

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052121\
 Data File : VV021373.D
 Acq On : 21 May 2021 21:01
 Operator : SY/MD
 Sample : M2494-19MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 22 01:41:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 21 12:12:53 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	272764	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	252672	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	139372	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	75235	4.24	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	84.80%	
7) Chloroethane-d5	1.564	69	64608	4.49	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	89.80%	
11) 1,1-Dichloroethene-d2	2.108	63	131147	4.40	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	88.00%	
20) 2-Butanone-d5	3.912	46	228184	47.99	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	95.98%	
24) Chloroform-d	4.352	84	169926	4.60	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.00%	
26) 1,2-Dichloroethane-d4	5.037	65	77499	4.47	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.40%	
32) Benzene-d6	5.053	84	336216	4.47	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.40%	
36) 1,2-Dichloropropane-d6	6.075	67	104689	4.54	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	90.80%	
41) Toluene-d8	7.320	98	312611	4.44	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.80%	
43) trans-1,3-Dichloroprop...	7.625	79	41764	4.28	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	85.60%	
46) 2-Hexanone-d5	8.091	63	169300	48.62	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	97.24%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	66341	4.72	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	94.40%	
66) 1,2-Dichlorobenzene-d4	11.625	152	127795	4.51	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	90.20%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	93308	4.55	ug/L	100
3) Chloromethane	1.240	50	88509	4.74	ug/L	96
5) Vinyl chloride	1.307	62	90460	4.81	ug/L	99
6) Bromomethane	1.519	94	59658	4.80	ug/L	96
8) Chloroethane	1.584	64	53750	4.82	ug/L	98
9) Trichlorofluoromethane	1.751	101	128564	4.69	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	71010	4.55	ug/L	95
12) 1,1-Dichloroethene	2.117	96	75074	4.99	ug/L	96
13) Acetone	2.204	43	118022	45.87	ug/L	98
14) Carbon disulfide	2.291	76	252097	4.78	ug/L	99
15) Methyl Acetate	2.449	43	27929	4.67	ug/L	97
16) Methylene chloride	2.506	84	86791	4.05	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	203536	4.69	ug/L	99
18) trans-1,2-Dichloroethene	2.760	96	89944	4.88	ug/L	98
19) 1,1-Dichloroethane	3.191	63	162825	5.03	ug/L	100
21) 2-Butanone	3.995	43	218038	47.67	ug/L	92
22) cis-1,2-Dichloroethene	3.915	96	96831	4.80	ug/L	96
23) Bromochloromethane	4.252	128	43296	4.81	ug/L	97
25) Chloroform	4.378	83	161637	4.74	ug/L	99

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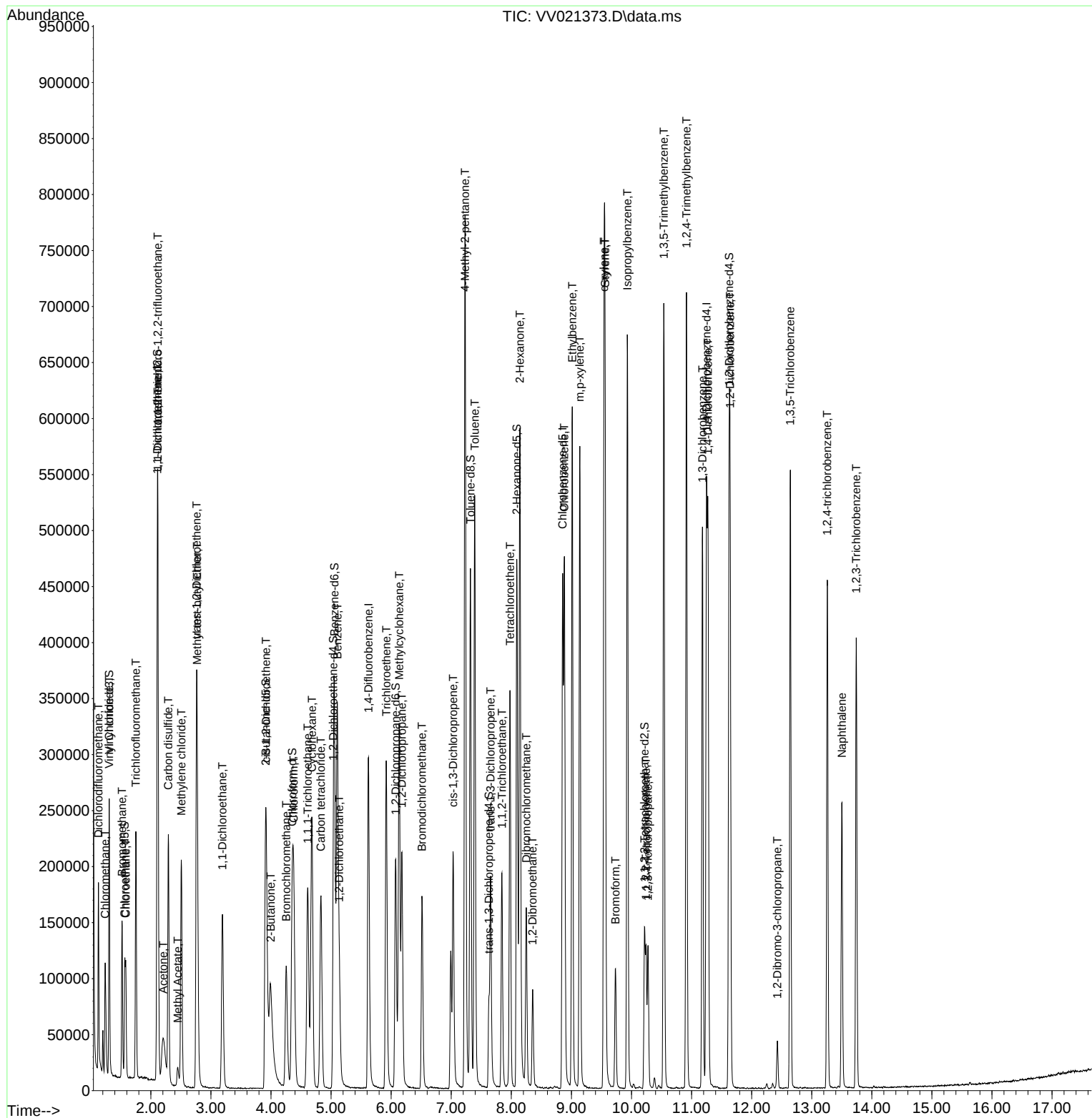
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	86525	4.61	ug/L	99
29) 1,1,1-Trichloroethane	4.612	97	153345	4.95	ug/L	98
30) Cyclohexane	4.680	56	144006	4.72	ug/L	98
31) Carbon tetrachloride	4.831	117	135131	4.88	ug/L	99
33) Benzene	5.104	78	353930	4.96	ug/L	100
34) Trichloroethene	5.918	95	103923	4.82	ug/L	99
35) Methylcyclohexane	6.133	83	145318	4.45	ug/L	99
37) 1,2-Dichloropropane	6.178	63	87504	4.98	ug/L	99
38) Bromodichloromethane	6.513	83	117768	4.91	ug/L	98
39) cis-1,3-Dichloropropene	7.030	75	135117	4.80	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	527174	47.65	ug/L	98
42) Toluene	7.390	91	392361	4.91	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	111148	4.67	ug/L	98
45) 1,1,2-Trichloroethane	7.844	97	61743	4.73	ug/L	98
47) Tetrachloroethene	7.979	164	85163	4.84	ug/L	96
48) 2-Hexanone	8.143	43	384779	47.98	ug/L	97
49) Dibromochloromethane	8.249	129	84576	4.81	ug/L	99
50) 1,2-Dibromoethane	8.355	107	60034	4.76	ug/L	98
51) Chlorobenzene	8.882	112	256228	4.87	ug/L	100
52) Ethylbenzene	9.014	91	435247	4.90	ug/L	100
53) m,p-xylene	9.140	106	167600	4.91	ug/L	98
54) o-xylene	9.545	106	164043	4.93	ug/L	99
55) Styrene	9.561	104	270749	4.85	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.242	83	58908	4.99	ug/L	98
59) Bromoform	9.734	173	51857	4.94	ug/L	98
60) Isopropylbenzene	9.931	105	449017	5.01	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	50813	4.91	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	381664	4.98	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	390701	4.98	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	215170	4.99	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	210786	4.89	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	197825	4.97	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	10354	5.01	ug/L	89
69) 1,3,5-Trichlorobenzene	12.644	180	181380	4.86	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	147264	5.02	ug/L	100
71) Naphthalene	13.503	128	205345	5.14	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	129756	5.03	ug/L	99

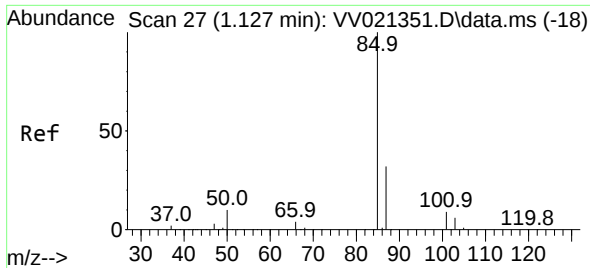
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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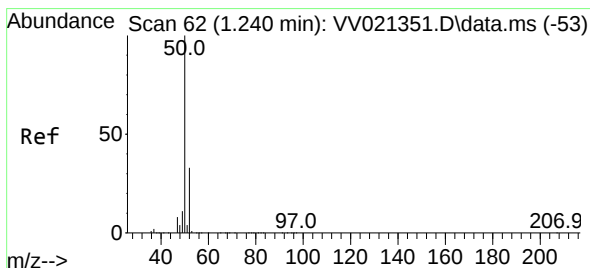
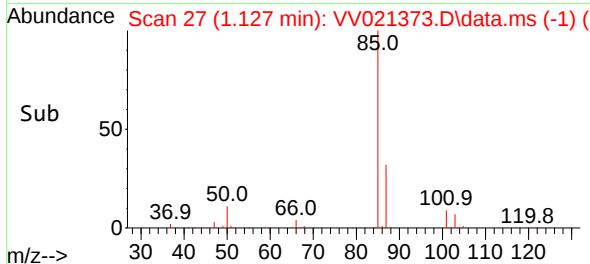
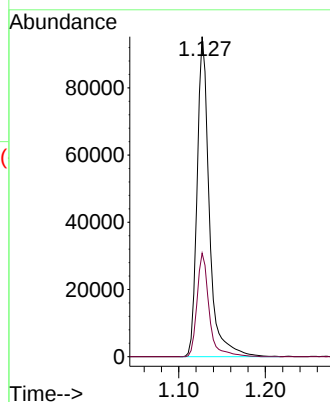
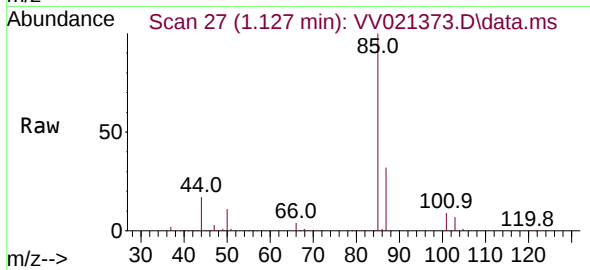




#2
 Dichlorodifluoromethane
 Concen: 4.55 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. -0.000 min
 Lab File: VV021373.D
 Acq: 21 May 2021 21:01

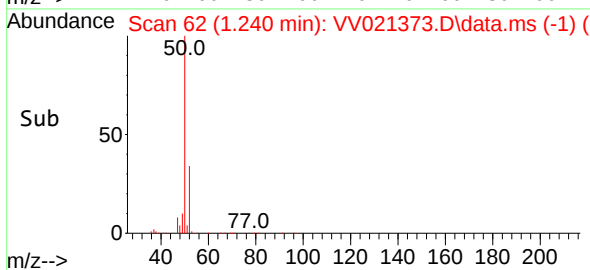
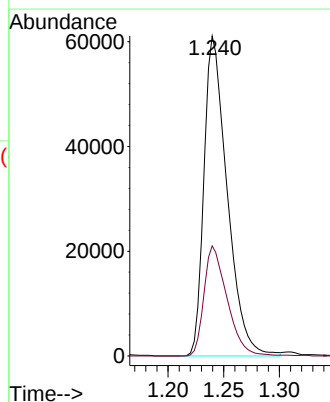
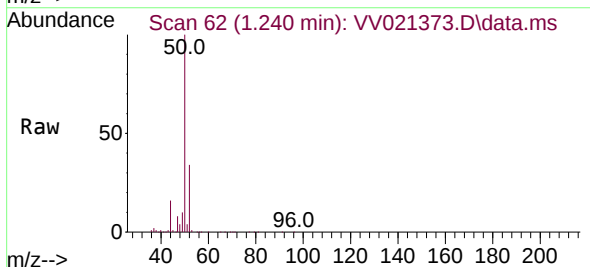
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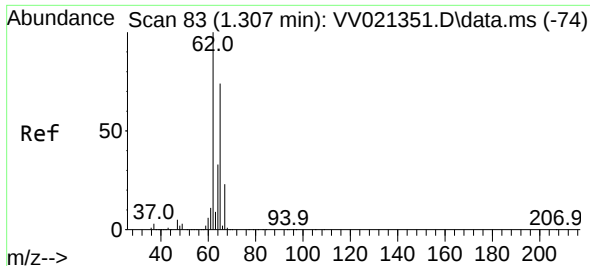
Tgt Ion: 85 Resp: 93308
 Ion Ratio Lower Upper
 85 100
 87 32.1 25.7 38.5



#3
 Chloromethane
 Concen: 4.74 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV021373.D
 Acq: 21 May 2021 21:01

Tgt Ion: 50 Resp: 88509
 Ion Ratio Lower Upper
 50 100
 52 34.4 22.5 41.9

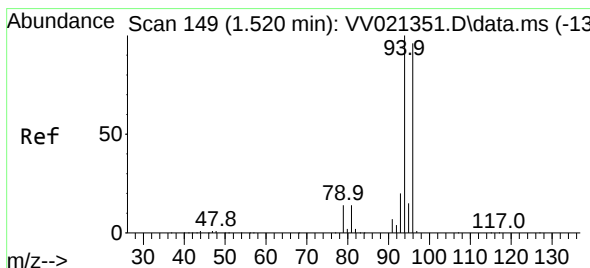
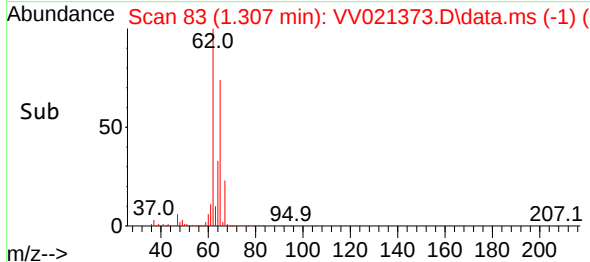
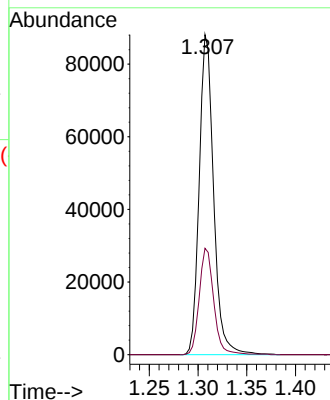
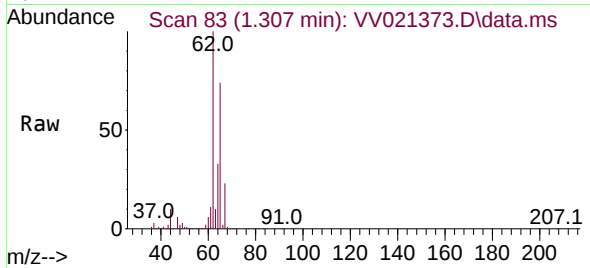




#5
 Vinyl chloride
 Concen: 4.81 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VV021373.D
 Acq: 21 May 2021 21:01

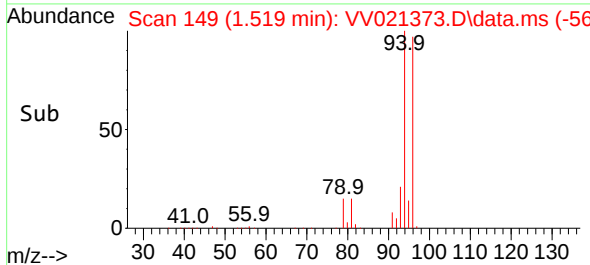
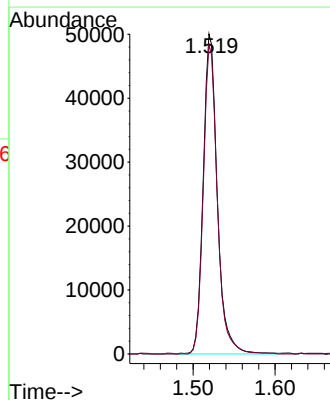
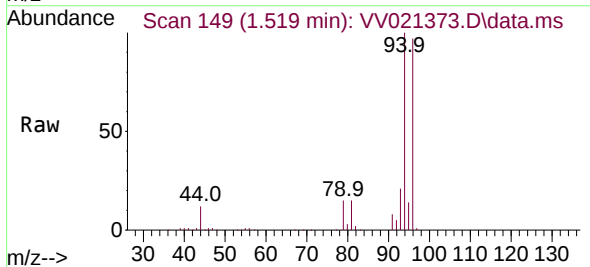
Instrument :
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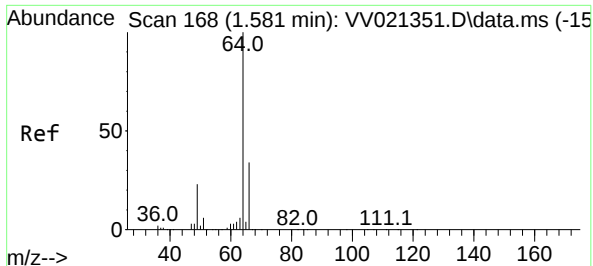
Tgt Ion: 62 Resp: 90460
 Ion Ratio Lower Upper
 62 100
 64 33.3 22.8 42.4



#6
 Bromomethane
 Concen: 4.80 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VV021373.D
 Acq: 21 May 2021 21:01

Tgt Ion: 94 Resp: 59658
 Ion Ratio Lower Upper
 94 100
 96 96.5 65.0 120.6

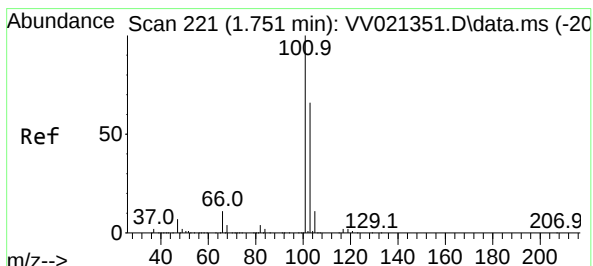
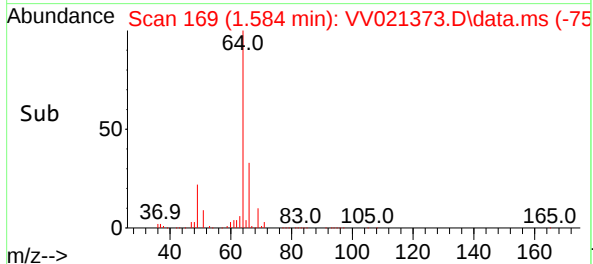
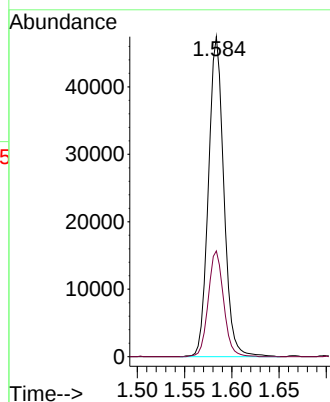
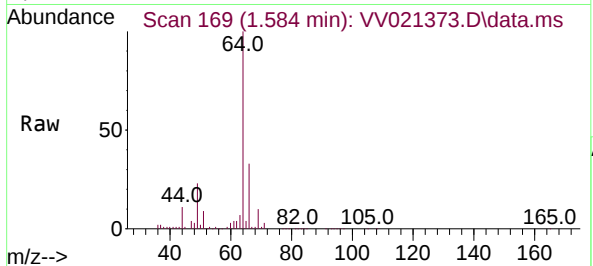




#8
Chloroethane
Concen: 4.82 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.003 min
Lab File: VV021373.D
Acq: 21 May 2021 21:01

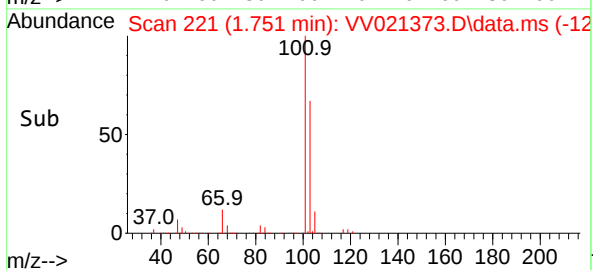
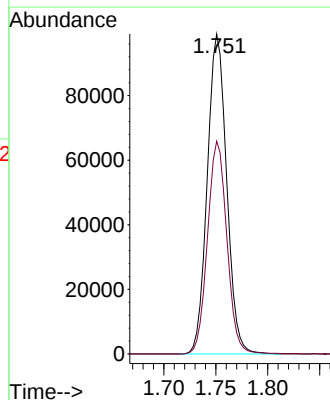
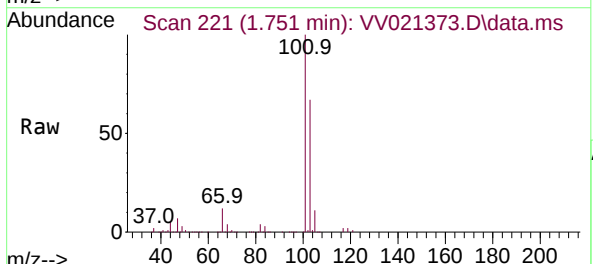
Instrument :
MSVOA_V
ClientSampled :

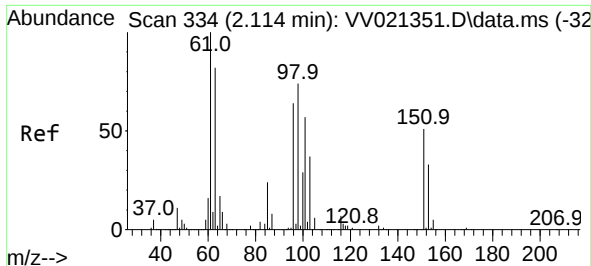
Tgt Ion: 64 Resp: 53750
Ion Ratio Lower Upper
64 100
66 33.0 22.3 41.5



#9
Trichlorofluoromethane
Concen: 4.69 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.000 min
Lab File: VV021373.D
Acq: 21 May 2021 21:01

Tgt Ion:101 Resp: 128564
Ion Ratio Lower Upper
101 100
103 66.5 51.9 77.9

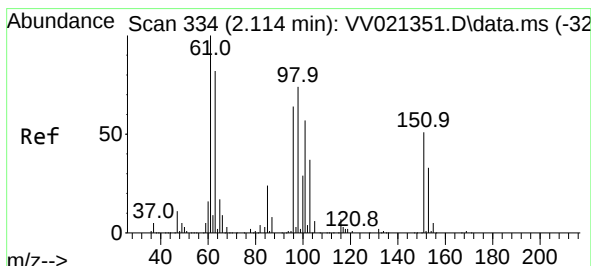
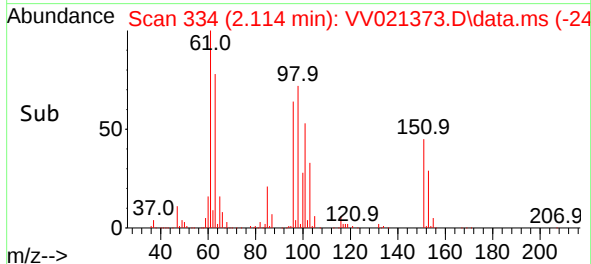
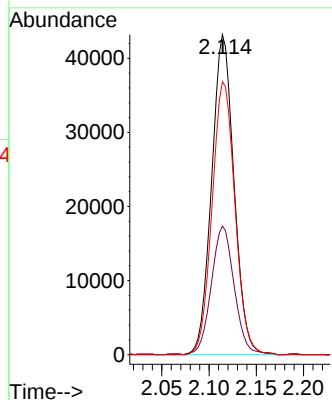
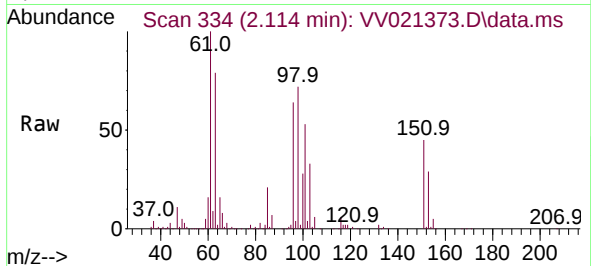




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.55 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.000 min
 Lab File: VV021373.D
 Acq: 21 May 2021 21:01

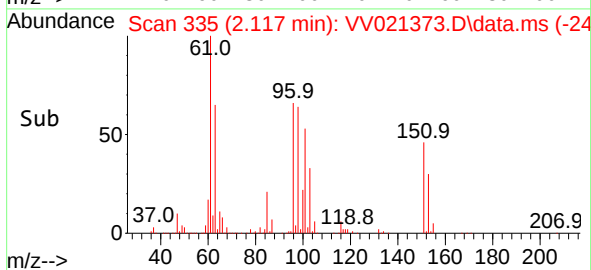
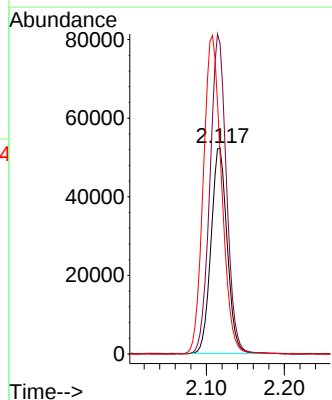
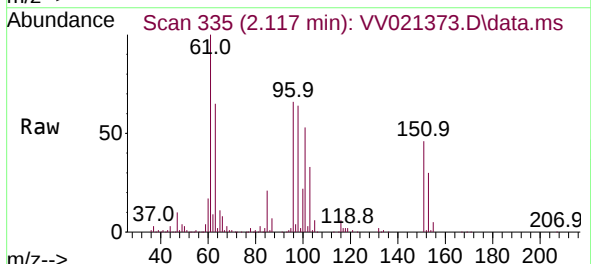
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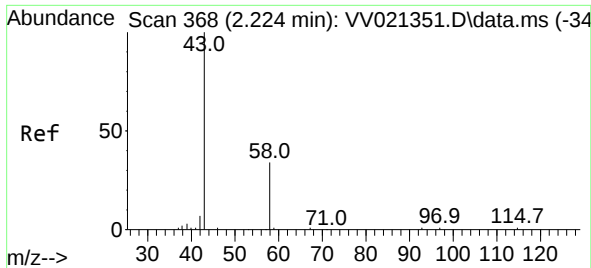
Tgt Ion:101 Resp: 71010
 Ion Ratio Lower Upper
 101 100
 85 41.1 33.0 49.6
 151 87.3 64.2 96.2



#12
 1,1-Dichloroethene
 Concen: 4.99 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. 0.003 min
 Lab File: VV021373.D
 Acq: 21 May 2021 21:01

Tgt Ion: 96 Resp: 75074
 Ion Ratio Lower Upper
 96 100
 61 150.6 109.8 204.0
 63 97.8 71.3 132.3

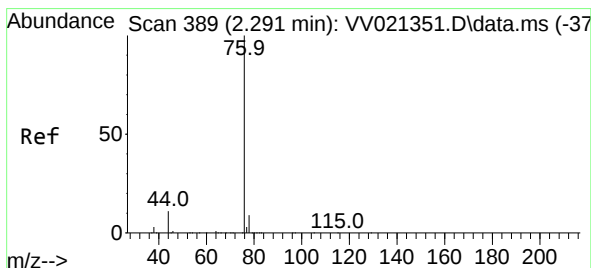
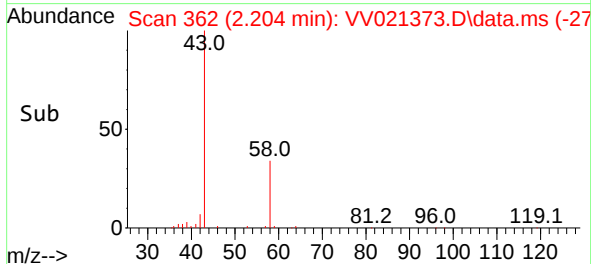
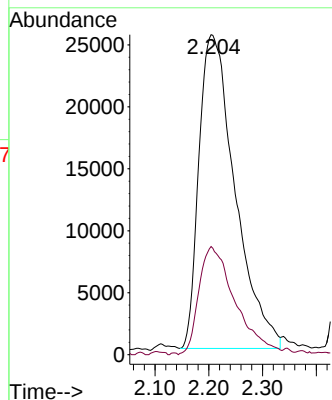
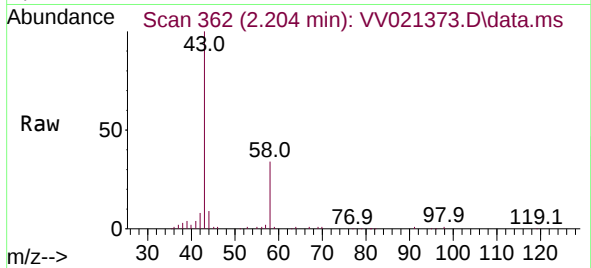




#13
Acetone
Concen: 45.87 ug/L
RT: 2.204 min Scan# 362
Delta R.T. -0.020 min
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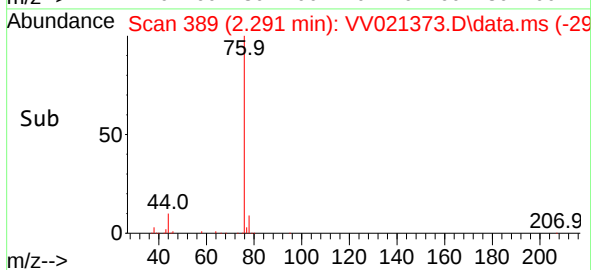
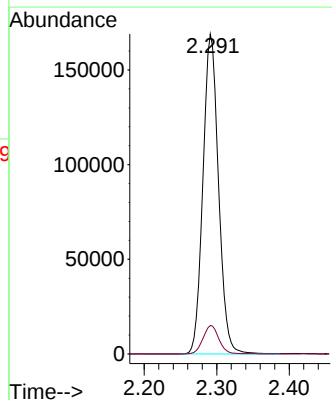
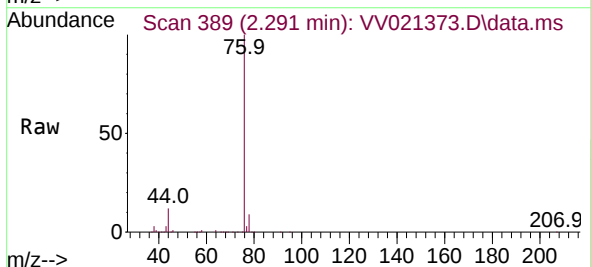
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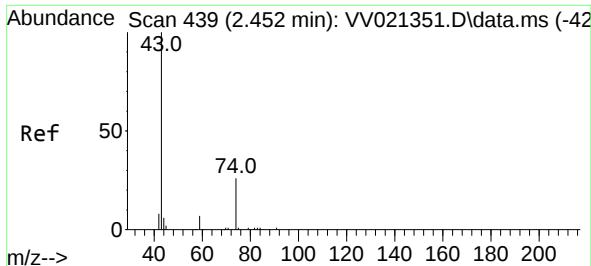
Tgt Ion: 43 Resp: 118022
Ion Ratio Lower Upper
43 100
58 34.7 0.0 67.4



#14
Carbon disulfide
Concen: 4.78 ug/L
RT: 2.291 min Scan# 389
Delta R.T. -0.000 min
Lab File: VV021373.D
Acq: 21 May 2021 21:01

Tgt Ion: 76 Resp: 252097
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3

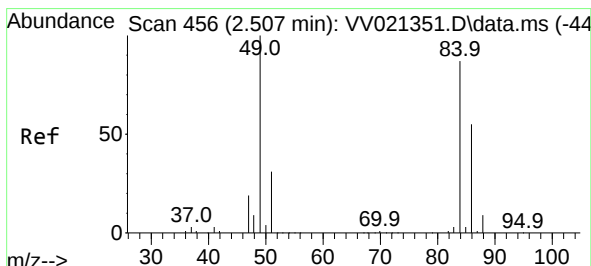
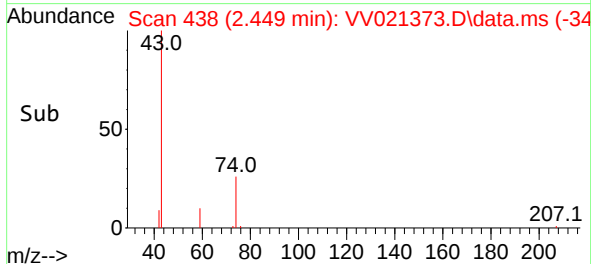
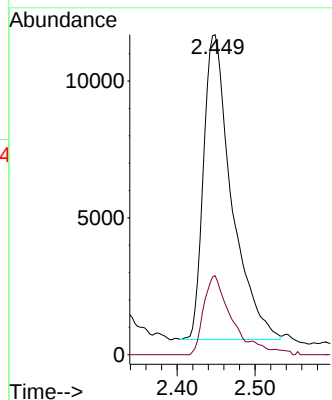
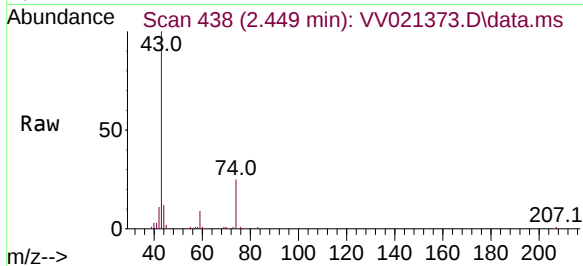




#15
Methyl Acetate
Concen: 4.67 ug/L
RT: 2.449 min Scan# 438
Delta R.T. -0.003 min
Lab File: VV021373.D
Acq: 21 May 2021 21:01

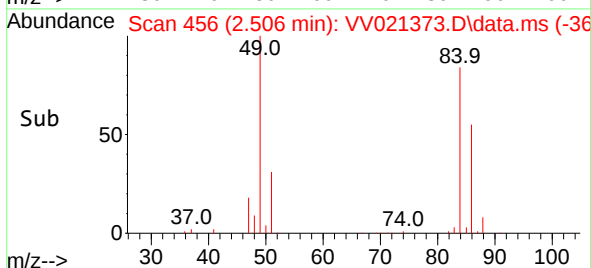
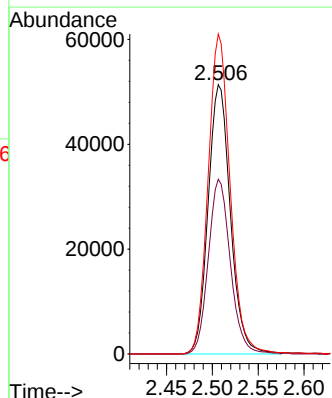
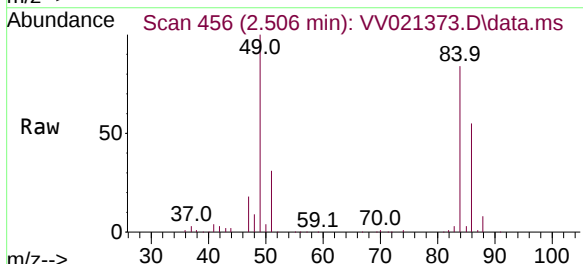
Instrument :
MSVOA_V
ClientSampled :

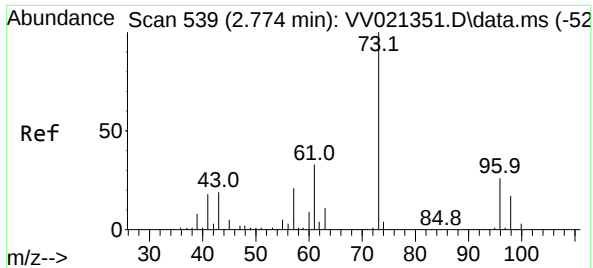
Tgt Ion: 43 Resp: 27929
Ion Ratio Lower Upper
43 100
74 23.4 20.1 30.1



#16
Methylene chloride
Concen: 4.05 ug/L
RT: 2.506 min Scan# 456
Delta R.T. -0.000 min
Lab File: VV021373.D
Acq: 21 May 2021 21:01

Tgt Ion: 84 Resp: 86791
Ion Ratio Lower Upper
84 100
86 64.9 47.2 87.6
49 118.8 81.9 152.1

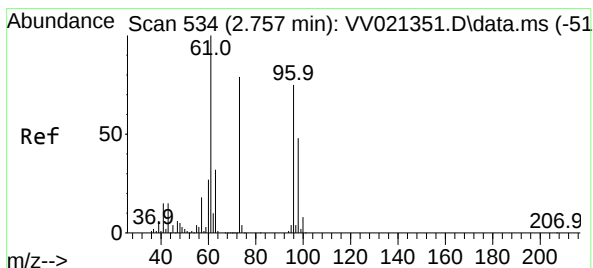
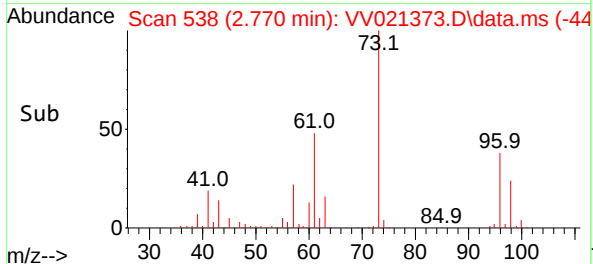
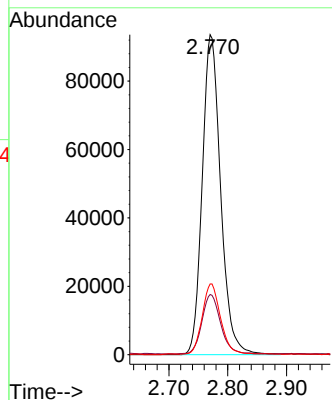
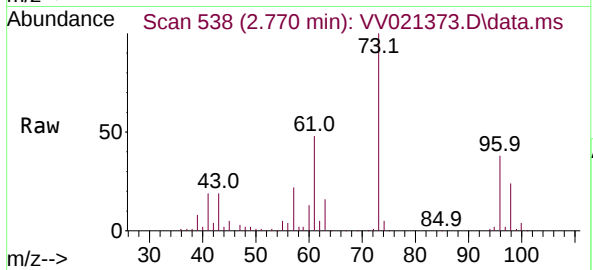




#17
Methyl tert-butyl Ether
Concen: 4.69 ug/L
RT: 2.770 min Scan# 538
Delta R.T. -0.003 min
Lab File: VV021373.D
Acq: 21 May 2021 21:01

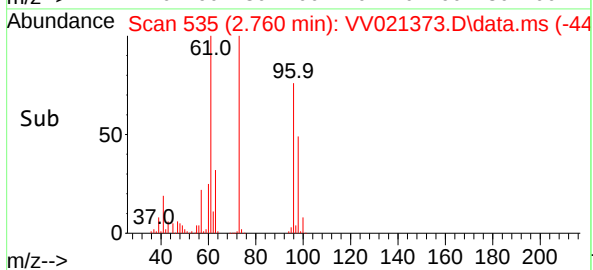
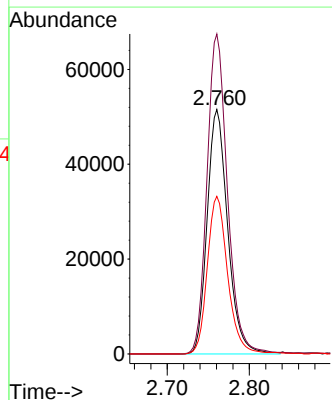
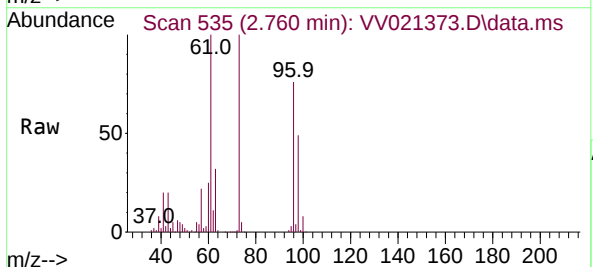
Instrument :
MSVOA_V
ClientSampleId :

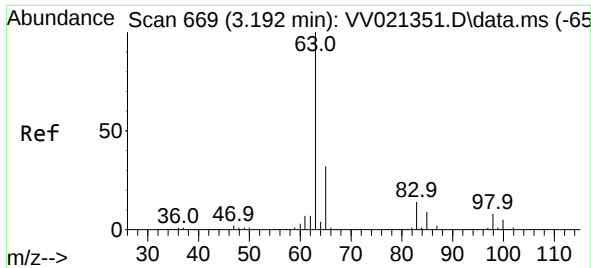
Tgt Ion: 73 Resp: 203536
Ion Ratio Lower Upper
73 100
43 18.8 15.3 22.9
57 21.7 17.0 25.6



#18
trans-1,2-Dichloroethene
Concen: 4.88 ug/L
RT: 2.760 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV021373.D
Acq: 21 May 2021 21:01

Tgt Ion: 96 Resp: 89944
Ion Ratio Lower Upper
96 100
61 130.9 94.1 174.8
98 64.5 45.0 83.6





#19

1,1-Dichloroethane

Concen: 5.03 ug/L

RT: 3.191 min Scan# 669

Delta R.T. -0.000 min

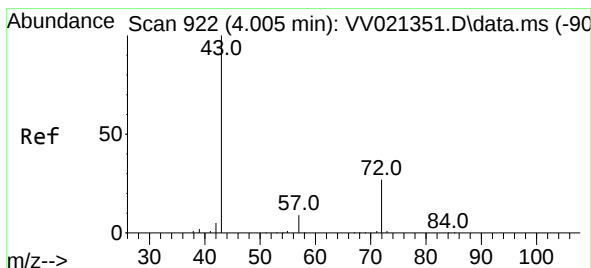
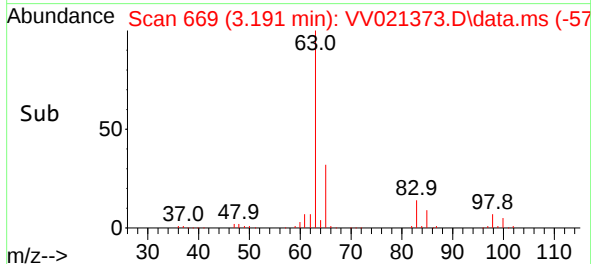
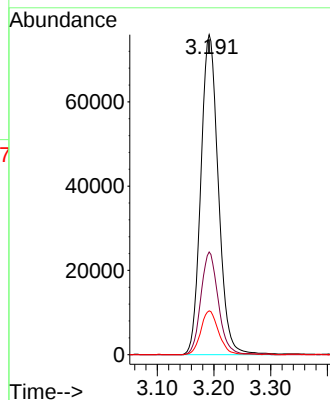
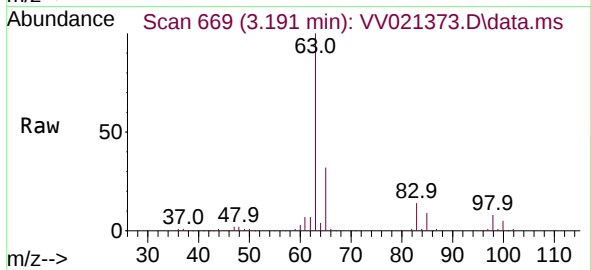
Lab File: VV021373.D

Acq: 21 May 2021 21:01

Tgt Ion: 63 Resp: 162825

Ion	Ratio	Lower	Upper
63	100		
65	32.1	22.3	41.5
83	13.7	9.7	17.9

Instrument :
MSVOA_V
ClientSampleId :



#21

2-Butanone

Concen: 47.67 ug/L

RT: 3.995 min Scan# 919

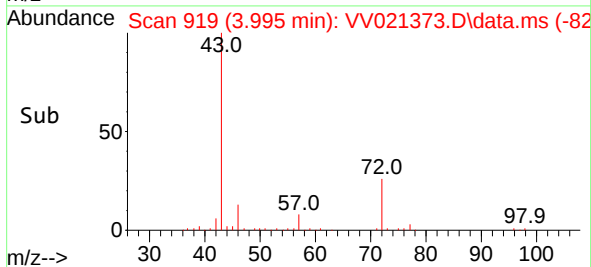
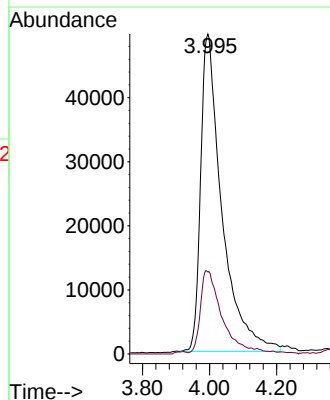
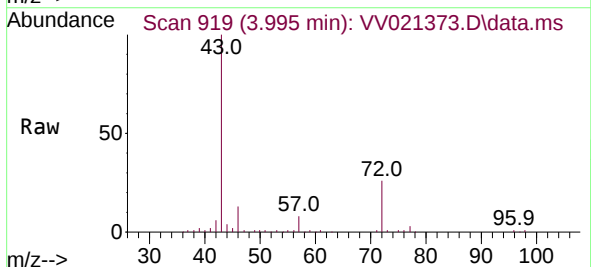
Delta R.T. -0.010 min

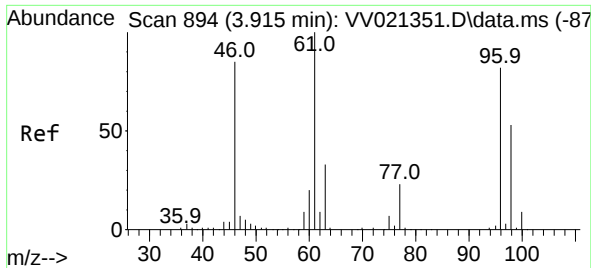
Lab File: VV021373.D

Acq: 21 May 2021 21:01

Tgt Ion: 43 Resp: 218038

Ion	Ratio	Lower	Upper
43	100		
72	24.8	14.5	43.5

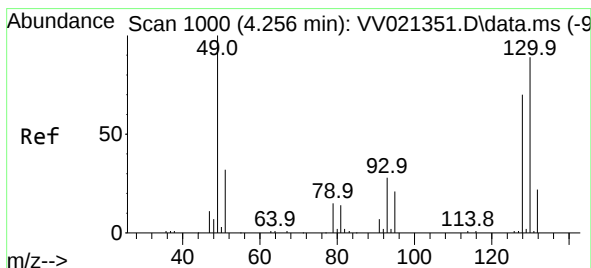
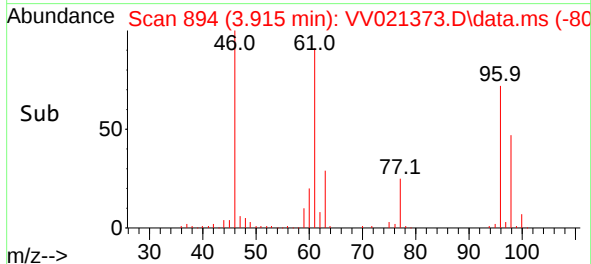
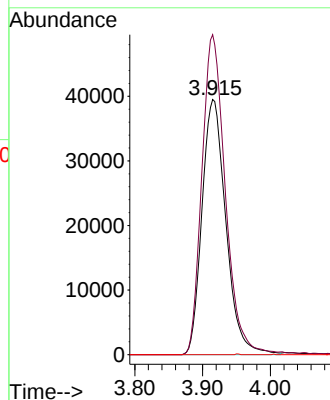
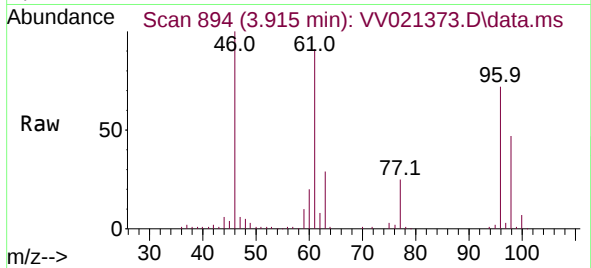




#22
cis-1,2-Dichloroethene
Concen: 4.80 ug/L
RT: 3.915 min Scan# 894
Delta R.T. -0.000 min
Lab File: VV021373.D
Acq: 21 May 2021 21:01

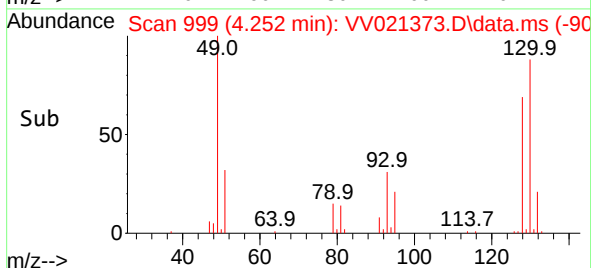
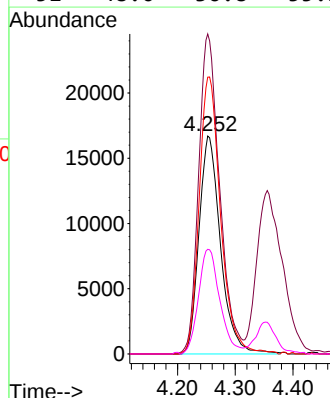
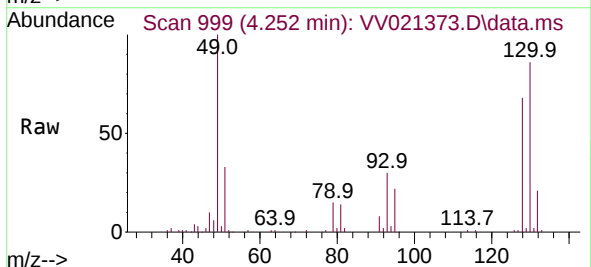
Instrument :
MSVOA_V
ClientSampleId :

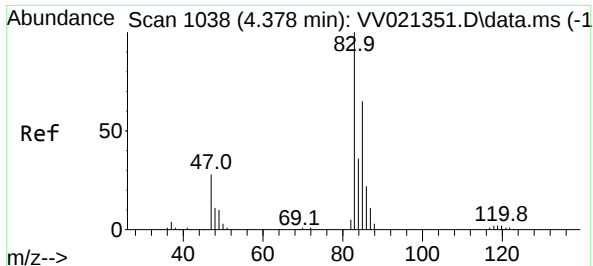
Tgt Ion: 96 Resp: 96831
Ion Ratio Lower Upper
96 100
61 125.4 84.6 157.2
68 0.0 0.0 0.0



#23
Bromochloromethane
Concen: 4.81 ug/L
RT: 4.252 min Scan# 999
Delta R.T. -0.003 min
Lab File: VV021373.D
Acq: 21 May 2021 21:01

Tgt Ion: 128 Resp: 43296
Ion Ratio Lower Upper
128 100
49 146.8 100.0 185.8
130 127.0 87.4 162.2
51 48.0 36.8 55.2





#25

Chloroform

Concen: 4.74 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VV021373.D

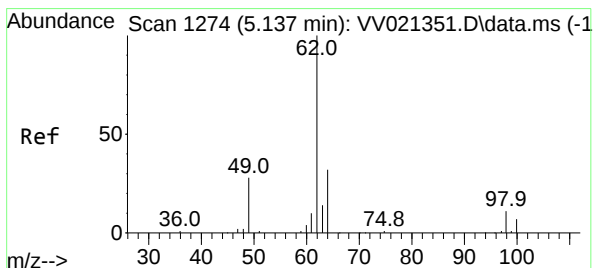
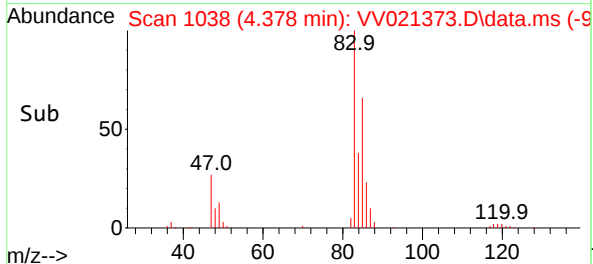
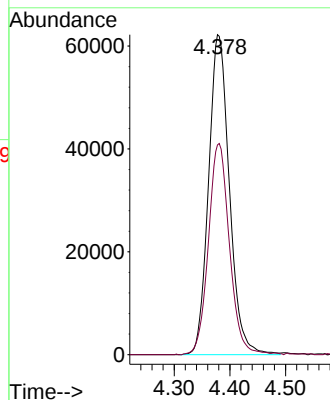
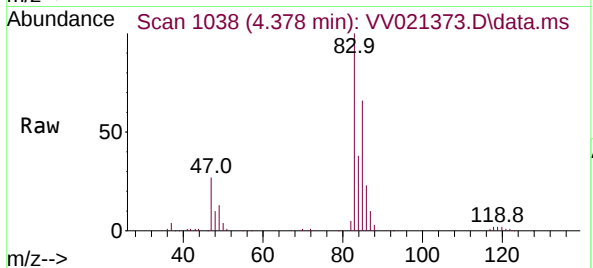
Acq: 21 May 2021 21:01

Tgt Ion: 83 Resp: 161637

Ion Ratio Lower Upper

83 100

85 65.6 46.4 86.2



#27

1,2-Dichloroethane

Concen: 4.61 ug/L

RT: 5.137 min Scan# 1274

Delta R.T. -0.000 min

Lab File: VV021373.D

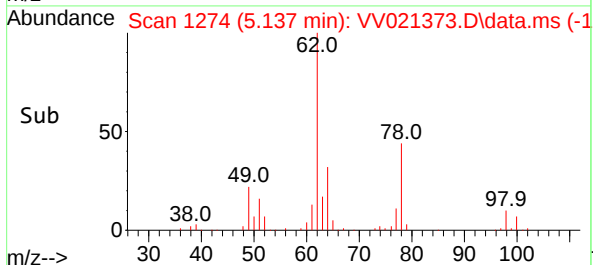
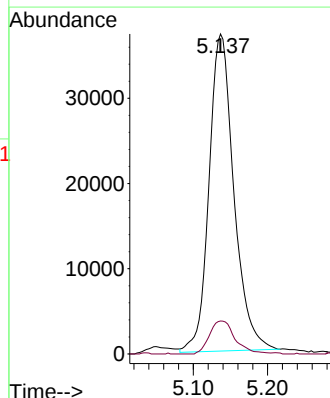
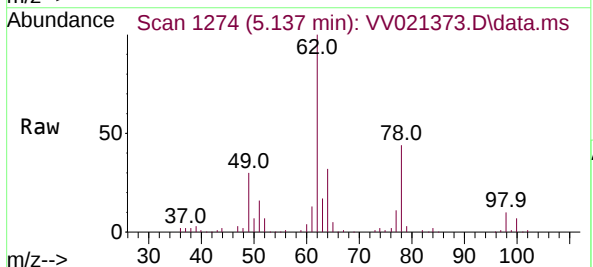
Acq: 21 May 2021 21:01

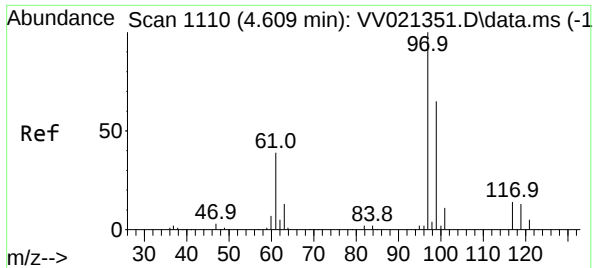
Tgt Ion: 62 Resp: 86525

Ion Ratio Lower Upper

62 100

98 10.3 8.0 12.0

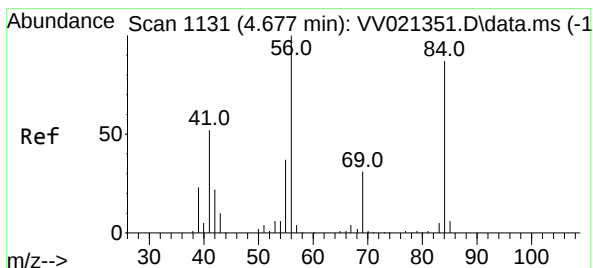
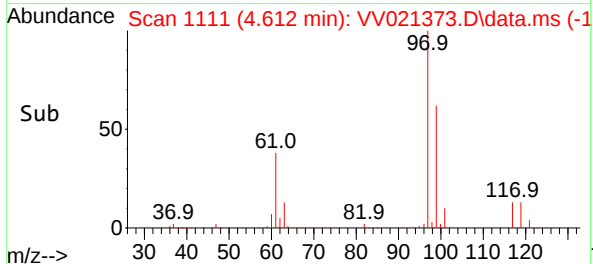
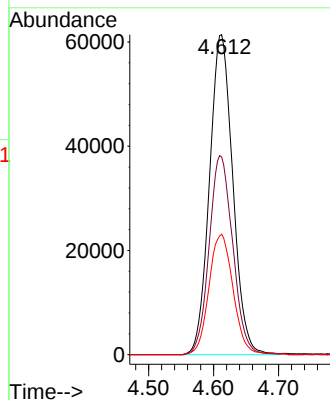
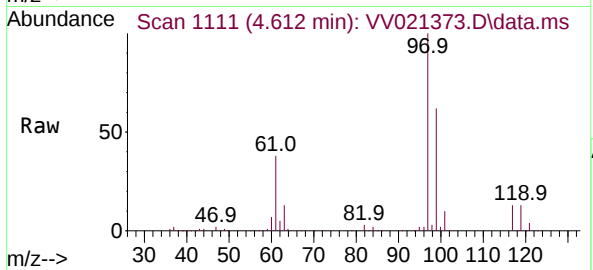




#29
1,1,1-Trichloroethane
Concen: 4.95 ug/L
RT: 4.612 min Scan# 1111
Delta R.T. 0.003 min
Lab File: VV021373.D
Acq: 21 May 2021 21:01

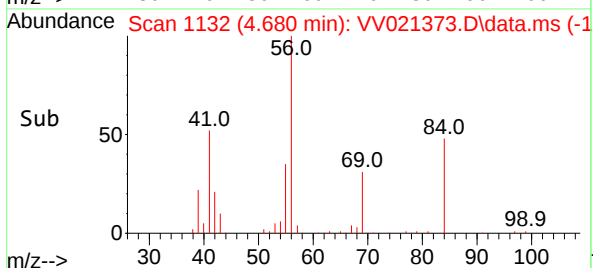
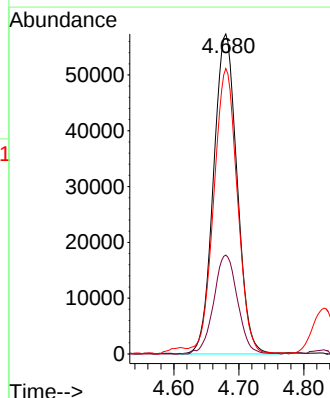
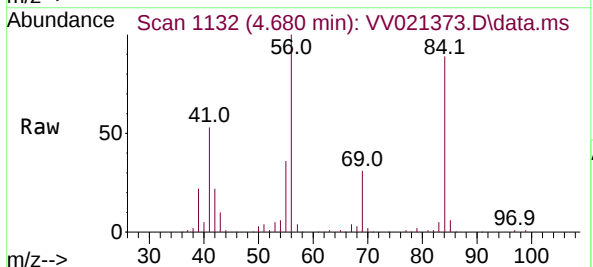
Instrument :
MSVOA_V
ClientSampleId :

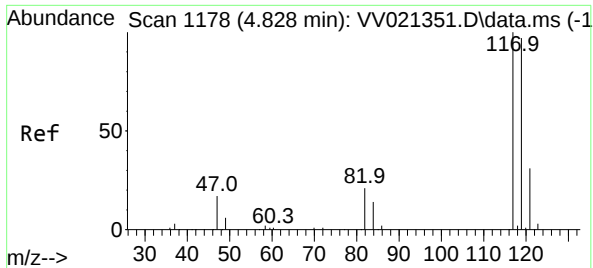
Tgt Ion: 97 Resp: 153345
Ion Ratio Lower Upper
97 100
99 63.0 50.6 75.8
61 39.1 33.2 49.8



#30
Cyclohexane
Concen: 4.72 ug/L
RT: 4.680 min Scan# 1132
Delta R.T. 0.003 min
Lab File: VV021373.D
Acq: 21 May 2021 21:01

Tgt Ion: 56 Resp: 144006
Ion Ratio Lower Upper
56 100
69 31.3 25.4 38.0
84 89.0 73.5 110.3

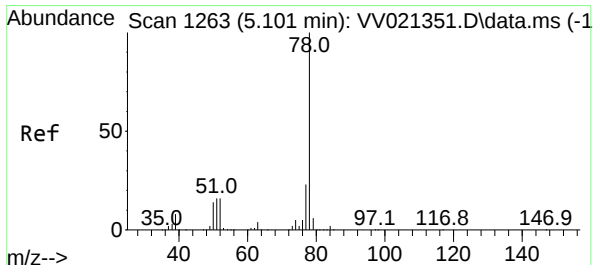
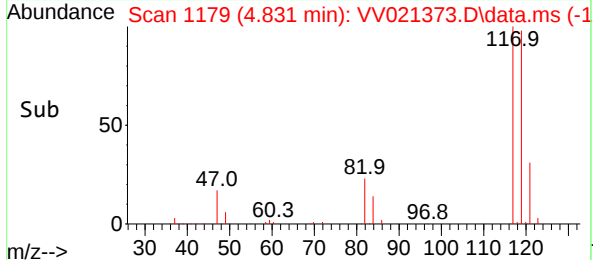
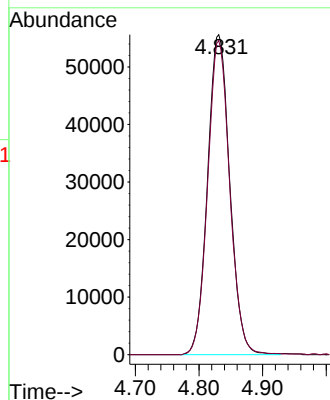
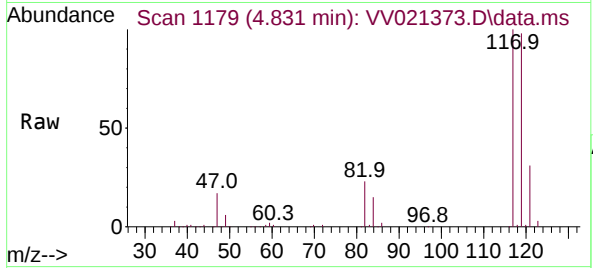




#31
Carbon tetrachloride
Concen: 4.88 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.003 min
Lab File: VV021373.D
Acq: 21 May 2021 21:01

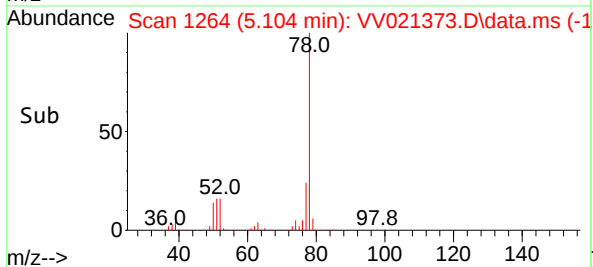
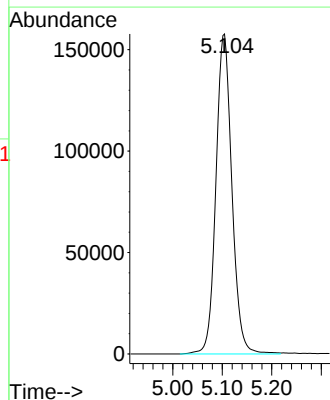
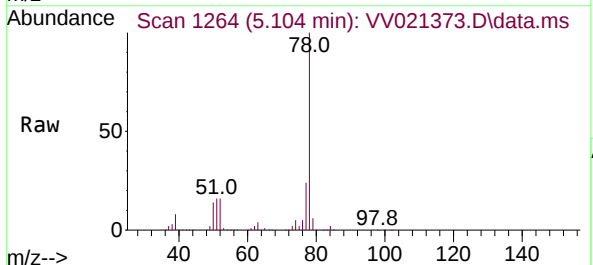
Instrument :
MSVOA_V
ClientSampled :

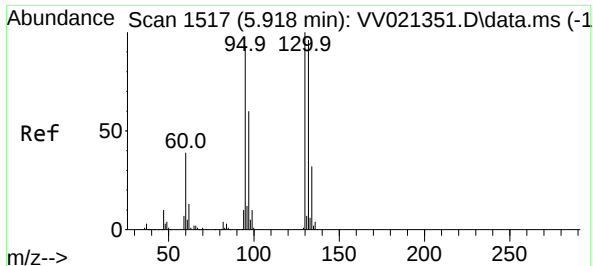
Tgt Ion:117 Resp: 135131
Ion Ratio Lower Upper
117 100
119 97.3 77.4 116.2



#33
Benzene
Concen: 4.96 ug/L
RT: 5.104 min Scan# 1264
Delta R.T. 0.003 min
Lab File: VV021373.D
Acq: 21 May 2021 21:01

Tgt Ion: 78 Resp: 353930





#34

Trichloroethene

Concen: 4.82 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. -0.000 min

Lab File: VV021373.D

Acq: 21 May 2021 21:01

Tgt Ion: 95 Resp: 103923

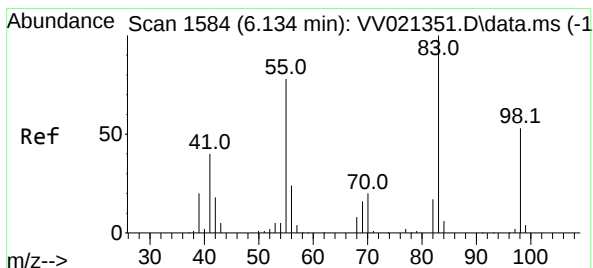
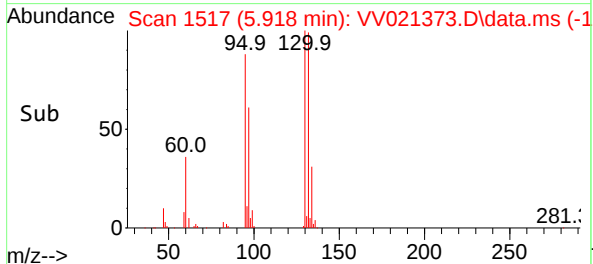
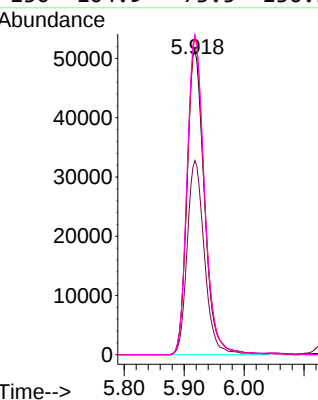
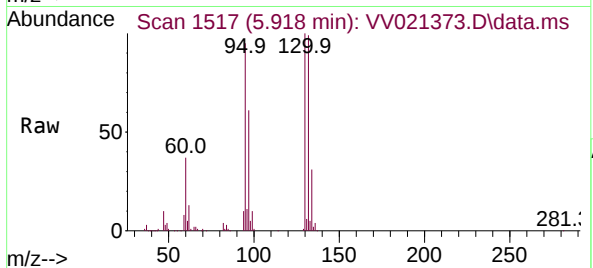
Ion Ratio Lower Upper

95 100

97 63.6 45.1 83.9

132 104.1 71.5 132.9

130 104.9 73.5 136.5



#35

Methylcyclohexane

Concen: 4.45 ug/L

RT: 6.133 min Scan# 1584

Delta R.T. -0.000 min

Lab File: VV021373.D

Acq: 21 May 2021 21:01

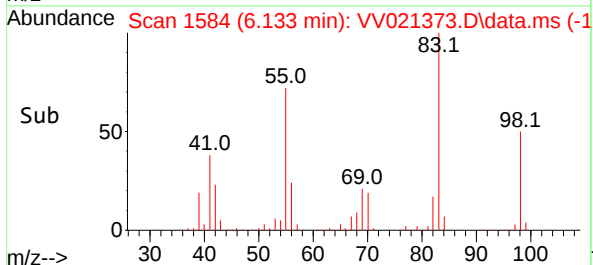
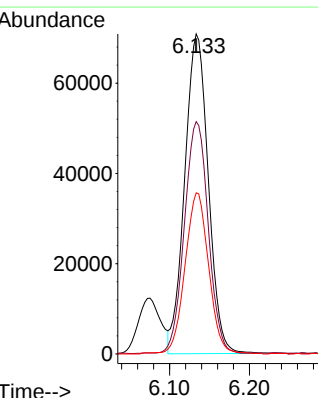
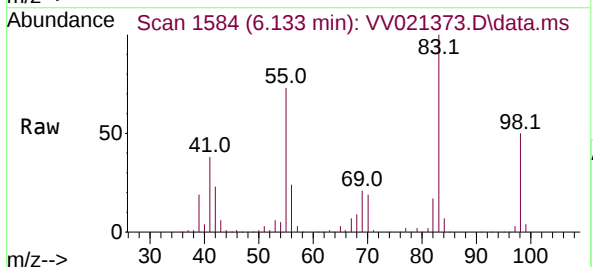
Tgt Ion: 83 Resp: 145318

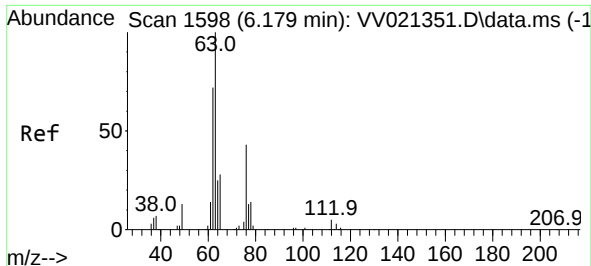
Ion Ratio Lower Upper

83 100

55 73.2 59.1 88.7

98 50.7 40.1 60.1

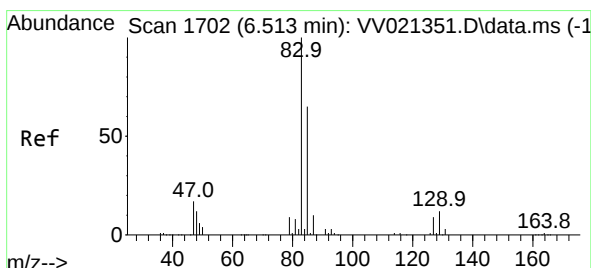
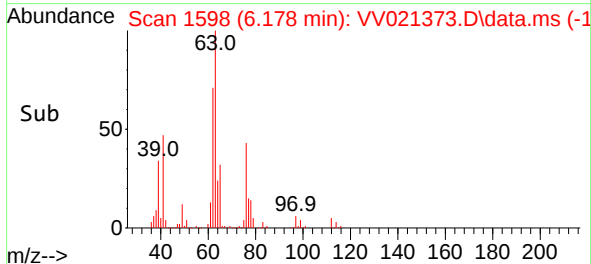
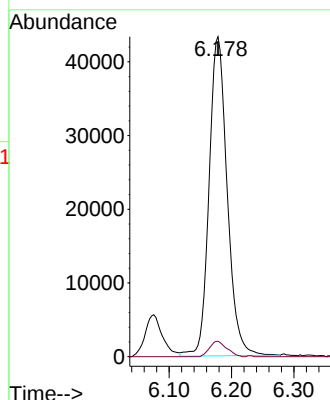
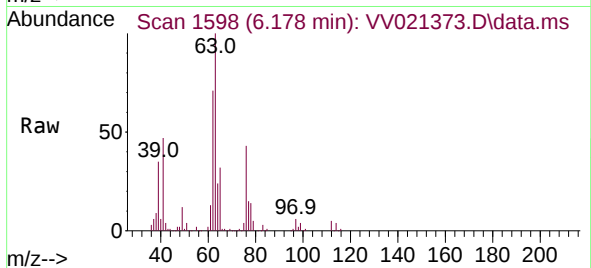




#37
1,2-Dichloropropane
Concen: 4.98 ug/L
RT: 6.178 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VV021373.D
Acq: 21 May 2021 21:01

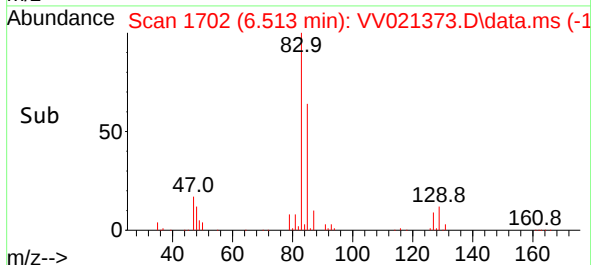
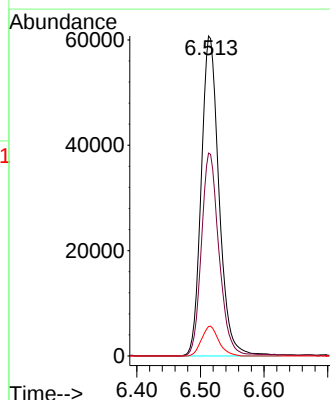
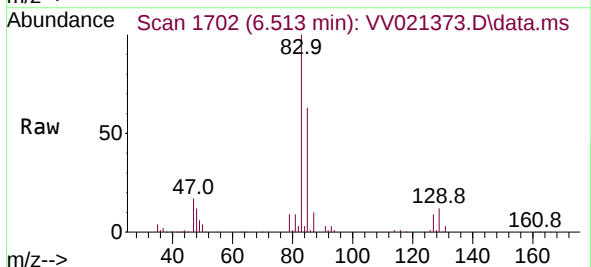
Instrument :
MSVOA_V
ClientSampled :

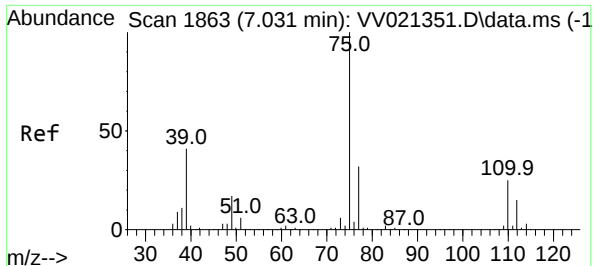
Tgt Ion: 63 Resp: 87504
Ion Ratio Lower Upper
63 100
112 4.6 3.8 5.8



#38
Bromodichloromethane
Concen: 4.91 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VV021373.D
Acq: 21 May 2021 21:01

Tgt Ion: 83 Resp: 117768
Ion Ratio Lower Upper
83 100
85 63.4 43.0 79.8
127 9.2 7.0 10.6

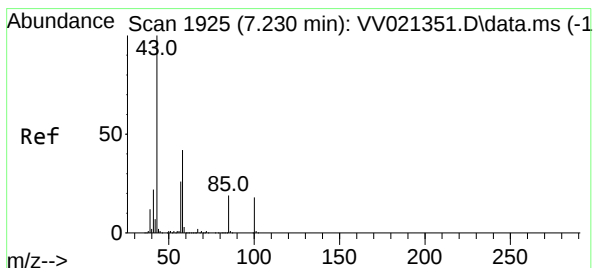
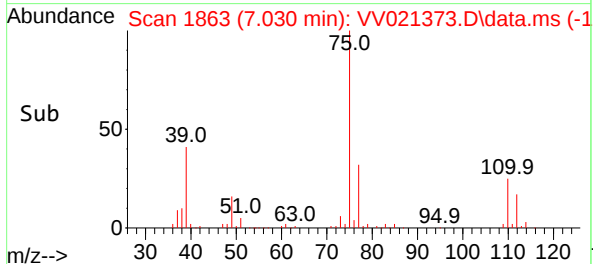
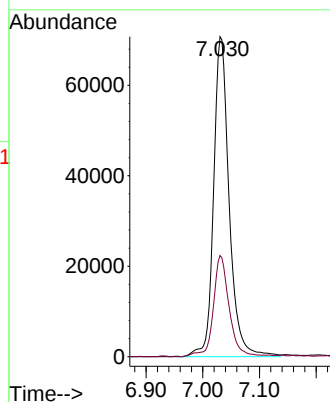
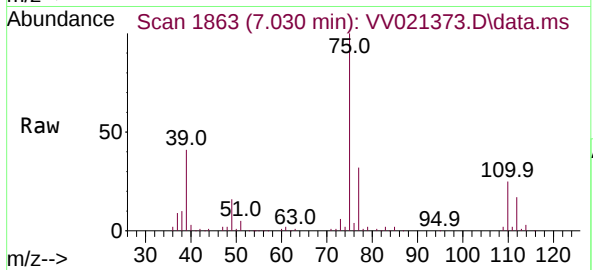




#39
 cis-1,3-Dichloropropene
 Concen: 4.80 ug/L
 RT: 7.030 min Scan# 1863
 Delta R.T. -0.000 min
 Lab File: VV021373.D
 Acq: 21 May 2021 21:01

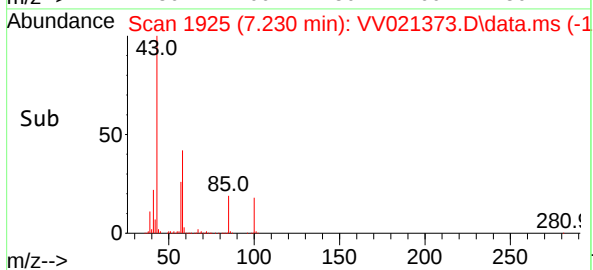
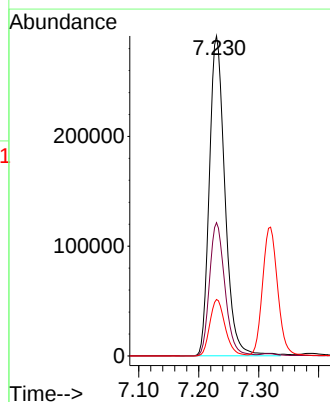
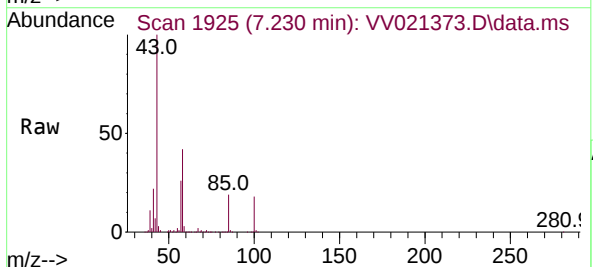
Instrument :
 MSVOA_V
 ClientSampleId :

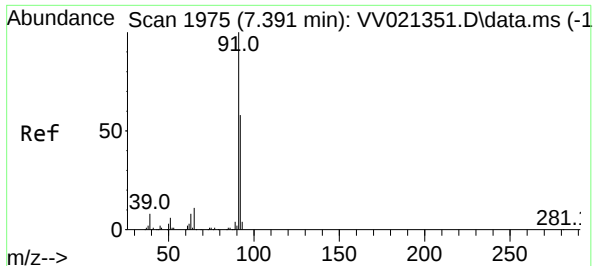
Tgt Ion: 75 Resp: 135117
 Ion Ratio Lower Upper
 75 100
 77 31.6 22.5 41.9



#40
 4-Methyl-2-pentanone
 Concen: 47.65 ug/L
 RT: 7.230 min Scan# 1925
 Delta R.T. -0.000 min
 Lab File: VV021373.D
 Acq: 21 May 2021 21:01

Tgt Ion: 43 Resp: 527174
 Ion Ratio Lower Upper
 43 100
 58 41.3 34.1 51.1
 100 17.5 14.6 21.8





#42

Toluene

Concen: 4.91 ug/L

RT: 7.390 min Scan# 1975

Delta R.T. -0.000 min

Lab File: VV021373.D

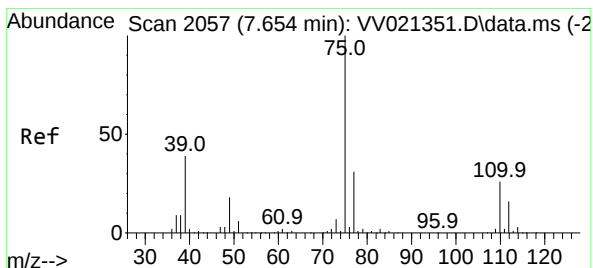
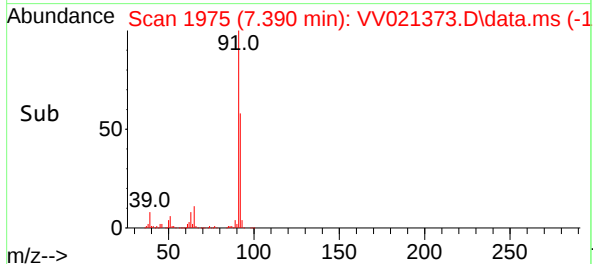
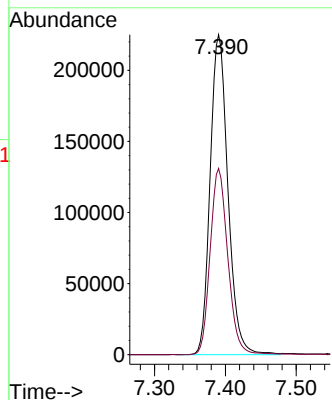
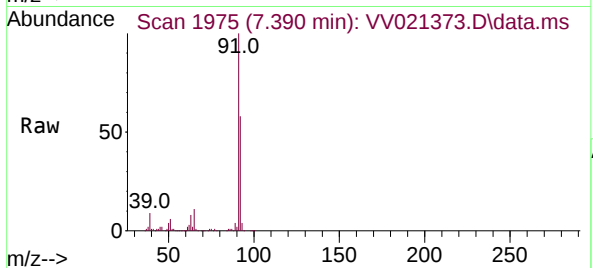
Acq: 21 May 2021 21:01

Tgt Ion: 91 Resp: 392361

Ion Ratio Lower Upper

91 100

92 58.2 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 4.67 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VV021373.D

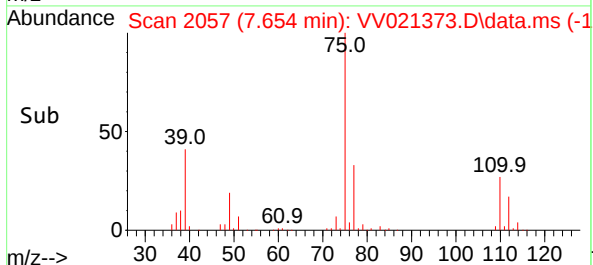
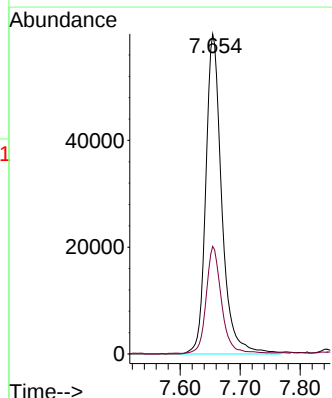
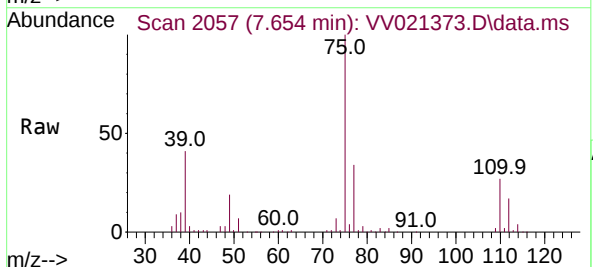
Acq: 21 May 2021 21:01

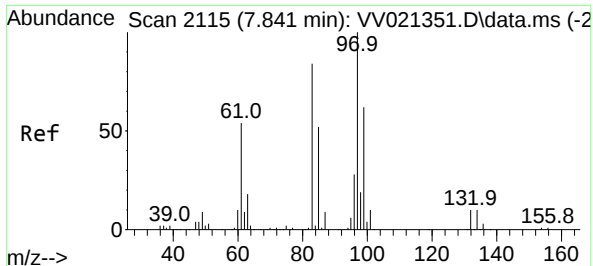
Tgt Ion: 75 Resp: 111148

Ion Ratio Lower Upper

75 100

77 33.6 22.9 42.5





#45

1,1,2-Trichloroethane

Concen: 4.73 ug/L

RT: 7.844 min Scan# 2116

Delta R.T. 0.003 min

Lab File: VV021373.D

Acq: 21 May 2021 21:01

Tgt Ion: 97 Resp: 61743

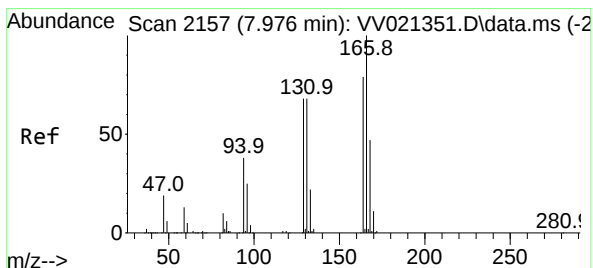
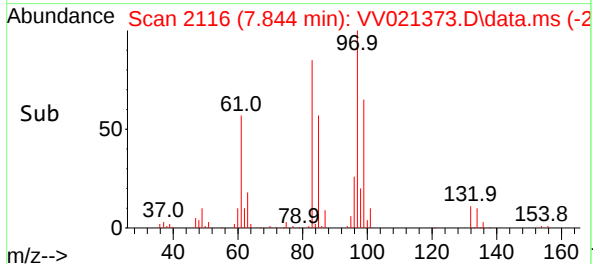
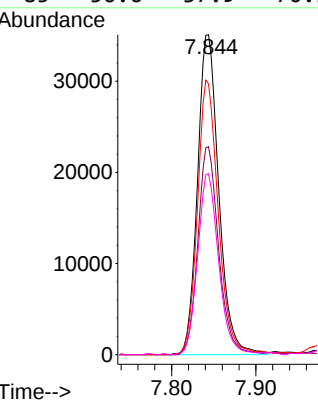
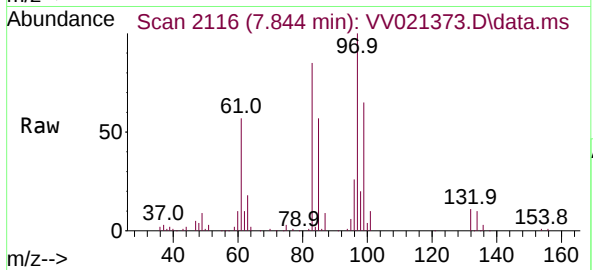
Ion Ratio Lower Upper

97 100

99 65.0 44.1 81.9

83 84.6 59.4 110.4

85 56.6 37.9 70.5



#47

Tetrachloroethene

Concen: 4.84 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.003 min

Lab File: VV021373.D

Acq: 21 May 2021 21:01

Tgt Ion:164 Resp: 85163

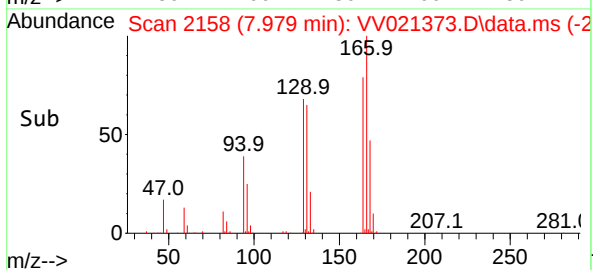
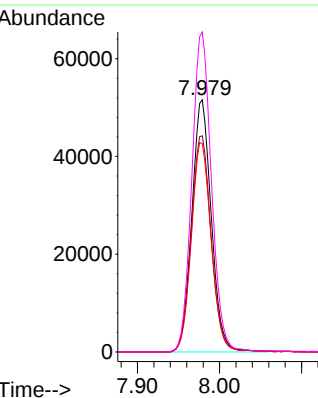
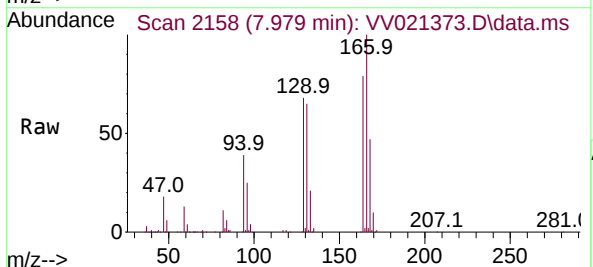
Ion Ratio Lower Upper

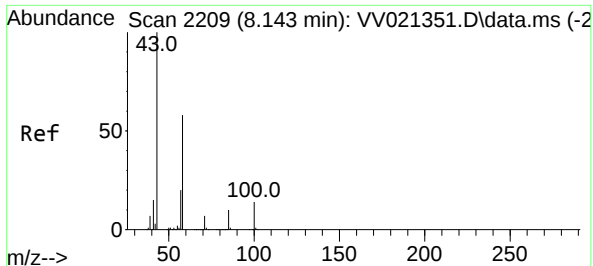
164 100

129 85.8 65.0 120.6

131 82.6 61.8 114.8

166 126.9 88.1 163.5

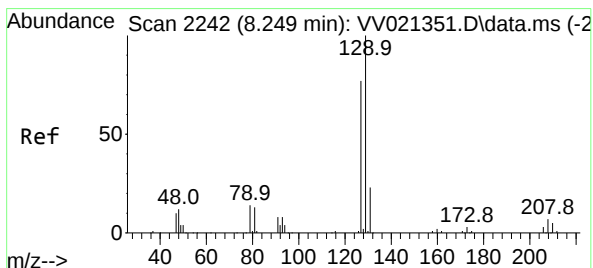
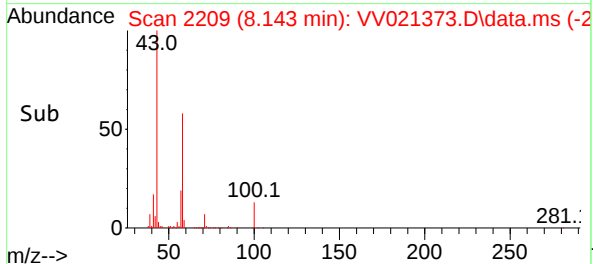
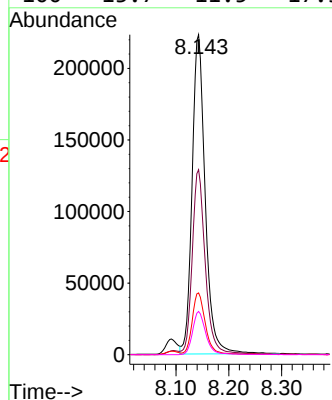
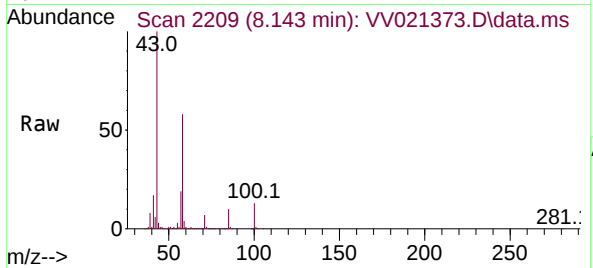




#48
2-Hexanone
Concen: 47.98 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VV021373.D
Acq: 21 May 2021 21:01

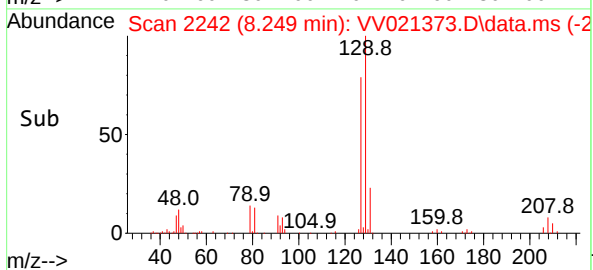
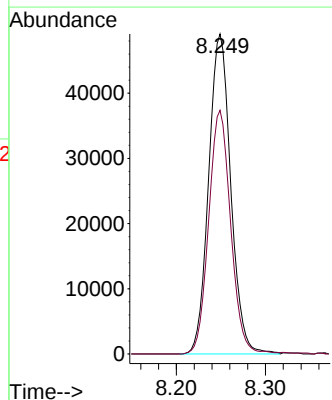
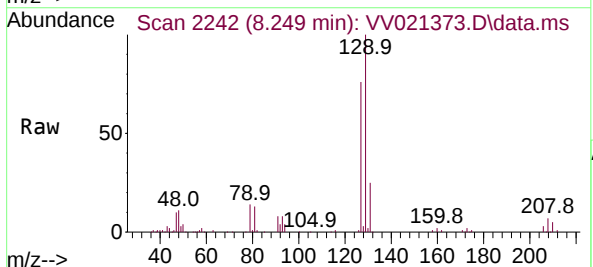
Instrument :
MSVOA_V
ClientSampled :

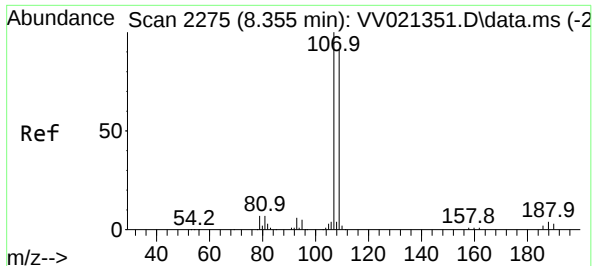
Tgt Ion: 43 Resp: 384779
Ion Ratio Lower Upper
43 100
58 57.1 47.8 71.8
57 19.2 16.6 24.8
100 13.7 11.5 17.3



#49
Dibromochloromethane
Concen: 4.81 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VV021373.D
Acq: 21 May 2021 21:01

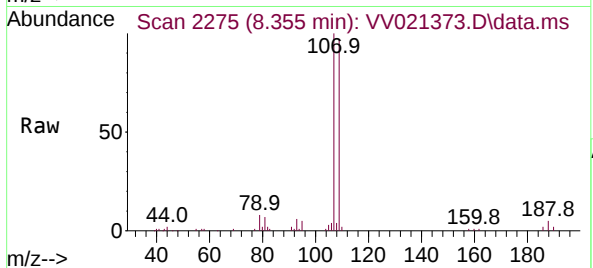
Tgt Ion: 129 Resp: 84576
Ion Ratio Lower Upper
129 100
127 76.1 53.6 99.6



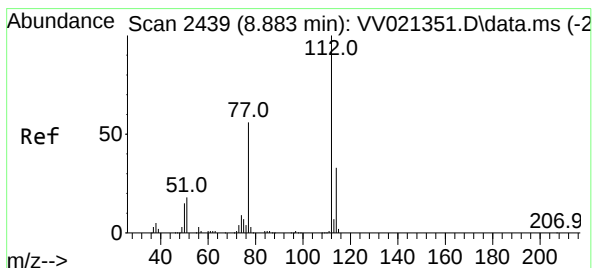
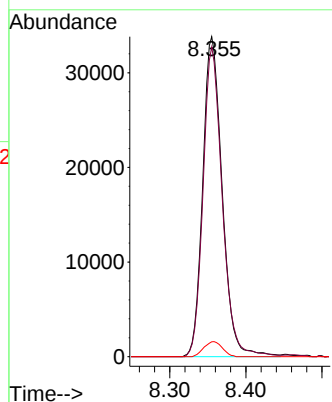
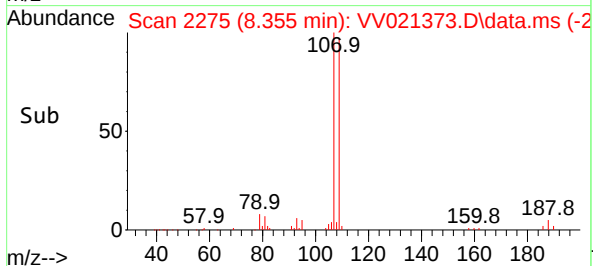


#50
1,2-Dibromoethane
Concen: 4.76 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. -0.000 min
Lab File: VV021373.D
Acq: 21 May 2021 21:01

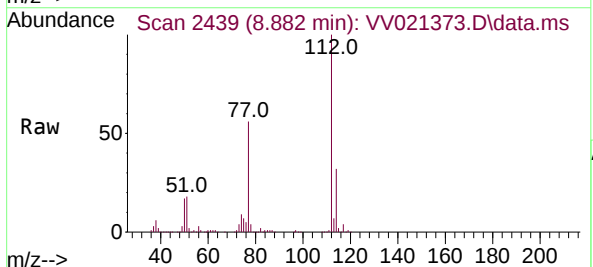
Instrument :
MSVOA_V
ClientSampleId :



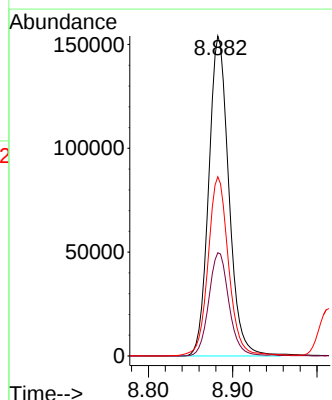
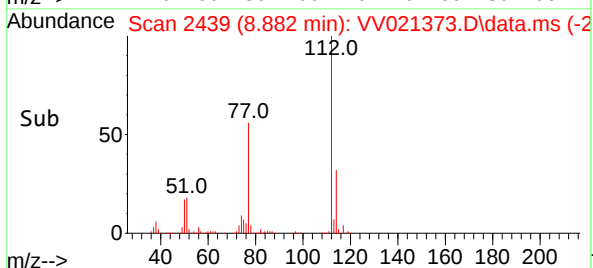
Tgt Ion:107 Resp: 60034
Ion Ratio Lower Upper
107 100
109 96.7 66.6 123.8
188 4.7 3.3 4.9

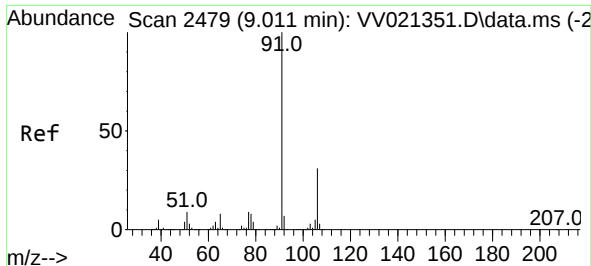


#51
Chlorobenzene
Concen: 4.87 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VV021373.D
Acq: 21 May 2021 21:01



Tgt Ion:112 Resp: 256228
Ion Ratio Lower Upper
112 100
114 32.2 22.4 41.6
77 56.0 45.0 67.4

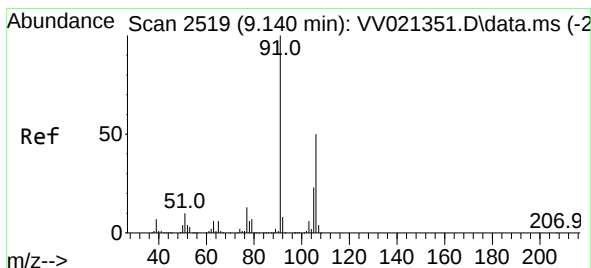
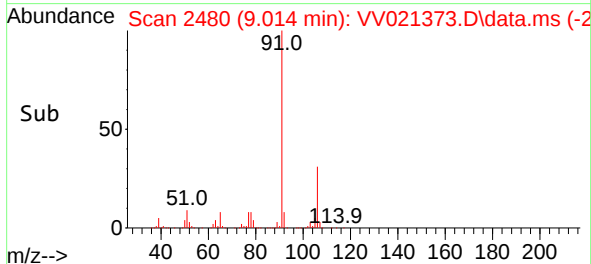
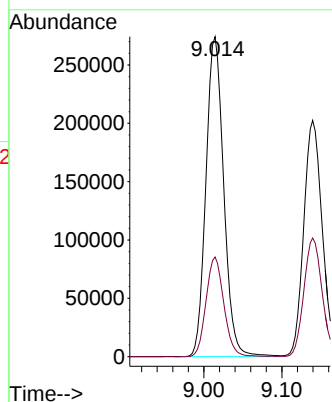
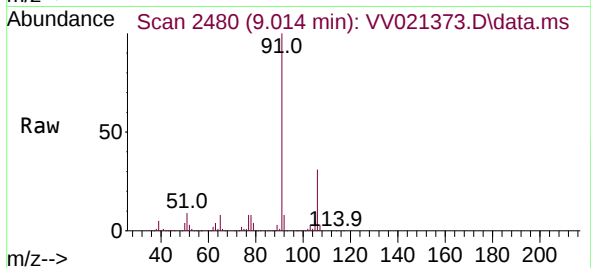




#52
Ethylbenzene
Concen: 4.90 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.003 min
Lab File: VV021373.D
Acq: 21 May 2021 21:01

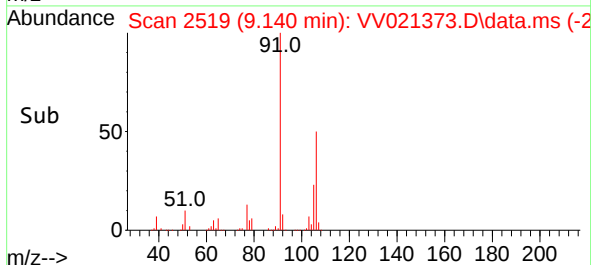
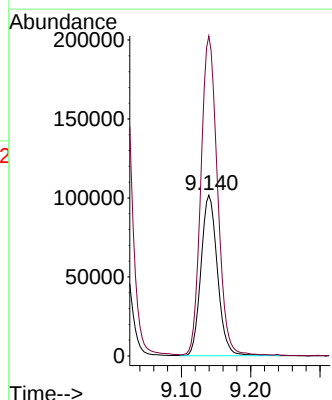
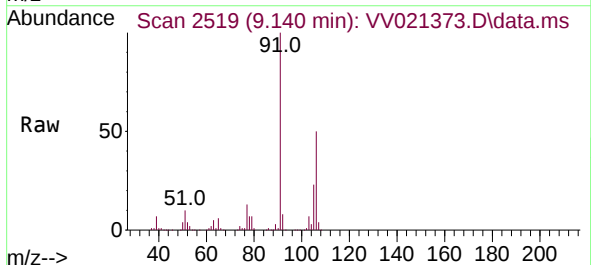
Instrument :
MSVOA_V
ClientSampled :

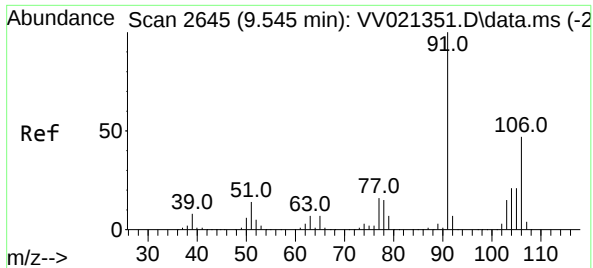
Tgt Ion: 91 Resp: 435247
Ion Ratio Lower Upper
91 100
106 31.1 21.6 40.2



#53
m,p-xylene
Concen: 4.91 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. -0.000 min
Lab File: VV021373.D
Acq: 21 May 2021 21:01

Tgt Ion:106 Resp: 167600
Ion Ratio Lower Upper
106 100
91 199.1 141.3 262.3

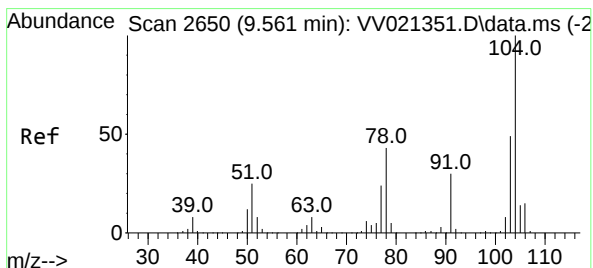
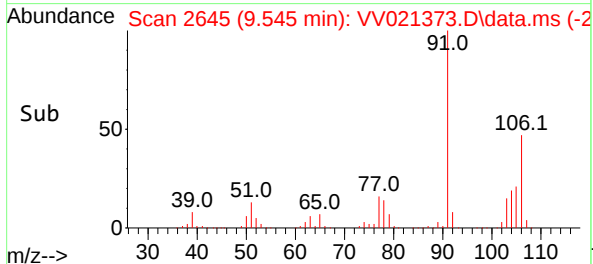
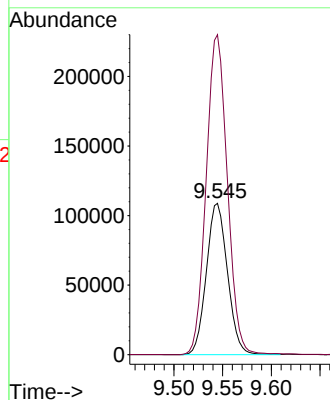
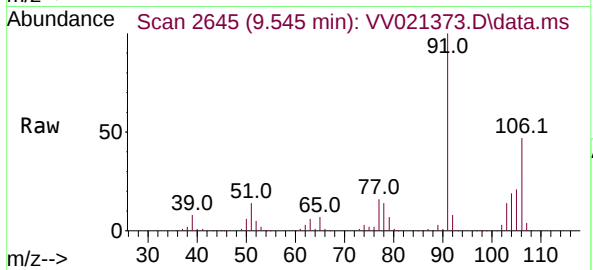




#54
o-xylene
Concen: 4.93 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV021373.D
Acq: 21 May 2021 21:01

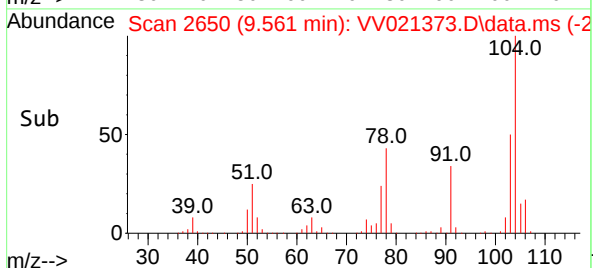
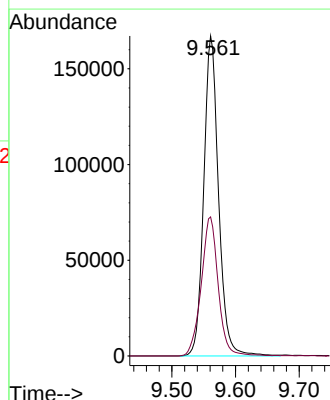
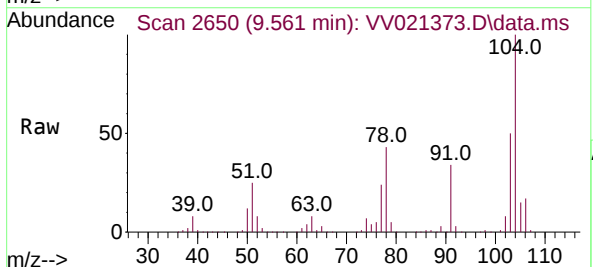
Instrument :
MSVOA_V
ClientSampled :

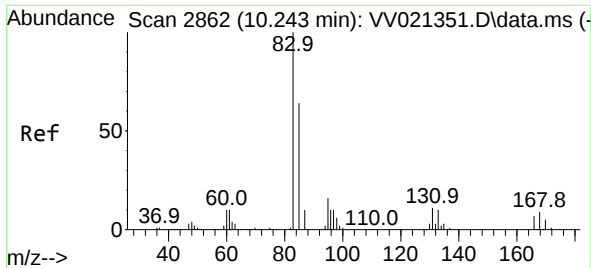
Tgt Ion:106 Resp: 164043
Ion Ratio Lower Upper
106 100
91 211.4 149.5 277.7



#55
Styrene
Concen: 4.85 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV021373.D
Acq: 21 May 2021 21:01

Tgt Ion:104 Resp: 270749
Ion Ratio Lower Upper
104 100
78 43.4 31.9 59.2

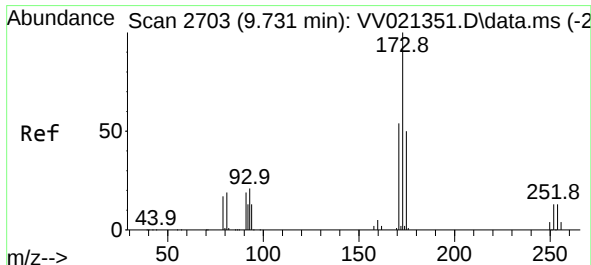
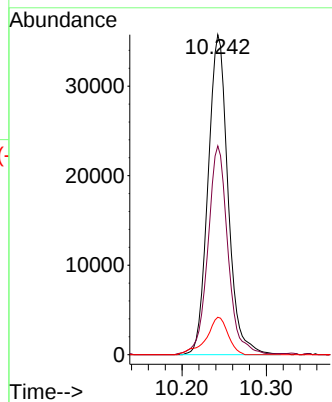
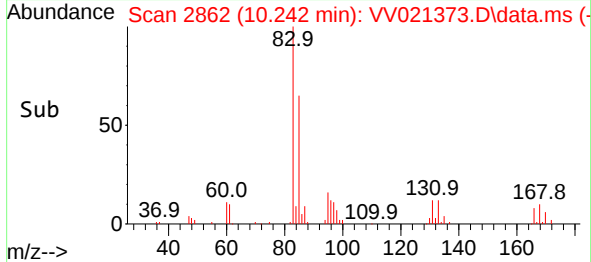
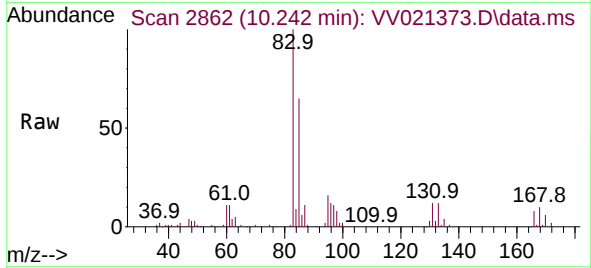




#57
1,1,2,2-Tetrachloroethane
Concen: 4.99 ug/L
RT: 10.242 min Scan# 2862
Delta R.T. -0.000 min
Lab File: VV021373.D
Acq: 21 May 2021 21:01

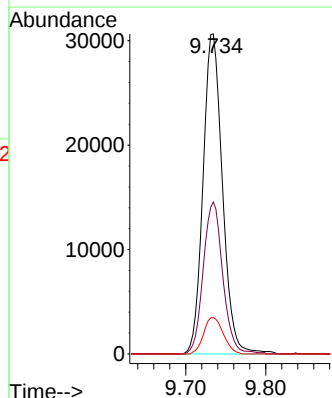
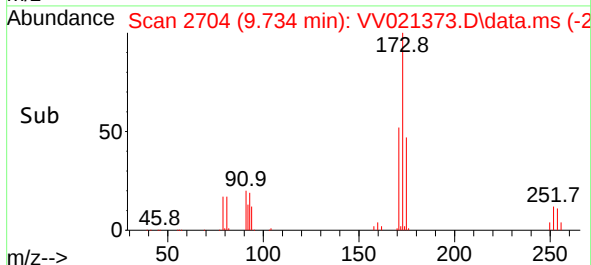
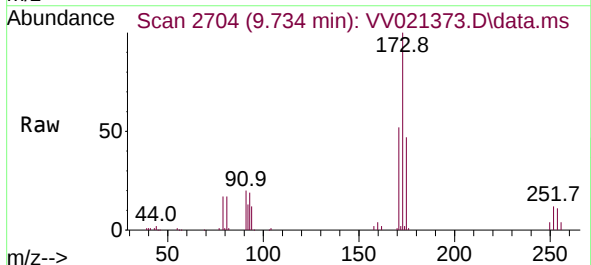
Instrument :
MSVOA_V
ClientSampleId :

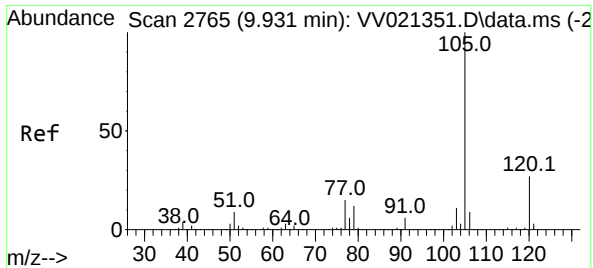
Tgt Ion:	83	Resp:	58908
Ion Ratio	Lower	Upper	
83	100		
85	65.2	44.6	82.8
131	11.7	8.4	12.6



#59
Bromoform
Concen: 4.94 ug/L
RT: 9.734 min Scan# 2704
Delta R.T. 0.003 min
Lab File: VV021373.D
Acq: 21 May 2021 21:01

Tgt Ion:	173	Resp:	51857
Ion Ratio	Lower	Upper	
173	100		
175	47.8	38.9	58.3
254	11.5	8.3	12.5

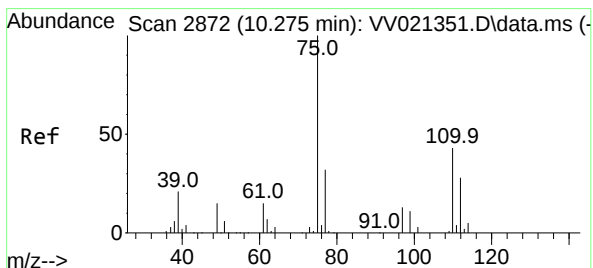
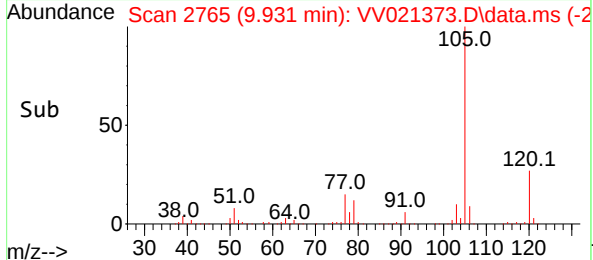
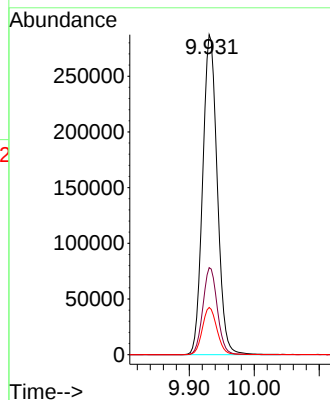
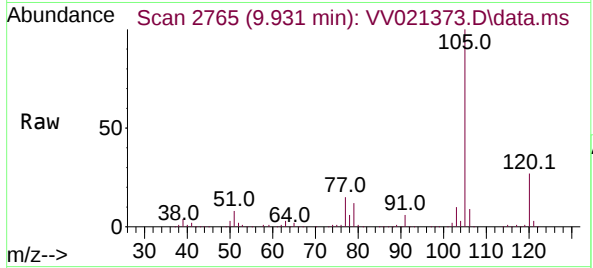




#60
Isopropylbenzene
Concen: 5.01 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV021373.D
Acq: 21 May 2021 21:01

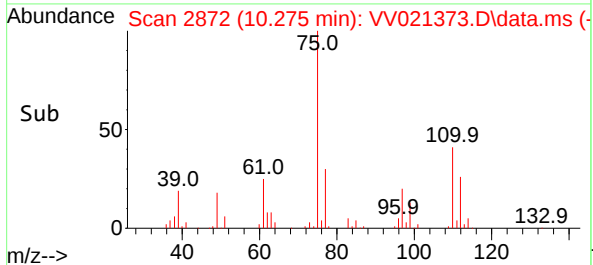
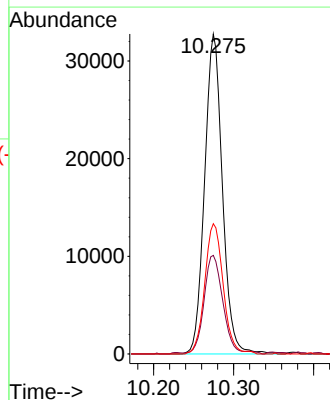
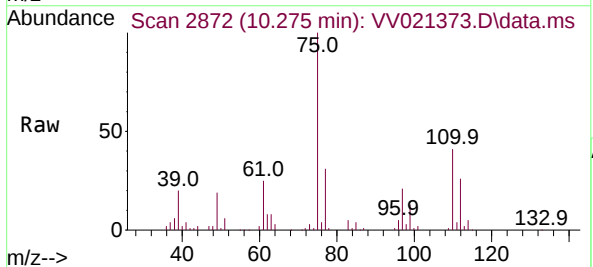
Instrument :
MSVOA_V
ClientSampled :

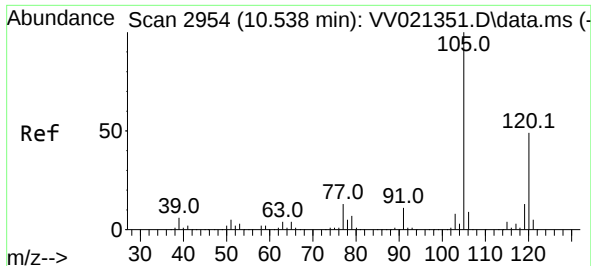
Tgt Ion:	105	Resp:	449017
Ion Ratio	Lower	Upper	
105	100		
120	27.0	21.7	32.5
77	14.8	12.3	18.5



#61
1,2,3-Trichloropropane
Concen: 4.91 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV021373.D
Acq: 21 May 2021 21:01

Tgt Ion:	75	Resp:	50813
Ion Ratio	Lower	Upper	
75	100		
77	32.8	26.1	39.1
110	42.1	33.2	49.8

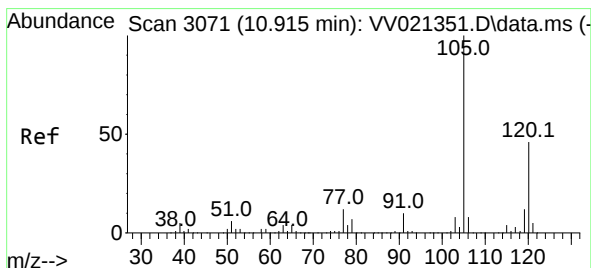
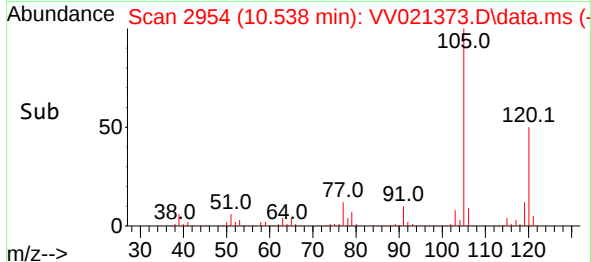
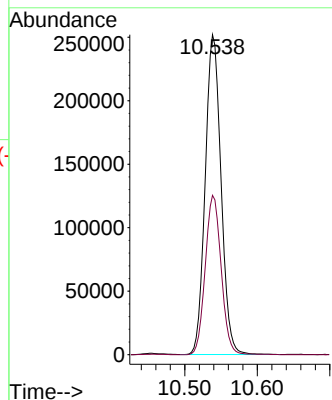
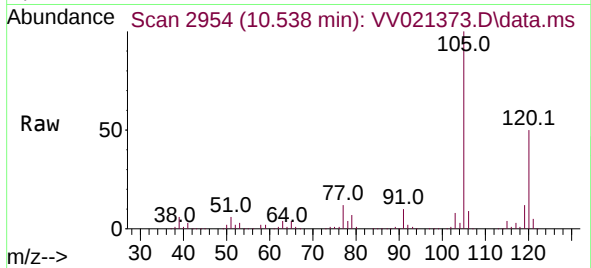




#62
1,3,5-Trimethylbenzene
Concen: 4.98 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. -0.000 min
Lab File: VV021373.D
Acq: 21 May 2021 21:01

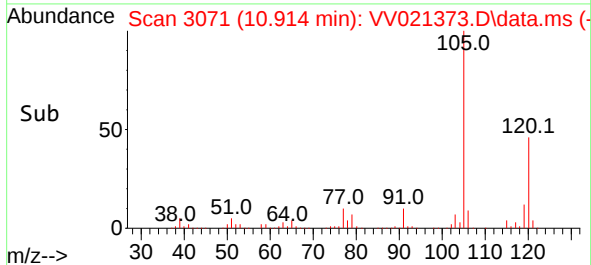
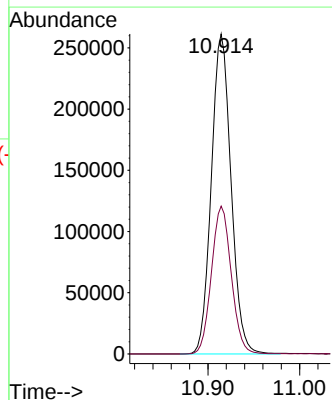
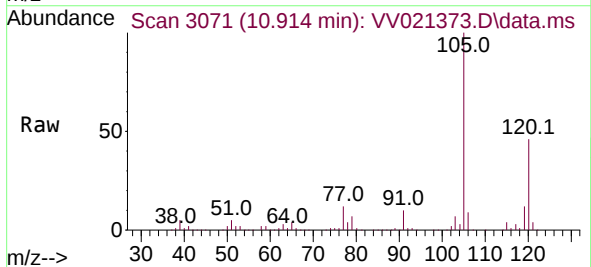
Instrument :
MSVOA_V
ClientSampled :

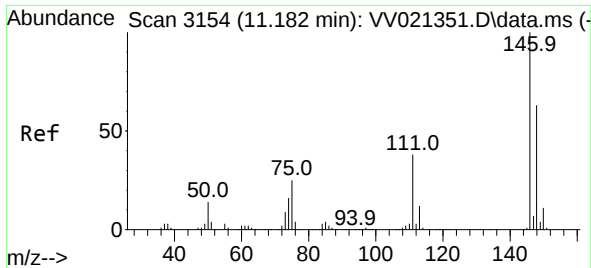
Tgt Ion:105 Resp: 381664
Ion Ratio Lower Upper
105 100
120 50.2 39.4 59.0



#63
1,2,4-Trimethylbenzene
Concen: 4.98 ug/L
RT: 10.914 min Scan# 3071
Delta R.T. -0.000 min
Lab File: VV021373.D
Acq: 21 May 2021 21:01

Tgt Ion:105 Resp: 390701
Ion Ratio Lower Upper
105 100
120 46.5 36.7 55.1

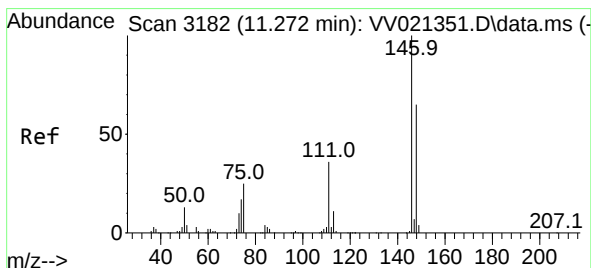
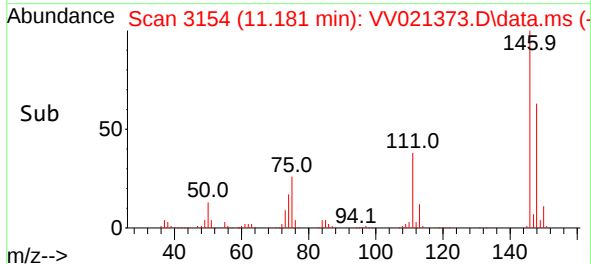
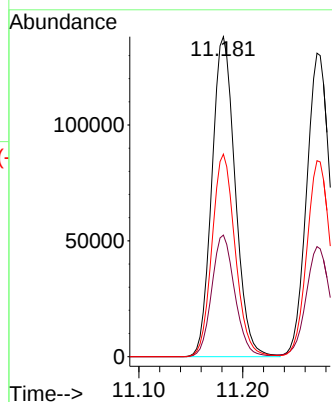
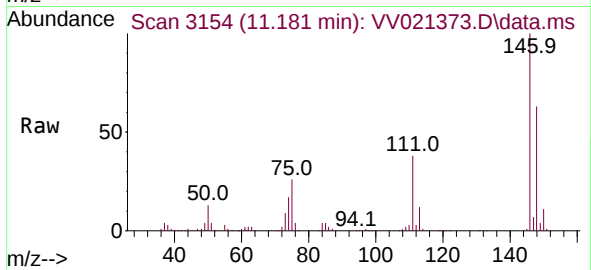




#64
1,3-Dichlorobenzene
Concen: 4.99 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.000 min
Lab File: VV021373.D
Acq: 21 May 2021 21:01

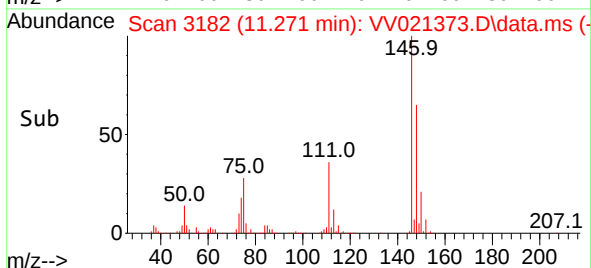
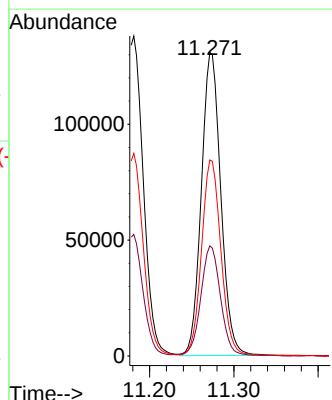
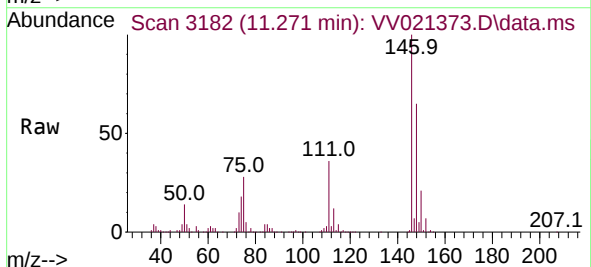
Instrument :
MSVOA_V
ClientSampled :

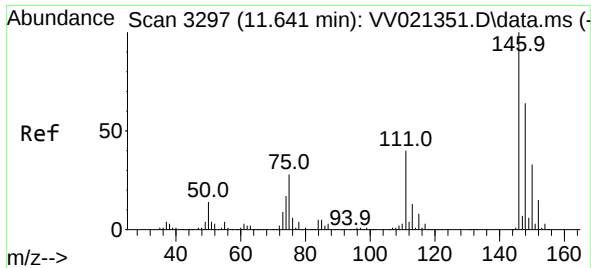
Tgt Ion:146 Resp: 215170
Ion Ratio Lower Upper
146 100
111 38.0 26.8 49.8
148 63.3 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 4.89 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV021373.D
Acq: 21 May 2021 21:01

Tgt Ion:146 Resp: 210786
Ion Ratio Lower Upper
146 100
111 36.3 25.8 47.8
148 64.6 43.9 81.5

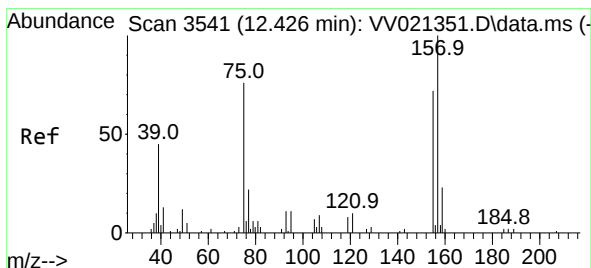
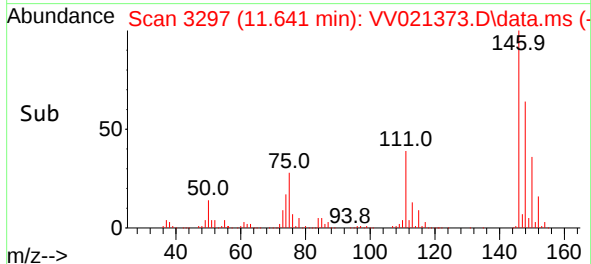
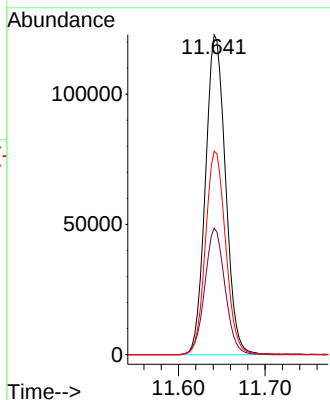
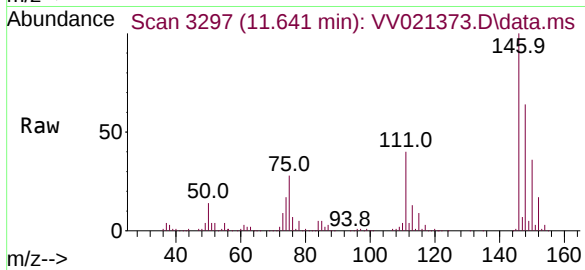




#67
1,2-Dichlorobenzene
Concen: 4.97 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. -0.000 min
Lab File: VV021373.D
Acq: 21 May 2021 21:01

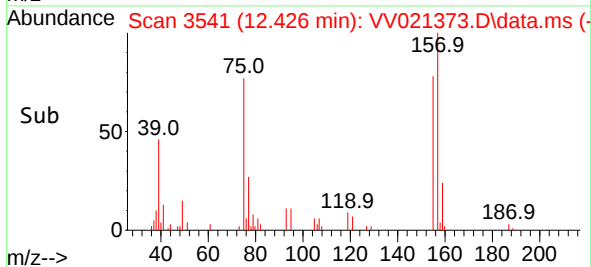
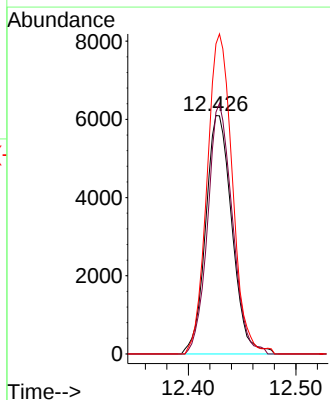
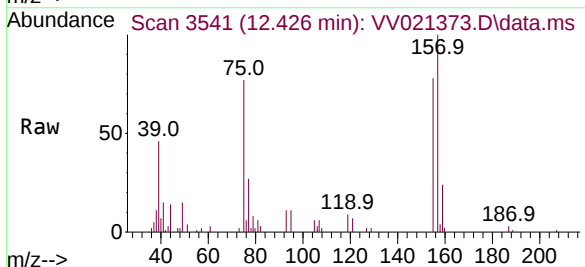
Instrument :
MSVOA_V
ClientSampled :

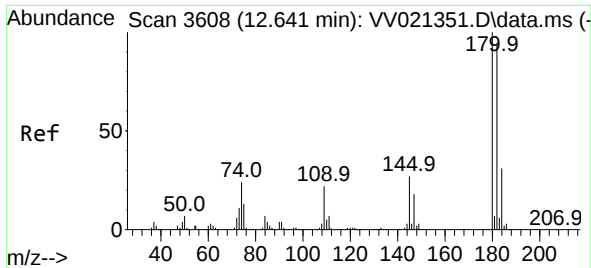
Tgt Ion:146 Resp: 197825
Ion Ratio Lower Upper
146 100
111 39.5 32.6 49.0
148 63.6 50.8 76.2



#68
1,2-Dibromo-3-chloropropane
Concen: 5.01 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.000 min
Lab File: VV021373.D
Acq: 21 May 2021 21:01

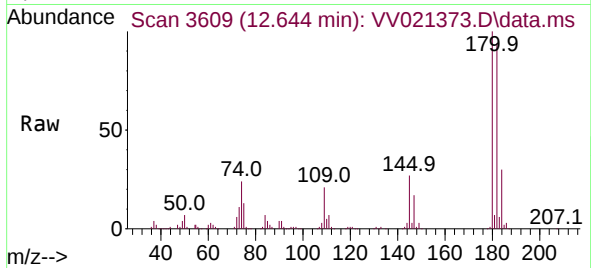
Tgt Ion: 75 Resp: 10354
Ion Ratio Lower Upper
75 100
155 101.4 72.8 109.2
157 130.0 94.7 142.1



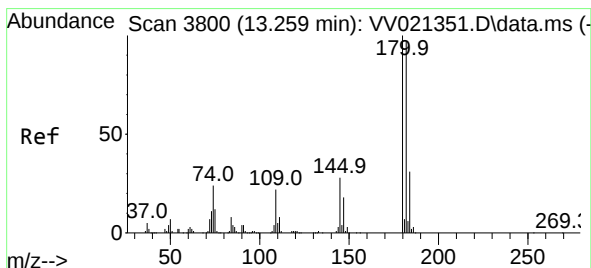
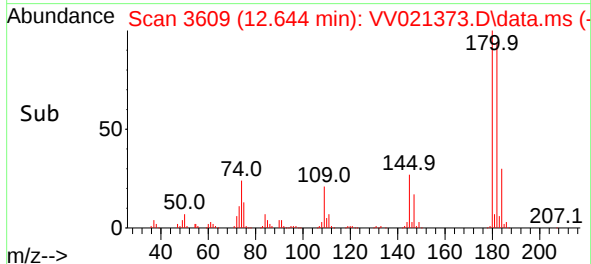
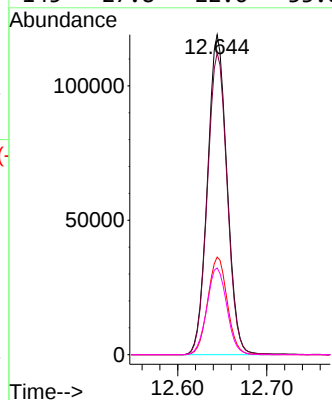


#69
1,3,5-Trichlorobenzene
Concen: 4.86 ug/L
RT: 12.644 min Scan# 3609
Delta R.T. 0.003 min
Lab File: VV021373.D
Acq: 21 May 2021 21:01

Instrument :
MSVOA_V
ClientSampled :

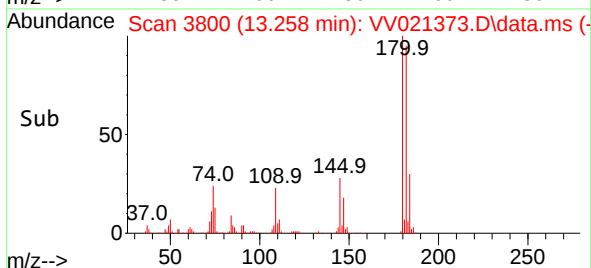
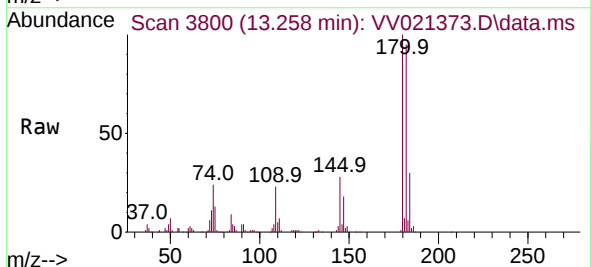
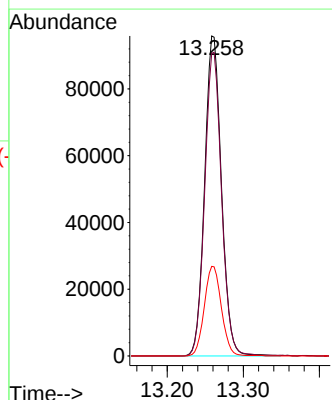


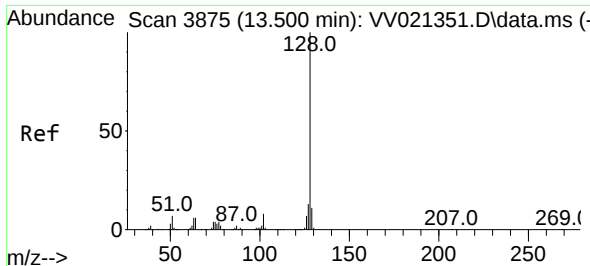
Tgt Ion:180 Resp: 181380
Ion Ratio Lower Upper
180 100
182 95.4 75.6 113.4
184 30.4 24.4 36.6
145 27.8 22.6 33.8



#70
1,2,4-trichlorobenzene
Concen: 5.02 ug/L
RT: 13.258 min Scan# 3800
Delta R.T. -0.000 min
Lab File: VV021373.D
Acq: 21 May 2021 21:01

Tgt Ion:180 Resp: 147264
Ion Ratio Lower Upper
180 100
182 94.9 75.7 113.5
145 28.4 23.0 34.4

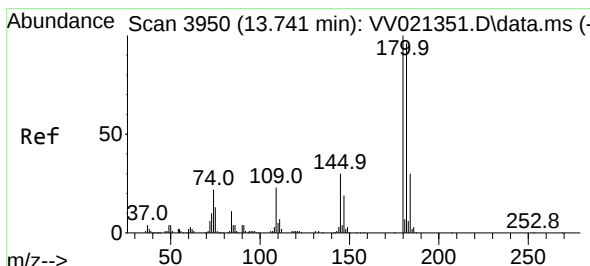
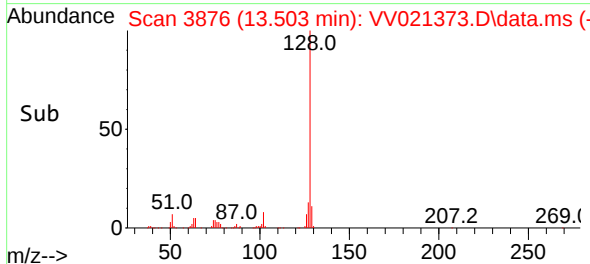
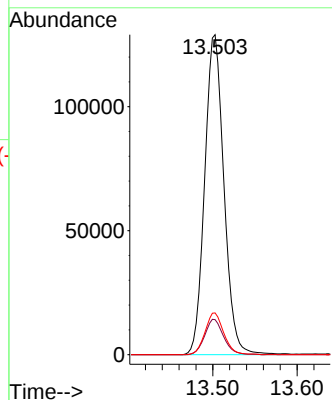
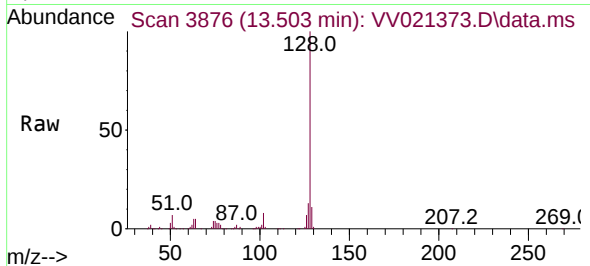




#71
Naphthalene
Concen: 5.14 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.003 min
Lab File: VV021373.D
Acq: 21 May 2021 21:01

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:128 Resp: 205345
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 12.7 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 5.03 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV021373.D
Acq: 21 May 2021 21:01

Tgt Ion:180 Resp: 129756
Ion Ratio Lower Upper
180 100
182 95.6 75.9 113.9
145 30.3 24.6 37.0

