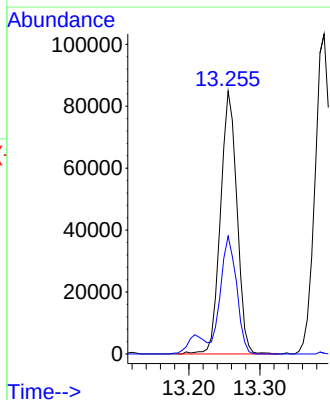
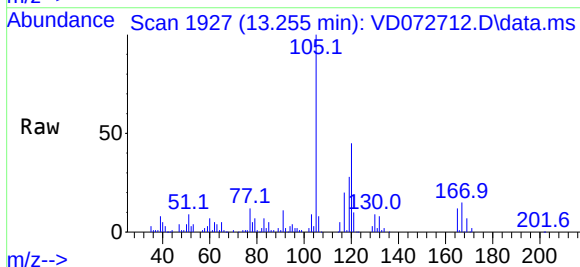
Manual Integrations
APPROVED

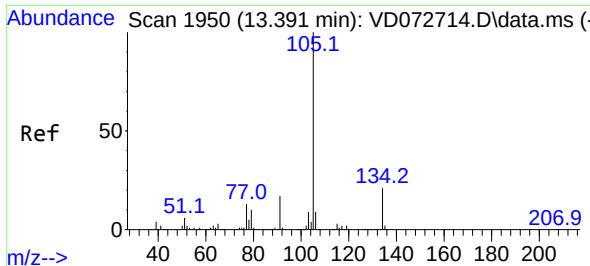
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#84
1,2,4-Trimethylbenzene
Concen: 8.557 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VD072712.D
Acq: 27 Apr 2022 12:32

Tgt Ion:105 Resp: 136044
Ion Ratio Lower Upper
105 100
120 43.9 22.3 66.8





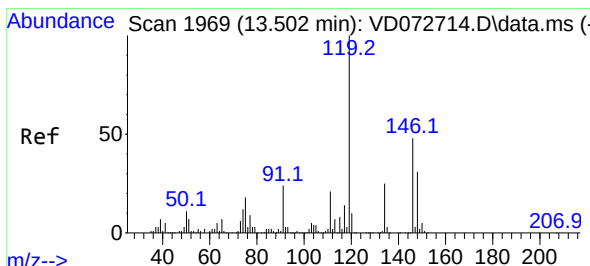
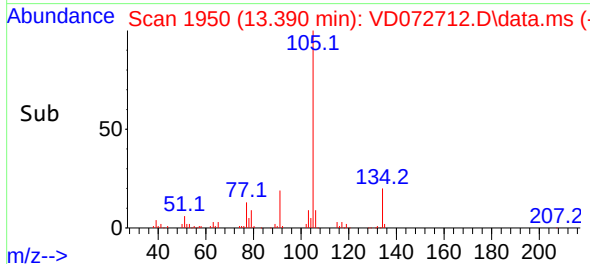
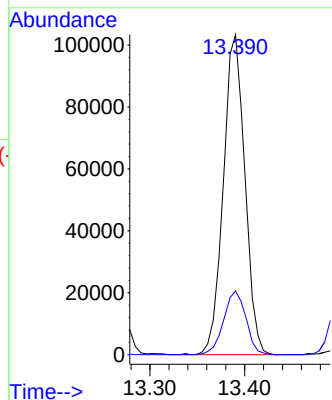
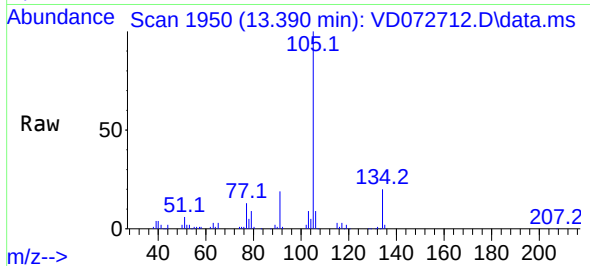
#85
 sec-Butylbenzene
 Concen: 7.826 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: VD072712.D
 Acq: 27 Apr 2022 12:32

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tgt Ion:105 Resp: 163502
 Ion Ratio Lower Upper
 105 100
 134 20.6 9.8 29.3

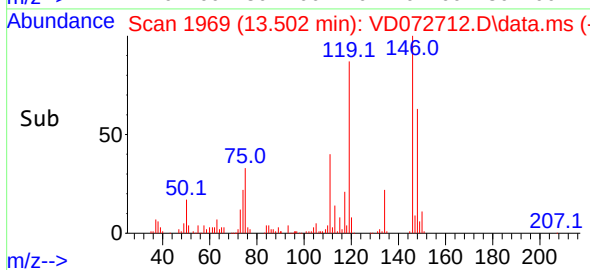
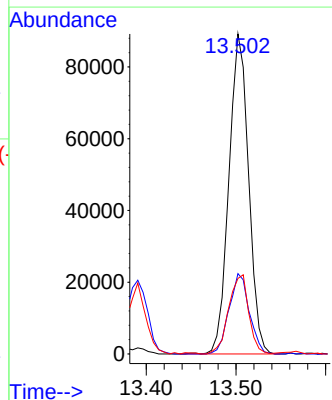
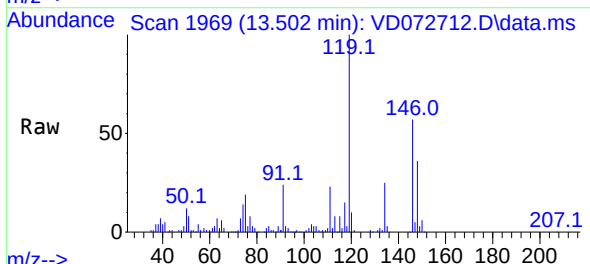
Manual Integrations
 APPROVED

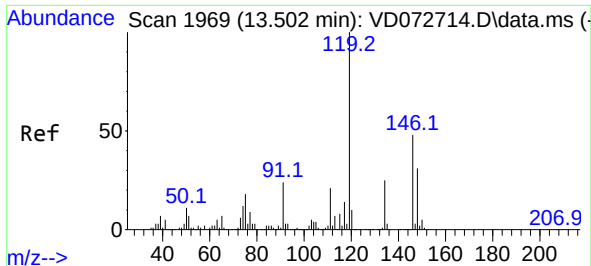
Reviewed By :John Carlone 04/28/2022
 Supervised By :Mahesh Dadoda 04/28/2022



#86
 p-Isopropyltoluene
 Concen: 7.924 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.000 min
 Lab File: VD072712.D
 Acq: 27 Apr 2022 12:32

Tgt Ion:119 Resp: 135817
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.9 38.6
 91 25.2 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 9.543 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. -0.000 min

Lab File: VD072712.D

Acq: 27 Apr 2022 12:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

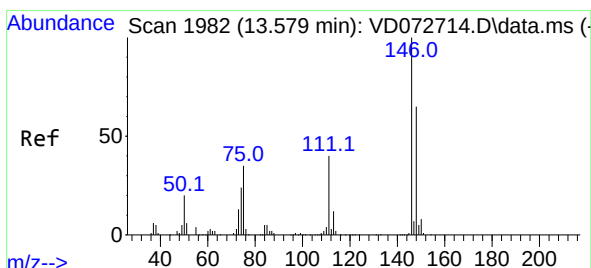
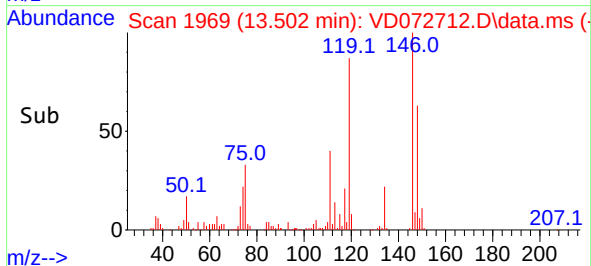
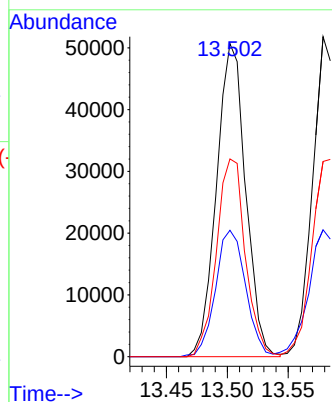
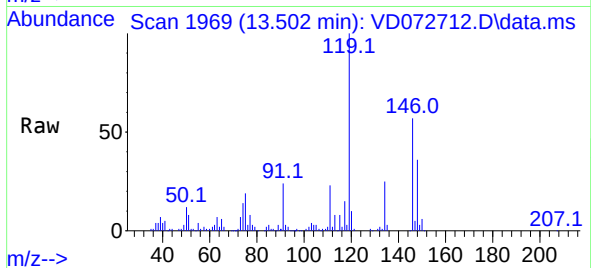
Tgt Ion:146	Resp:	8434
Ion Ratio	Lower	Upper
146	100	
111	41.8	20.4 61.3
148	62.7	31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2022

Supervised By :Mahesh Dadoda 04/28/2022



#88

1,4-Dichlorobenzene

Concen: 9.428 ug/l

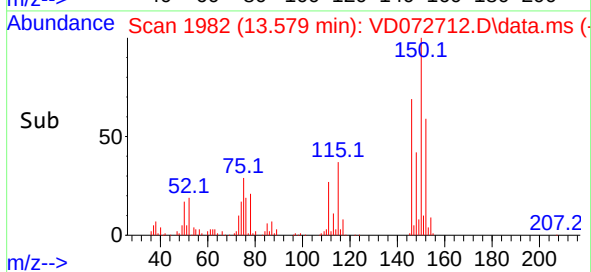
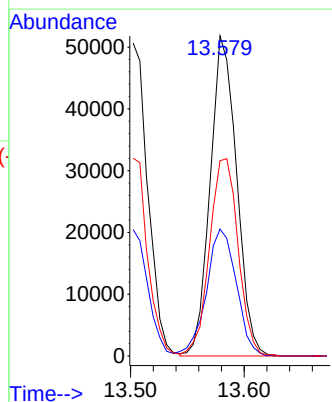
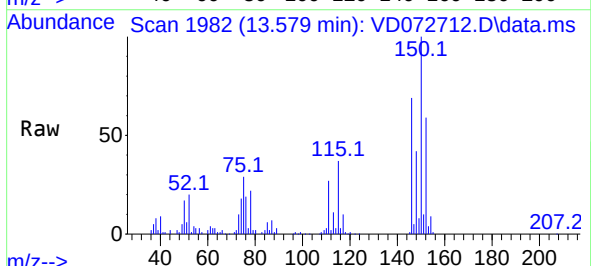
RT: 13.579 min Scan# 1982

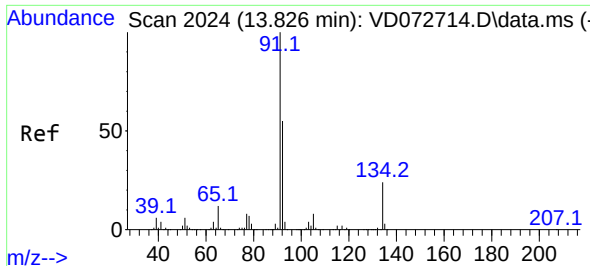
Delta R.T. -0.000 min

Lab File: VD072712.D

Acq: 27 Apr 2022 12:32

Tgt Ion:146	Resp:	83952
Ion Ratio	Lower	Upper
146	100	
111	44.9	20.3 60.9
148	66.7	31.7 95.1





#89
n-Butylbenzene
Concen: 7.979 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. -0.000 min
Lab File: VD072712.D
Acq: 27 Apr 2022 12:32

Instrument :

MSVOA_D

ClientSampleId :

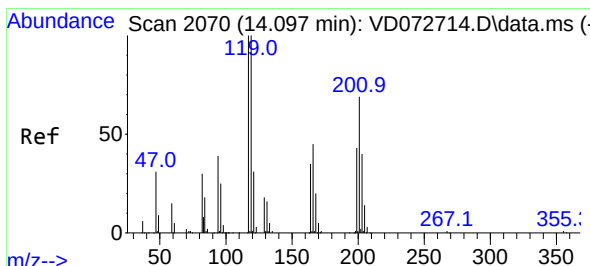
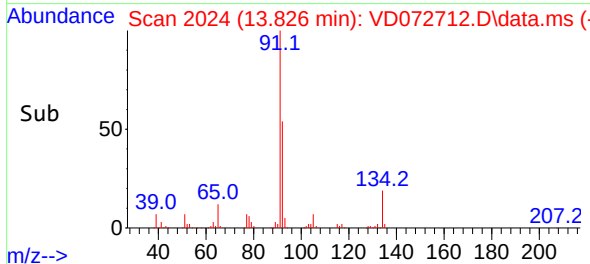
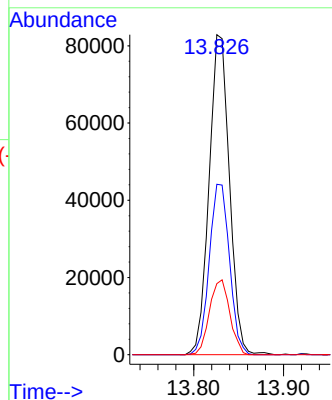
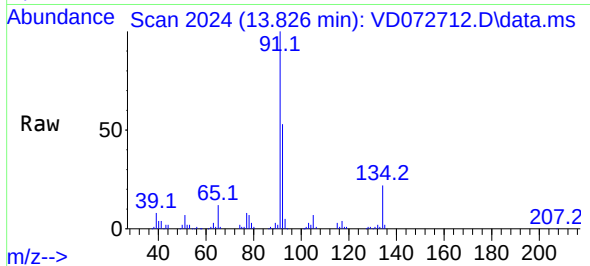
VSTDIC010

Tgt Ion: 91 Resp: 130419
Ion Ratio Lower Upper
91 100
92 52.9 26.6 79.8
134 23.4 12.3 36.9

Manual Integrations

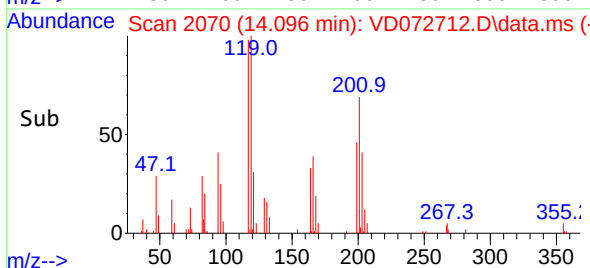
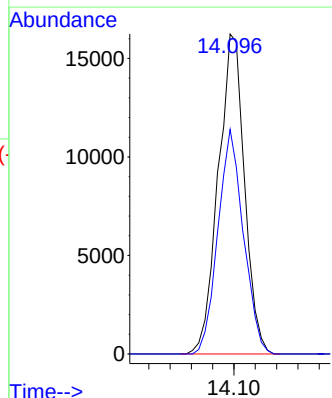
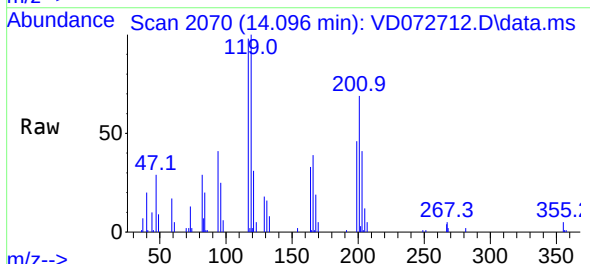
APPROVED

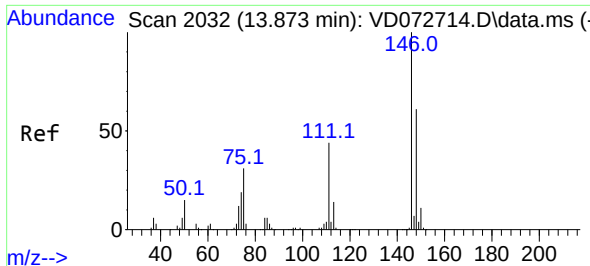
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#90
Hexachloroethane
Concen: 7.884 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VD072712.D
Acq: 27 Apr 2022 12:32

Tgt Ion:117 Resp: 27755
Ion Ratio Lower Upper
117 100
201 68.0 33.4 100.2





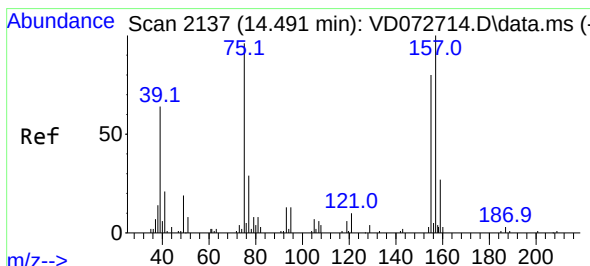
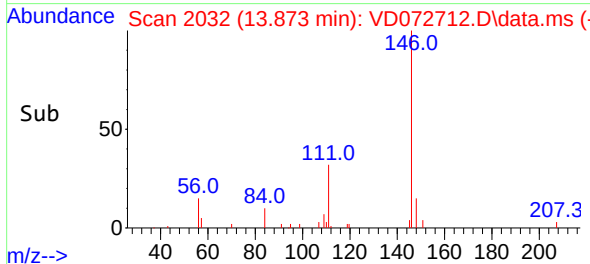
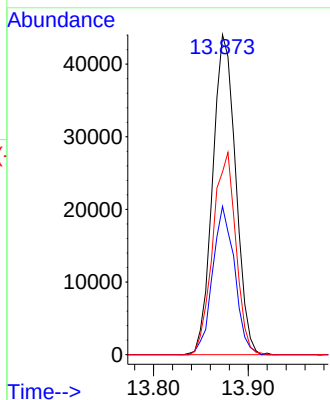
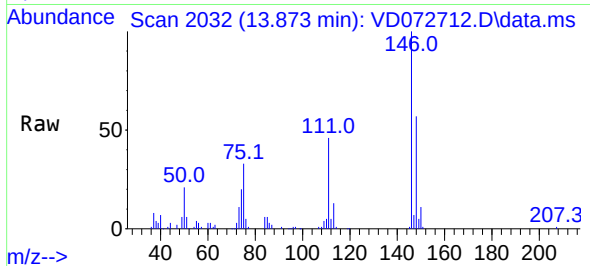
#91
1,2-Dichlorobenzene
Concen: 9.580 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD072712.D
Acq: 27 Apr 2022 12:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion:146 Resp: 7450
Ion Ratio Lower Upper
146 100
111 44.3 21.1 63.3
148 63.1 31.7 95.1

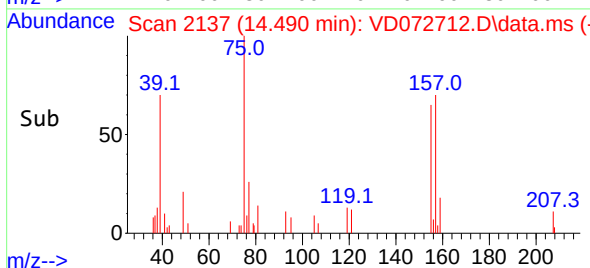
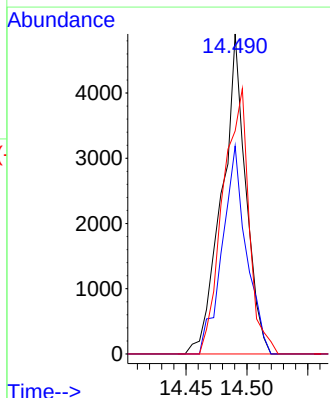
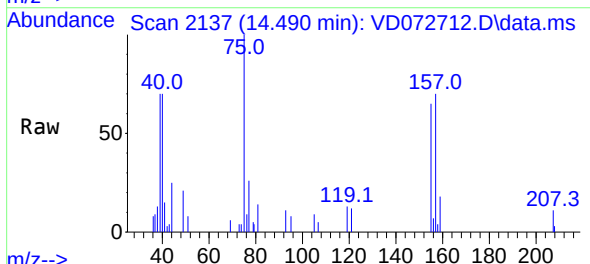
Manual Integrations
APPROVED

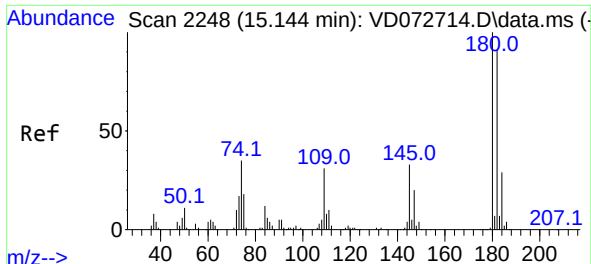
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 12.227 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VD072712.D
Acq: 27 Apr 2022 12:32

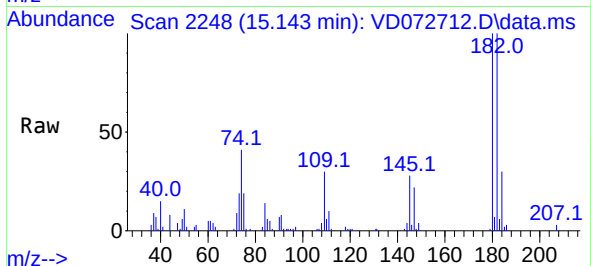
Tgt Ion: 75 Resp: 6703
Ion Ratio Lower Upper
75 100
155 65.5 36.8 110.3
157 90.6 48.4 145.0





#93
1,2,4-Trichlorobenzene
Concen: 8.861 ug/l
RT: 15.143 min Scan# 211
Delta R.T. -0.000 min
Lab File: VD072712.D
Acq: 27 Apr 2022 12:32

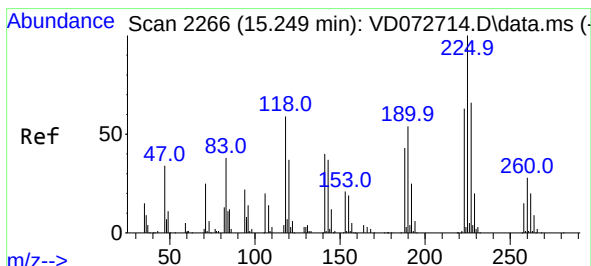
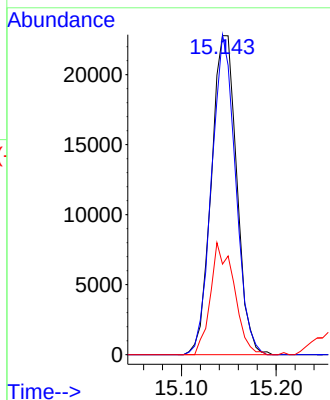
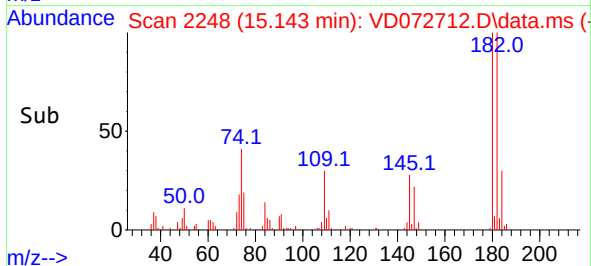
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



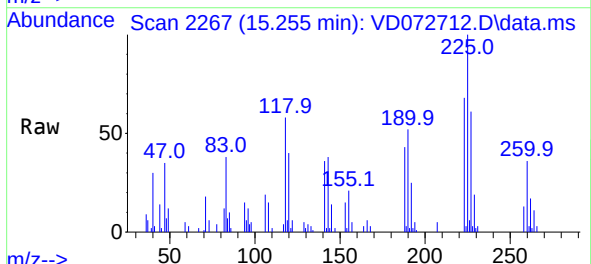
Tgt Ion:180 Resp: 4240
Ion Ratio Lower Upper
180 100
182 94.6 47.3 142.0
145 32.8 16.2 48.5

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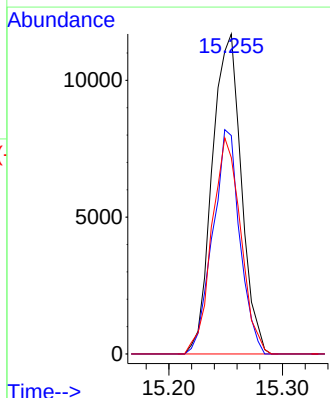
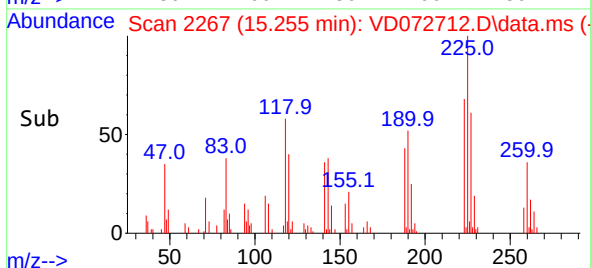
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

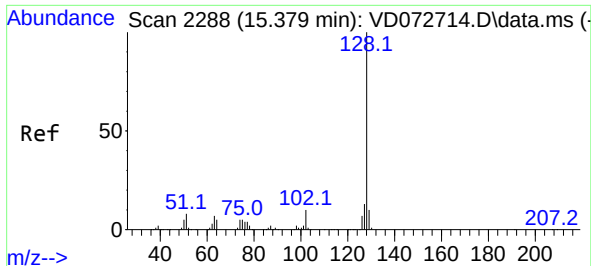


#94
Hexachlorobutadiene
Concen: 7.823 ug/l
RT: 15.255 min Scan# 2267
Delta R.T. 0.006 min
Lab File: VD072712.D
Acq: 27 Apr 2022 12:32



Tgt Ion:225 Resp: 20764
Ion Ratio Lower Upper
225 100
223 65.2 31.1 93.2
227 67.2 32.4 97.0





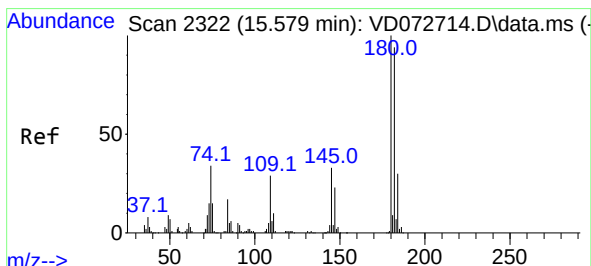
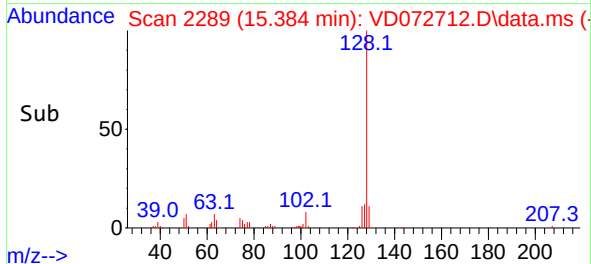
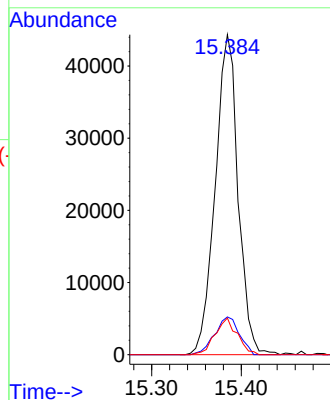
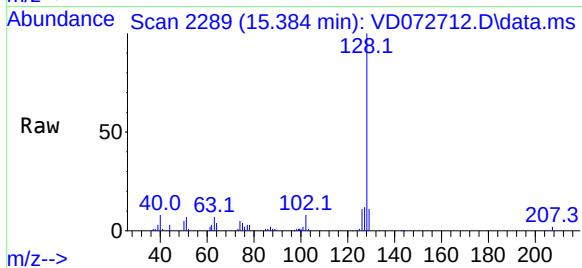
#95
Naphthalene
Concen: 8.381 ug/l
RT: 15.384 min Scan# 2111
Delta R.T. 0.006 min
Lab File: VD072712.D
Acq: 27 Apr 2022 12:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion:128 Resp: 78402
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 11.1 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: 8.977 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VD072712.D
Acq: 27 Apr 2022 12:32

Tgt Ion:180 Resp: 37572
Ion Ratio Lower Upper
180 100
182 92.6 47.6 142.9
145 33.4 17.1 51.3

