

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051222\
 Data File : VD072947.D
 Acq On : 12 May 2022 14:57
 Operator : VA/SY
 Sample : VD0512SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0512SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/13/2022
 Supervised By : Mahesh Dadoda 05/13/2022

Quant Time: May 13 05:54:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	338390	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	539717	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	509479	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	265157	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	181081	41.224	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	82.440%		
35) Dibromofluoromethane	7.908	113	185323	48.892	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.780%		
50) Toluene-d8	10.332	98	676416	49.748	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.500%		
62) 4-Bromofluorobenzene	12.620	95	251874	49.680	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	99.360%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	79787	17.063	ug/l	99
3) Chloromethane	2.209	50	72304	14.868	ug/l	99
4) Vinyl Chloride	2.350	62	69955	16.031	ug/l	93
5) Bromomethane	2.750	94	49459	17.420	ug/l	97
6) Chloroethane	2.915	64	43305	15.923	ug/l	94
7) Trichlorofluoromethane	3.268	101	136015	17.800	ug/l	98
8) Diethyl Ether	3.715	74	34580	15.785	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.091	101	82449	18.175	ug/l	97
10) Methyl Iodide	4.297	142	67877	14.909	ug/l	99
11) Tert butyl alcohol	5.173	59	64968	170.947	ug/l #	74
12) 1,1-Dichloroethene	4.062	96	70731	17.335	ug/l	92
13) Acrolein	3.920	56	19705	61.986	ug/l	100
14) Allyl chloride	4.709	41	106241	16.127	ug/l	94
15) Acrylonitrile	5.414	53	84353	81.024	ug/l	96
16) Acetone	4.156	43	68682	73.707	ug/l	98
17) Carbon Disulfide	4.403	76	197798	15.417	ug/l	98
18) Methyl Acetate	4.720	43	44659	18.529	ug/l	95
19) Methyl tert-butyl Ether	5.473	73	159311	16.286	ug/l	98
20) Methylene Chloride	4.956	84	109002	16.535	ug/l	89
21) trans-1,2-Dichloroethene	5.467	96	80672	17.239	ug/l	87
22) Diisopropyl ether	6.361	45	245612	16.949	ug/l	92
23) Vinyl Acetate	6.303	43	618890	77.310	ug/l #	94
24) 1,1-Dichloroethane	6.261	63	150419	17.277	ug/l	99
25) 2-Butanone	7.208	43	103038	80.508	ug/l	91
26) 2,2-Dichloropropane	7.208	77	131590	17.878	ug/l	99
27) cis-1,2-Dichloroethene	7.203	96	89274	16.656	ug/l	95
28) Bromochloromethane	7.538	49	54021	16.638	ug/l	84
29) Tetrahydrofuran	7.556	42	62769	76.943	ug/l	94
30) Chloroform	7.703	83	156757	17.016	ug/l	96
31) Cyclohexane	7.979	56	130399	16.982	ug/l #	88
32) 1,1,1-Trichloroethane	7.897	97	140995	17.958	ug/l	97
36) 1,1-Dichloropropene	8.108	75	116048	18.828	ug/l	97
37) Ethyl Acetate	7.291	43	46093	16.268	ug/l #	78
38) Carbon Tetrachloride	8.097	117	126239	19.731	ug/l	93
39) Methylcyclohexane	9.350	83	131902	18.450	ug/l	97
40) Benzene	8.344	78	331047	18.599	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	26187m	15.522	ug/l	
42) 1,2-Dichloroethane	8.420	62	96055	17.908	ug/l	94
43) Isopropyl Acetate	8.450	43	93519	17.883	ug/l	95
44) Trichloroethene	9.108	130	89887	18.877	ug/l	100
45) 1,2-Dichloropropane	9.379	63	85771	18.349	ug/l	96
46) Dibromomethane	9.467	93	46637	18.087	ug/l	97
47) Bromodichloromethane	9.655	83	124623	18.788	ug/l	100
48) Methyl methacrylate	9.450	41	45142	17.645	ug/l	91
49) 1,4-Dioxane	9.455	88	9671	333.072	ug/l	100
51) 4-Methyl-2-Pentanone	10.220	43	235669	86.724	ug/l	94
52) Toluene	10.397	92	211793	19.075	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	108232	17.764	ug/l	100
54) cis-1,3-Dichloropropene	10.079	75	129100	18.238	ug/l	92
55) 1,1,2-Trichloroethane	10.791	97	64596	18.532	ug/l	94
56) Ethyl methacrylate	10.649	69	72565	17.681	ug/l #	85
57) 1,3-Dichloropropane	10.938	76	109014	18.225	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	170798	85.835	ug/l	99
59) 2-Hexanone	10.973	43	157295	86.022	ug/l	95
60) Dibromochloromethane	11.132	129	81082	18.478	ug/l	98
61) 1,2-Dibromoethane	11.238	107	61076	18.002	ug/l	100
64) Tetrachloroethene	10.867	164	73397	19.704	ug/l	90
65) Chlorobenzene	11.661	112	229691	19.492	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	85177	19.233	ug/l	98
67) Ethyl Benzene	11.738	91	396866	19.460	ug/l	96
68) m/p-Xylenes	11.844	106	314335	40.014	ug/l	99
69) o-Xylene	12.173	106	143202	19.519	ug/l	98
70) Styrene	12.185	104	251882	19.815	ug/l	99
71) Bromoform	12.349	173	44875	18.697	ug/l #	94
73) Isopropylbenzene	12.467	105	392518	19.027	ug/l	100
74) N-amyl acetate	12.273	43	85683	16.678	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.714	83	73521	17.655	ug/l	98
76) 1,2,3-Trichloropropane	12.767	75	51746m	17.501	ug/l	
77) Bromobenzene	12.749	156	90787	18.532	ug/l	94
78) n-propylbenzene	12.808	91	492698	18.949	ug/l	98
79) 2-Chlorotoluene	12.896	91	280133	18.444	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	338220	19.335	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	21507	16.727	ug/l #	88
82) 4-Chlorotoluene	12.991	91	295337	18.610	ug/l	99
83) tert-Butylbenzene	13.208	119	290408	19.527	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	330320	18.891	ug/l	99
85) sec-Butylbenzene	13.385	105	441908	19.701	ug/l	100
86) p-Isopropyltoluene	13.502	119	357461	19.437	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	189451	19.197	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	187358	19.064	ug/l	98
89) n-Butylbenzene	13.826	91	345724	19.406	ug/l	99
90) Hexachloroethane	14.096	117	71461	18.968	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	162397	18.882	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	11218	16.993	ug/l	93
93) 1,2,4-Trichlorobenzene	15.143	180	95451	18.739	ug/l	99
94) Hexachlorobutadiene	15.249	225	52982	19.046	ug/l	97
95) Naphthalene	15.379	128	159800	17.064	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	81055	17.951	ug/l	96

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Quant Title : SW846 8260
QLast Update : Tue May 03 08:33:49 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

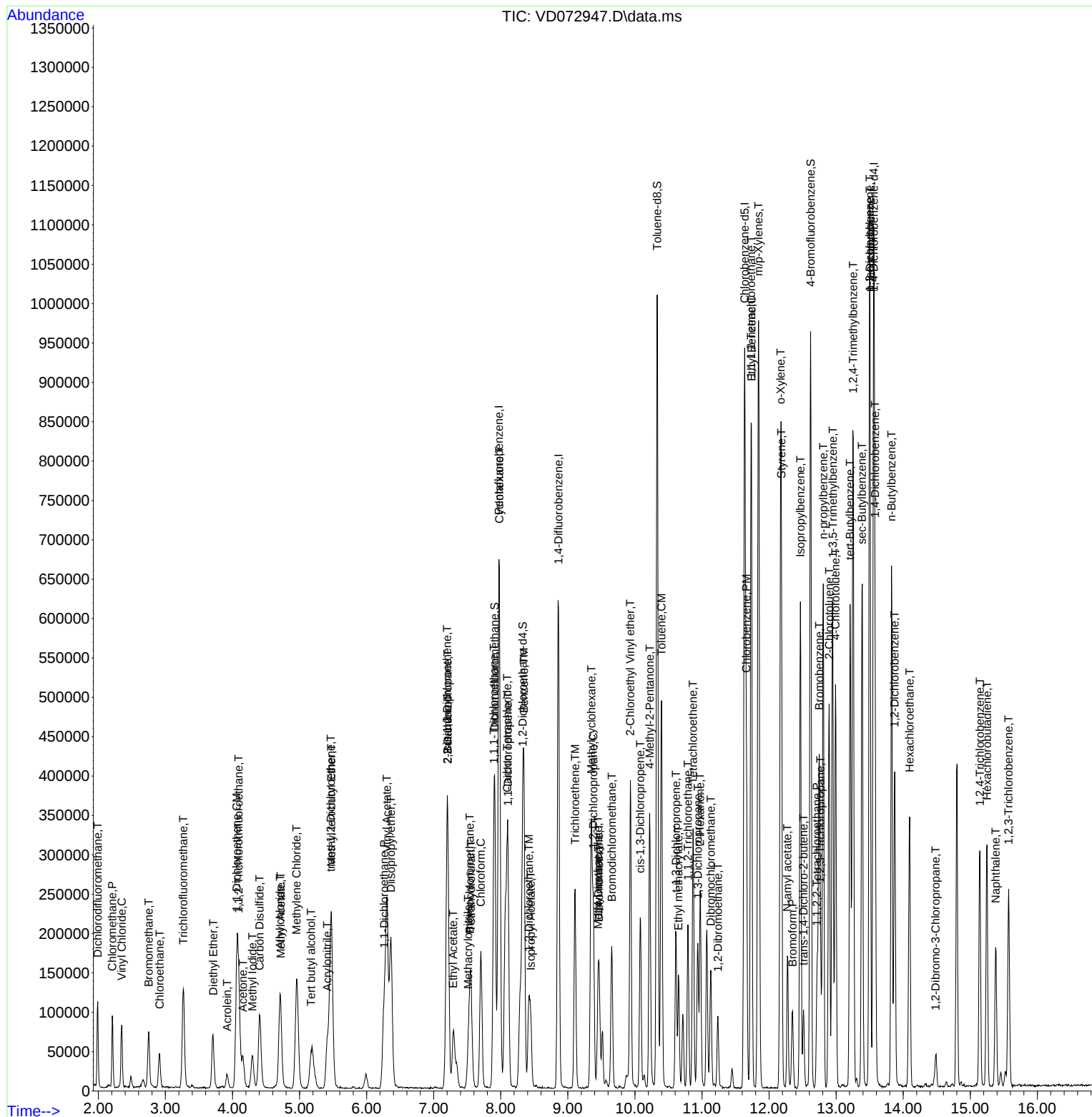
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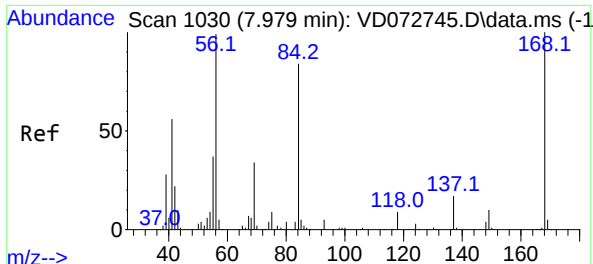
Instrument :
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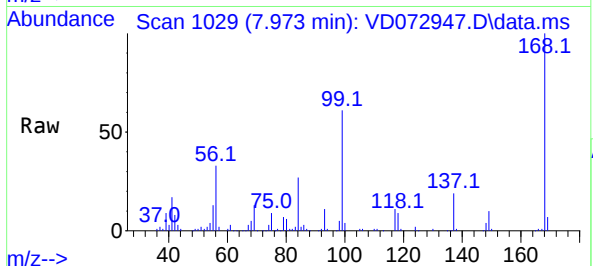
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD072947.D
Acq: 12 May 2022 14:57

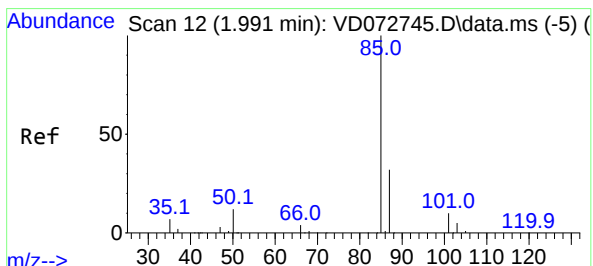
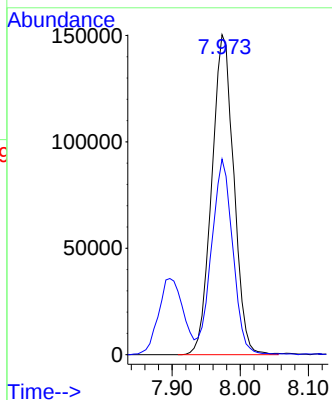
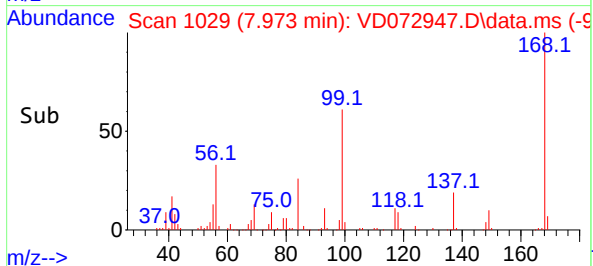
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS01



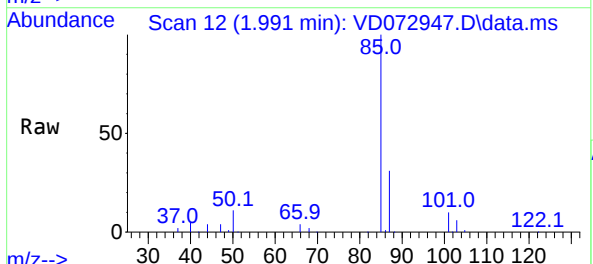
Tgt Ion:168 Resp: 338390
Ion Ratio Lower Upper
168 100
99 60.9 49.8 74.6

Manual Integrations
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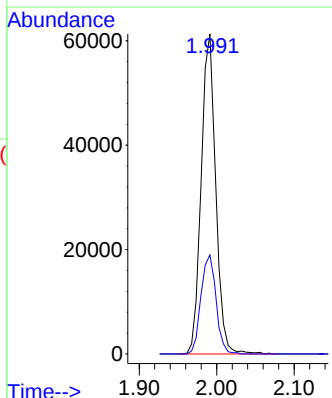
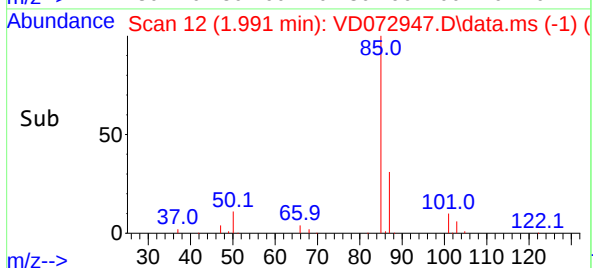
Reviewed By :John Carlone 05/13/2022
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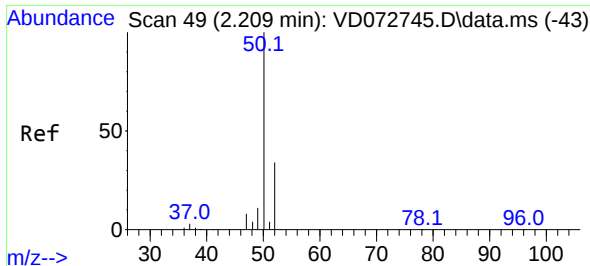


#2
Dichlorodifluoromethane
Concen: 17.063 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD072947.D
Acq: 12 May 2022 14:57



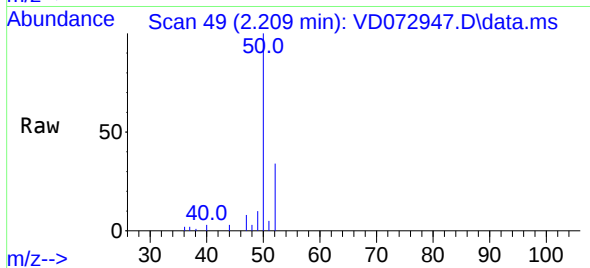
Tgt Ion: 85 Resp: 79787
Ion Ratio Lower Upper
85 100
87 30.9 15.7 47.0





#3
Chloromethane
Concen: 14.868 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD072947.D
Acq: 12 May 2022 14:57

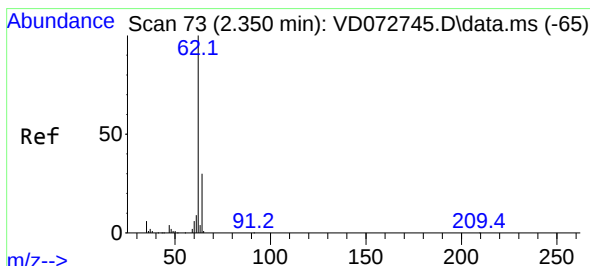
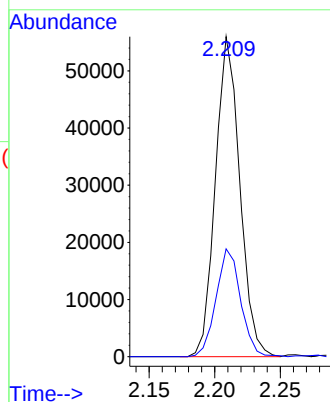
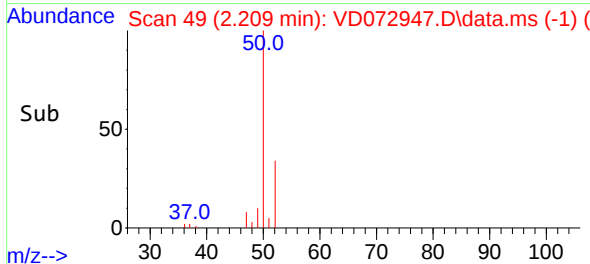
Instrument :
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ClientSampleId :
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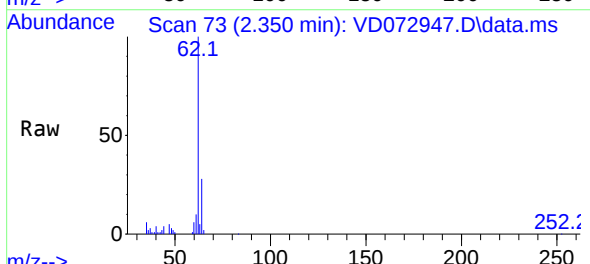
Tgt Ion: 50 Resp: 72304
Ion Ratio Lower Upper
50 100
52 33.7 27.4 41.0

Manual Integrations
APPROVED

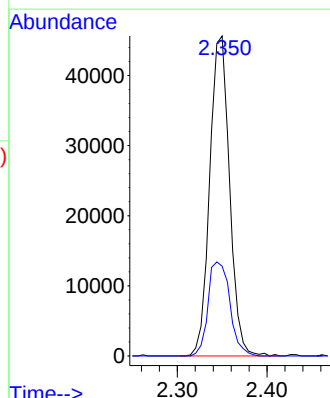
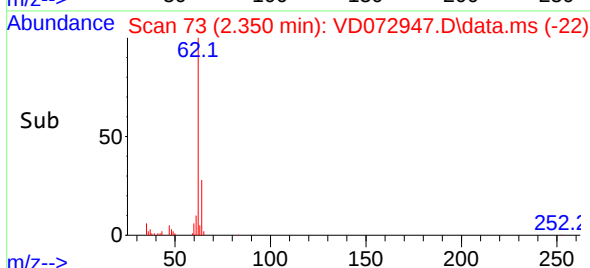
Reviewed By :John Carlone 05/13/2022
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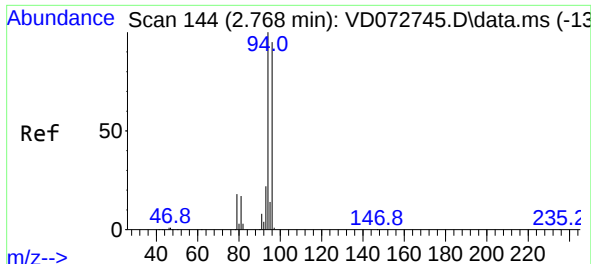


#4
Vinyl Chloride
Concen: 16.031 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD072947.D
Acq: 12 May 2022 14:57



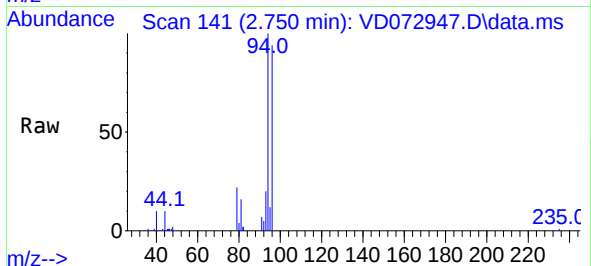
Tgt Ion: 62 Resp: 69955
Ion Ratio Lower Upper
62 100
64 28.0 25.4 38.0





#5
Bromomethane
Concen: 17.420 ug/l
RT: 2.750 min Scan# 144
Delta R.T. -0.018 min
Lab File: VD072947.D
Acq: 12 May 2022 14:57

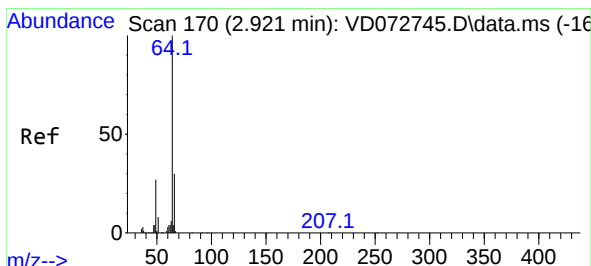
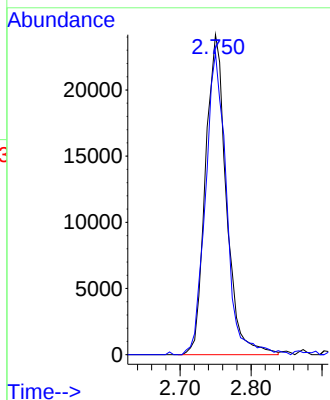
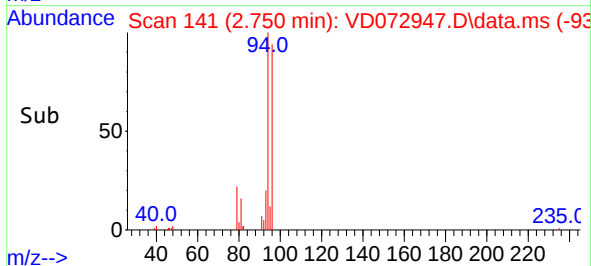
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Tgt Ion: 94 Resp: 4945
Ion Ratio Lower Upper
94 100
96 94.3 77.6 116.4

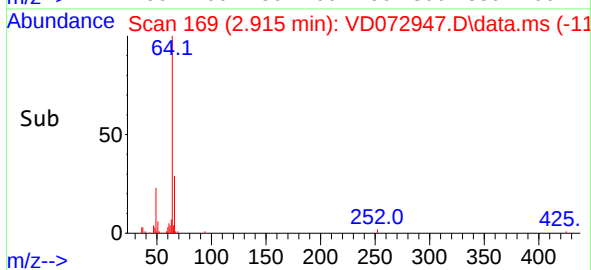
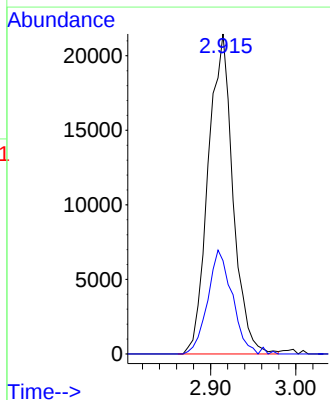
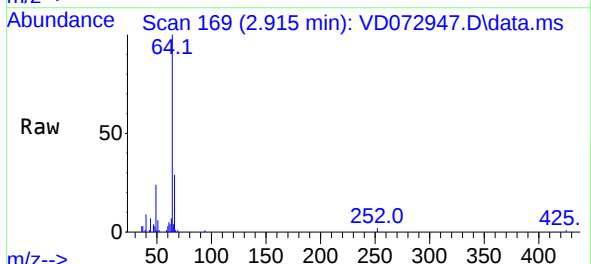
Manual Integrations
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#6
Chloroethane
Concen: 15.923 ug/l
RT: 2.915 min Scan# 169
Delta R.T. -0.006 min
Lab File: VD072947.D
Acq: 12 May 2022 14:57

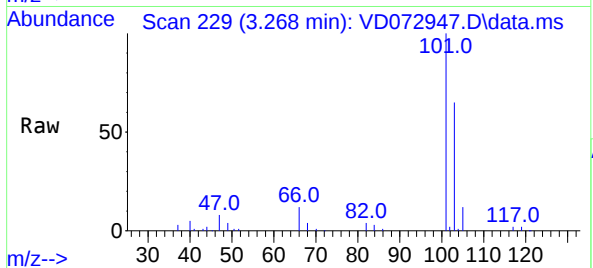
Tgt Ion: 64 Resp: 43305
Ion Ratio Lower Upper
64 100
66 29.2 25.9 38.9





#7
Trichlorofluoromethane
Concen: 17.800 ug/l
RT: 3.268 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD072947.D
Acq: 12 May 2022 14:57

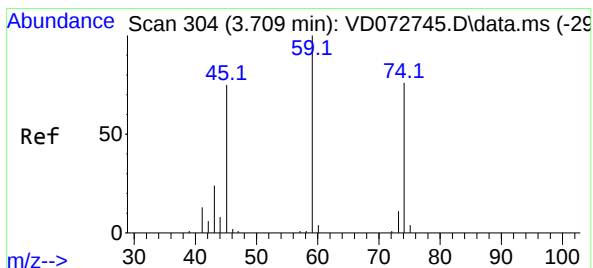
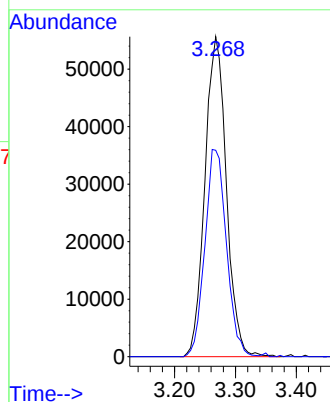
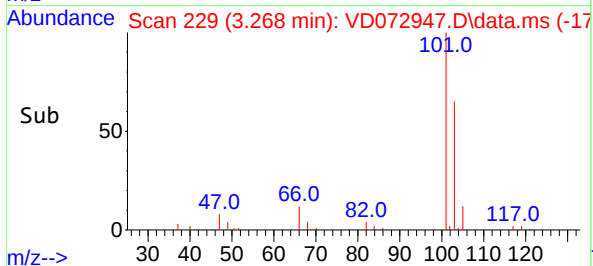
Instrument :
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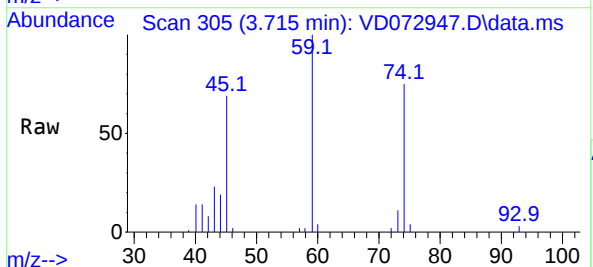
Tgt Ion:101 Resp: 13601
Ion Ratio Lower Upper
101 100
103 64.5 50.1 75.1

Manual Integrations
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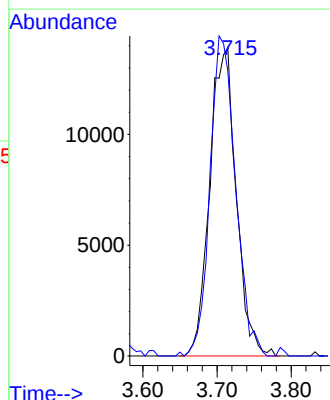
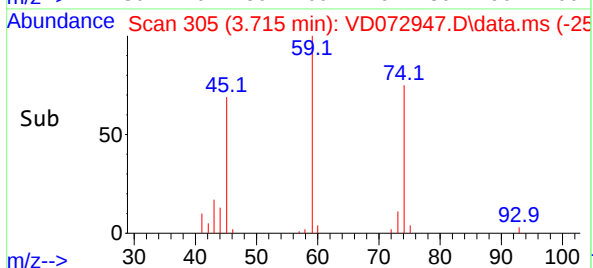
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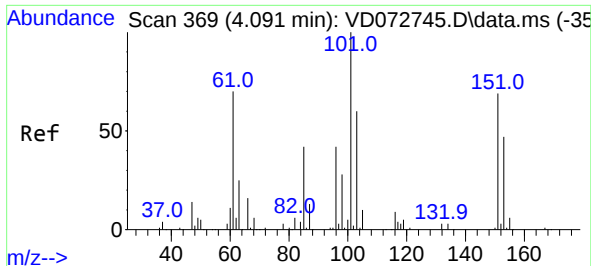


#8
Diethyl Ether
Concen: 15.785 ug/l
RT: 3.715 min Scan# 305
Delta R.T. 0.006 min
Lab File: VD072947.D
Acq: 12 May 2022 14:57



Tgt Ion: 74 Resp: 34580
Ion Ratio Lower Upper
74 100
45 100.2 52.6 157.8





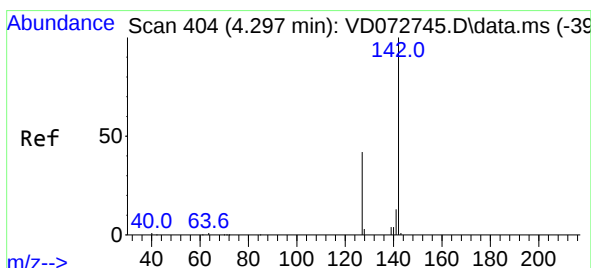
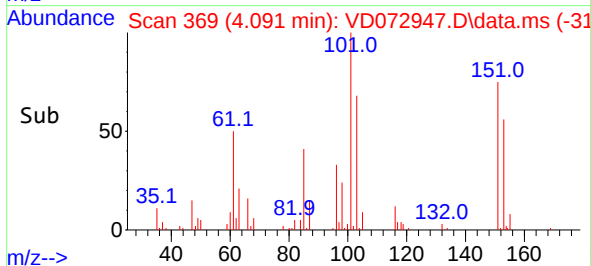
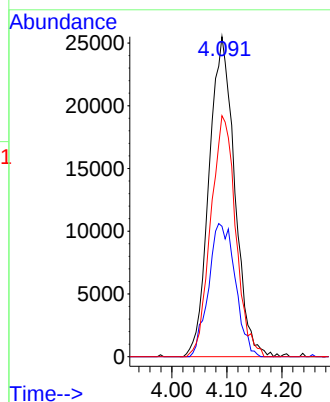
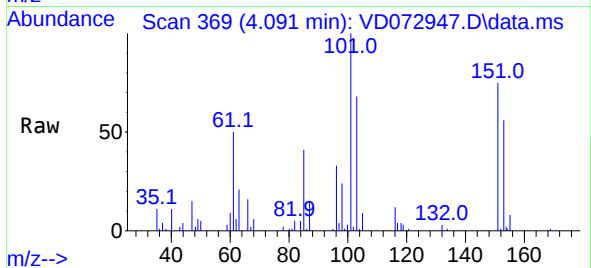
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.175 ug/l
RT: 4.091 min Scan# 369
Delta R.T. -0.000 min
Lab File: VD072947.D
Acq: 12 May 2022 14:57

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS01

Tgt Ion:101 Resp: 82449
Ion Ratio Lower Upper
101 100
85 43.3 36.4 54.6
151 73.2 57.3 85.9

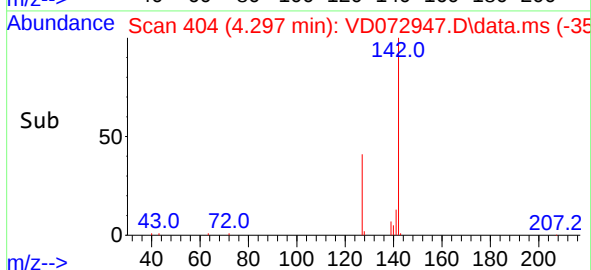
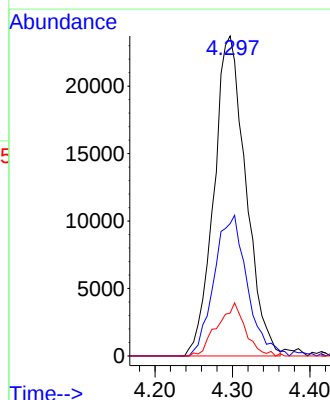
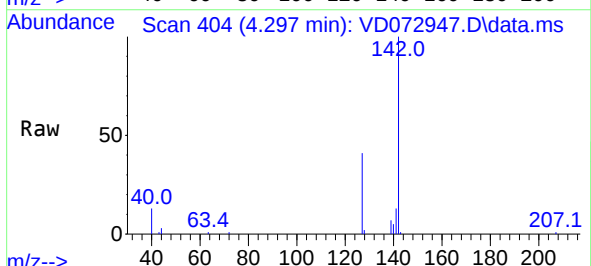
Manual Integrations
APPROVED

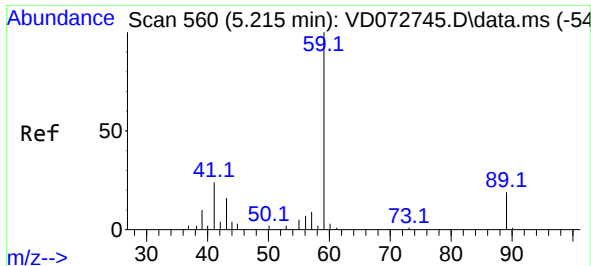
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#10
Methyl Iodide
Concen: 14.909 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD072947.D
Acq: 12 May 2022 14:57

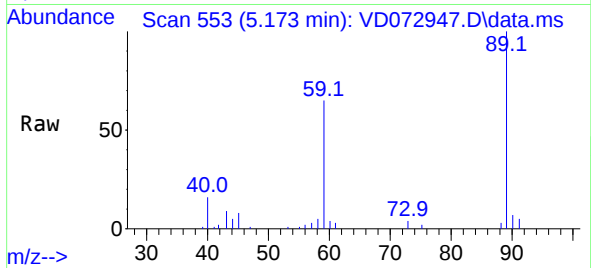
Tgt Ion:142 Resp: 67877
Ion Ratio Lower Upper
142 100
127 45.4 37.3 55.9
141 14.7 11.7 17.5





#11
Tert butyl alcohol
Concen: 170.947 ug/l
RT: 5.173 min Scan# 51
Delta R.T. -0.042 min
Lab File: VD072947.D
Acq: 12 May 2022 14:57

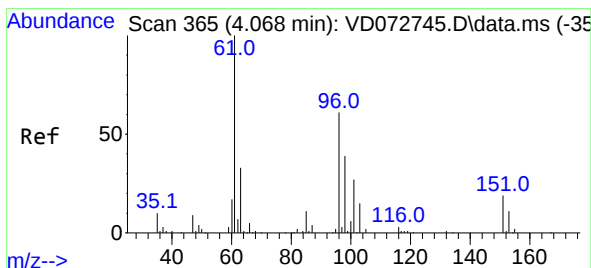
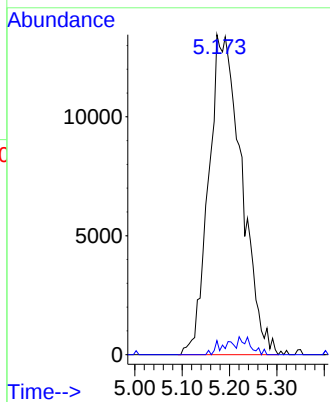
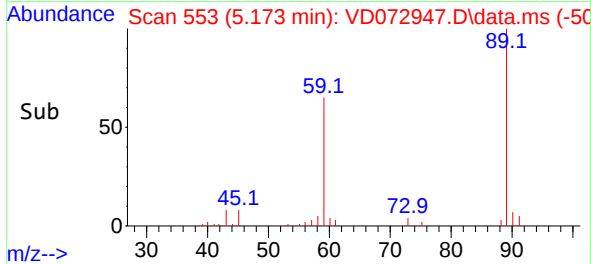
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS01



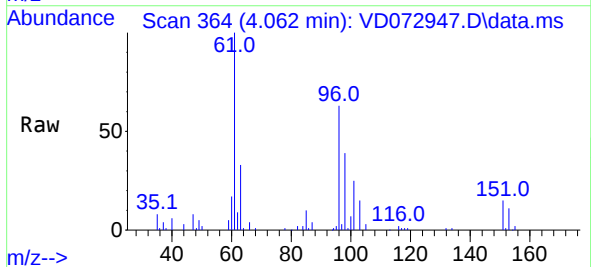
Tgt Ion: 59 Resp: 6496
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6

Manual Integrations
APPROVED

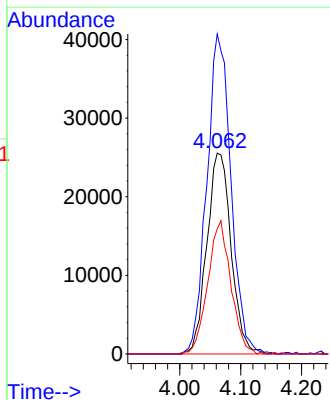
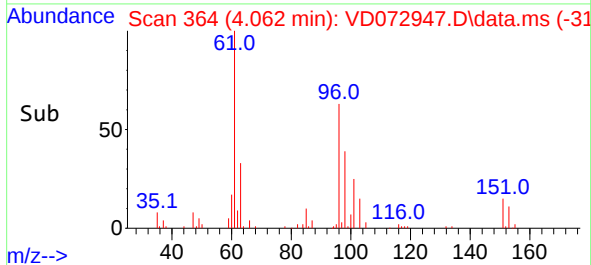
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

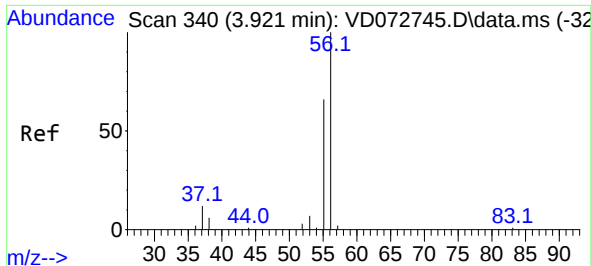


#12
1,1-Dichloroethene
Concen: 17.335 ug/l
RT: 4.062 min Scan# 364
Delta R.T. -0.006 min
Lab File: VD072947.D
Acq: 12 May 2022 14:57



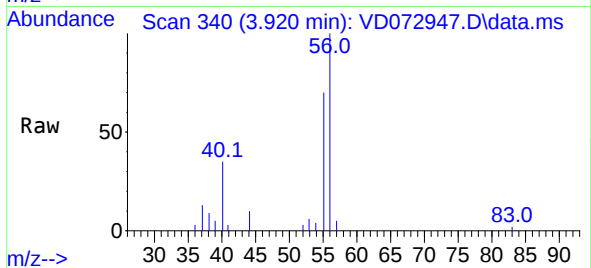
Tgt Ion: 96 Resp: 70731
Ion Ratio Lower Upper
96 100
61 159.3 138.5 207.7
98 62.2 48.6 73.0





#13
Acrolein
Concen: 61.986 ug/l
RT: 3.920 min Scan# 340
Delta R.T. -0.001 min
Lab File: VD072947.D
Acq: 12 May 2022 14:57

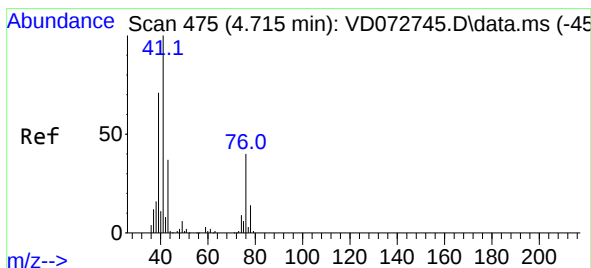
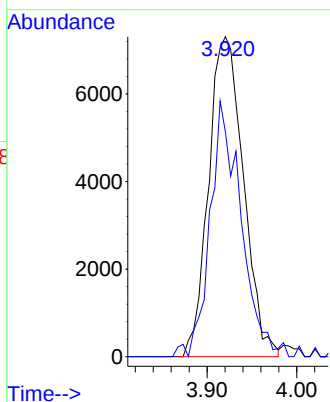
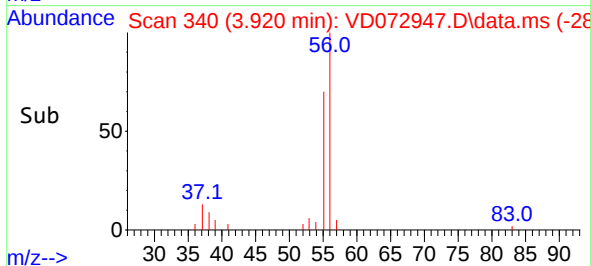
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS01



Tgt Ion: 56 Resp: 1970
Ion Ratio Lower Upper
56 100
55 71.1 57.1 85.7

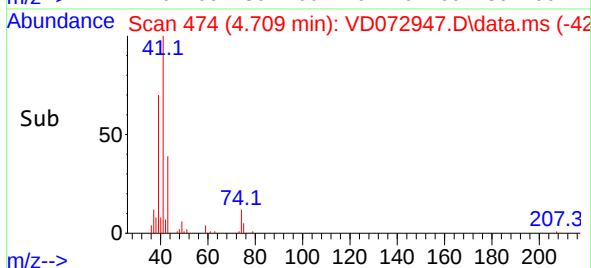
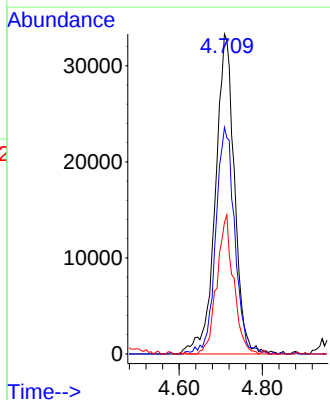
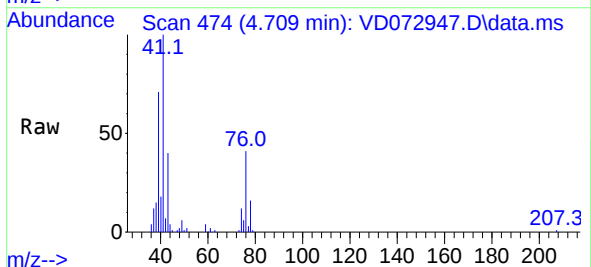
Manual Integrations
APPROVED

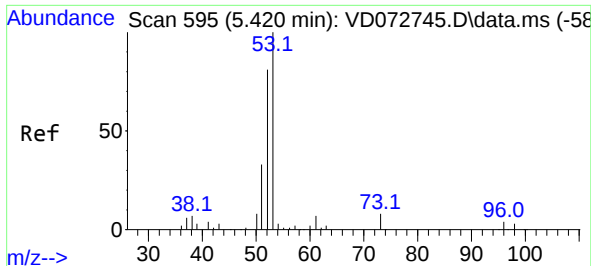
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#14
Allyl chloride
Concen: 16.127 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD072947.D
Acq: 12 May 2022 14:57

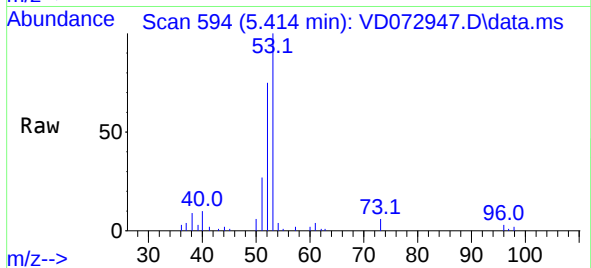
Tgt Ion: 41 Resp: 106241
Ion Ratio Lower Upper
41 100
39 70.3 59.3 88.9
76 37.8 25.7 38.5





#15
Acrylonitrile
Concen: 81.024 ug/l
RT: 5.414 min Scan# 595
Delta R.T. -0.006 min
Lab File: VD072947.D
Acq: 12 May 2022 14:57

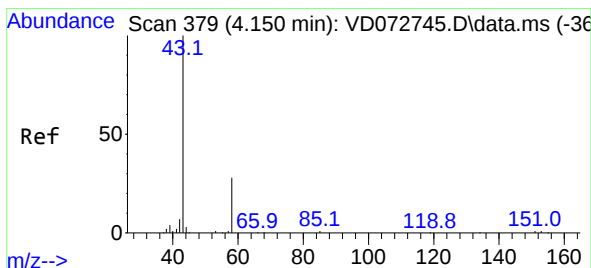
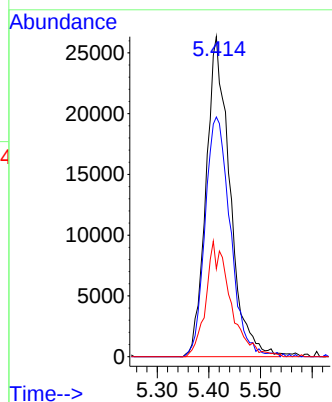
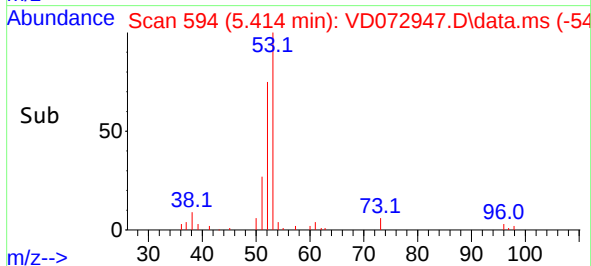
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS01



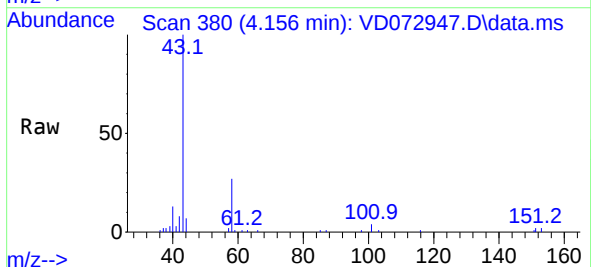
Tgt Ion: 53 Resp: 8435
Ion Ratio Lower Upper
53 100
52 79.0 67.2 100.8
51 37.2 30.3 45.5

Manual Integrations
APPROVED

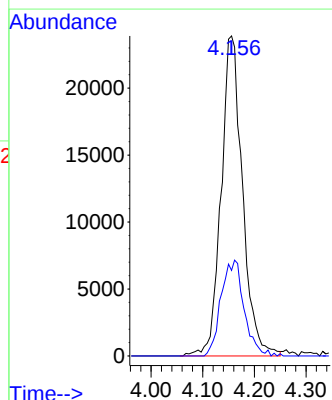
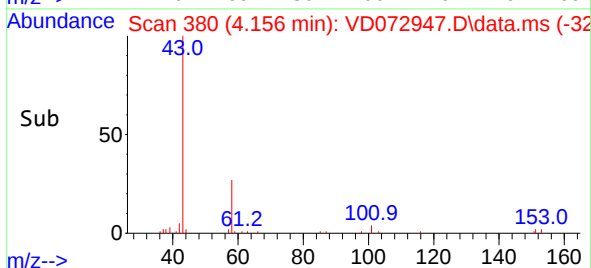
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

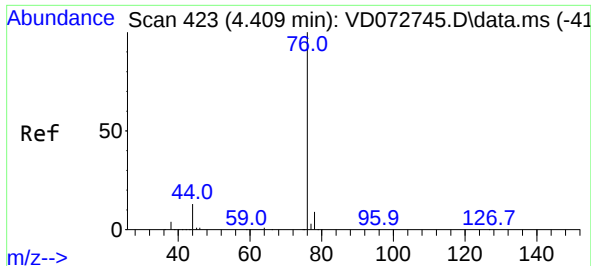


#16
Acetone
Concen: 73.707 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD072947.D
Acq: 12 May 2022 14:57



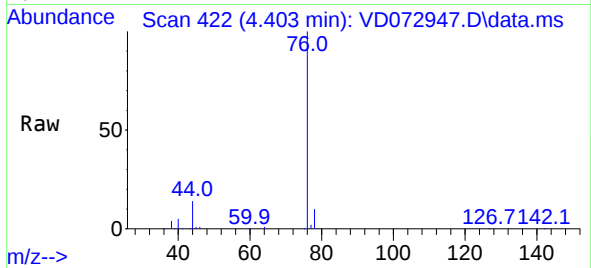
Tgt Ion: 43 Resp: 68682
Ion Ratio Lower Upper
43 100
58 26.8 22.1 33.1





#17
Carbon Disulfide
Concen: 15.417 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD072947.D
Acq: 12 May 2022 14:57

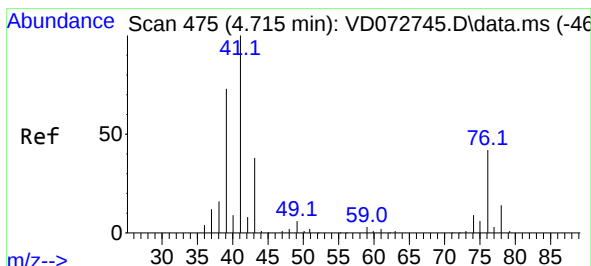
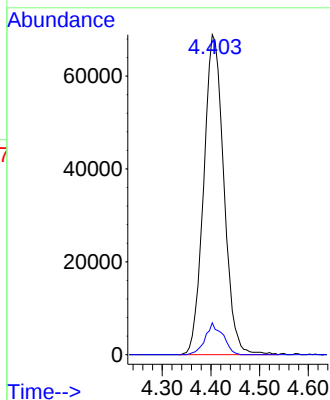
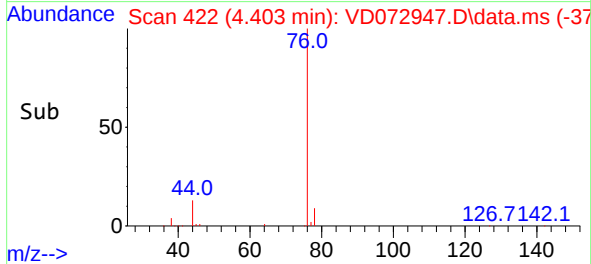
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS01



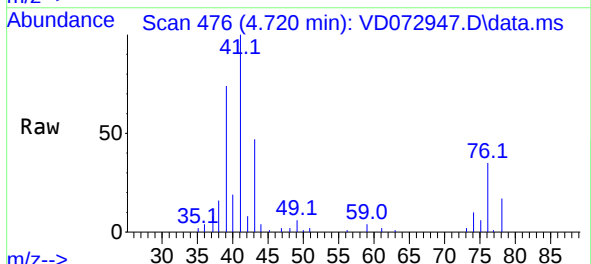
Tgt Ion: 76 Resp: 197798
Ion Ratio Lower Upper
76 100
78 10.0 7.5 11.3

Manual Integrations
APPROVED

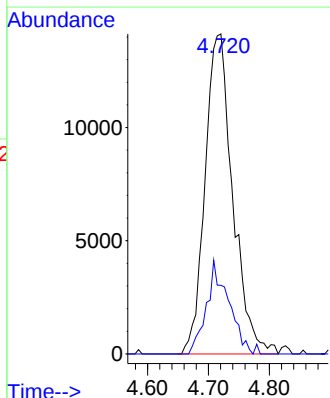
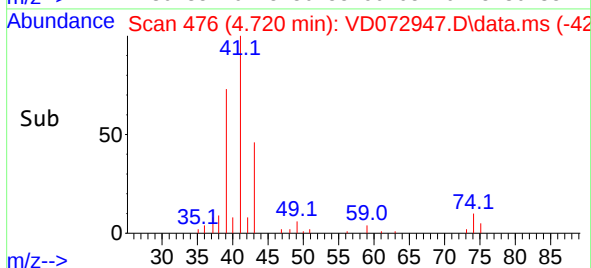
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#18
Methyl Acetate
Concen: 18.529 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.005 min
Lab File: VD072947.D
Acq: 12 May 2022 14:57



Tgt Ion: 43 Resp: 44659
Ion Ratio Lower Upper
43 100
74 23.4 16.7 25.1





#19

Methyl tert-butyl Ether

Concen: 16.286 ug/l

RT: 5.473 min Scan# 604

Delta R.T. 0.000 min

Lab File: VD072947.D

Acq: 12 May 2022 14:57

Instrument :

MSVOA_D

ClientSampleId :

VD0512SBS01

Tgt Ion: 73 Resp: 15931

Ion Ratio Lower Upper

73 100

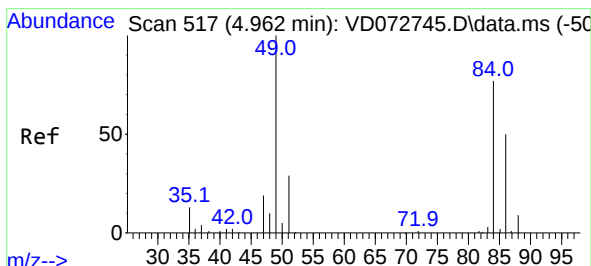
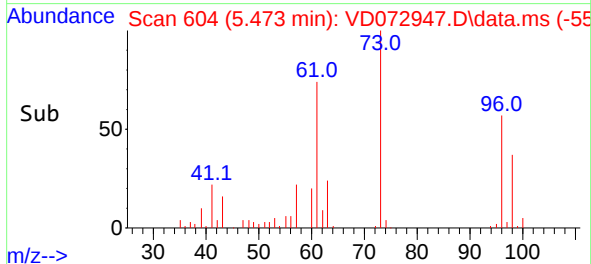
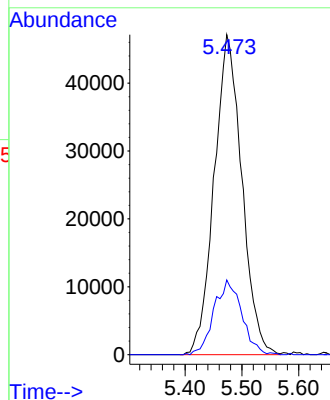
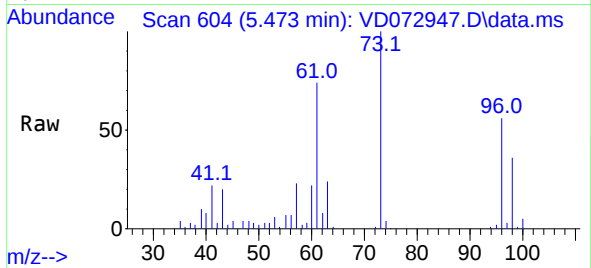
57 23.4 18.0 27.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#20

Methylene Chloride

Concen: 16.535 ug/l

RT: 4.956 min Scan# 516

Delta R.T. -0.006 min

Lab File: VD072947.D

Acq: 12 May 2022 14:57

Tgt Ion: 84 Resp: 109002

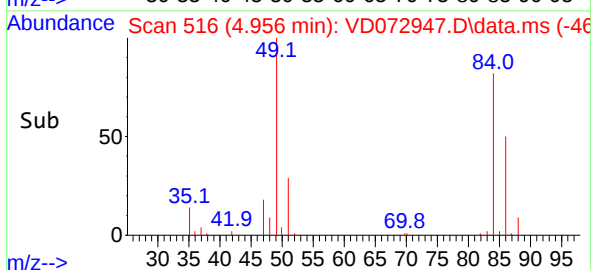
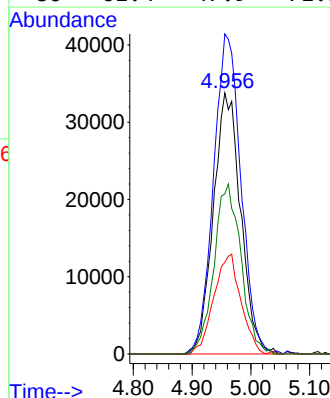
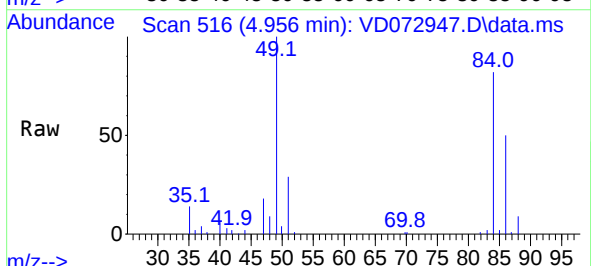
Ion Ratio Lower Upper

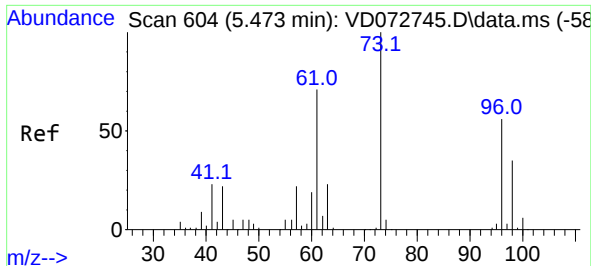
84 100

49 122.6 112.8 169.2

51 35.1 32.6 48.8

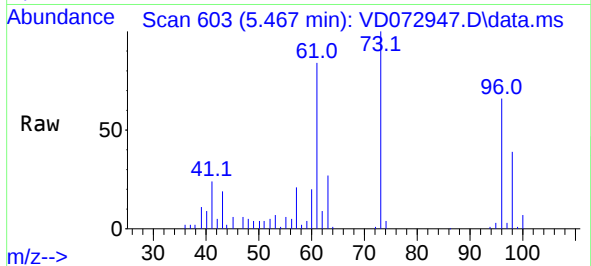
86 61.4 47.9 71.9





#21
trans-1,2-Dichloroethene
Concen: 17.239 ug/l
RT: 5.467 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD072947.D
Acq: 12 May 2022 14:57

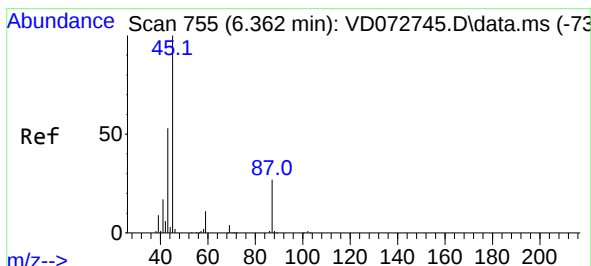
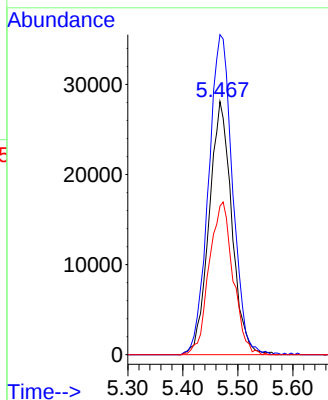
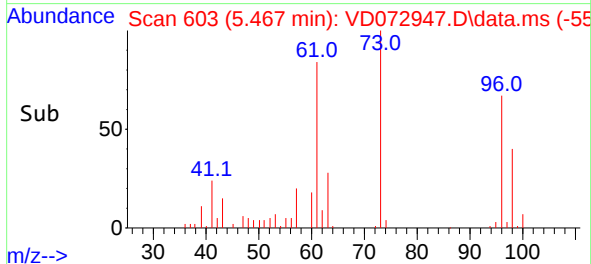
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS01



Tgt Ion: 96 Resp: 80672
Ion Ratio Lower Upper
96 100
61 126.4 117.9 176.9
98 58.6 49.4 74.2

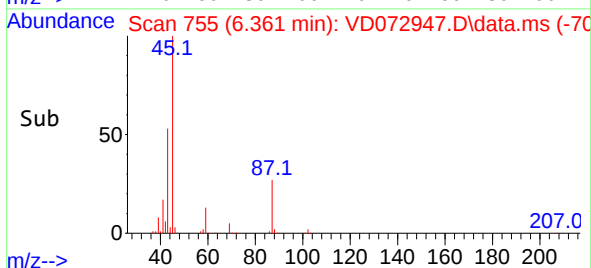
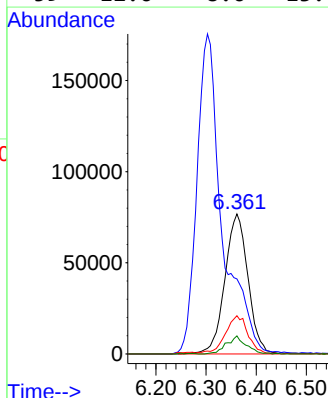
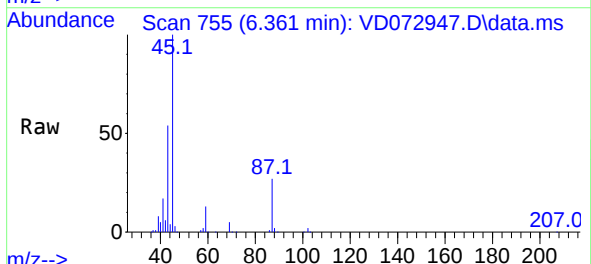
Manual Integrations
APPROVED

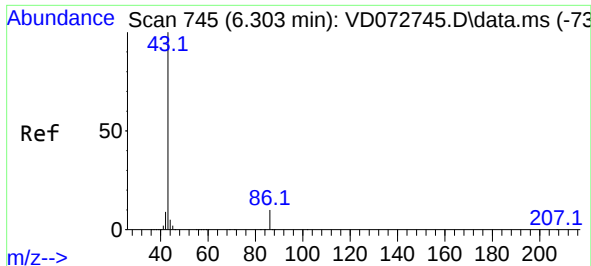
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#22
Diisopropyl ether
Concen: 16.949 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.001 min
Lab File: VD072947.D
Acq: 12 May 2022 14:57

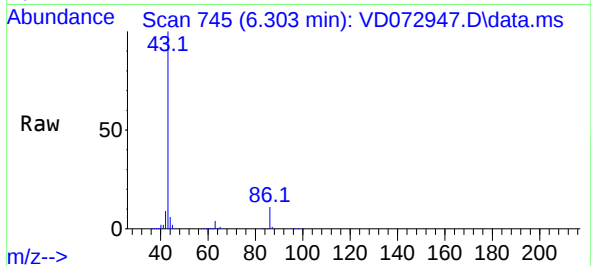
Tgt Ion: 45 Resp: 245612
Ion Ratio Lower Upper
45 100
43 52.3 46.6 70.0
87 27.1 18.4 27.6
59 12.6 8.6 13.0





#23
 Vinyl Acetate
 Concen: 77.310 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD072947.D
 Acq: 12 May 2022 14:57

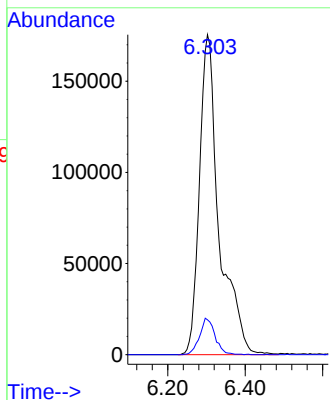
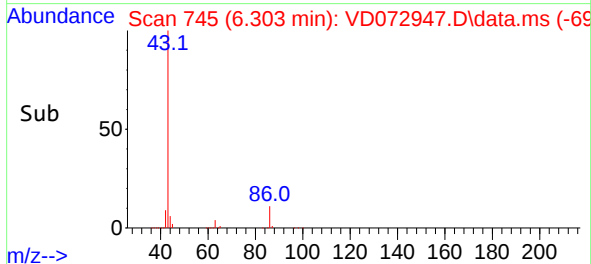
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0512SBS01



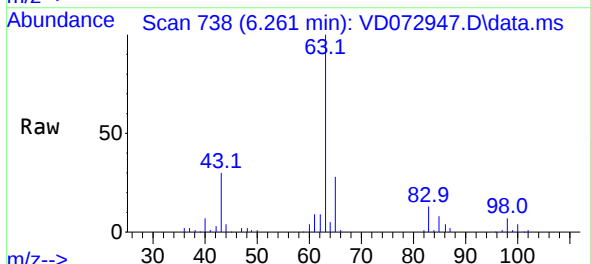
Tgt Ion: 43 Resp: 618890
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.1 10.7

Manual Integrations
 APPROVED

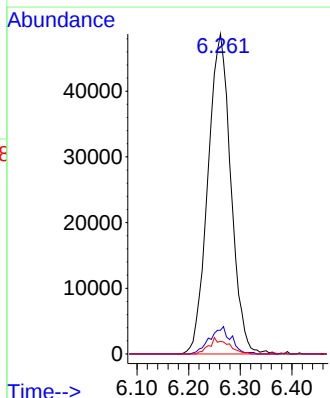
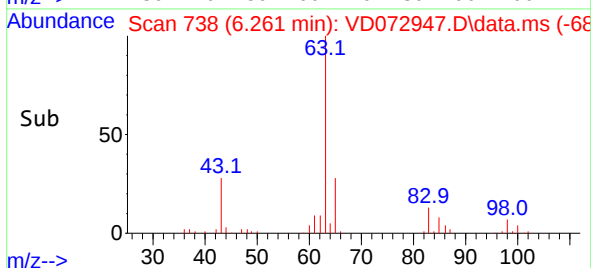
Reviewed By :John Carlone 05/13/2022
 Supervised By :Mahesh Dadoda 05/13/2022

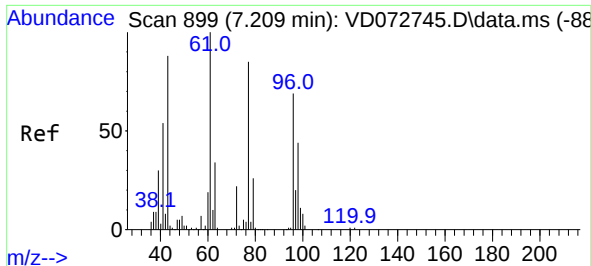


#24
 1,1-Dichloroethane
 Concen: 17.277 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. 0.005 min
 Lab File: VD072947.D
 Acq: 12 May 2022 14:57



Tgt Ion: 63 Resp: 150419
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.6 10.9
 100 3.9 2.1 6.5





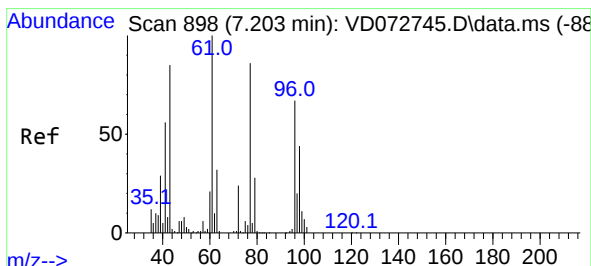
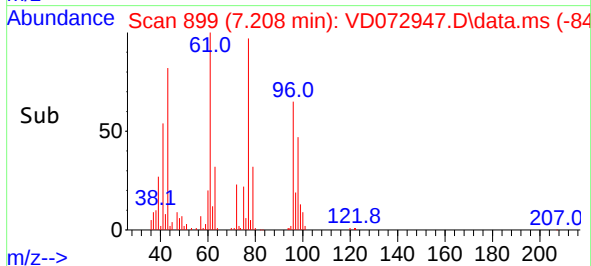
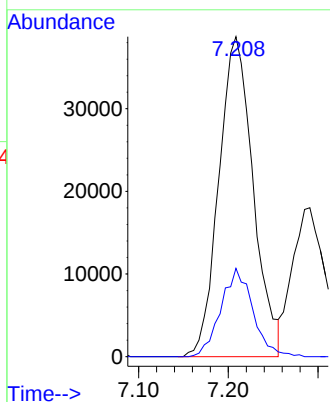
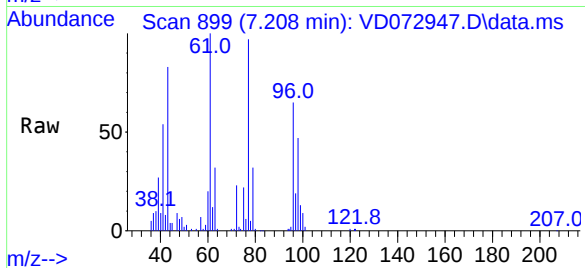
#25
2-Butanone
Concen: 80.508 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.001 min
Lab File: VD072947.D
Acq: 12 May 2022 14:57

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS01

Tgt Ion: 43 Resp: 103038
Ion Ratio Lower Upper
43 100
72 27.6 18.6 27.8

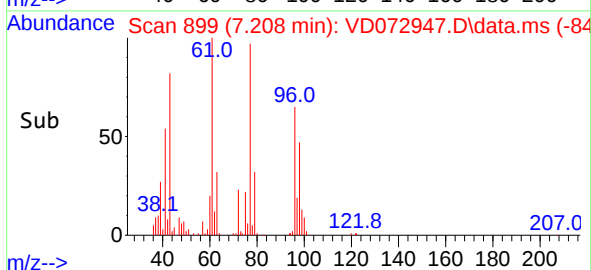
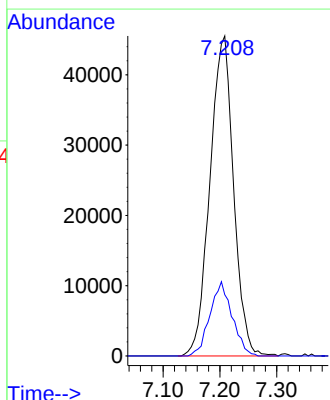
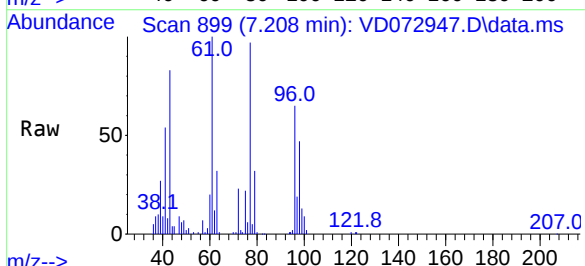
Manual Integrations
APPROVED

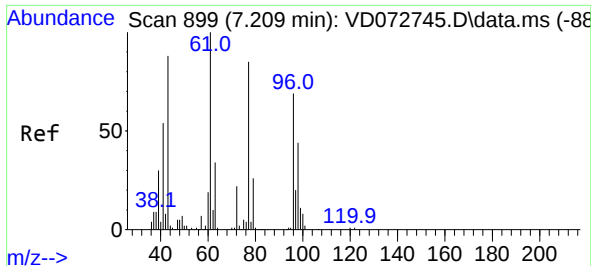
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#26
2,2-Dichloropropane
Concen: 17.878 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.005 min
Lab File: VD072947.D
Acq: 12 May 2022 14:57

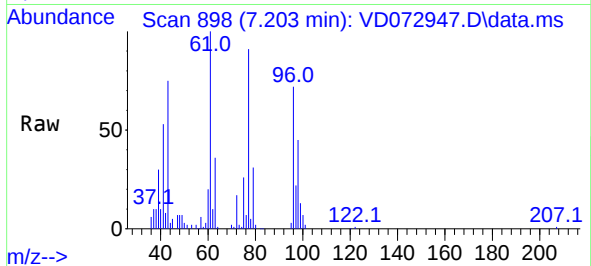
Tgt Ion: 77 Resp: 131590
Ion Ratio Lower Upper
77 100
97 21.9 10.8 32.4





#27
cis-1,2-Dichloroethene
Concen: 16.656 ug/l
RT: 7.203 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD072947.D
Acq: 12 May 2022 14:57

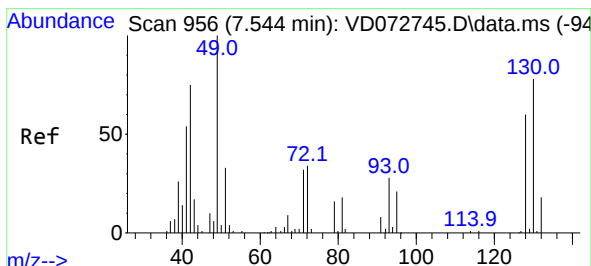
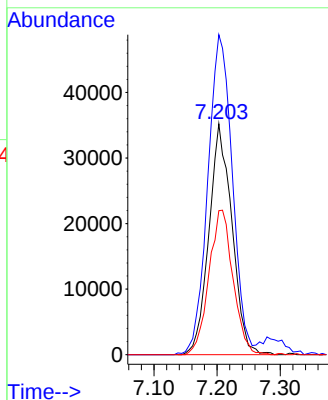
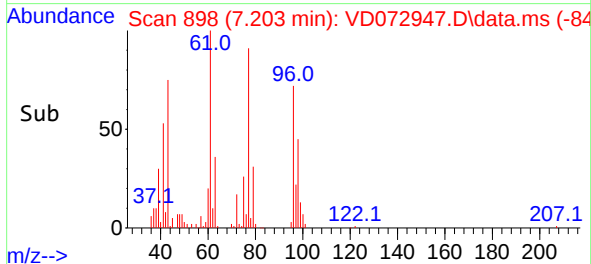
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS01



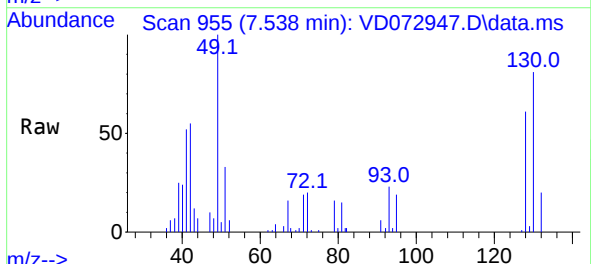
Tgt Ion: 96 Resp: 89274
Ion Ratio Lower Upper
96 100
61 147.6 0.0 313.8
98 65.5 0.0 128.8

Manual Integrations
APPROVED

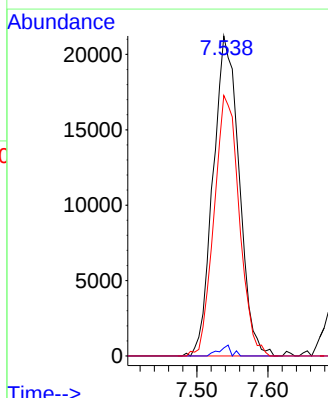
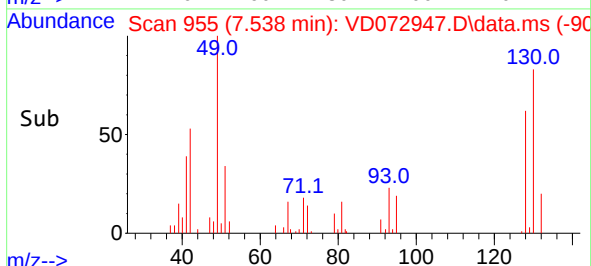
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#28
Bromochloromethane
Concen: 16.638 ug/l
RT: 7.538 min Scan# 955
Delta R.T. -0.006 min
Lab File: VD072947.D
Acq: 12 May 2022 14:57



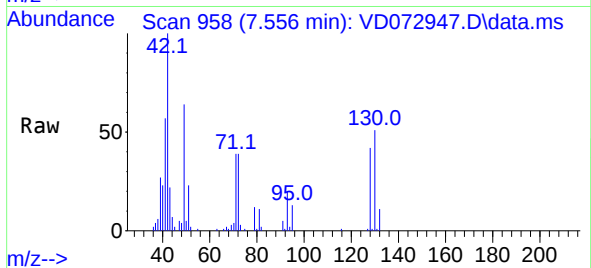
Tgt Ion: 49 Resp: 54021
Ion Ratio Lower Upper
49 100
129 1.6 0.0 4.0
130 78.7 52.6 79.0





#29
Tetrahydrofuran
Concen: 76.943 ug/l
RT: 7.556 min Scan# 958
Delta R.T. -0.005 min
Lab File: VD072947.D
Acq: 12 May 2022 14:57

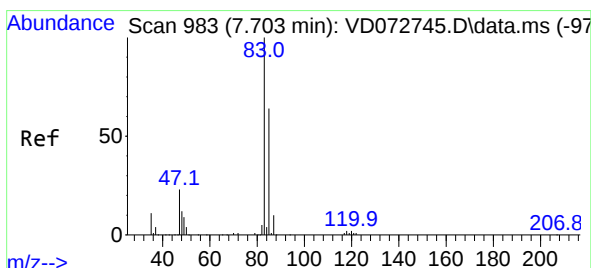
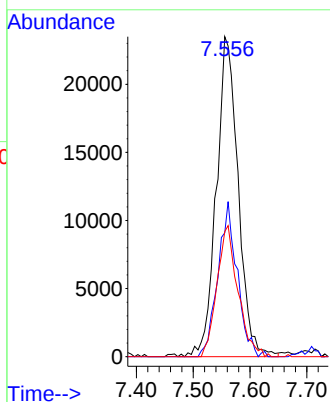
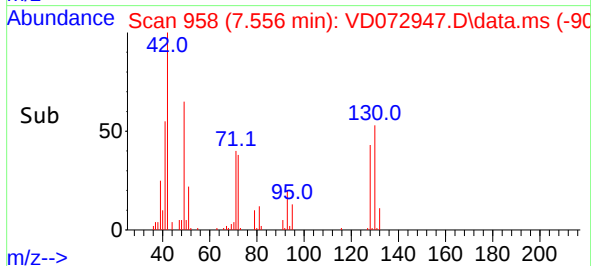
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS01



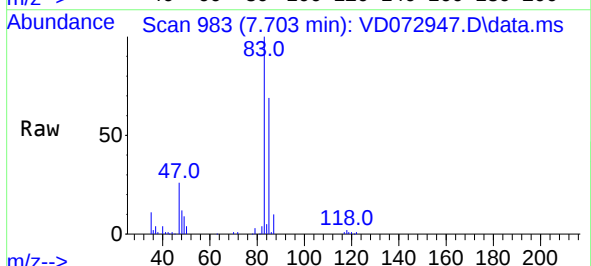
Tgt Ion: 42 Resp: 62769
Ion Ratio Lower Upper
42 100
72 42.5 30.7 46.1
71 39.3 28.6 43.0

Manual Integrations
APPROVED

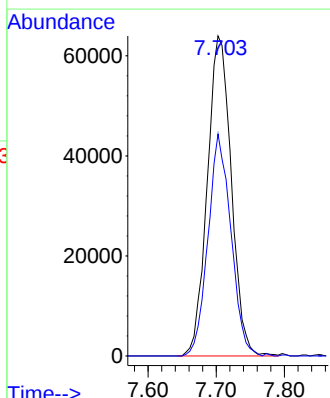
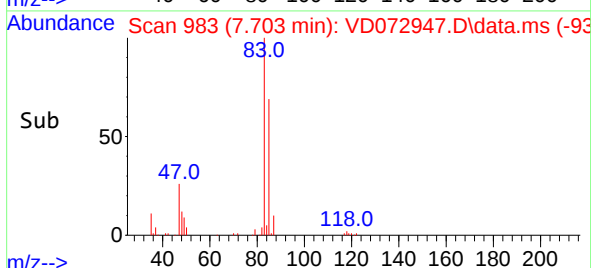
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

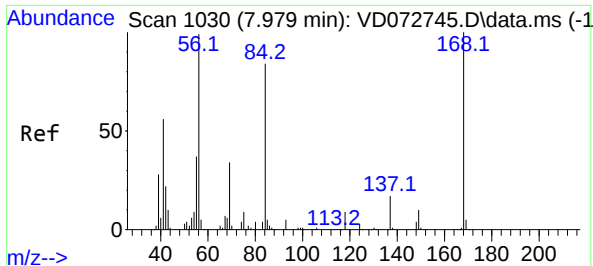


#30
Chloroform
Concen: 17.016 ug/l
RT: 7.703 min Scan# 983
Delta R.T. -0.000 min
Lab File: VD072947.D
Acq: 12 May 2022 14:57



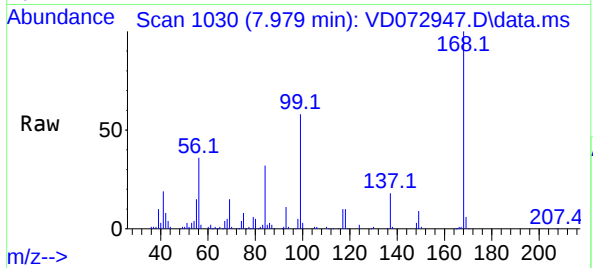
Tgt Ion: 83 Resp: 156757
Ion Ratio Lower Upper
83 100
85 69.4 52.7 79.1





#31
Cyclohexane
Concen: 16.982 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD072947.D
Acq: 12 May 2022 14:57

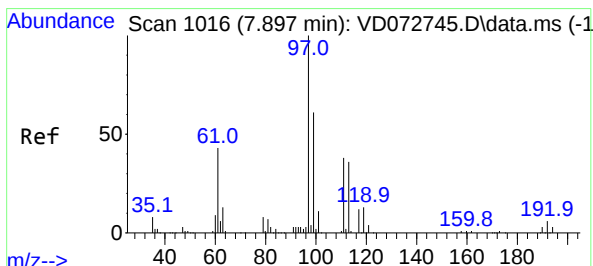
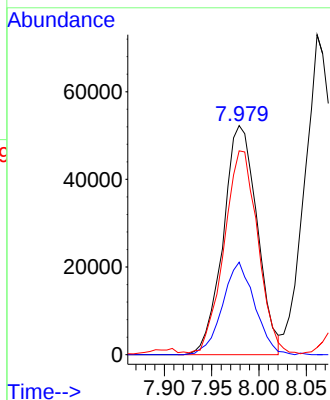
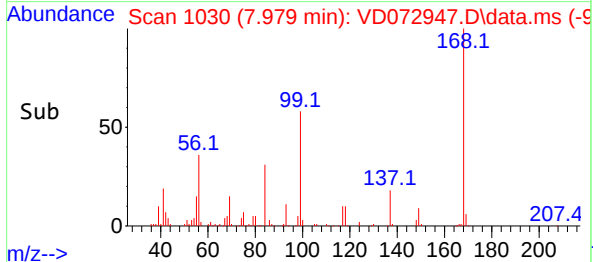
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS01



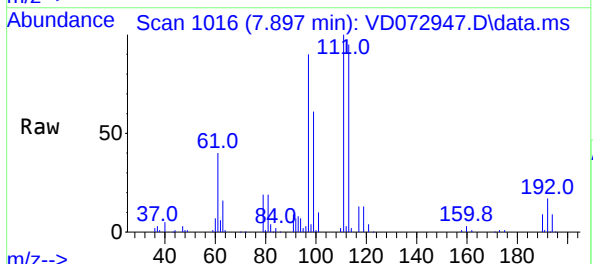
Tgt Ion: 56 Resp: 130395
Ion Ratio Lower Upper
56 100
69 40.4 25.4 38.2
84 88.0 63.0 94.4

Manual Integrations
APPROVED

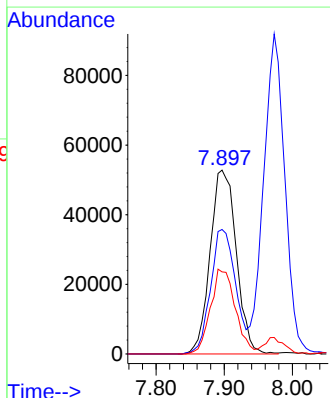
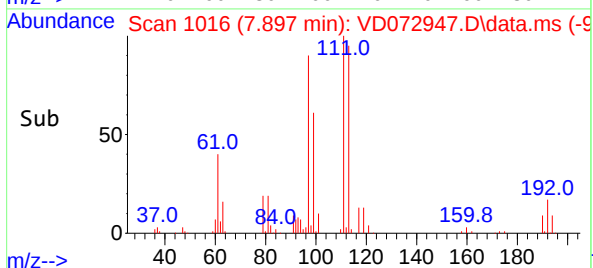
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

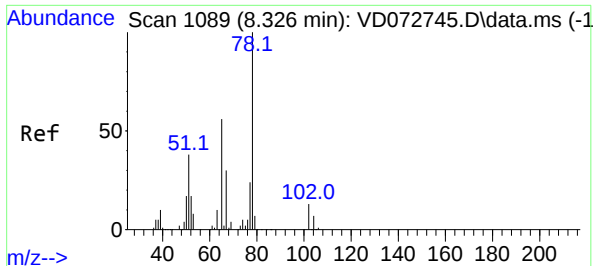


#32
1,1,1-Trichloroethane
Concen: 17.958 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. -0.000 min
Lab File: VD072947.D
Acq: 12 May 2022 14:57



Tgt Ion: 97 Resp: 140995
Ion Ratio Lower Upper
97 100
99 64.3 52.4 78.6
61 43.7 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 41.224 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072947.D

Acq: 12 May 2022 14:57

Instrument :

MSVOA_D

ClientSampleId :

VD0512SBS01

Tgt Ion: 65 Resp: 18108

Ion Ratio Lower Upper

65 100

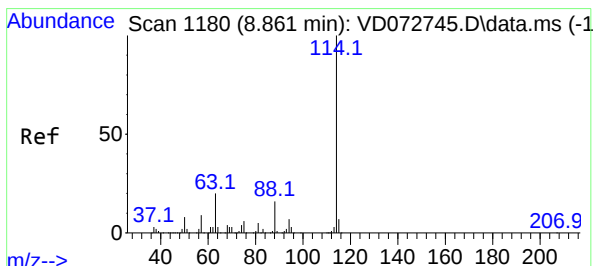
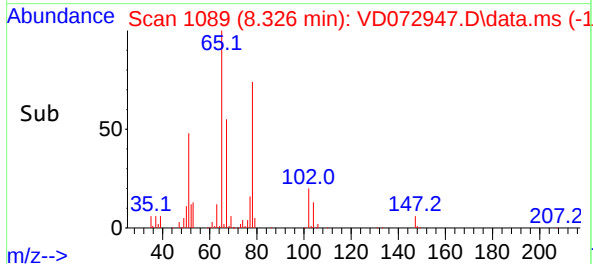
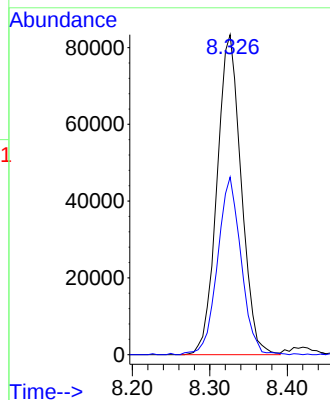
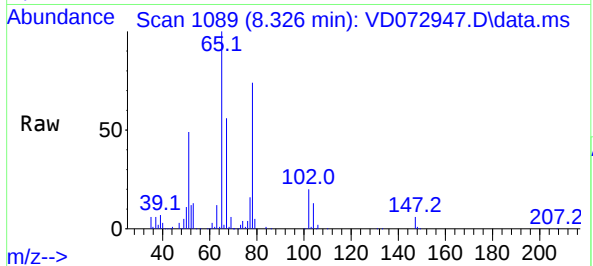
67 54.1 0.0 101.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072947.D

Acq: 12 May 2022 14:57

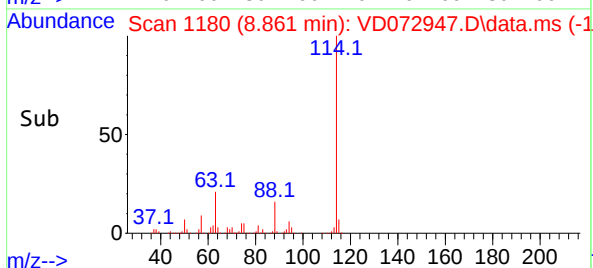
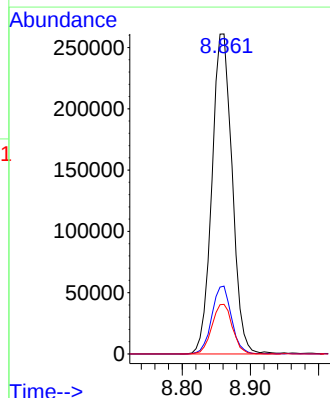
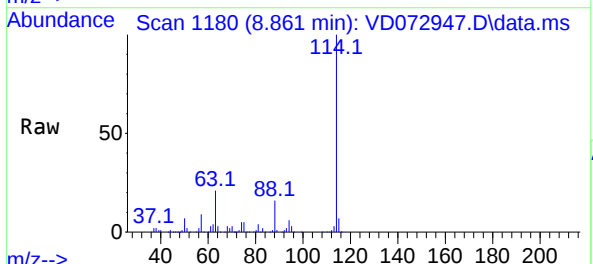
Tgt Ion:114 Resp: 539717

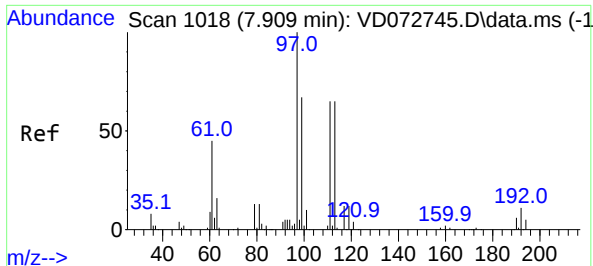
Ion Ratio Lower Upper

114 100

63 21.2 0.0 46.6

88 15.5 0.0 33.2





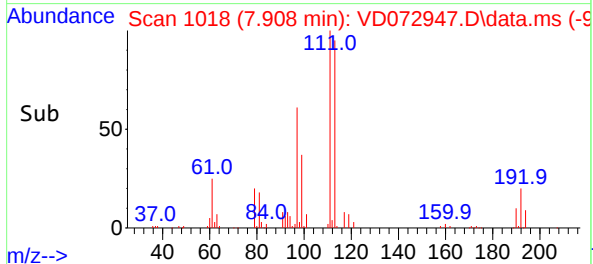
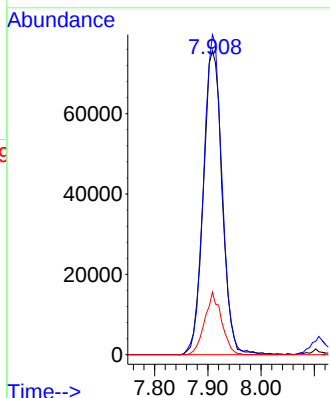
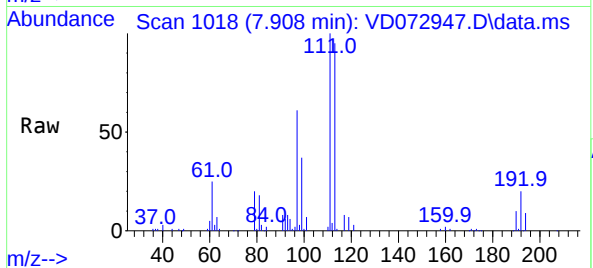
#35
Dibromofluoromethane
Concen: 48.892 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.001 min
Lab File: VD072947.D
Acq: 12 May 2022 14:57

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS01

Tgt Ion: 113 Resp: 18532
Ion Ratio Lower Upper
113 100
111 103.5 83.8 125.6
192 18.5 14.6 21.8

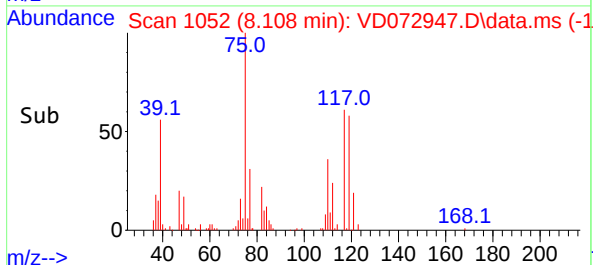
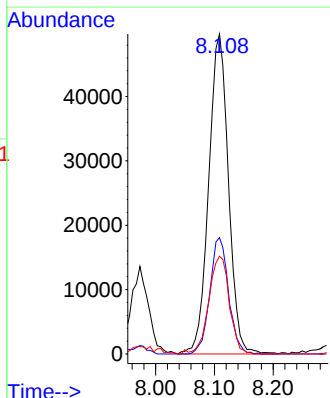
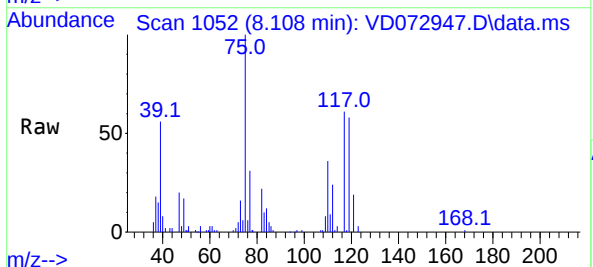
Manual Integrations
APPROVED

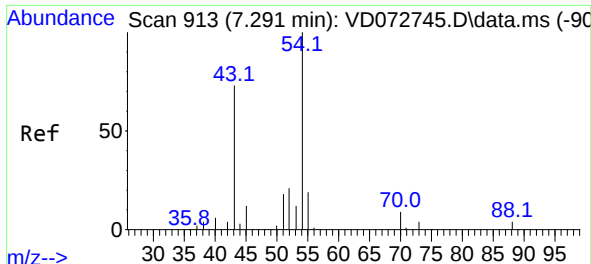
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#36
1,1-Dichloropropene
Concen: 18.828 ug/l
RT: 8.108 min Scan# 1052
Delta R.T. -0.001 min
Lab File: VD072947.D
Acq: 12 May 2022 14:57

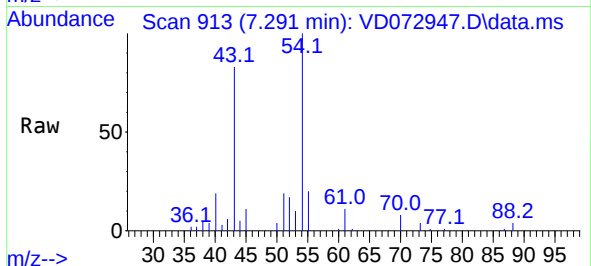
Tgt Ion: 75 Resp: 116048
Ion Ratio Lower Upper
75 100
110 34.5 16.4 49.1
77 31.7 24.2 36.2





#37
Ethyl Acetate
Concen: 16.268 ug/l
RT: 7.291 min Scan# 913
Delta R.T. -0.000 min
Lab File: VD072947.D
Acq: 12 May 2022 14:57

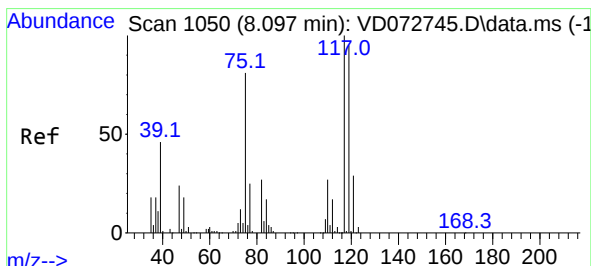
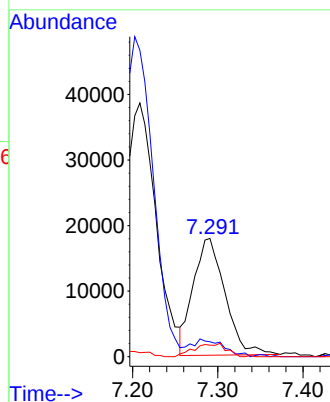
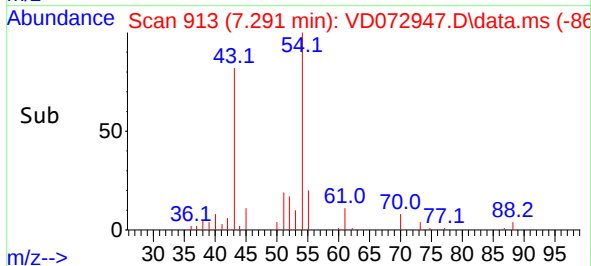
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS01



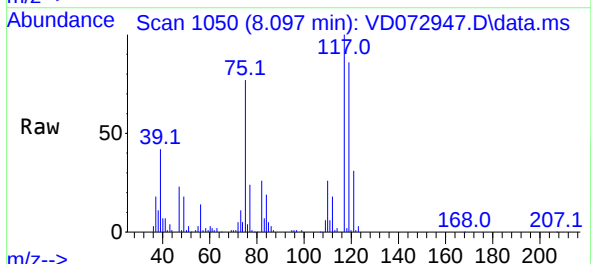
Tgt Ion: 43 Resp: 46093
Ion Ratio Lower Upper
43 100
61 0.0 9.8 14.8
70 11.3 6.9 10.3

Manual Integrations
APPROVED

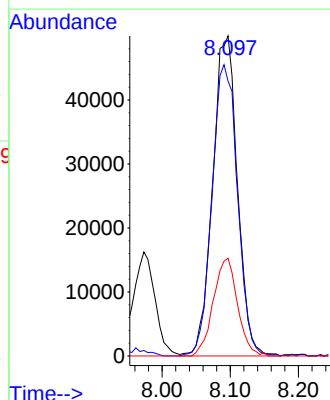
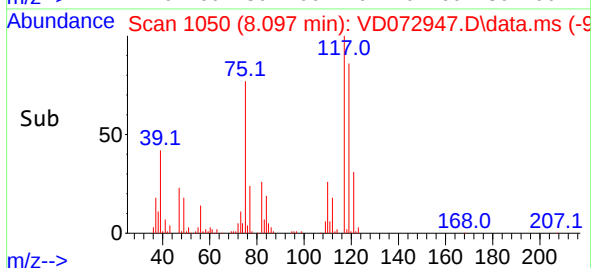
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#38
Carbon Tetrachloride
Concen: 19.731 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VD072947.D
Acq: 12 May 2022 14:57



Tgt Ion:117 Resp: 126239
Ion Ratio Lower Upper
117 100
119 85.9 75.8 113.6
121 30.5 24.5 36.7





#39

Methylcyclohexane

Concen: 18.450 ug/l

RT: 9.350 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD072947.D

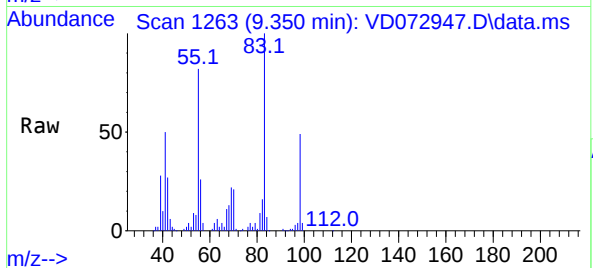
Acq: 12 May 2022 14:57

Instrument :

MSVOA_D

ClientSampleId :

VD0512SBS01



Tgt Ion: 83 Resp: 131902

Ion Ratio Lower Upper

83 100

55 82.3 63.2 94.8

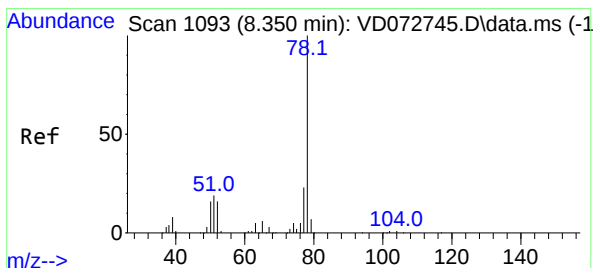
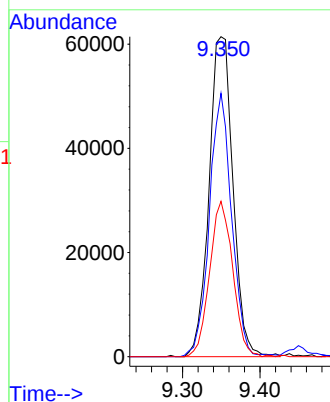
98 48.5 38.2 57.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#40

Benzene

Concen: 18.599 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.006 min

Lab File: VD072947.D

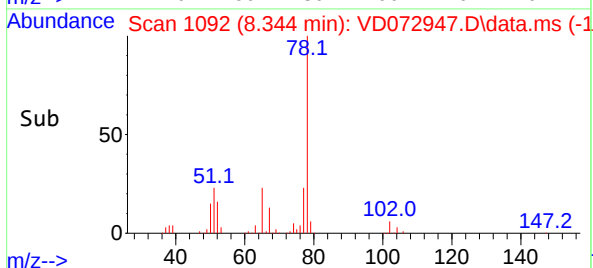
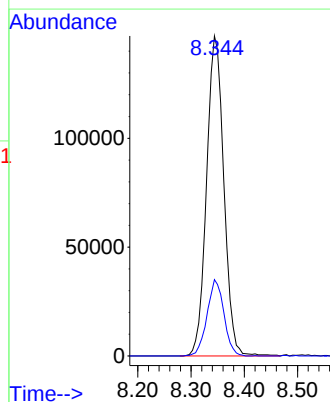
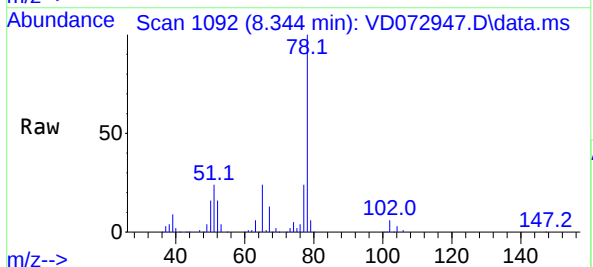
Acq: 12 May 2022 14:57

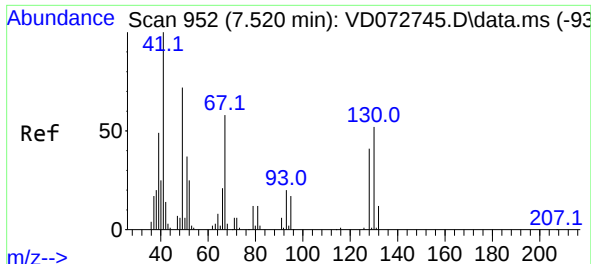
Tgt Ion: 78 Resp: 331047

Ion Ratio Lower Upper

78 100

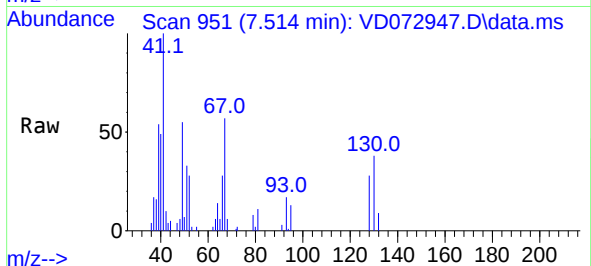
77 23.9 19.1 28.7





#41
Methacrylonitrile
Concen: 15.522 ug/l m
RT: 7.514 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD072947.D
Acq: 12 May 2022 14:57

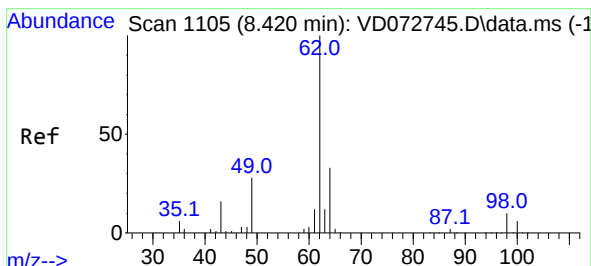
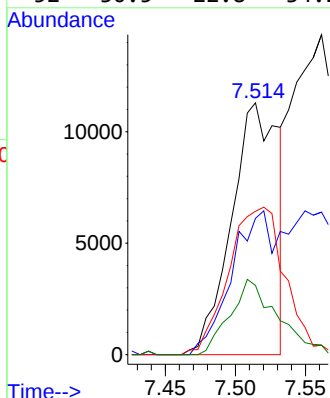
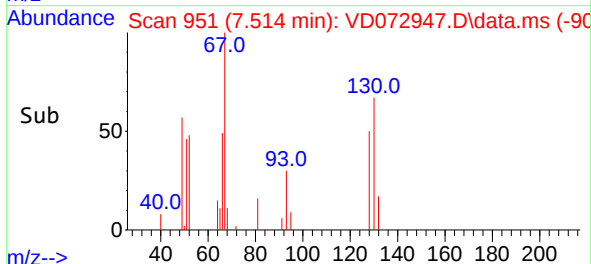
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS01



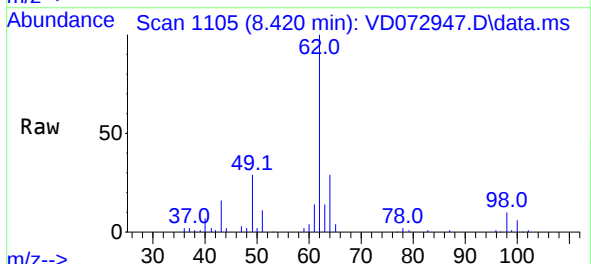
Tgt Ion: 41 Resp: 2618
Ion Ratio Lower Upper
41 100
39 48.7 44.6 67.0
67 71.3 48.2 72.4
52 30.5 22.8 34.2

Manual Integrations
APPROVED

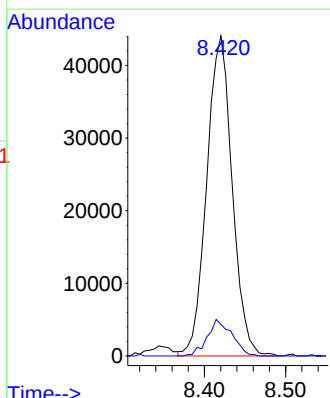
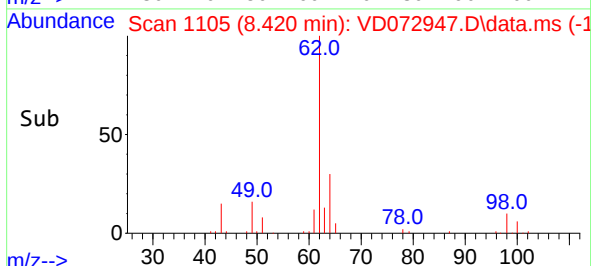
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

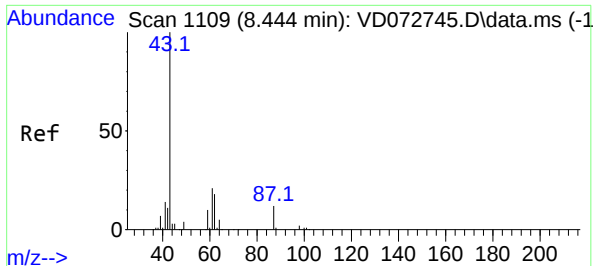


#42
1,2-Dichloroethane
Concen: 17.908 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD072947.D
Acq: 12 May 2022 14:57



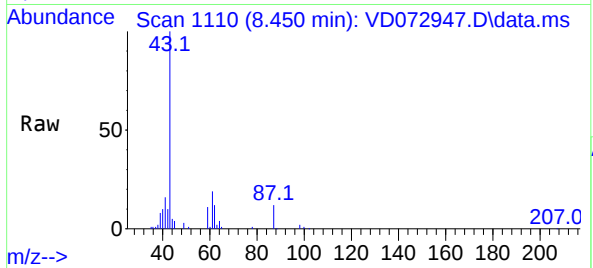
Tgt Ion: 62 Resp: 96055
Ion Ratio Lower Upper
62 100
98 11.0 0.0 17.6





#43
Isopropyl Acetate
Concen: 17.883 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. 0.006 min
Lab File: VD072947.D
Acq: 12 May 2022 14:57

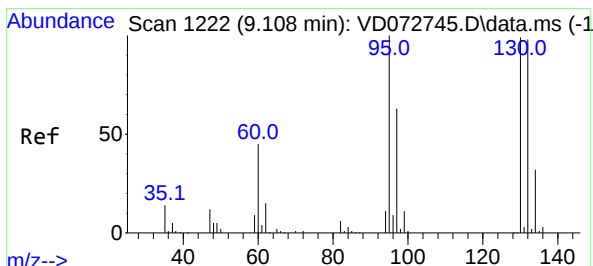
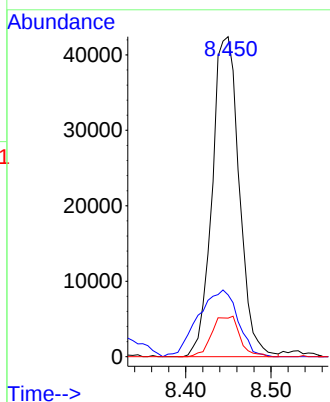
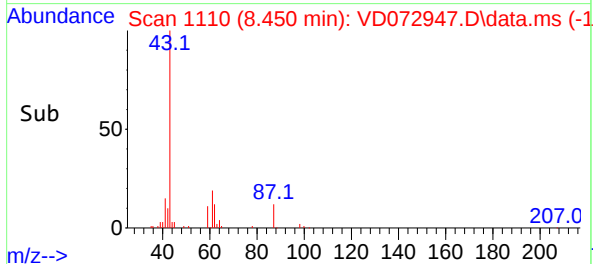
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS01



Tgt Ion: 43 Resp: 93519
Ion Ratio Lower Upper
43 100
61 30.7 22.4 33.6
87 13.0 8.7 13.1

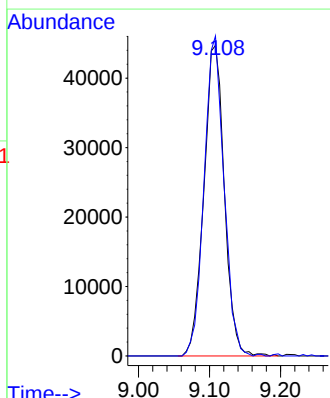
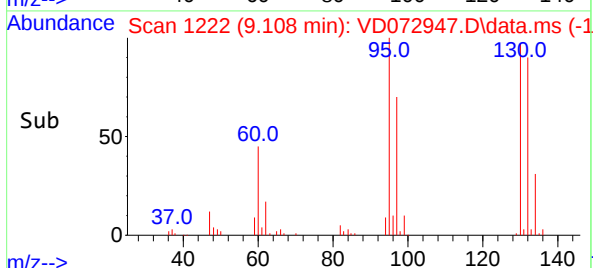
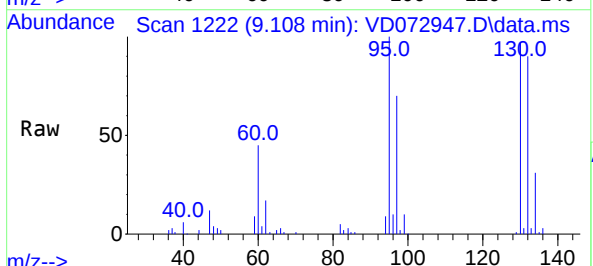
Manual Integrations
APPROVED

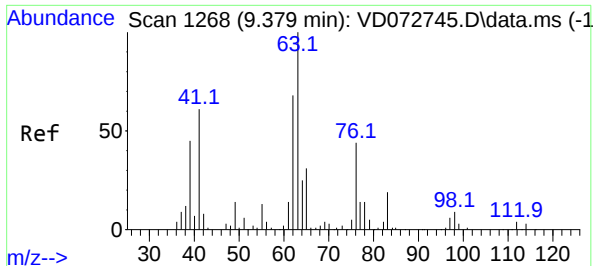
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#44
Trichloroethene
Concen: 18.877 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD072947.D
Acq: 12 May 2022 14:57

Tgt Ion:130 Resp: 89887
Ion Ratio Lower Upper
130 100
95 103.0 0.0 205.4





#45

1,2-Dichloropropane

Concen: 18.349 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.000 min

Lab File: VD072947.D

Acq: 12 May 2022 14:57

Instrument :

MSVOA_D

ClientSampleId :

VD0512SBS01

Tgt Ion: 63 Resp: 8577

Ion Ratio Lower Upper

63 100

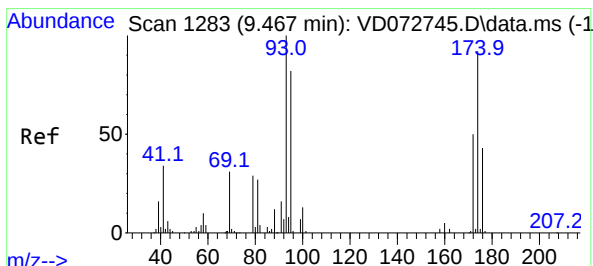
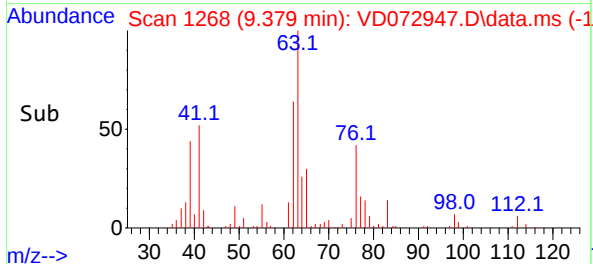
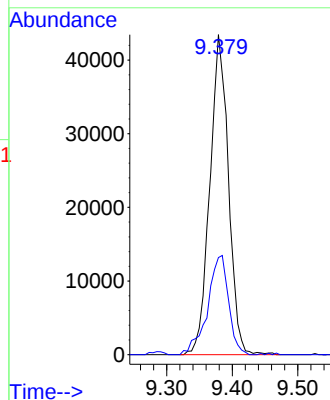
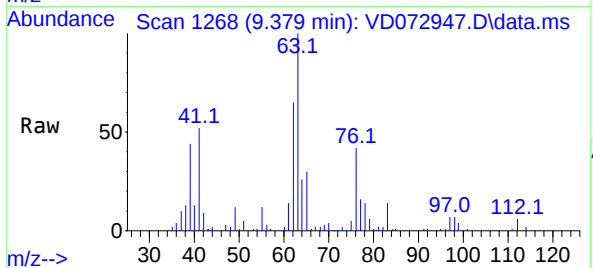
65 30.4 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#46

Dibromomethane

Concen: 18.087 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD072947.D

Acq: 12 May 2022 14:57

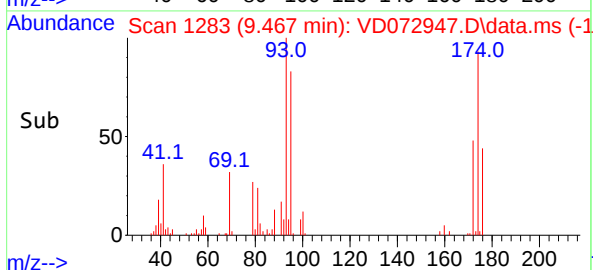
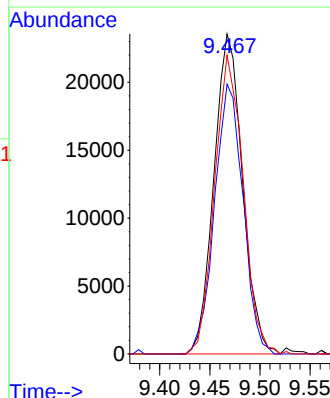
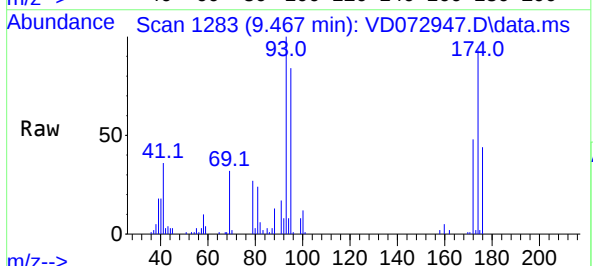
Tgt Ion: 93 Resp: 46637

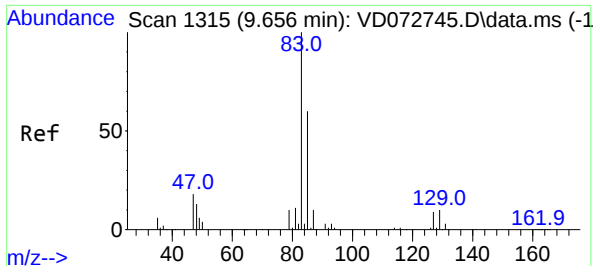
Ion Ratio Lower Upper

93 100

95 84.1 66.7 100.1

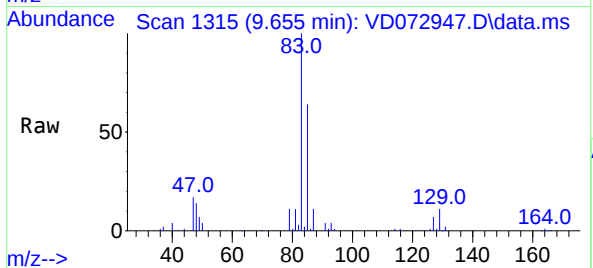
174 93.4 71.6 107.4





#47
Bromodichloromethane
Concen: 18.788 ug/l
RT: 9.655 min Scan# 1315
Delta R.T. -0.001 min
Lab File: VD072947.D
Acq: 12 May 2022 14:57

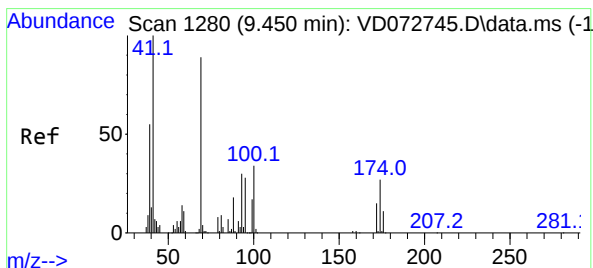
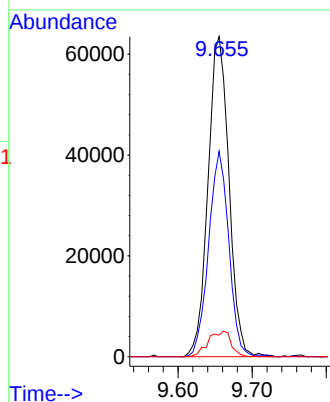
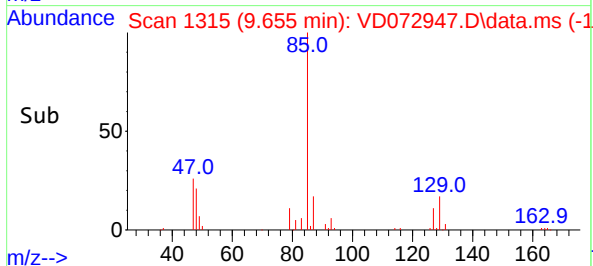
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS01



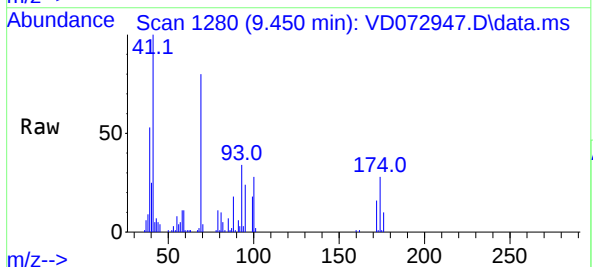
Tgt Ion: 83 Resp: 12462
Ion Ratio Lower Upper
83 100
85 64.1 51.4 77.0
127 6.7 6.1 9.1

Manual Integrations
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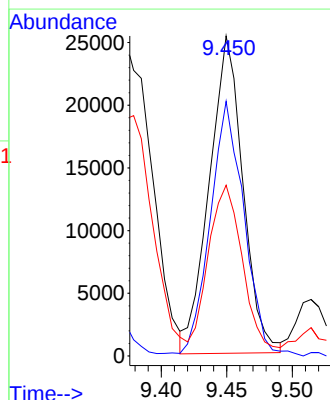
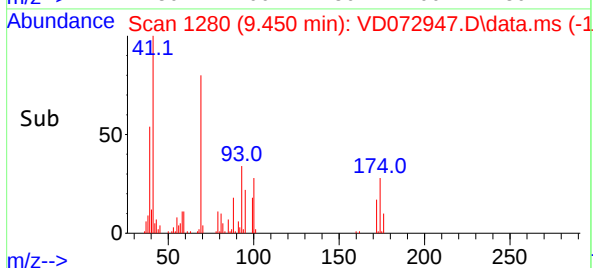
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

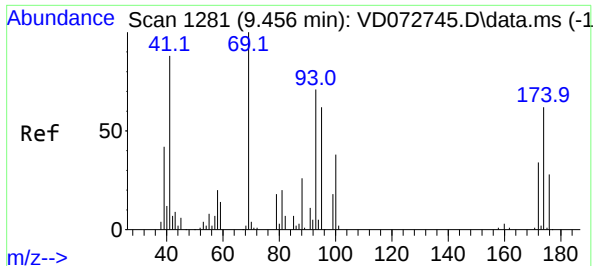


#48
Methyl methacrylate
Concen: 17.645 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VD072947.D
Acq: 12 May 2022 14:57



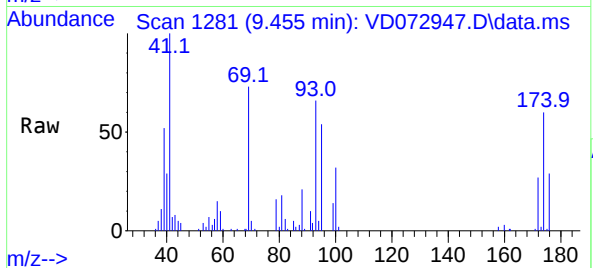
Tgt Ion: 41 Resp: 45142
Ion Ratio Lower Upper
41 100
69 81.0 56.7 85.1
39 56.1 42.7 64.1





#49
1,4-Dioxane
Concen: 333.072 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. -0.001 min
Lab File: VD072947.D
Acq: 12 May 2022 14:57

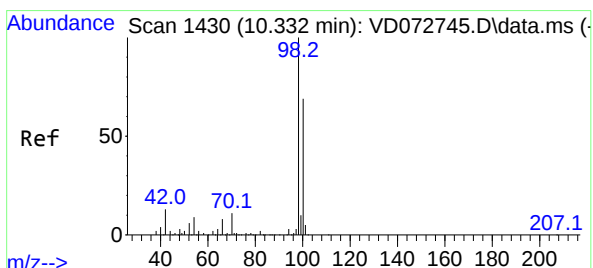
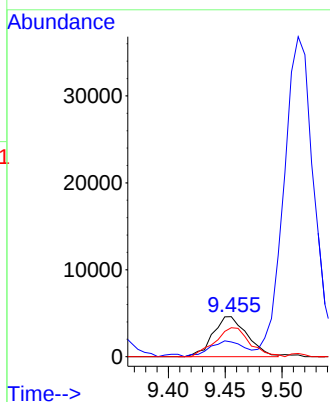
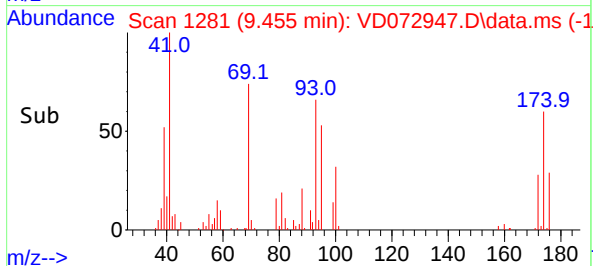
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS01



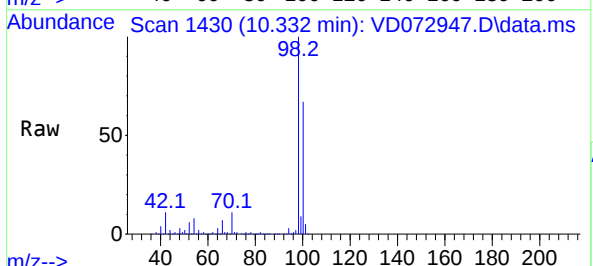
Tgt Ion: 88 Resp: 967
Ion Ratio Lower Upper
88 100
43 38.6 31.0 46.4
58 72.9 58.1 87.1

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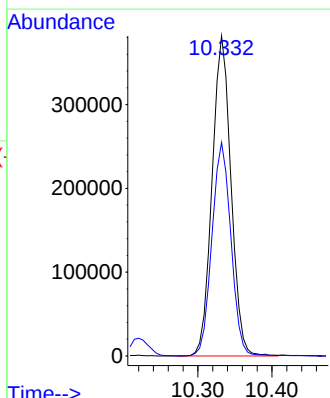
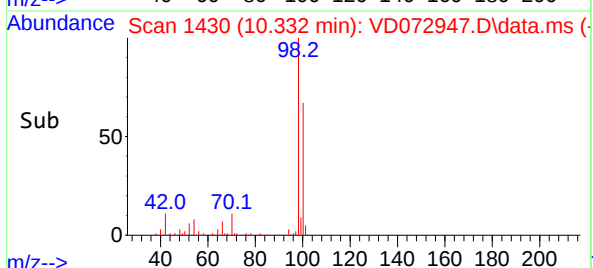
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

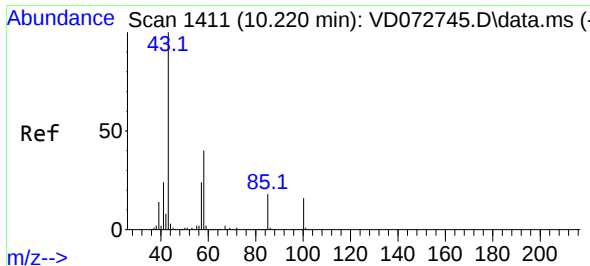


#50
Toluene-d8
Concen: 49.748 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072947.D
Acq: 12 May 2022 14:57



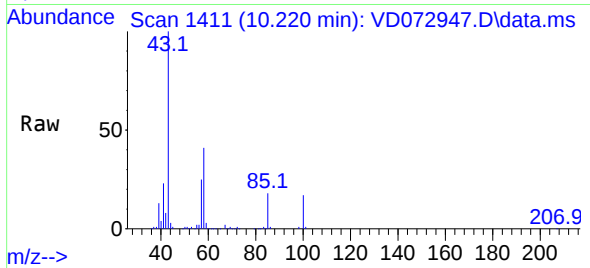
Tgt Ion: 98 Resp: 676416
Ion Ratio Lower Upper
98 100
100 67.1 52.4 78.6





#51
4-Methyl-2-Pentanone
Concen: 86.724 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD072947.D
Acq: 12 May 2022 14:57

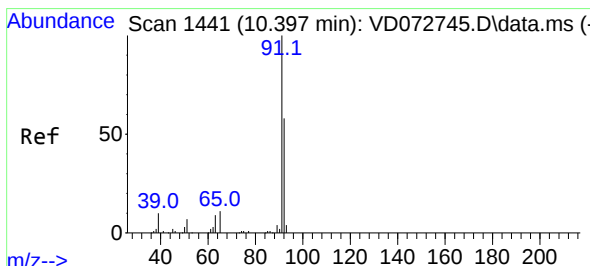
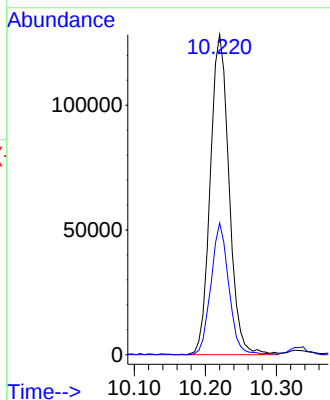
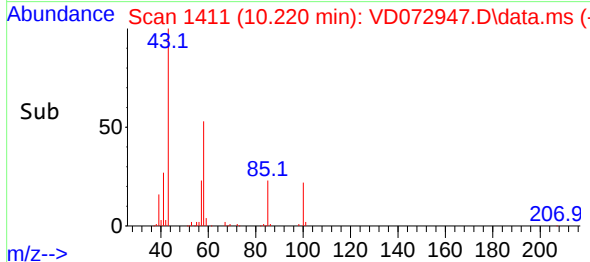
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS01



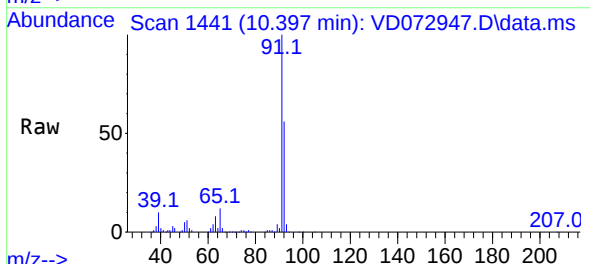
Tgt Ion: 43 Resp: 235669
Ion Ratio Lower Upper
43 100
58 39.0 28.6 43.0

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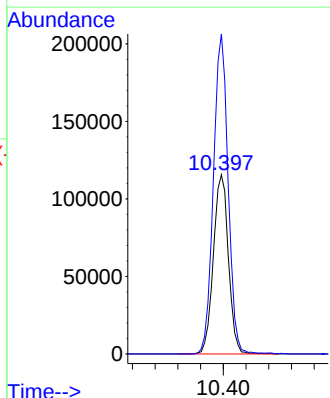
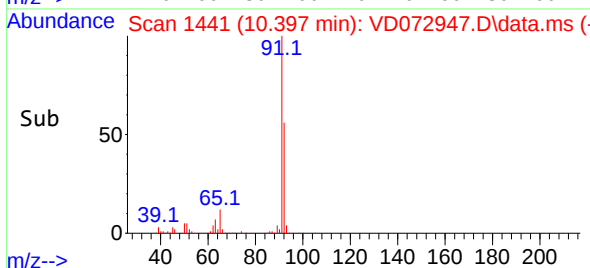
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

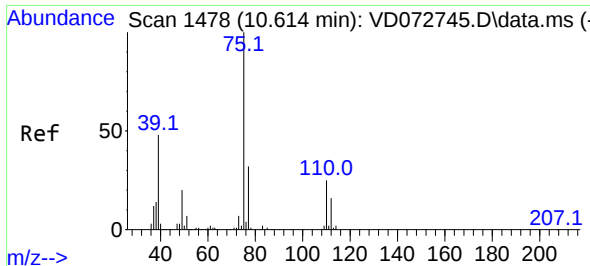


#52
Toluene
Concen: 19.075 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD072947.D
Acq: 12 May 2022 14:57



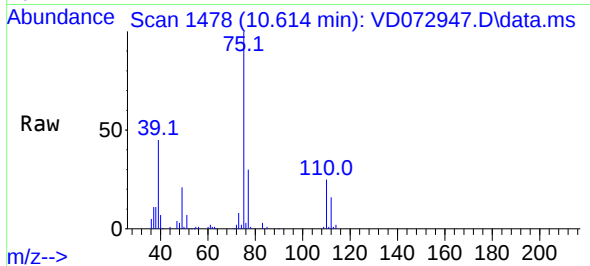
Tgt Ion: 92 Resp: 211793
Ion Ratio Lower Upper
92 100
91 174.7 139.6 209.4





#53
t-1,3-Dichloropropene
Concen: 17.764 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD072947.D
Acq: 12 May 2022 14:57

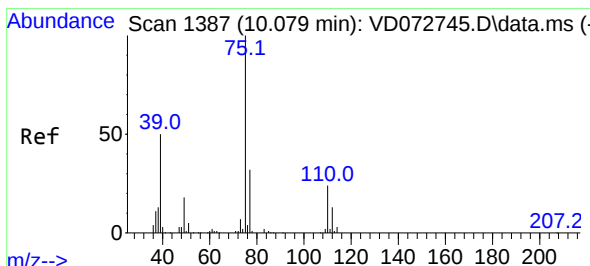
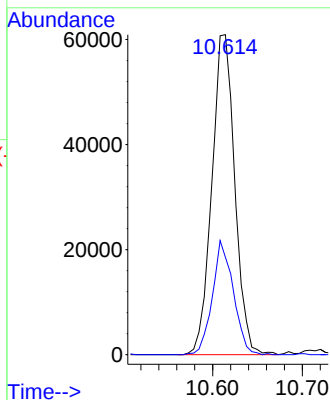
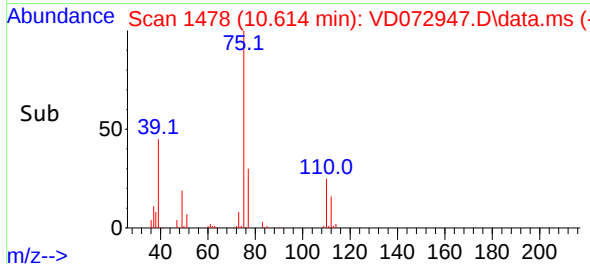
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS01



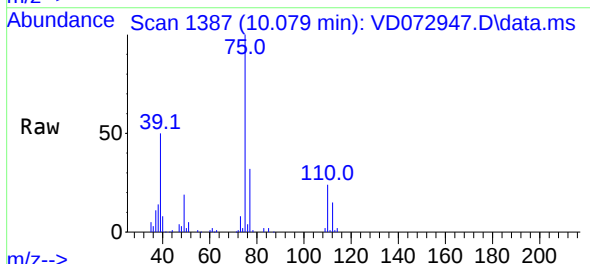
Tgt Ion: 75 Resp: 10823
Ion Ratio Lower Upper
75 100
77 30.5 24.5 36.7

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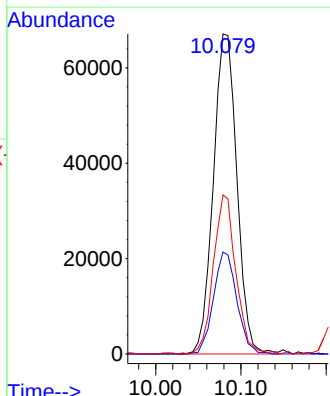
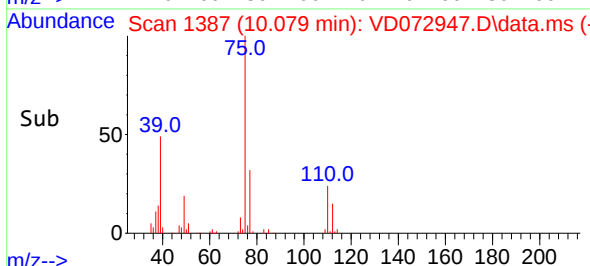
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

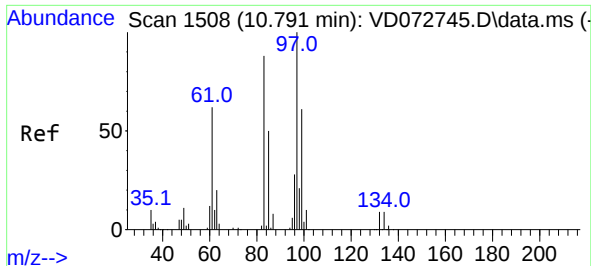


#54
cis-1,3-Dichloropropene
Concen: 18.238 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VD072947.D
Acq: 12 May 2022 14:57



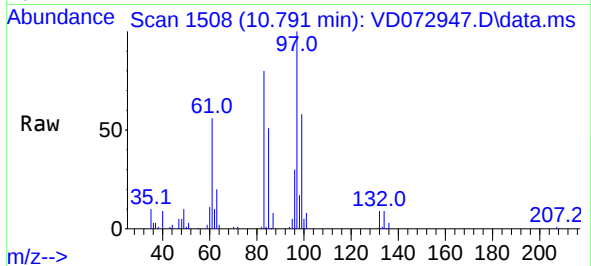
Tgt Ion: 75 Resp: 129100
Ion Ratio Lower Upper
75 100
77 31.9 24.8 37.2
39 49.7 46.8 70.2





#55
1,1,2-Trichloroethane
Concen: 18.532 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD072947.D
Acq: 12 May 2022 14:57

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS01

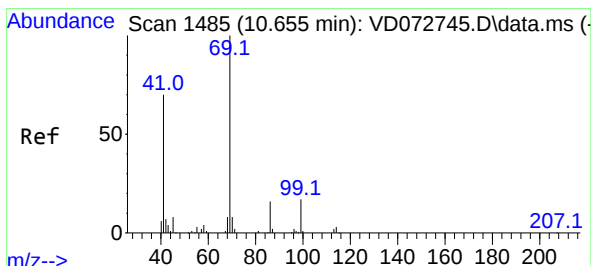
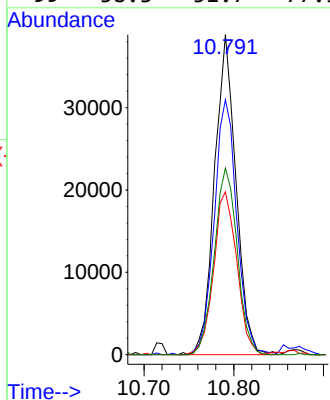
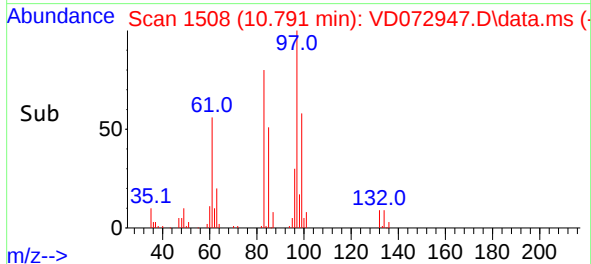


Tgt Ion: 97 Resp: 64590

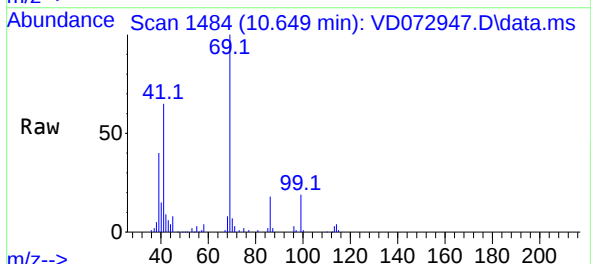
Ion	Ratio	Lower	Upper
97	100		
83	79.7	69.0	103.4
85	50.9	42.6	63.8
99	58.3	51.7	77.5

Manual Integrations
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Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

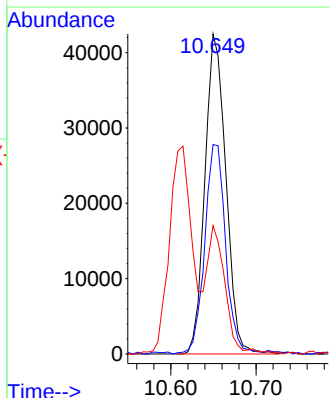
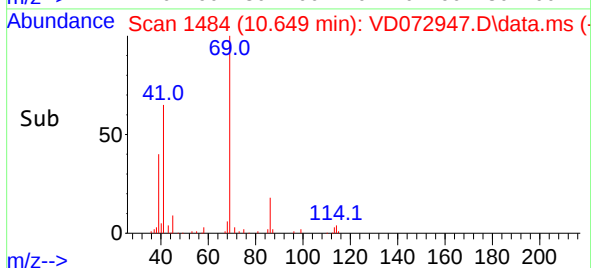


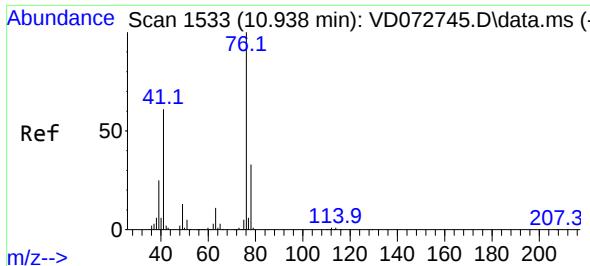
#56
Ethyl methacrylate
Concen: 17.681 ug/l
RT: 10.649 min Scan# 1484
Delta R.T. -0.006 min
Lab File: VD072947.D
Acq: 12 May 2022 14:57



Tgt Ion: 69 Resp: 72565

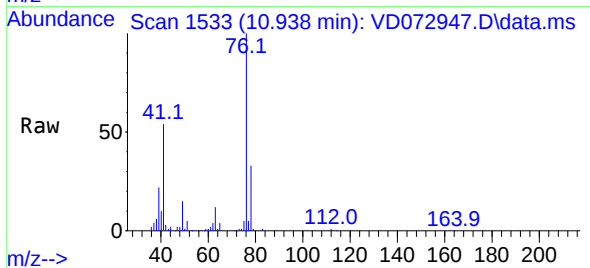
Ion	Ratio	Lower	Upper
69	100		
41	65.4	63.0	94.6
39	33.4	33.8	50.8





#57
1,3-Dichloropropane
Concen: 18.225 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VD072947.D
Acq: 12 May 2022 14:57

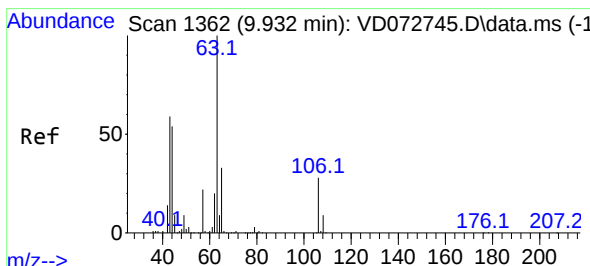
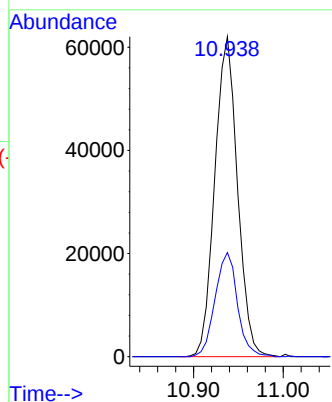
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS01



Tgt Ion: 76 Resp: 109014
Ion Ratio Lower Upper
76 100
78 32.0 26.0 39.0

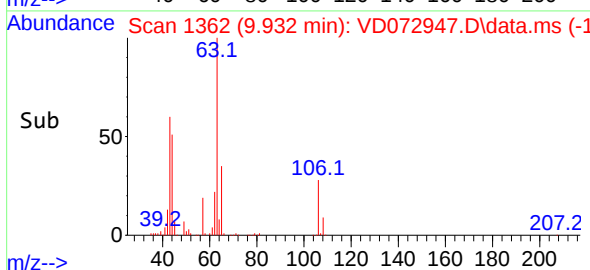
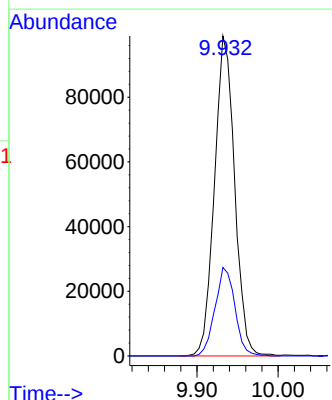
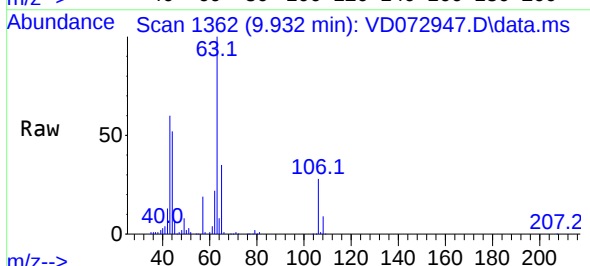
Manual Integrations
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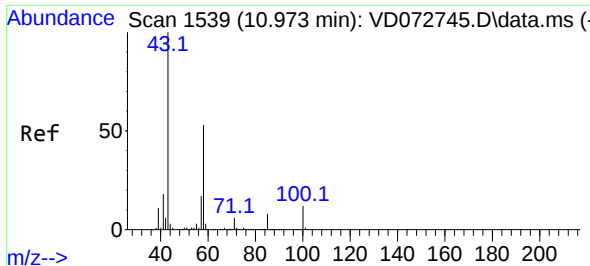
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#58
2-Chloroethyl Vinyl ether
Concen: 85.835 ug/l
RT: 9.932 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VD072947.D
Acq: 12 May 2022 14:57

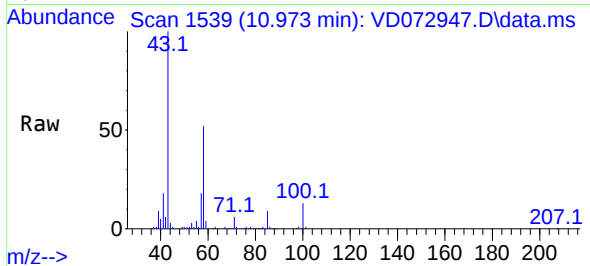
Tgt Ion: 63 Resp: 170798
Ion Ratio Lower Upper
63 100
106 27.3 21.4 32.0





#59
2-Hexanone
Concen: 86.022 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VD072947.D
Acq: 12 May 2022 14:57

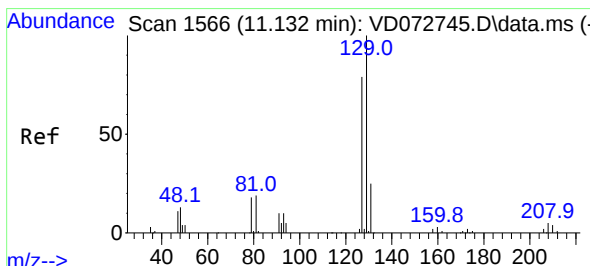
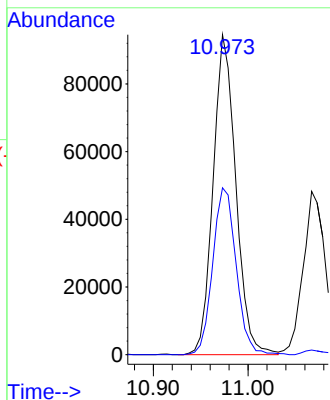
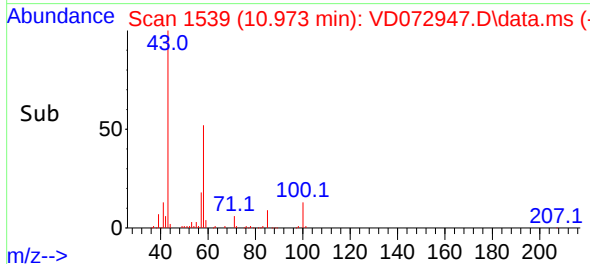
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS01



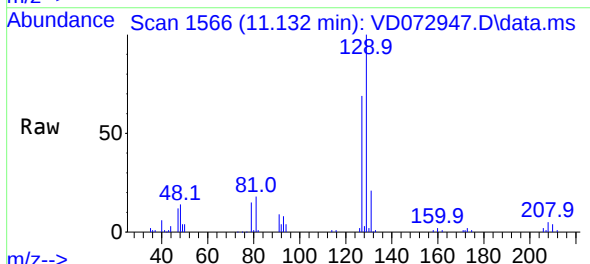
Tgt Ion: 43 Resp: 157298
Ion Ratio Lower Upper
43 100
58 53.9 25.3 75.9

Manual Integrations
APPROVED

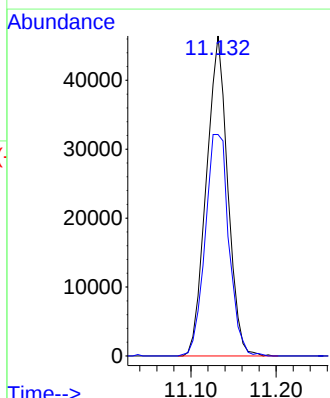
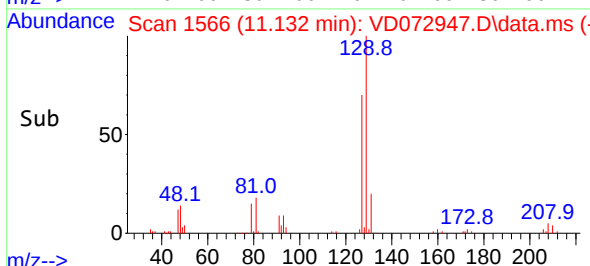
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

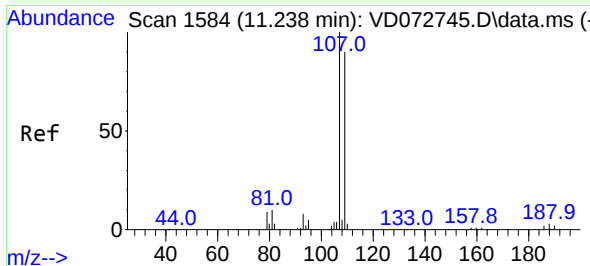


#60
Dibromochloromethane
Concen: 18.478 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD072947.D
Acq: 12 May 2022 14:57



Tgt Ion:129 Resp: 81082
Ion Ratio Lower Upper
129 100
127 76.9 39.2 117.6





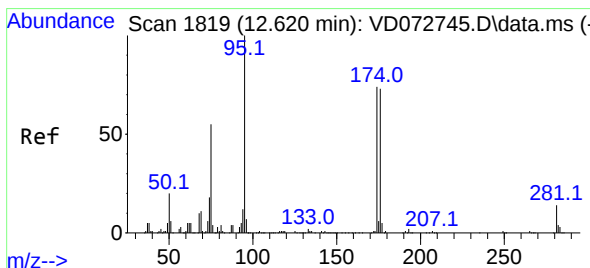
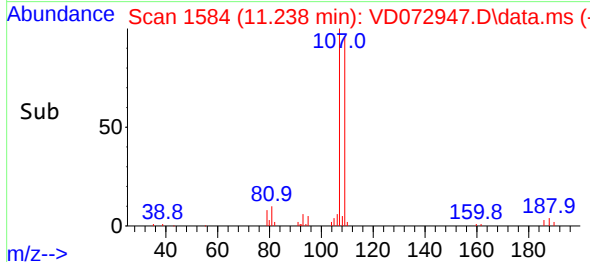
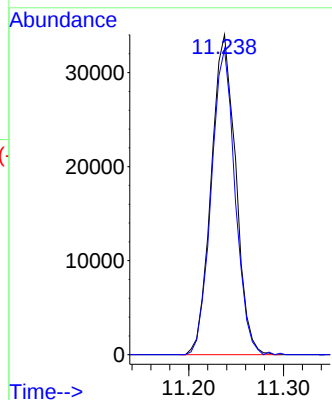
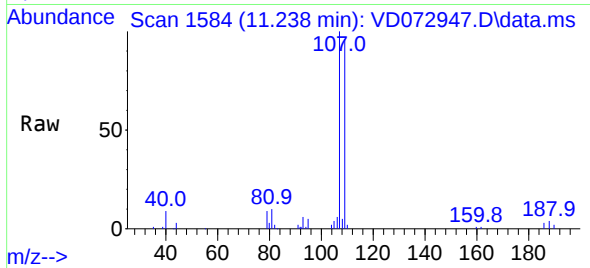
#61
1,2-Dibromoethane
Concen: 18.002 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072947.D
Acq: 12 May 2022 14:57

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS01

Tgt Ion:107 Resp: 61070
Ion Ratio Lower Upper
107 100
109 92.8 74.2 111.4

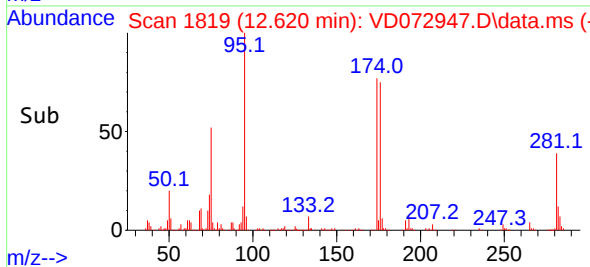
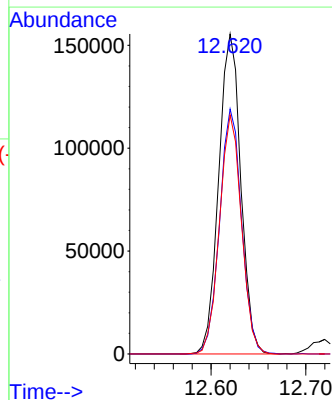
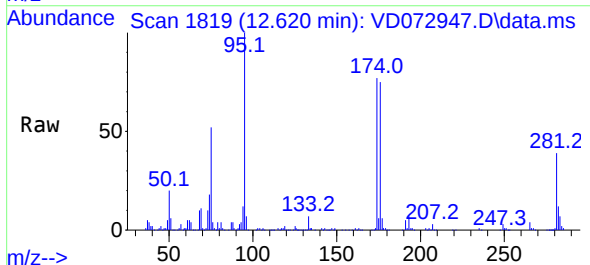
Manual Integrations
APPROVED

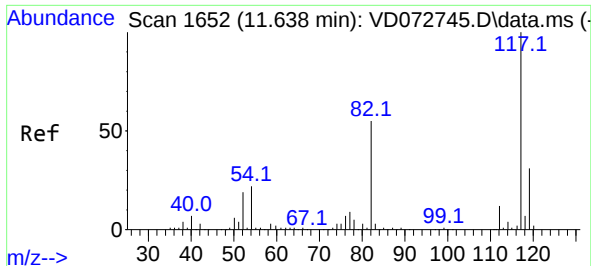
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#62
4-Bromofluorobenzene
Concen: 49.680 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072947.D
Acq: 12 May 2022 14:57

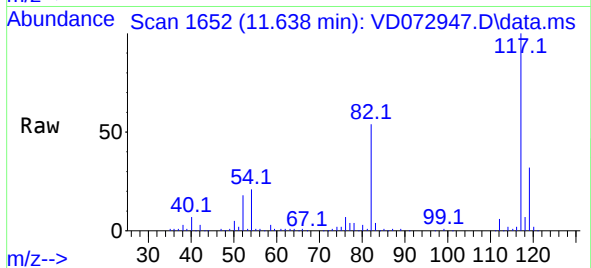
Tgt Ion: 95 Resp: 251874
Ion Ratio Lower Upper
95 100
174 76.1 0.0 152.8
176 74.2 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072947.D
Acq: 12 May 2022 14:57

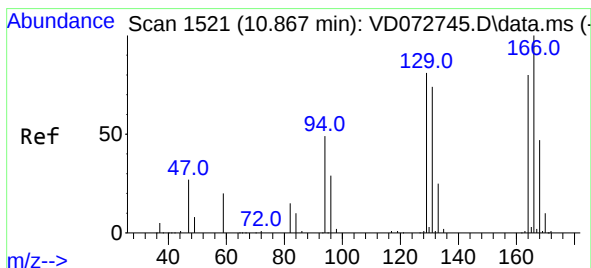
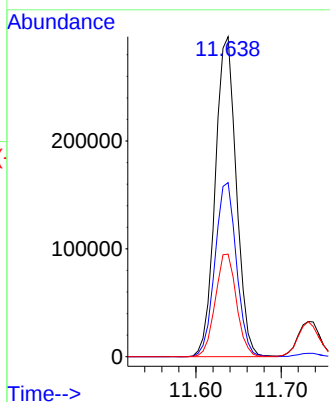
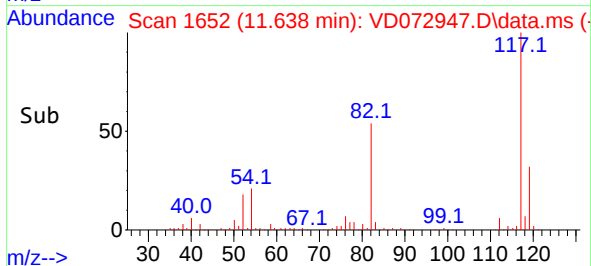
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS01



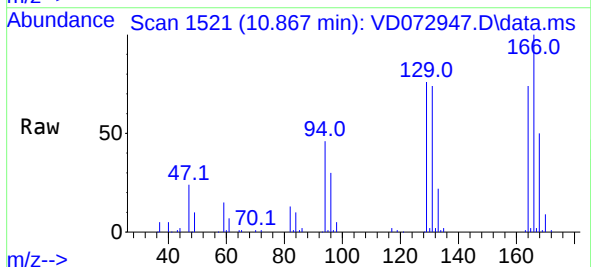
Tgt Ion:117 Resp: 509479
Ion Ratio Lower Upper
117 100
82 54.4 45.3 67.9
119 32.0 26.6 40.0

Manual Integrations
APPROVED

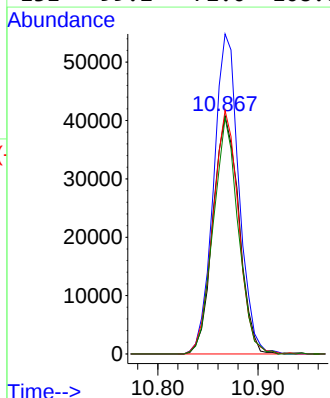
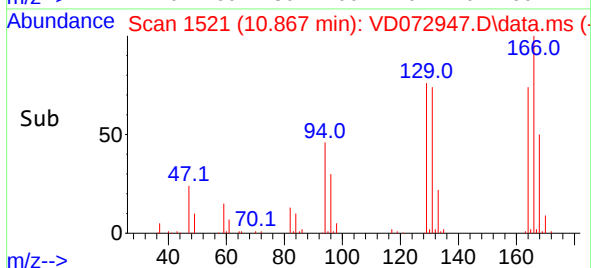
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

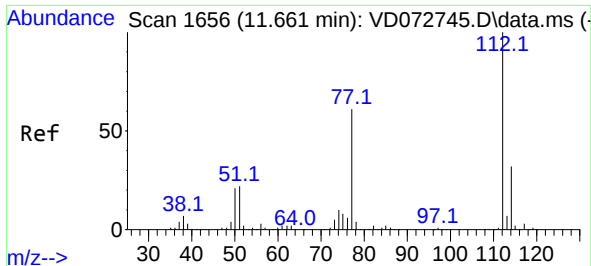


#64
Tetrachloroethene
Concen: 19.704 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD072947.D
Acq: 12 May 2022 14:57



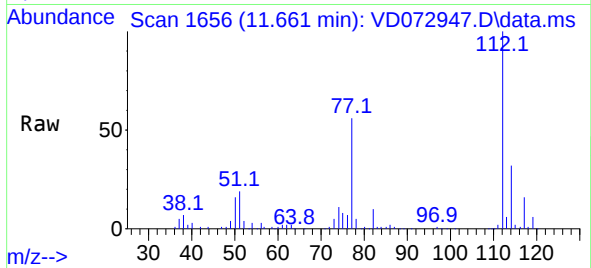
Tgt Ion:164 Resp: 73397
Ion Ratio Lower Upper
164 100
166 134.4 98.5 147.7
129 102.3 74.6 111.8
131 99.2 72.0 108.0





#65
Chlorobenzene
Concen: 19.492 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD072947.D
Acq: 12 May 2022 14:57

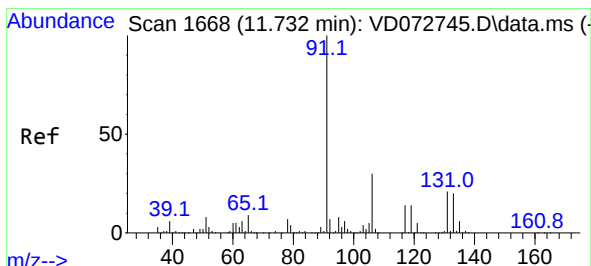
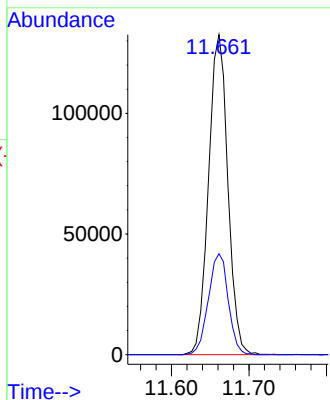
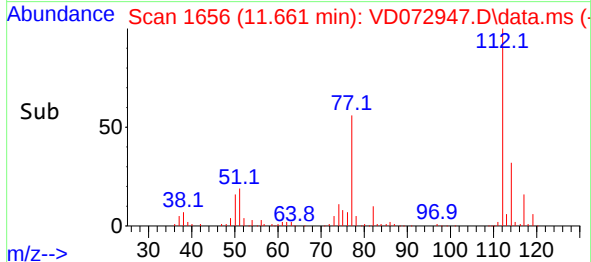
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS01



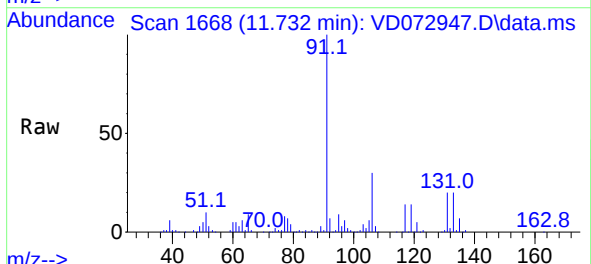
Tgt Ion:112 Resp: 22969
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.6

Manual Integrations
APPROVED

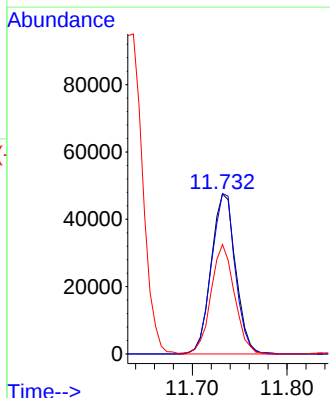
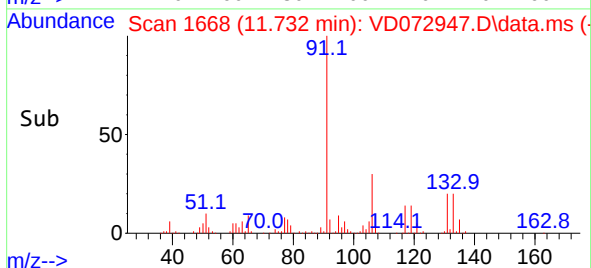
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 19.233 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD072947.D
Acq: 12 May 2022 14:57



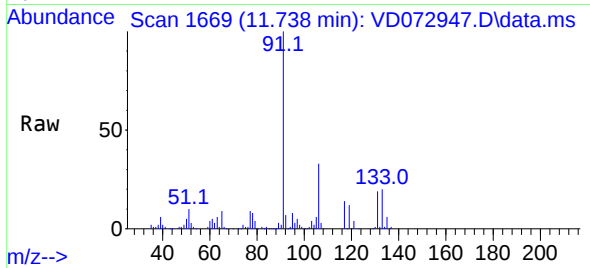
Tgt Ion:131 Resp: 85177
Ion Ratio Lower Upper
131 100
133 98.0 48.1 144.3
119 66.0 31.9 95.9





#67
Ethyl Benzene
Concen: 19.460 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD072947.D
Acq: 12 May 2022 14:57

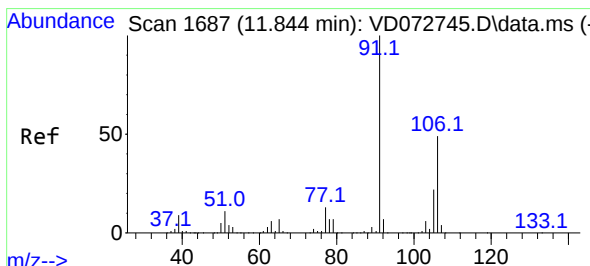
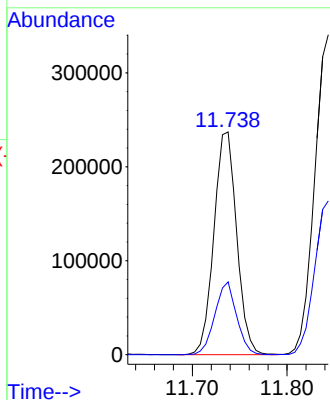
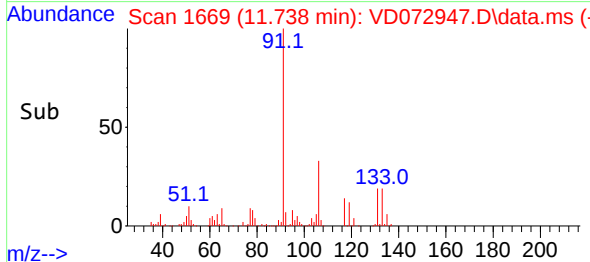
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS01



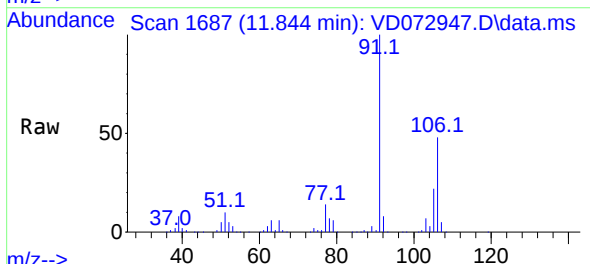
Tgt Ion: 91 Resp: 396860
Ion Ratio Lower Upper
91 100
106 32.7 24.2 36.4

Manual Integrations
APPROVED

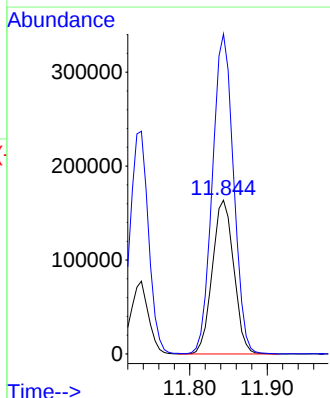
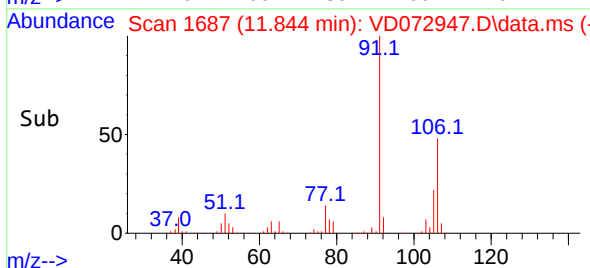
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

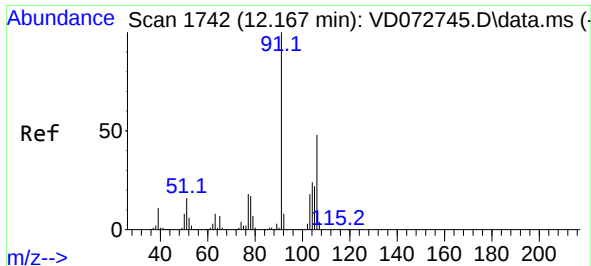


#68
m/p-Xylenes
Concen: 40.014 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VD072947.D
Acq: 12 May 2022 14:57



Tgt Ion:106 Resp: 314335
Ion Ratio Lower Upper
106 100
91 205.7 163.7 245.5





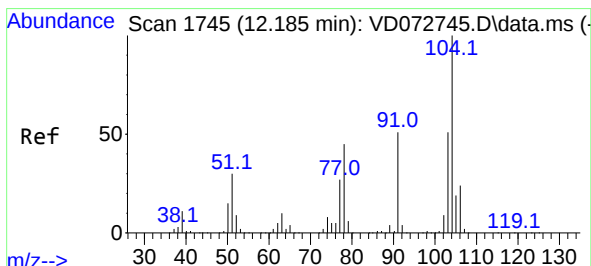
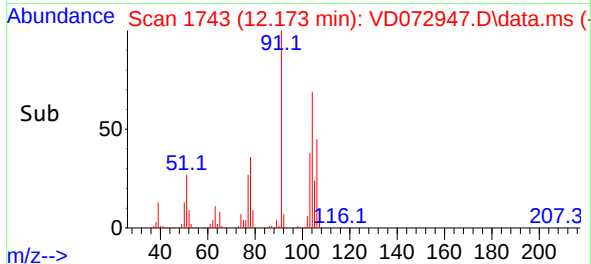
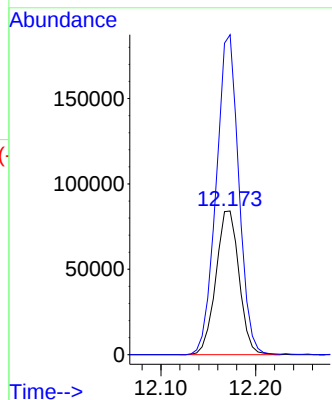
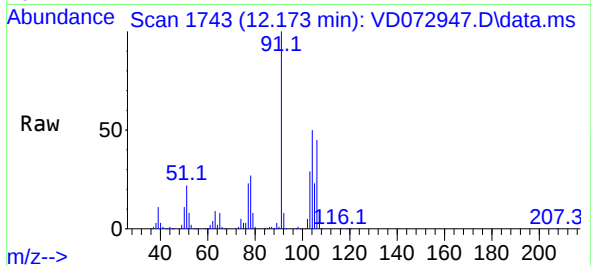
#69
o-Xylene
Concen: 19.519 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.006 min
Lab File: VD072947.D
Acq: 12 May 2022 14:57

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS01

Tgt Ion:106 Resp: 14320
Ion Ratio Lower Upper
106 100
91 217.4 110.4 331.2

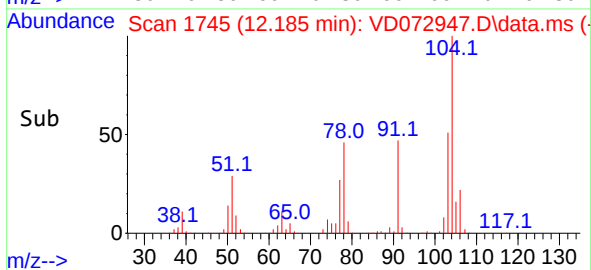
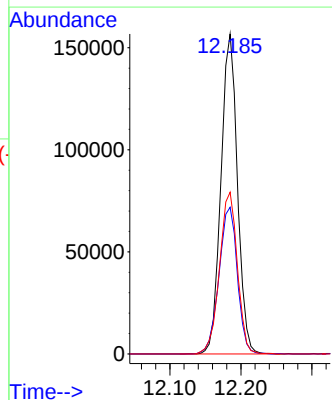
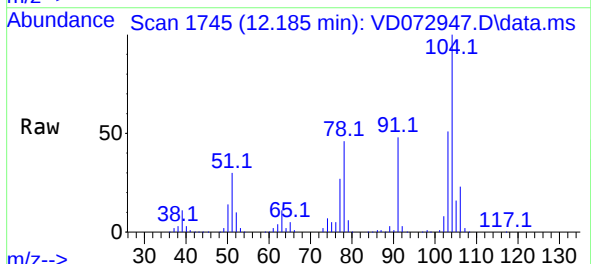
Manual Integrations
APPROVED

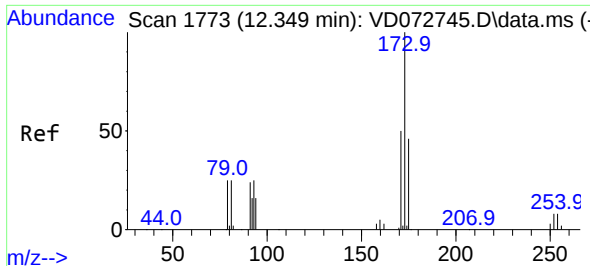
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#70
Styrene
Concen: 19.815 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD072947.D
Acq: 12 May 2022 14:57

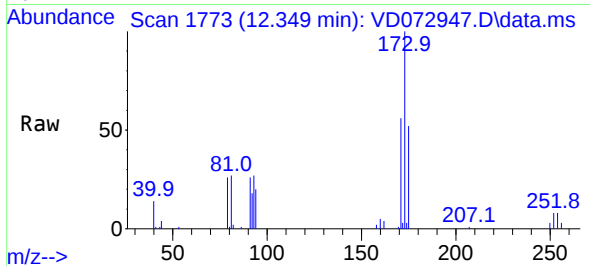
Tgt Ion:104 Resp: 251882
Ion Ratio Lower Upper
104 100
78 51.0 41.8 62.8
103 54.8 44.2 66.4





#71
Bromoform
Concen: 18.697 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VD072947.D
Acq: 12 May 2022 14:57

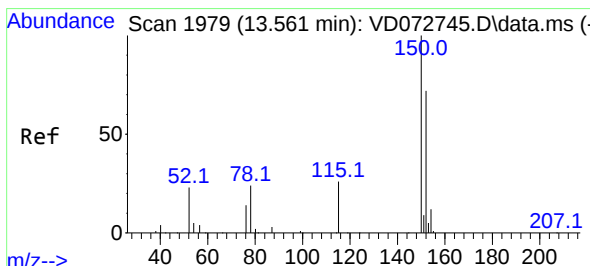
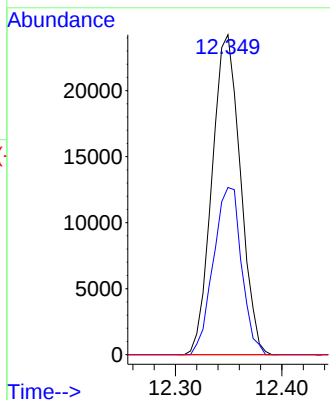
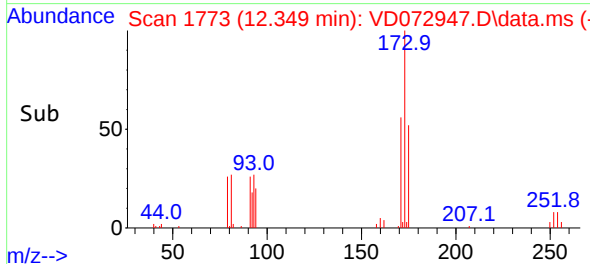
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS01



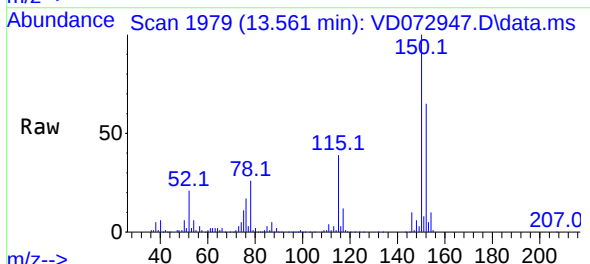
Tgt Ion:173 Resp: 44875
Ion Ratio Lower Upper
173 100
175 51.8 23.9 71.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

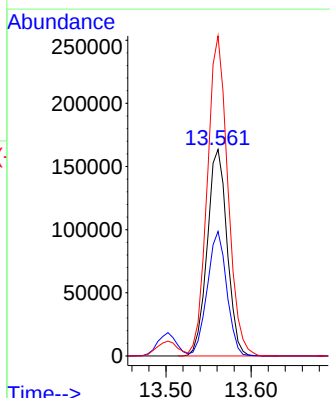
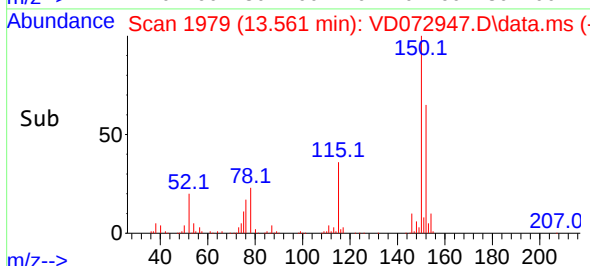
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

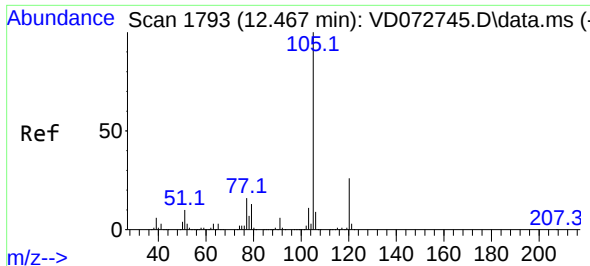


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072947.D
Acq: 12 May 2022 14:57



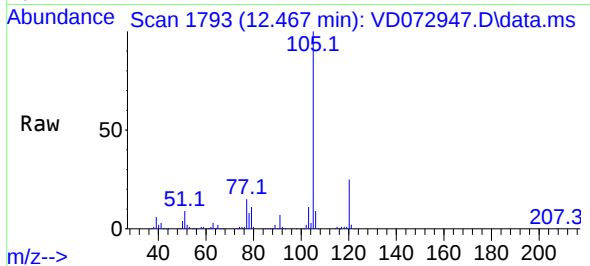
Tgt Ion:152 Resp: 265157
Ion Ratio Lower Upper
152 100
115 59.1 31.3 93.8
150 160.4 0.0 348.6





#73
Isopropylbenzene
Concen: 19.027 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD072947.D
Acq: 12 May 2022 14:57

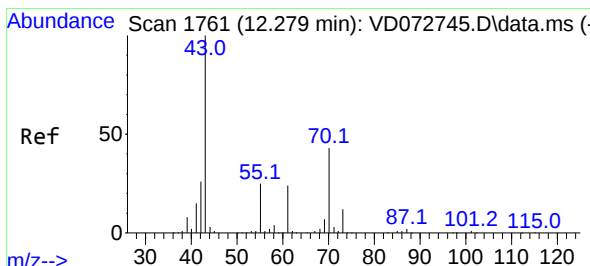
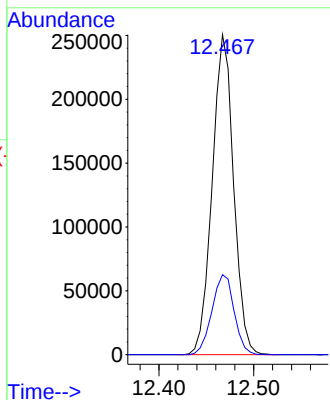
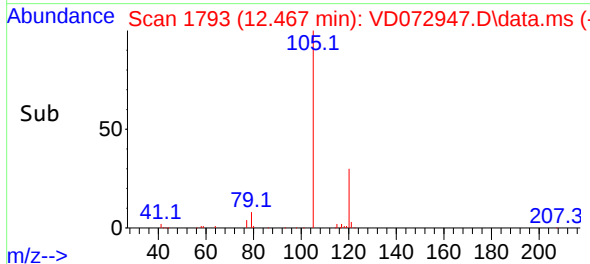
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS01



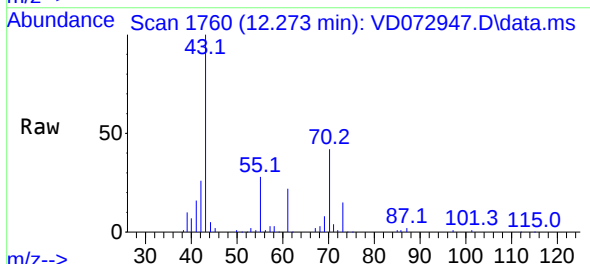
Tgt Ion:105 Resp: 392518
Ion Ratio Lower Upper
105 100
120 25.9 13.0 38.9

Manual Integrations
APPROVED

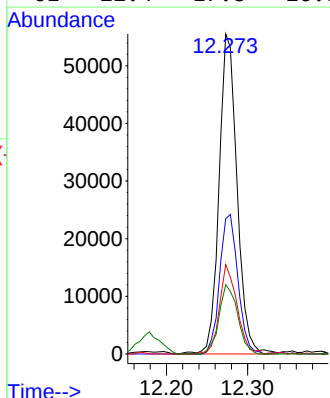
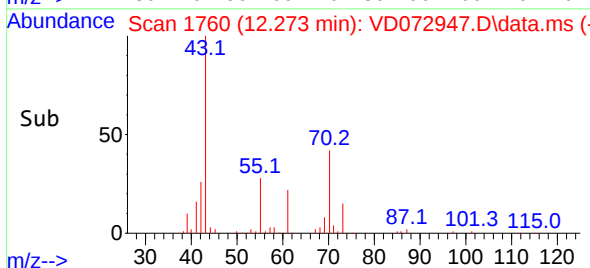
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

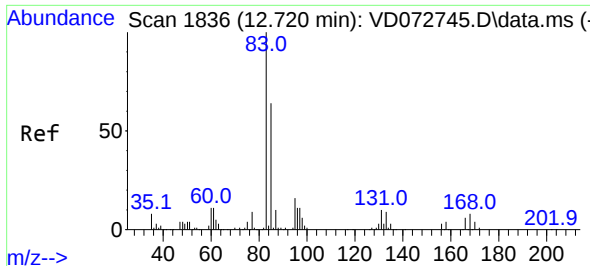


#74
N-ethyl acetate
Concen: 16.678 ug/l
RT: 12.273 min Scan# 1760
Delta R.T. -0.006 min
Lab File: VD072947.D
Acq: 12 May 2022 14:57



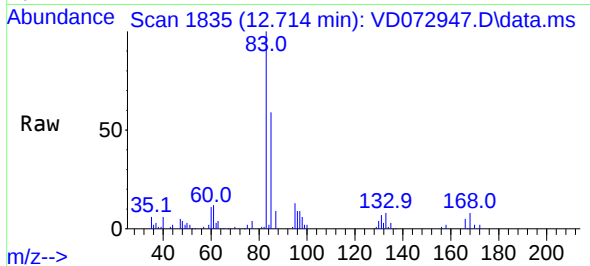
Tgt Ion: 43 Resp: 85683
Ion Ratio Lower Upper
43 100
70 44.1 31.3 46.9
55 27.2 20.0 30.0
61 22.4 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 17.655 ug/l
RT: 12.714 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VD072947.D
Acq: 12 May 2022 14:57

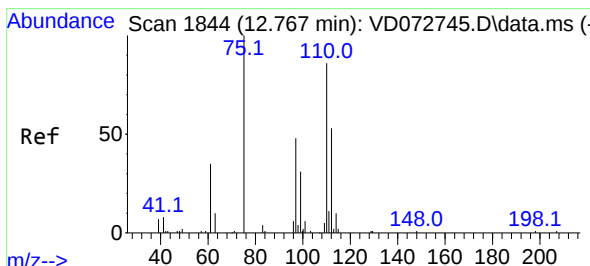
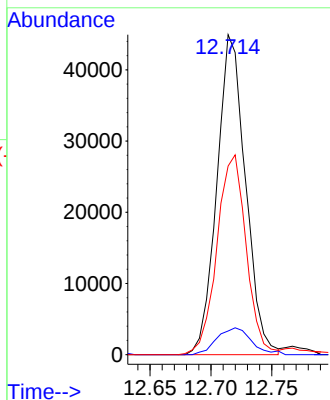
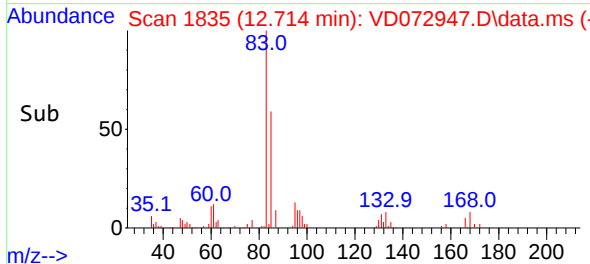
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS01



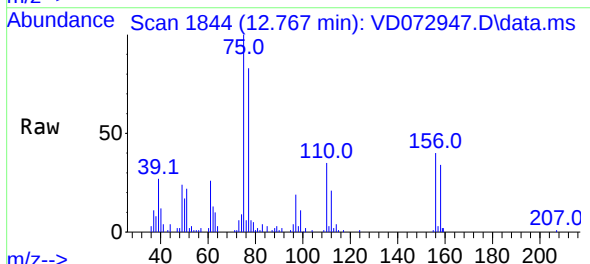
Tgt Ion: 83 Resp: 7352
Ion Ratio Lower Upper
83 100
131 10.1 5.0 14.9
85 63.8 32.6 98.0

Manual Integrations
APPROVED

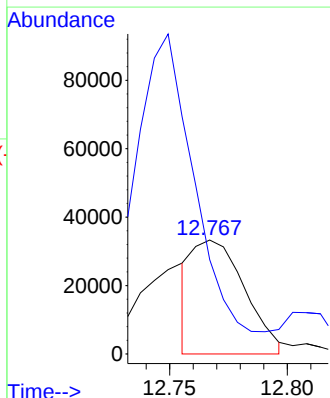
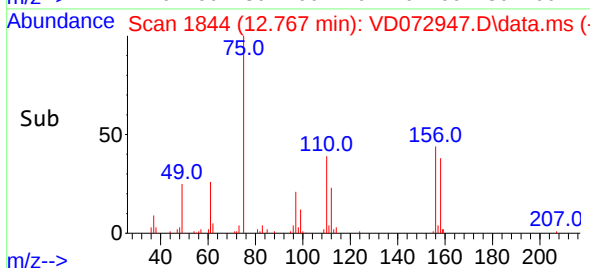
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

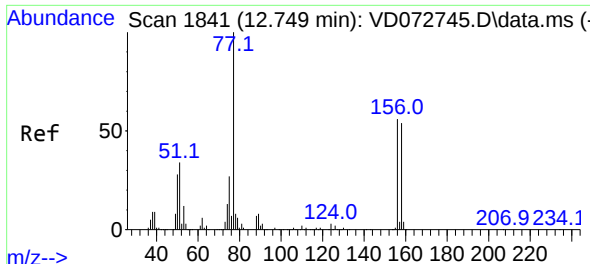


#76
1,2,3-Trichloropropane
Concen: 17.501 ug/l m
RT: 12.767 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VD072947.D
Acq: 12 May 2022 14:57



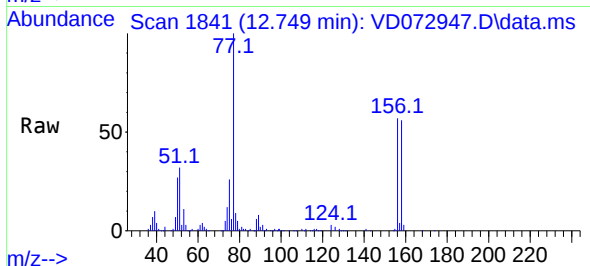
Tgt Ion: 75 Resp: 51746
Ion Ratio Lower Upper
75 100
77 335.7 0.0 0.0#





#77
Bromobenzene
Concen: 18.532 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD072947.D
Acq: 12 May 2022 14:57

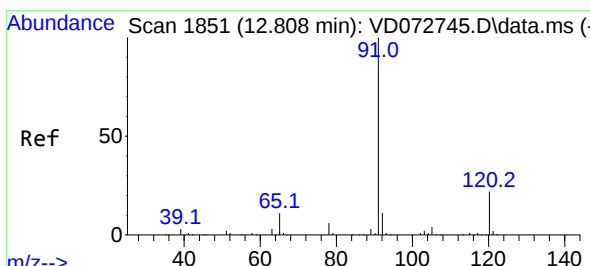
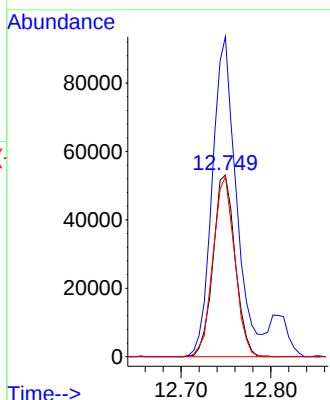
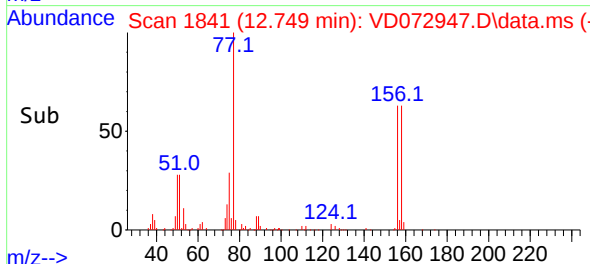
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS01



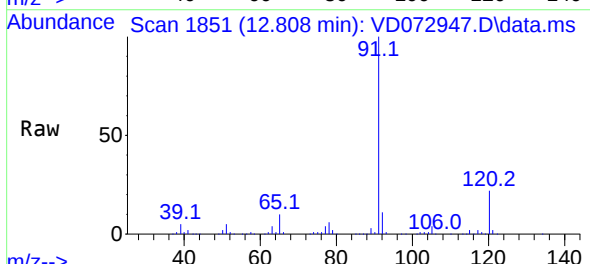
Tgt Ion:156 Resp: 9078
Ion Ratio Lower Upper
156 100
77 191.3 102.8 308.3
158 97.2 48.7 146.1

Manual Integrations
APPROVED

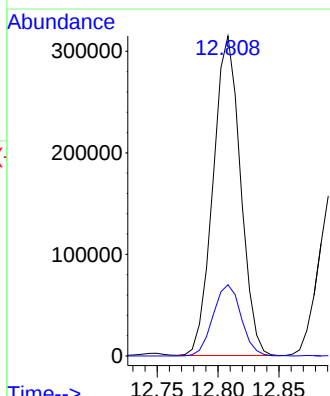
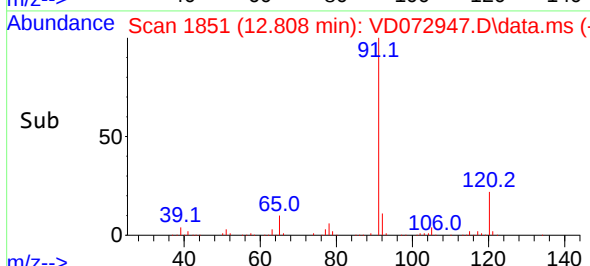
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

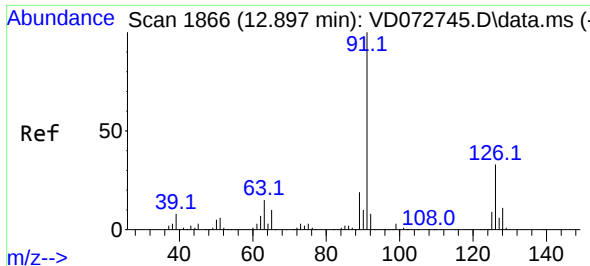


#78
n-propylbenzene
Concen: 18.949 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD072947.D
Acq: 12 May 2022 14:57



Tgt Ion: 91 Resp: 492698
Ion Ratio Lower Upper
91 100
120 22.8 10.9 32.9





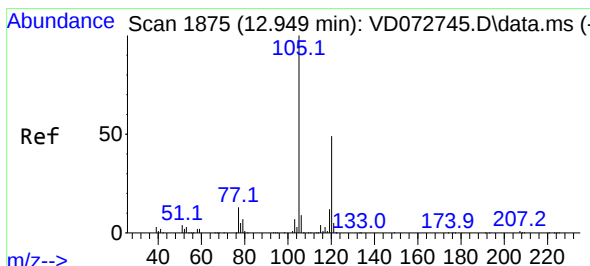
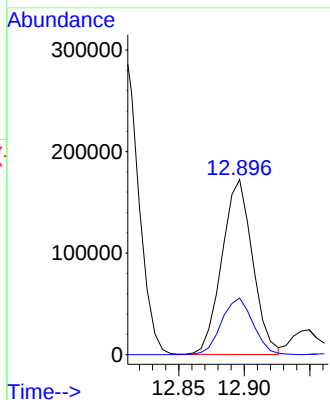
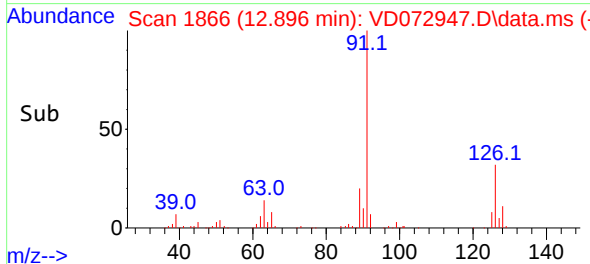
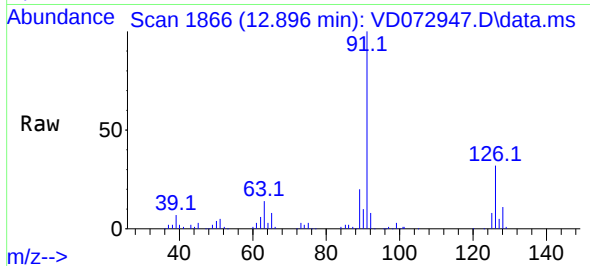
#79
2-Chlorotoluene
Concen: 18.444 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. -0.001 min
Lab File: VD072947.D
Acq: 12 May 2022 14:57

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS01

Tgt Ion: 91 Resp: 280133
Ion Ratio Lower Upper
91 100
126 33.3 16.2 48.6

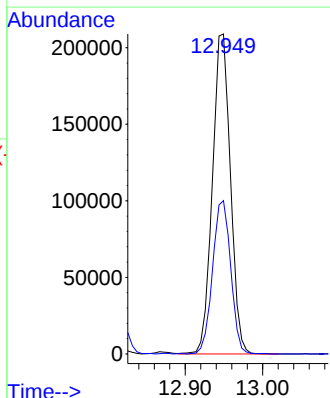
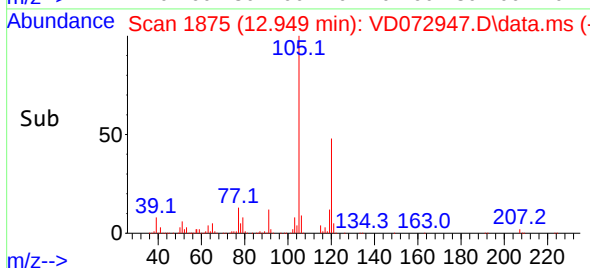
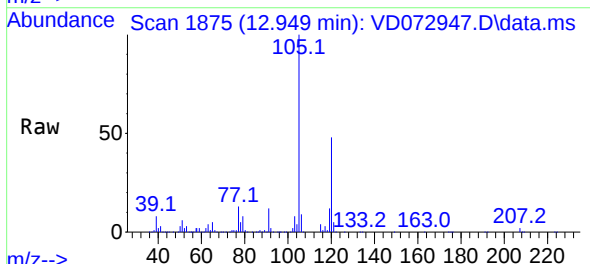
Manual Integrations
APPROVED

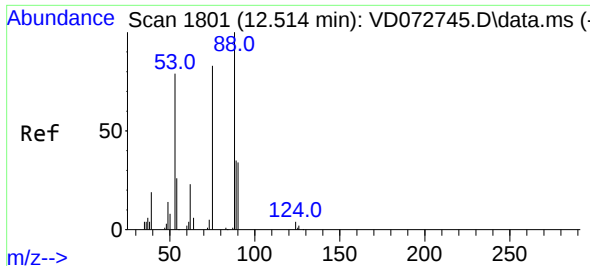
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#80
1,3,5-Trimethylbenzene
Concen: 19.335 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD072947.D
Acq: 12 May 2022 14:57

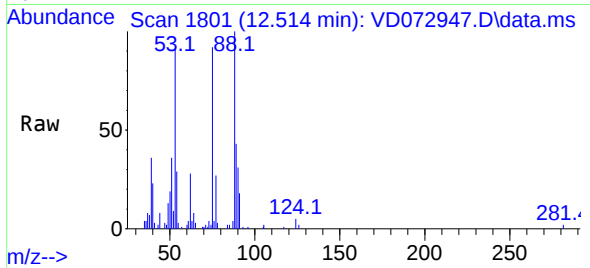
Tgt Ion:105 Resp: 338220
Ion Ratio Lower Upper
105 100
120 48.2 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 16.727 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD072947.D
Acq: 12 May 2022 14:57

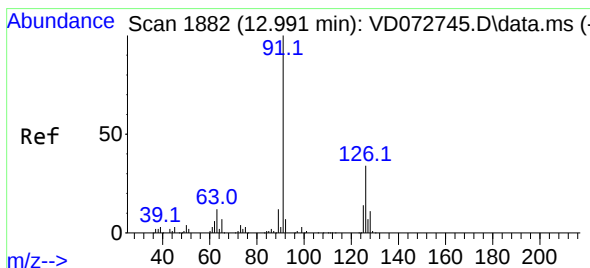
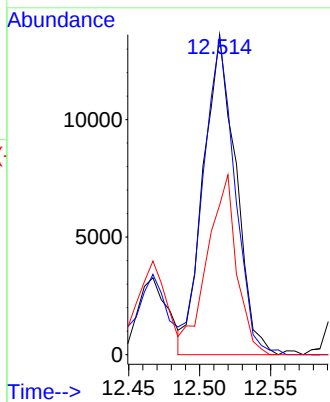
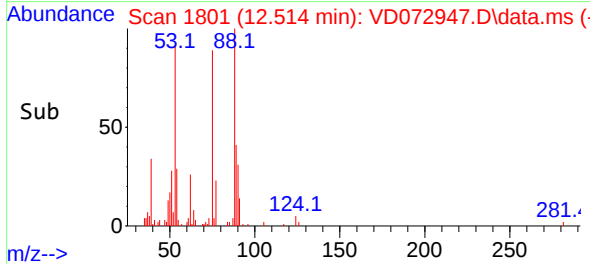
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS01



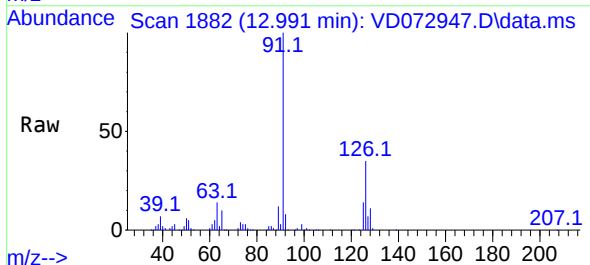
Tgt Ion: 75 Resp: 2150
Ion Ratio Lower Upper
75 100
53 96.9 86.5 129.7
89 51.2 33.9 50.9

Manual Integrations
APPROVED

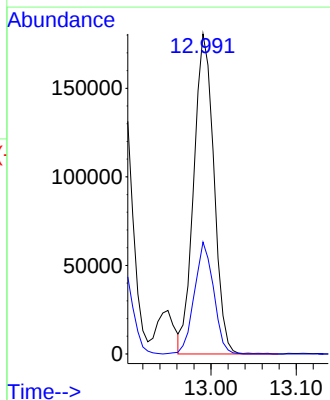
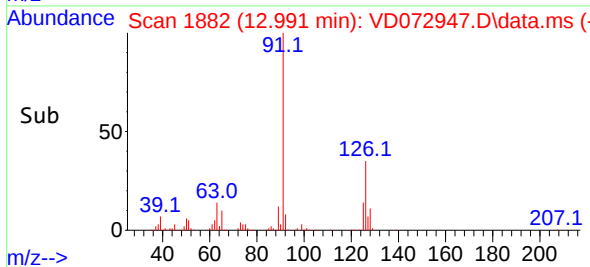
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

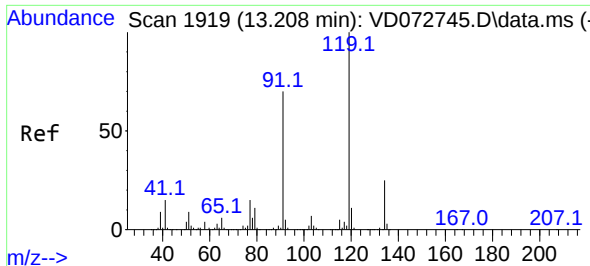


#82
4-Chlorotoluene
Concen: 18.610 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VD072947.D
Acq: 12 May 2022 14:57



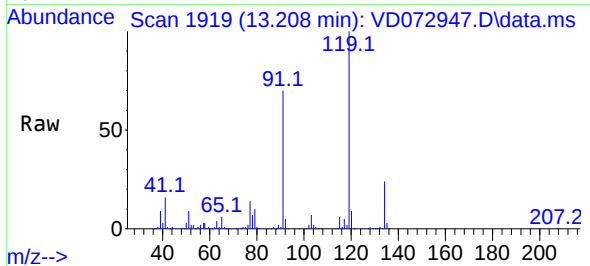
Tgt Ion: 91 Resp: 295337
Ion Ratio Lower Upper
91 100
126 33.5 16.5 49.5





#83
tert-Butylbenzene
Concen: 19.527 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD072947.D
Acq: 12 May 2022 14:57

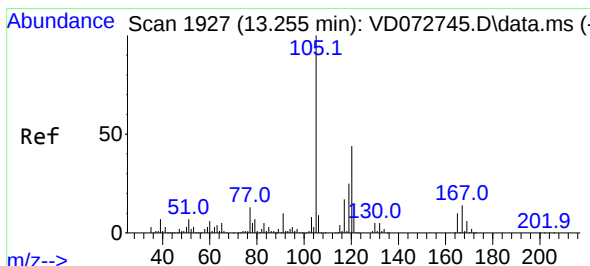
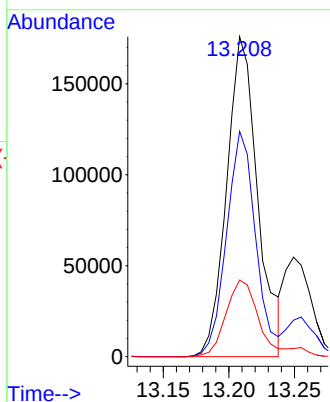
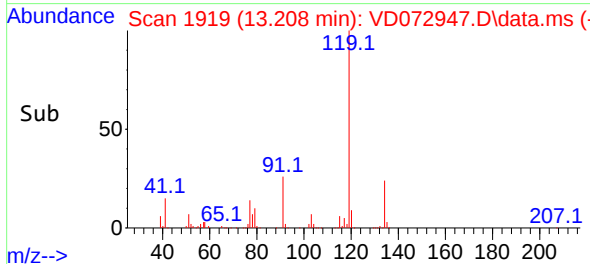
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS01



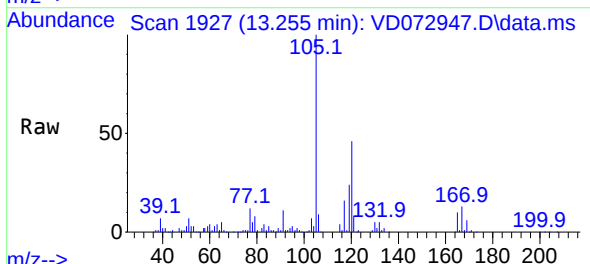
Tgt Ion:119 Resp: 290408
Ion Ratio Lower Upper
119 100
91 66.0 34.8 104.5
134 26.5 13.3 39.9

Manual Integrations
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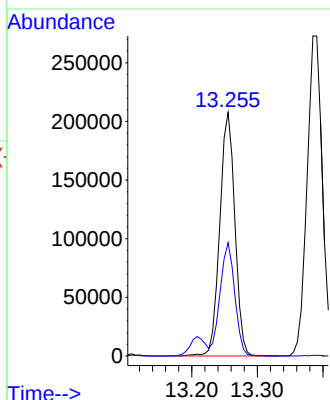
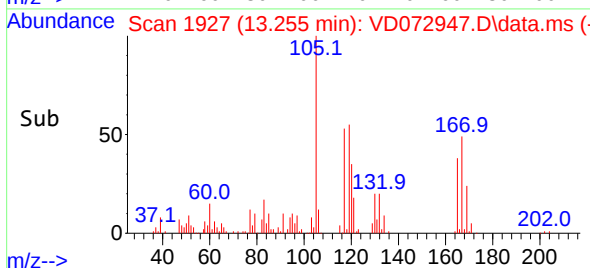
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

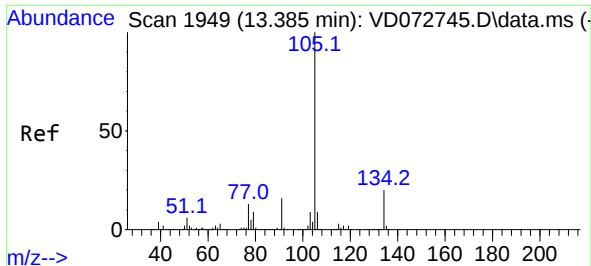


#84
1,2,4-Trimethylbenzene
Concen: 18.891 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD072947.D
Acq: 12 May 2022 14:57



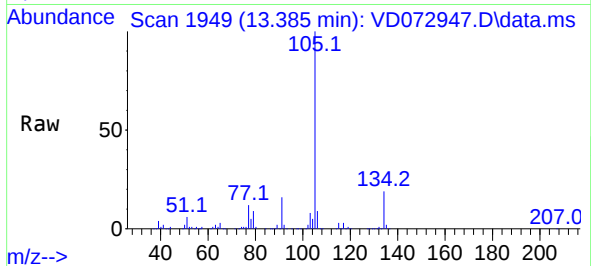
Tgt Ion:105 Resp: 330320
Ion Ratio Lower Upper
105 100
120 45.3 22.3 66.8





#85
 sec-Butylbenzene
 Concen: 19.701 ug/l
 RT: 13.385 min Scan# 1949
 Delta R.T. -0.000 min
 Lab File: VD072947.D
 Acq: 12 May 2022 14:57

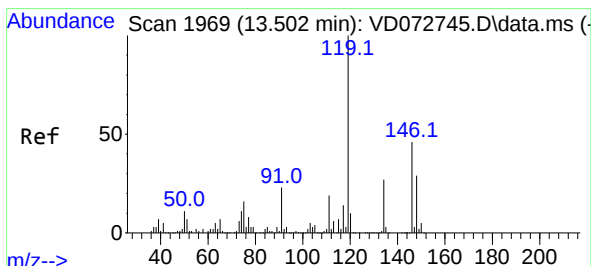
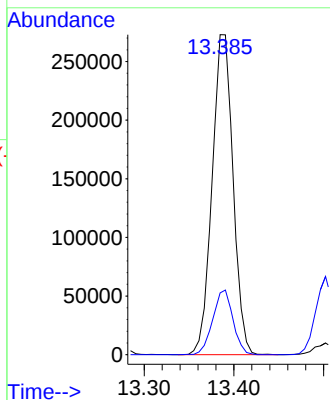
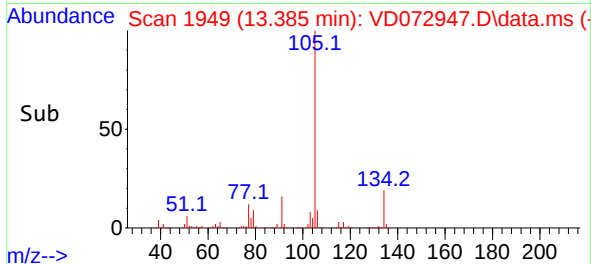
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0512SBS01



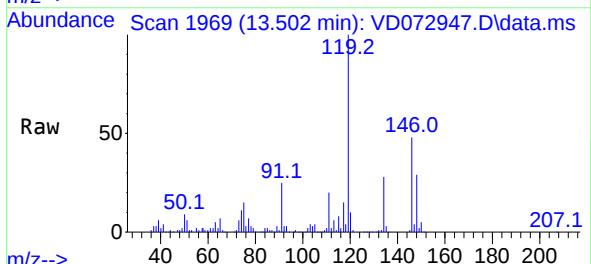
Tgt Ion:105 Resp: 441908
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.3

Manual Integrations
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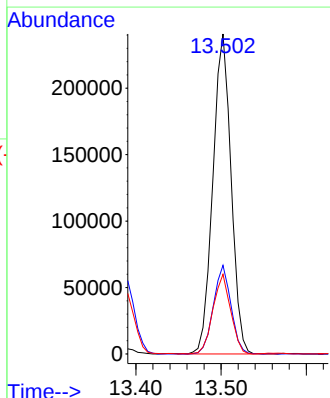
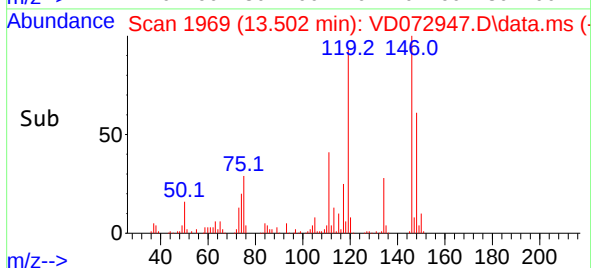
Reviewed By :John Carlone 05/13/2022
 Supervised By :Mahesh Dadoda 05/13/2022

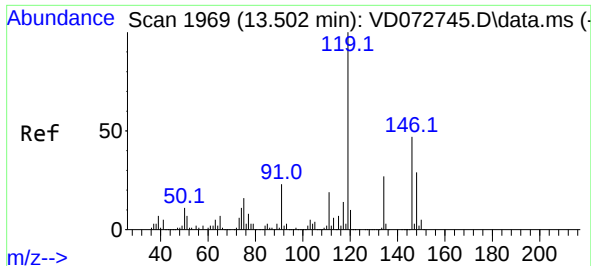


#86
 p-Isopropyltoluene
 Concen: 19.437 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD072947.D
 Acq: 12 May 2022 14:57



Tgt Ion:119 Resp: 357461
 Ion Ratio Lower Upper
 119 100
 134 26.7 12.9 38.6
 91 24.2 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 19.197 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD072947.D

Acq: 12 May 2022 14:57

Instrument :

MSVOA_D

ClientSampleId :

VD0512SBS01

Tgt Ion:146 Resp: 18945

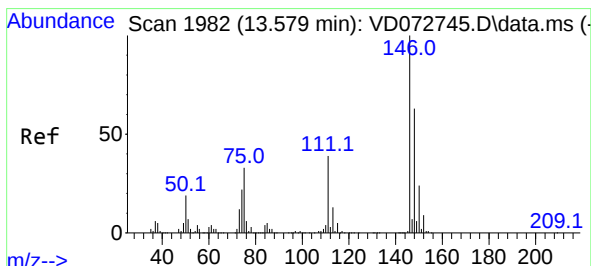
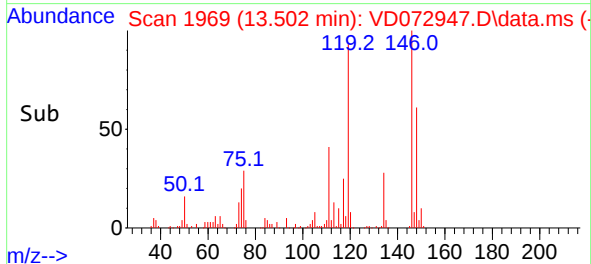
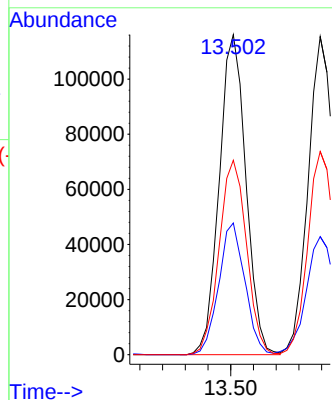
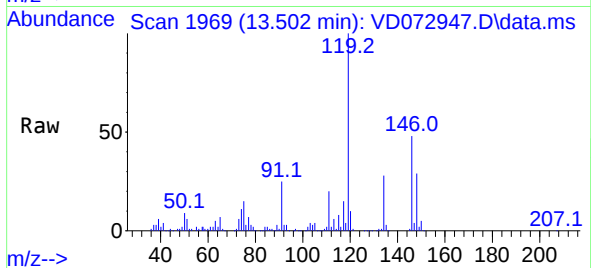
Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.4	61.3
148	62.6	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#88

1,4-Dichlorobenzene

Concen: 19.064 ug/l

RT: 13.579 min Scan# 1982

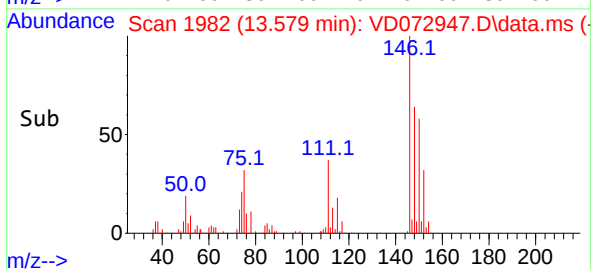
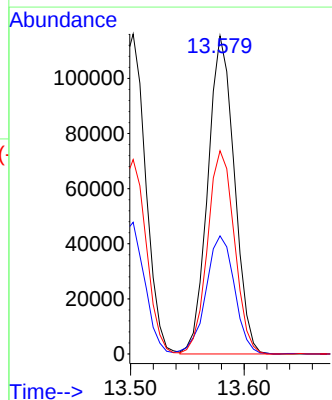
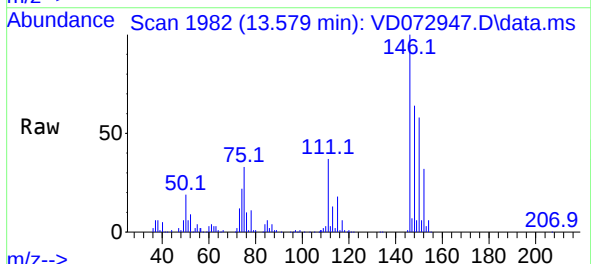
Delta R.T. -0.000 min

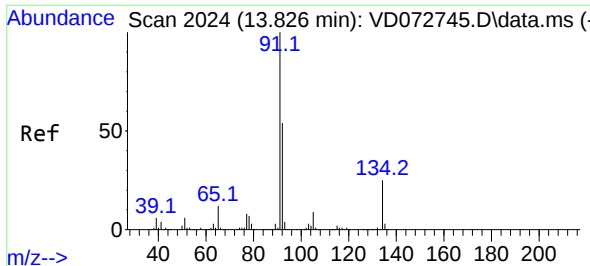
Lab File: VD072947.D

Acq: 12 May 2022 14:57

Tgt Ion:146 Resp: 187358

Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.3	60.9
148	64.9	31.7	95.1





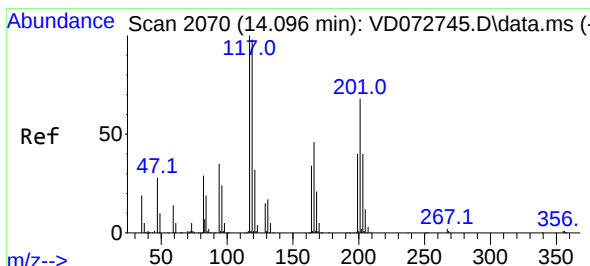
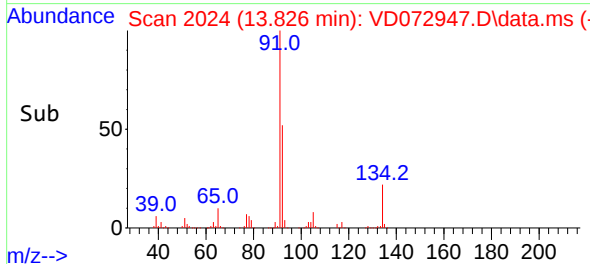
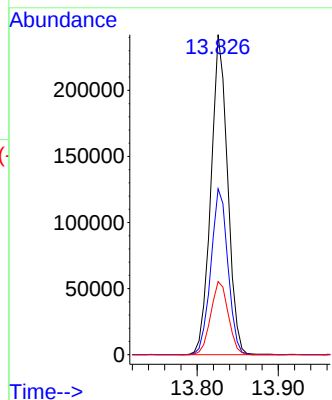
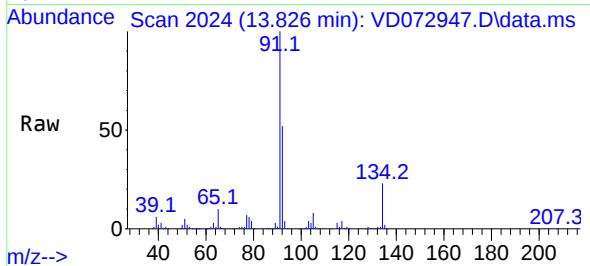
#89
n-Butylbenzene
Concen: 19.406 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. -0.000 min
Lab File: VD072947.D
Acq: 12 May 2022 14:57

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS01

Tgt Ion: 91 Resp: 345724
Ion Ratio Lower Upper
91 100
92 52.6 26.6 79.8
134 24.0 12.3 36.9

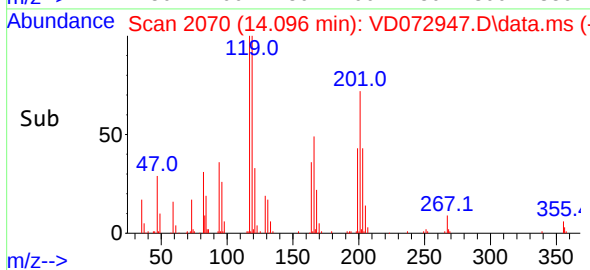
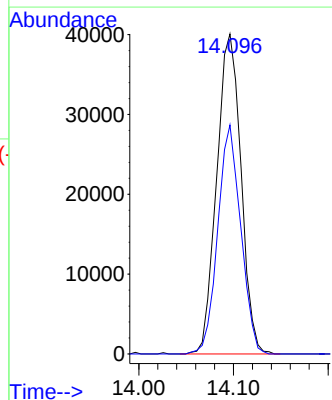
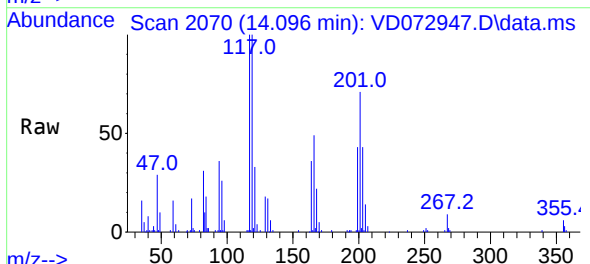
Manual Integrations
APPROVED

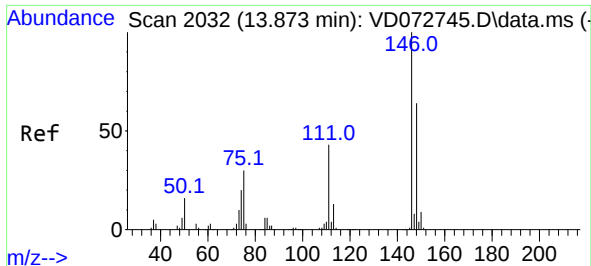
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#90
Hexachloroethane
Concen: 18.968 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD072947.D
Acq: 12 May 2022 14:57

Tgt Ion:117 Resp: 71461
Ion Ratio Lower Upper
117 100
201 67.7 33.4 100.2





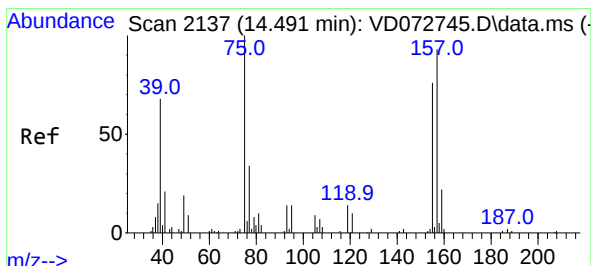
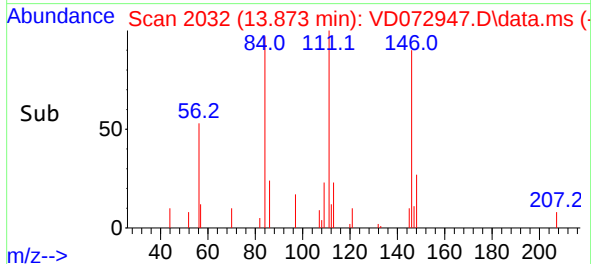
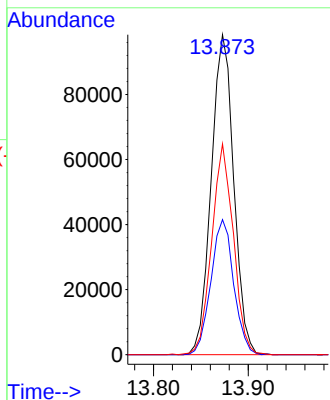
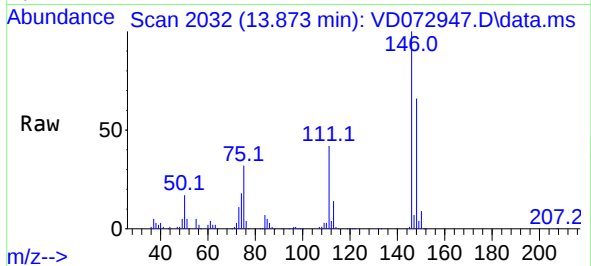
#91
1,2-Dichlorobenzene
Concen: 18.882 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD072947.D
Acq: 12 May 2022 14:57

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS01

Tgt Ion:146 Resp: 16239
Ion Ratio Lower Upper
146 100
111 42.9 21.1 63.3
148 63.6 31.7 95.1

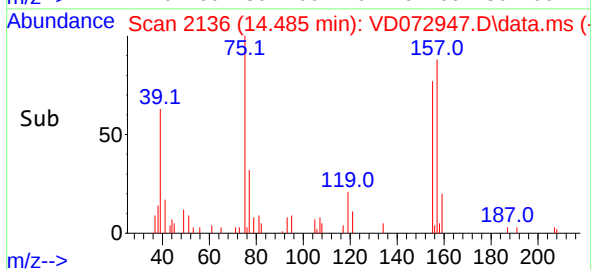
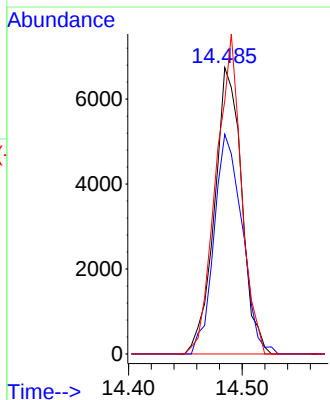
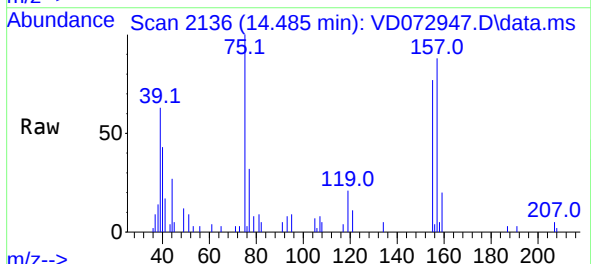
Manual Integrations
APPROVED

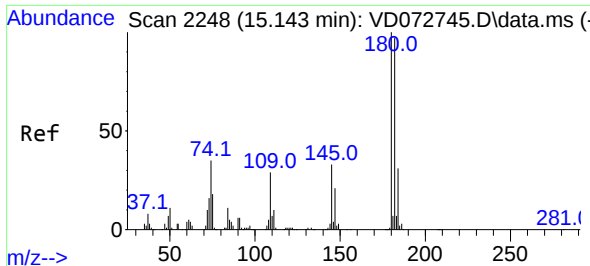
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.993 ug/l
RT: 14.485 min Scan# 2136
Delta R.T. -0.006 min
Lab File: VD072947.D
Acq: 12 May 2022 14:57

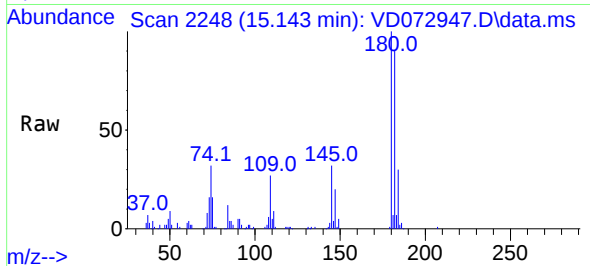
Tgt Ion: 75 Resp: 11218
Ion Ratio Lower Upper
75 100
155 79.6 36.8 110.3
157 104.2 48.4 145.0





#93
1,2,4-Trichlorobenzene
Concen: 18.739 ug/l
RT: 15.143 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD072947.D
Acq: 12 May 2022 14:57

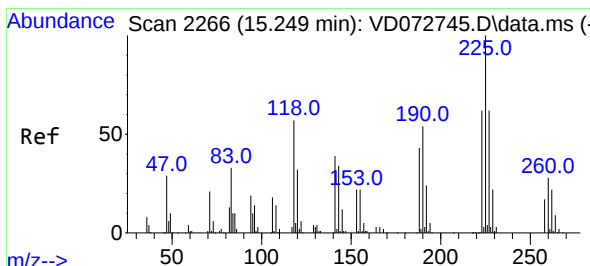
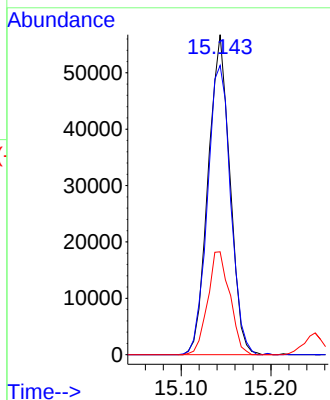
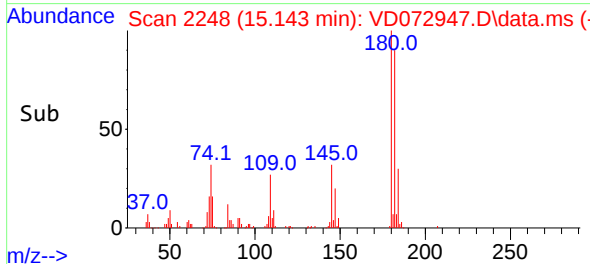
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS01



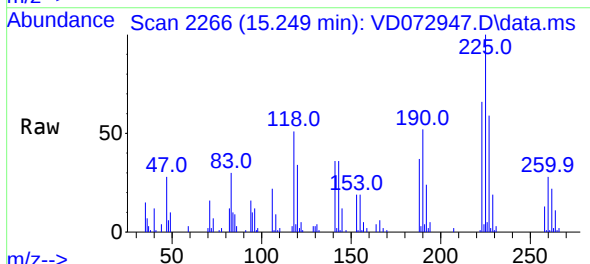
Tgt Ion:180 Resp: 9545
Ion Ratio Lower Upper
180 100
182 96.2 47.3 142.0
145 32.7 16.2 48.5

Manual Integrations
APPROVED

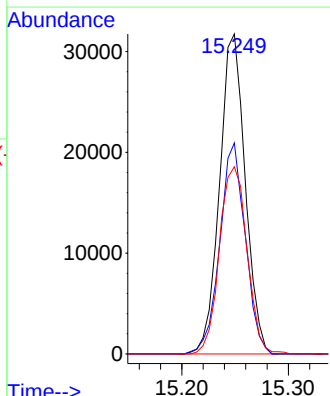
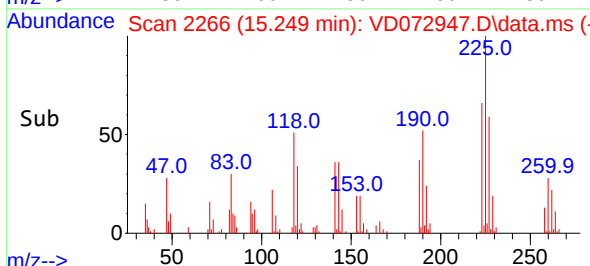
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

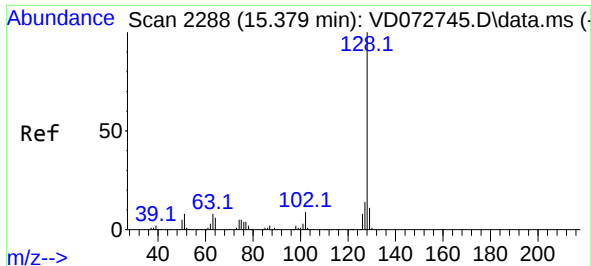


#94
Hexachlorobutadiene
Concen: 19.046 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. 0.000 min
Lab File: VD072947.D
Acq: 12 May 2022 14:57



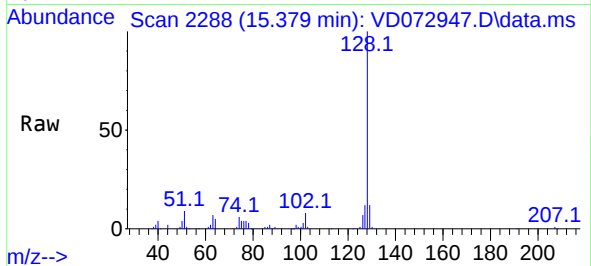
Tgt Ion:225 Resp: 52982
Ion Ratio Lower Upper
225 100
223 65.5 31.1 93.2
227 63.1 32.4 97.0





#95
Naphthalene
Concen: 17.064 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.000 min
Lab File: VD072947.D
Acq: 12 May 2022 14:57

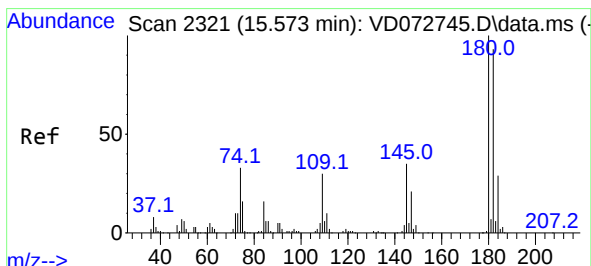
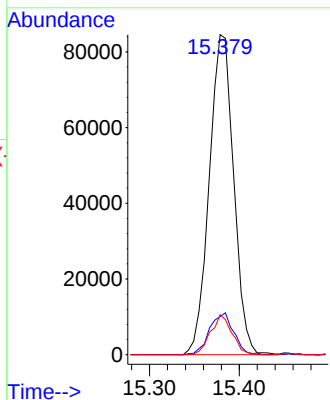
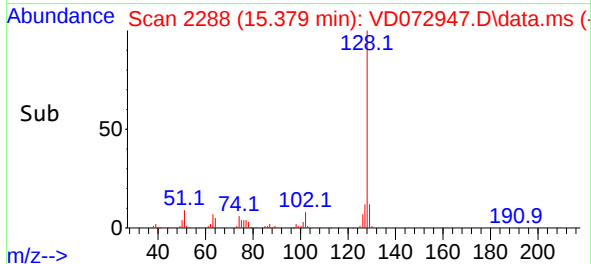
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS01



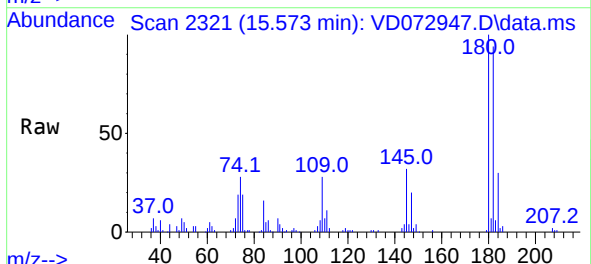
Tgt Ion:128 Resp: 159800
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#96
1,2,3-Trichlorobenzene
Concen: 17.951 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. -0.000 min
Lab File: VD072947.D
Acq: 12 May 2022 14:57



Tgt Ion:180 Resp: 81055
Ion Ratio Lower Upper
180 100
182 99.1 47.6 142.9
145 35.6 17.1 51.3

