

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081922\
 Data File : VD074165.D
 Acq On : 19 Aug 2022 23:16
 Operator : VA/SY
 Sample : N4258-03
 Misc : 4.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 280251

Quant Time: Aug 20 01:30:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 19 09:25:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	2348	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	5536	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	6213	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	3103	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	2122	131.321	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 262.640%#	
35) Dibromofluoromethane	7.902	113	1889	71.389	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 142.780%	
50) Toluene-d8	10.326	98	4396	59.008	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 118.020%	
62) 4-Bromofluorobenzene	12.614	95	5650	136.394	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 272.780%#	
Target Compounds						
					Qvalue	
3) Chloromethane	2.209	50	129	6.105	ug/l #	40
5) Bromomethane	2.791	94	211	17.768	ug/l	87
16) Acetone	4.161	43	77	15.222	ug/l #	47
20) Methylene Chloride	4.955	84	447	2.975	ug/l #	51
25) 2-Butanone	7.185	43	115	13.932	ug/l #	52
26) 2,2-Dichloropropane	7.191	77	60	1.340	ug/l #	54
29) Tetrahydrofuran	7.420	42	55	10.987	ug/l #	38
30) Chloroform	7.938	83	114	2.118	ug/l #	17
31) Cyclohexane	8.143	56	55	1.106	ug/l #	2
32) 1,1,1-Trichloroethane	8.073	97	58	1.211	ug/l #	22
36) 1,1-Dichloropropene	7.991	75	59	1.041	ug/l #	17
37) Ethyl Acetate	7.185	43	115	4.529	ug/l #	72
38) Carbon Tetrachloride	7.967	117	220	3.926	ug/l #	13
39) Methylcyclohexane	9.361	83	451	6.828	ug/l #	17
41) Methacrylonitrile	7.532	41	67	5.127	ug/l #	27
43) Isopropyl Acetate	8.473	43	143	3.041	ug/l #	54
45) 1,2-Dichloropropane	9.367	63	63	1.589	ug/l #	42
46) Dibromomethane	9.455	93	266	12.033	ug/l #	39
47) Bromodichloromethane	9.667	83	168	3.006	ug/l #	24
48) Methyl methacrylate	9.467	41	203	8.759	ug/l #	1
51) 4-Methyl-2-Pentanone	10.232	43	406	16.775	ug/l #	39
53) t-1,3-Dichloropropene	10.567	75	55	1.083	ug/l #	69
55) 1,1,2-Trichloroethane	10.773	97	809	27.797	ug/l #	39
56) Ethyl methacrylate	10.661	69	430	12.084	ug/l #	74
57) 1,3-Dichloropropane	11.196	76	103	1.999	ug/l #	14
59) 2-Hexanone	10.973	43	421	26.080	ug/l #	27
60) Dibromochloromethane	11.155	129	791	21.583	ug/l	73
61) 1,2-Dibromoethane	10.967	107	278	9.831	ug/l	93
64) Tetrachloroethene	10.855	164	132	3.130	ug/l #	4
65) Chlorobenzene	11.649	112	1220	9.653	ug/l #	42
66) 1,1,1,2-Tetrachloroethane	11.543	131	672	14.700	ug/l	94
67) Ethyl Benzene	11.732	91	493	2.209	ug/l #	36
68) m/p-Xylenes	11.843	106	175	2.040	ug/l #	42
69) o-Xylene	12.143	106	381	4.752	ug/l	34
70) Styrene	12.167	104	878	6.410	ug/l #	48
71) Bromoform	12.343	173	969	39.641	ug/l #	61

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

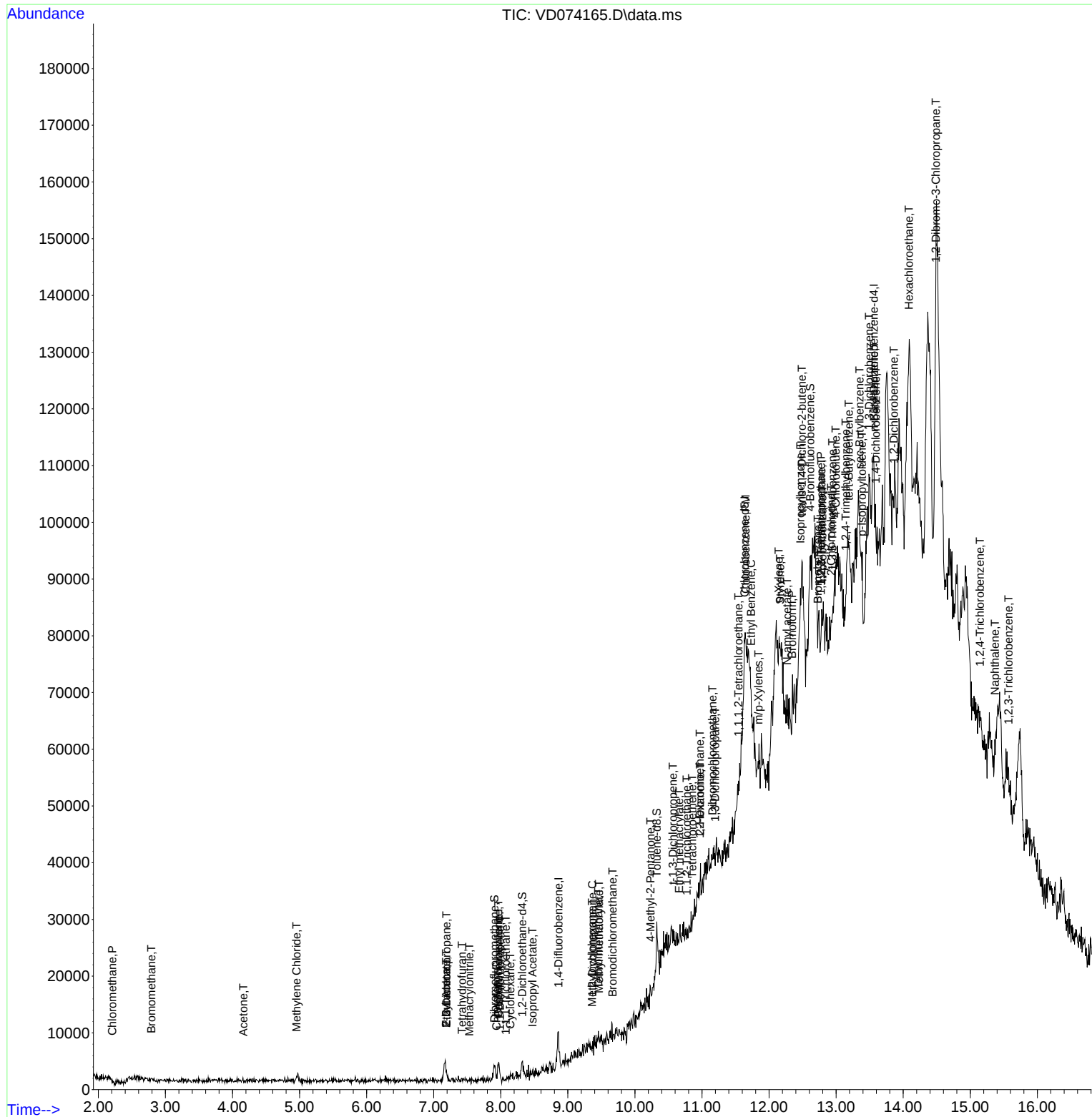
73) Isopropylbenzene	12.467	105	732	3.239	ug/l	84
74) N-amyl acetate	12.267	43	1004	17.700	ug/l #	40
75) 1,1,2,2-Tetrachloroethane	12.773	83	1750	40.450	ug/l #	48
76) 1,2,3-Trichloropropane	12.779	75	59	1.836	ug/l #	100
77) Bromobenzene	12.726	156	54	1.042	ug/l #	1
78) n-propylbenzene	12.796	91	2278	8.131	ug/l	84
79) 2-Chlorotoluene	12.926	91	737	4.583	ug/l	76
80) 1,3,5-Trimethylbenzene	12.943	105	826	4.372	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.490	75	60	4.886	ug/l #	1
82) 4-Chlorotoluene	12.996	91	456	2.695	ug/l	91
83) tert-Butylbenzene	13.190	119	1813	11.347	ug/l #	67
84) 1,2,4-Trimethylbenzene	13.143	105	602	3.234	ug/l	99
85) sec-Butylbenzene	13.349	105	419	1.725	ug/l	83
86) p-Isopropyltoluene	13.384	119	1315	6.521	ug/l	84
87) 1,3-Dichlorobenzene	13.490	146	1233	11.923	ug/l #	14
88) 1,4-Dichlorobenzene	13.590	146	763	7.389	ug/l #	64
89) n-Butylbenzene	13.567	91	625	3.178	ug/l	86
90) Hexachloroethane	14.084	117	618	15.681	ug/l #	17
91) 1,2-Dichlorobenzene	13.861	146	453	4.956	ug/l #	8
92) 1,2-Dibromo-3-Chloropr...	14.484	75	64	8.620	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.143	180	187	3.499	ug/l #	15
95) Naphthalene	15.367	128	417	3.853	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.573	180	53	1.125	ug/l #	1

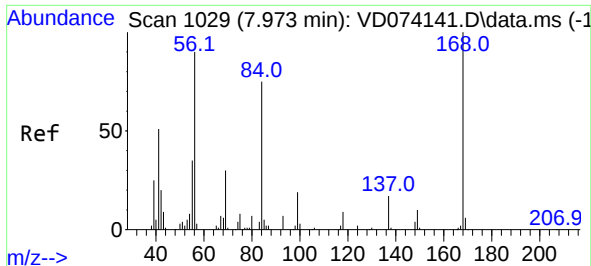
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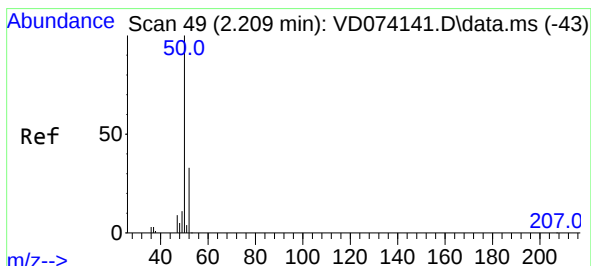
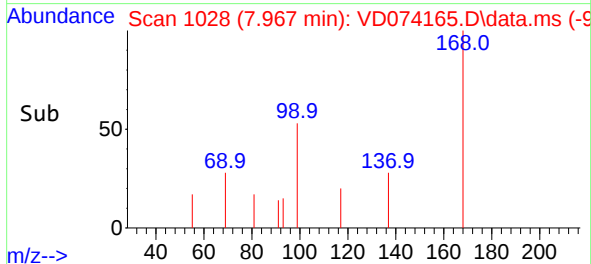
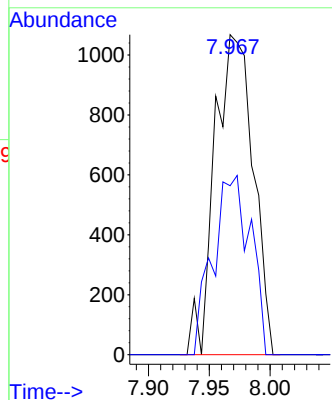
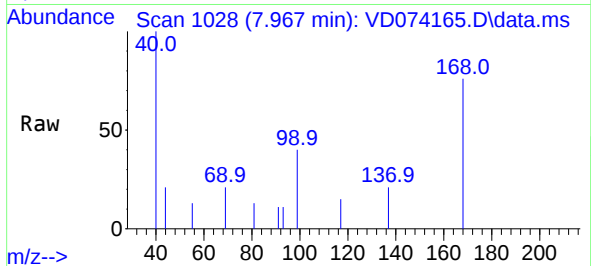




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VD074165.D
Acq: 19 Aug 2022 23:16

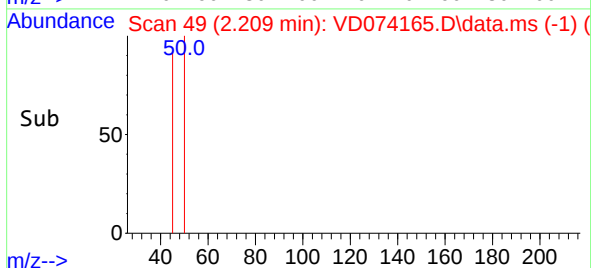
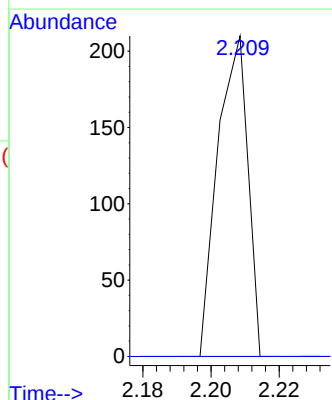
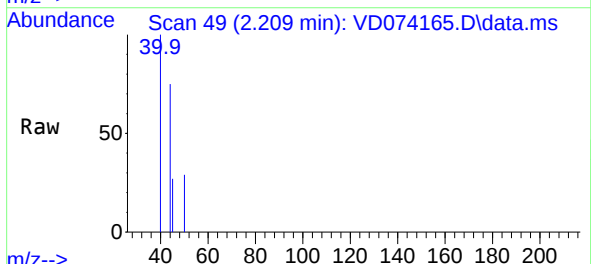
Instrument :
MSVOA_D
ClientSampleId :
280251

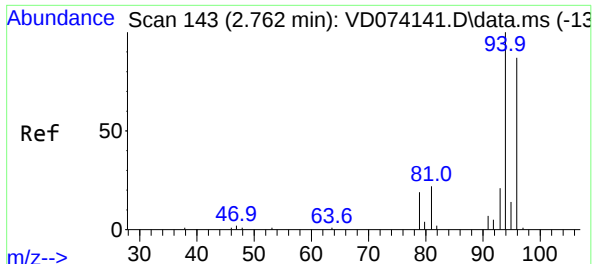
Tgt Ion:168 Resp: 2348
Ion Ratio Lower Upper
168 100
99 52.8 49.8 74.6



#3
Chloromethane
Concen: 6.105 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD074165.D
Acq: 19 Aug 2022 23:16

Tgt Ion: 50 Resp: 129
Ion Ratio Lower Upper
50 100
52 0.0 27.4 41.0#

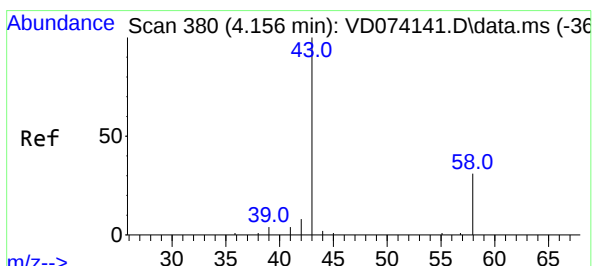
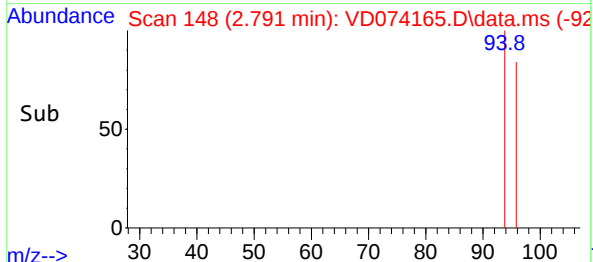
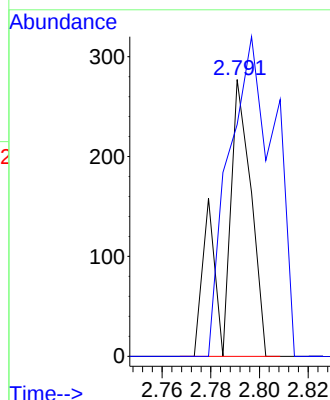
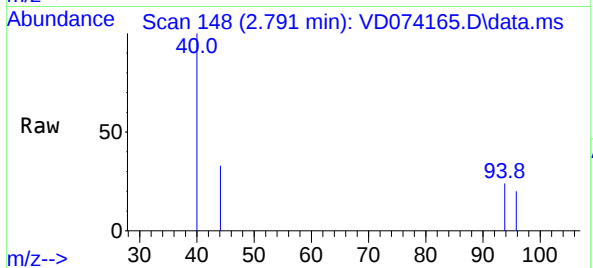




#5
Bromomethane
Concen: 17.768 ug/l
RT: 2.791 min Scan# 14
Delta R.T. 0.029 min
Lab File: VD074165.D
Acq: 19 Aug 2022 23:16

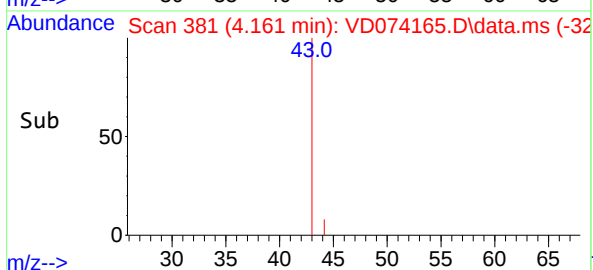
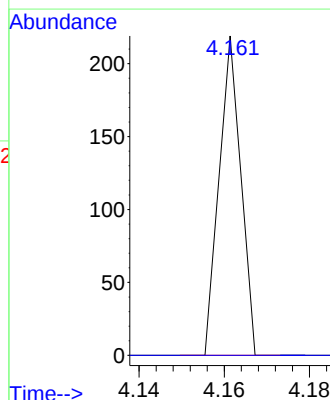
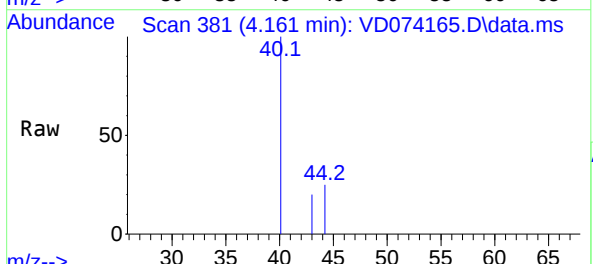
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ClientSampleId :
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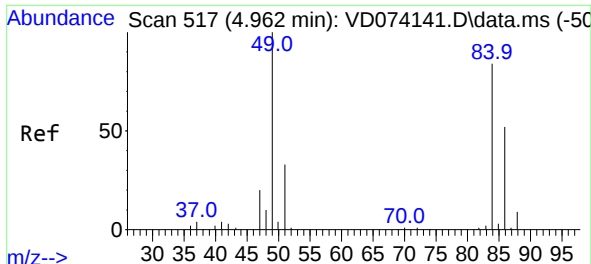
Tgt Ion: 94 Resp: 211
Ion Ratio Lower Upper
94 100
96 83.8 77.6 116.4



#16
Acetone
Concen: 15.222 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.005 min
Lab File: VD074165.D
Acq: 19 Aug 2022 23:16

Tgt Ion: 43 Resp: 77
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#



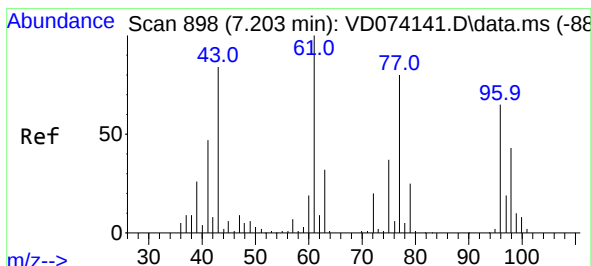
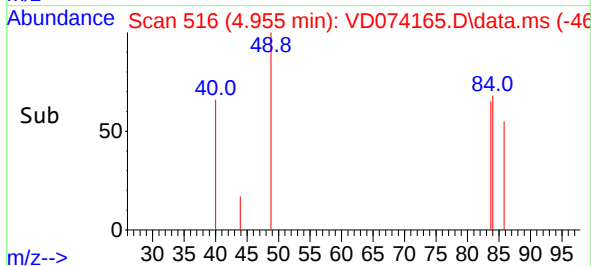
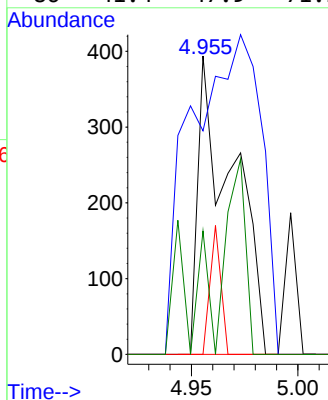
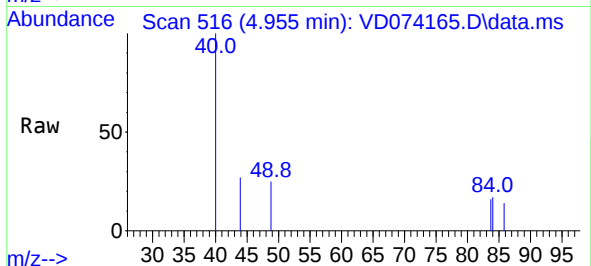


#20
Methylene Chloride
Concen: 2.975 ug/l
RT: 4.955 min Scan# 516
Delta R.T. -0.007 min
Lab File: VD074165.D
Acq: 19 Aug 2022 23:16

Instrument :
MSVOA_D
ClientSampleId :
280251

Tgt Ion: 84 Resp: 447

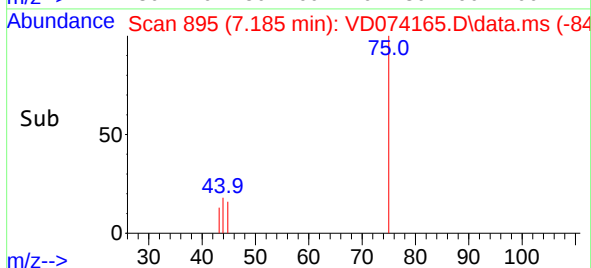
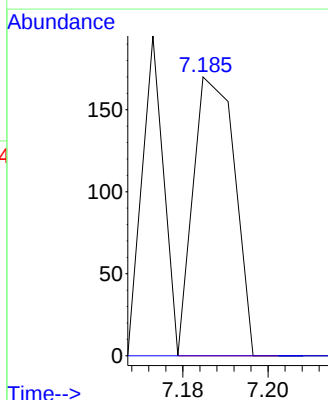
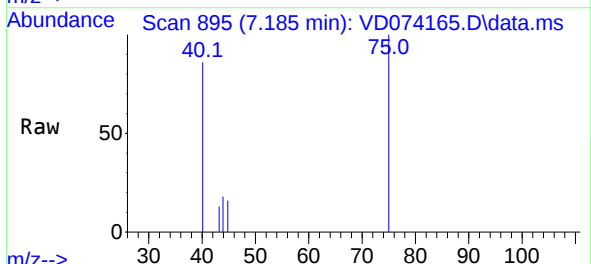
Ion	Ratio	Lower	Upper
84	100		
49	74.9	112.8	169.2#
51	0.0	32.6	48.8#
86	41.4	47.9	71.9#

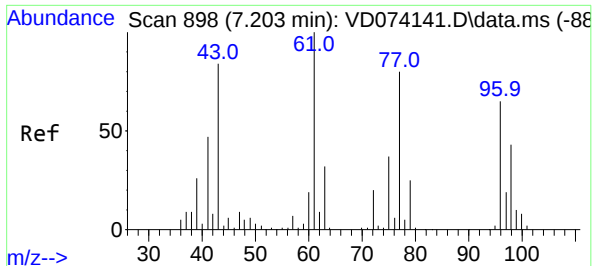


#25
2-Butanone
Concen: 13.932 ug/l
RT: 7.185 min Scan# 895
Delta R.T. -0.018 min
Lab File: VD074165.D
Acq: 19 Aug 2022 23:16

Tgt Ion: 43 Resp: 115

Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.6	27.8#





#26

2,2-Dichloropropane

Concen: 1.340 ug/l

RT: 7.191 min Scan# 898

Delta R.T. -0.012 min

Lab File: VD074165.D

Acq: 19 Aug 2022 23:16

Instrument :

MSVOA_D

ClientSampleId :

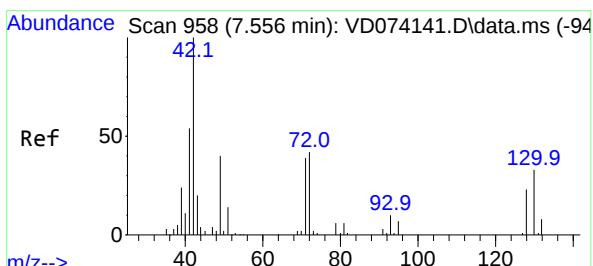
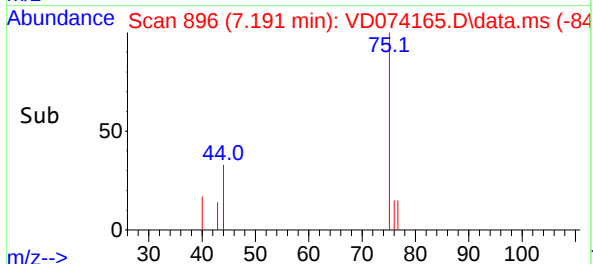
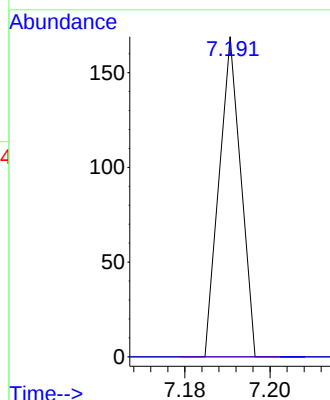
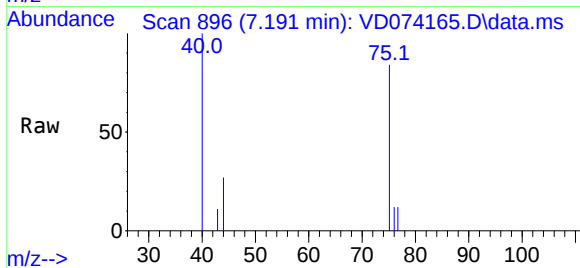
280251

Tgt Ion: 77 Resp: 60

Ion Ratio Lower Upper

77 100

97 0.0 10.8 32.4#



#29

Tetrahydrofuran

Concen: 10.987 ug/l

RT: 7.420 min Scan# 935

Delta R.T. -0.136 min

Lab File: VD074165.D

Acq: 19 Aug 2022 23:16

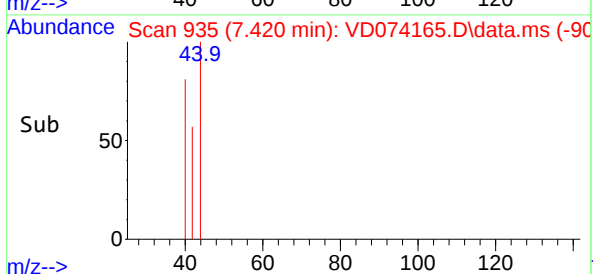
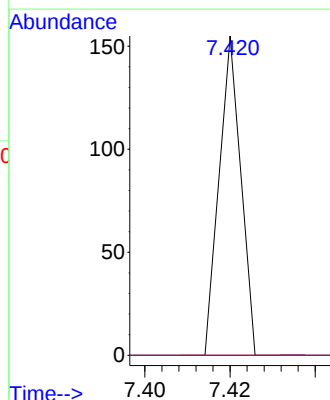
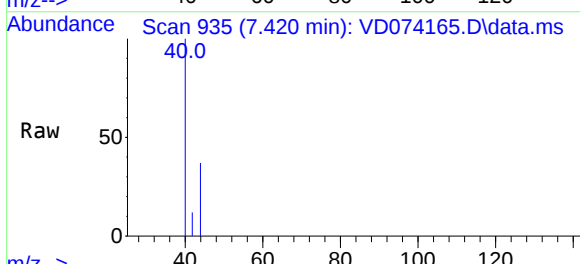
Tgt Ion: 42 Resp: 55

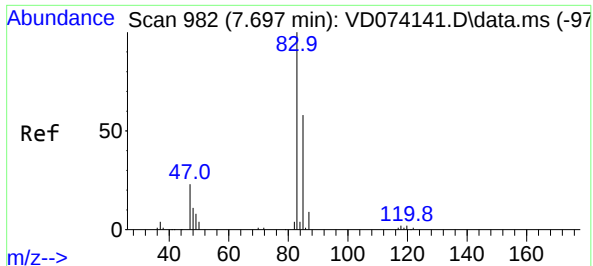
Ion Ratio Lower Upper

42 100

72 0.0 30.7 46.1#

71 0.0 28.6 43.0#





#30

Chloroform

Concen: 2.118 ug/l

RT: 7.938 min Scan# 1023

Delta R.T. 0.241 min

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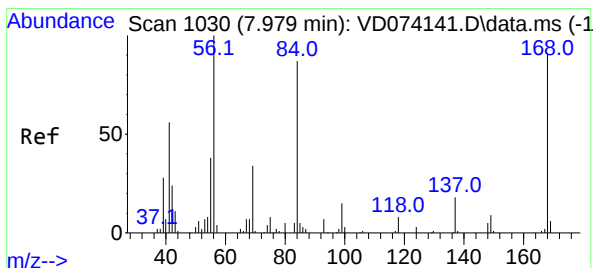
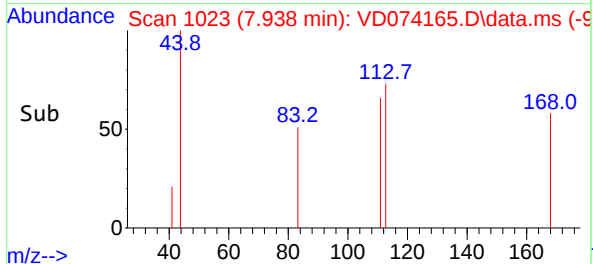
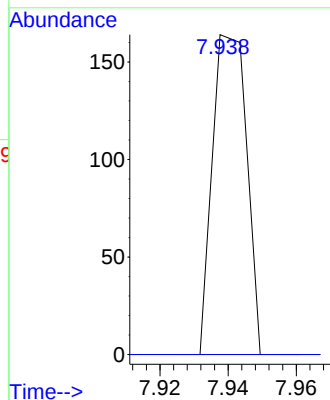
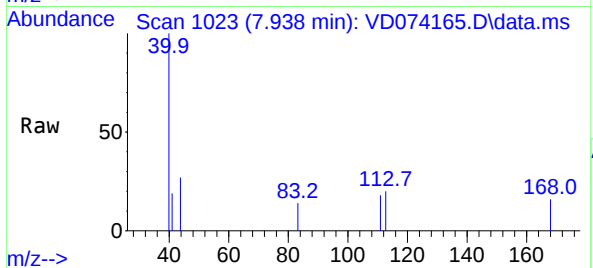
280251

Tgt Ion: 83 Resp: 114

Ion Ratio Lower Upper

83 100

85 0.0 52.7 79.1#



#31

Cyclohexane

Concen: 1.106 ug/l

RT: 8.143 min Scan# 1058

Delta R.T. 0.164 min

Lab File: VD074165.D

Acq: 19 Aug 2022 23:16

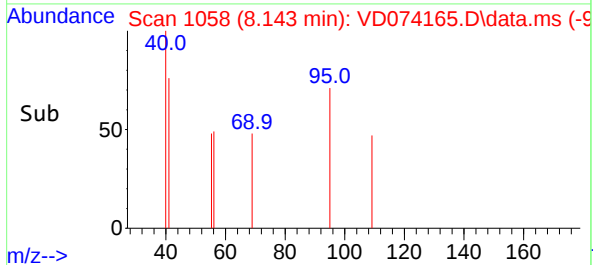
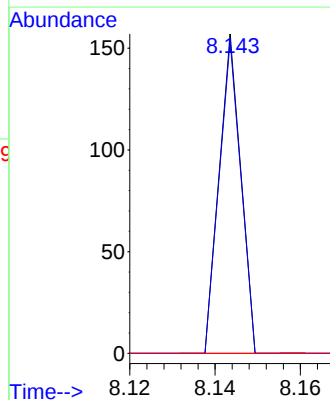
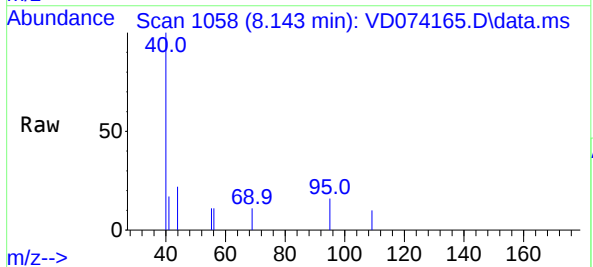
Tgt Ion: 56 Resp: 55

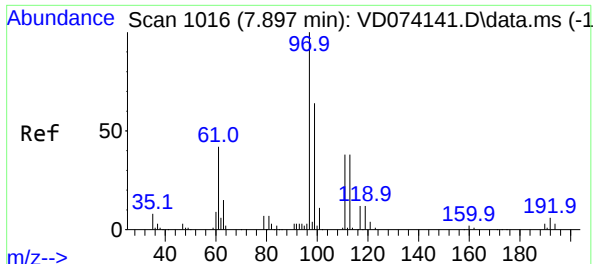
Ion Ratio Lower Upper

56 100

69 98.1 25.4 38.2#

84 0.0 63.0 94.4#

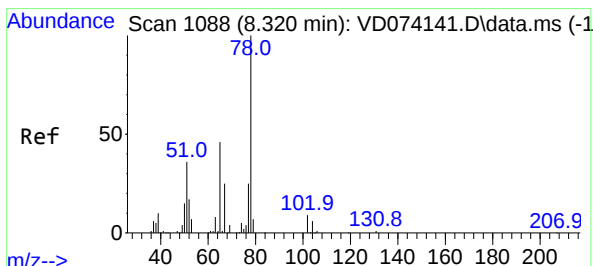
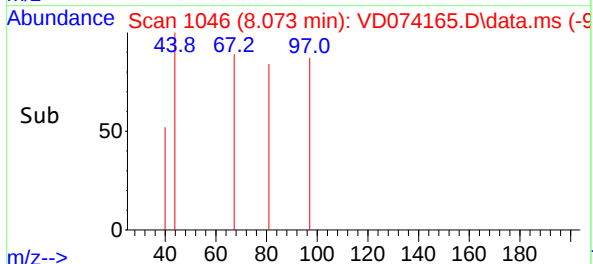
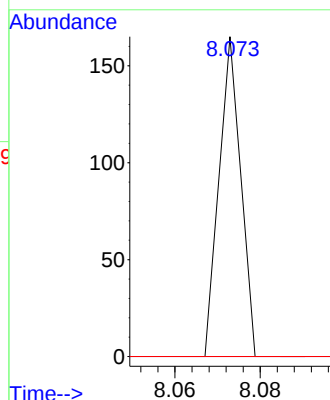
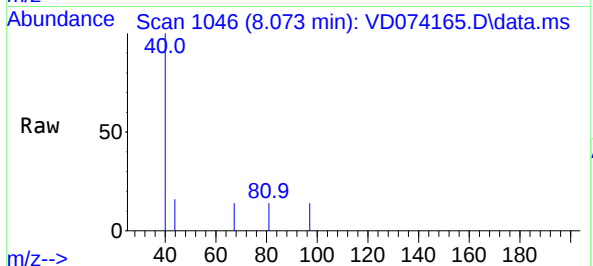




#32
1,1,1-Trichloroethane
Concen: 1.211 ug/l
RT: 8.073 min Scan# 1046
Delta R.T. 0.176 min
Lab File: VD074165.D
Acq: 19 Aug 2022 23:16

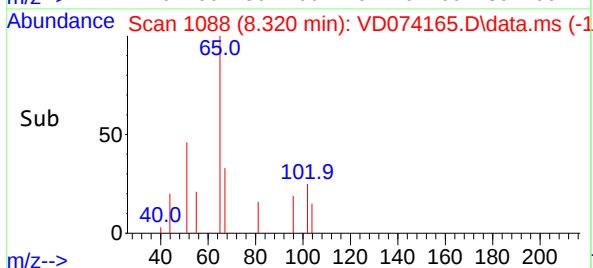
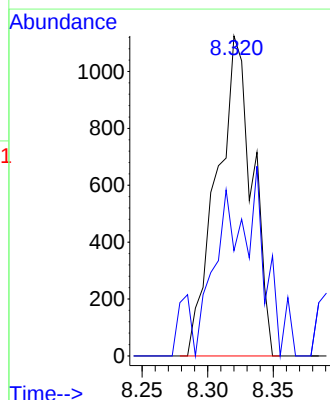
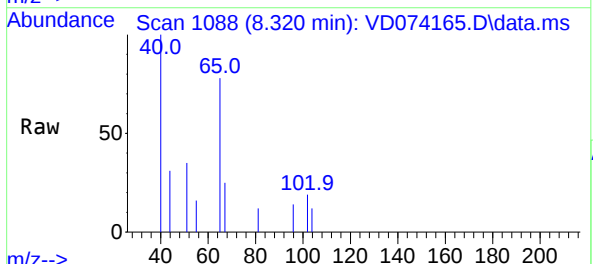
Instrument :
MSVOA_D
ClientSampleId :
280251

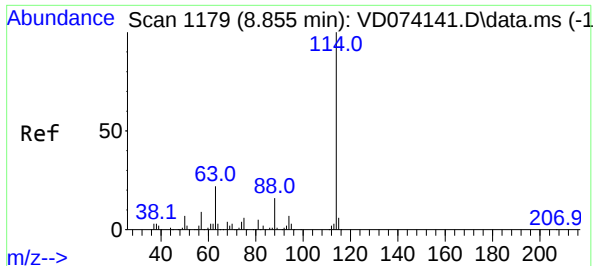
Tgt Ion:	97	Resp:	58
Ion	Ratio	Lower	Upper
97	100		
99	0.0	52.4	78.6#
61	0.0	38.0	57.0#



#33
1,2-Dichloroethane-d4
Concen: 131.321 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VD074165.D
Acq: 19 Aug 2022 23:16

Tgt Ion:	65	Resp:	2122
Ion	Ratio	Lower	Upper
65	100		
67	29.9	0.0	101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1179

Delta R.T. 0.006 min

Lab File: VD074165.D

Acq: 19 Aug 2022 23:16

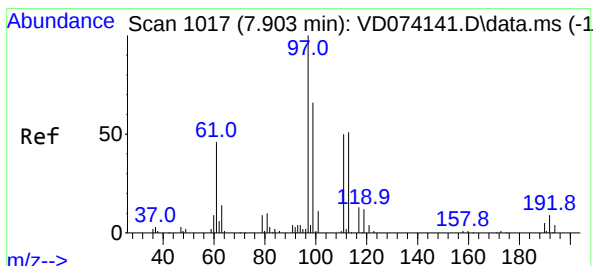
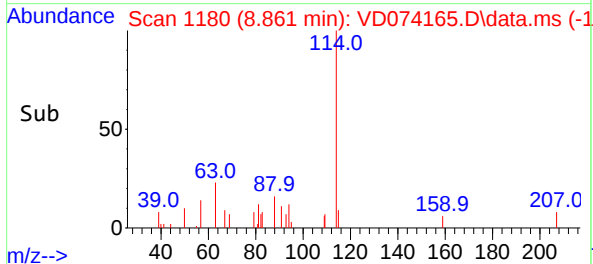
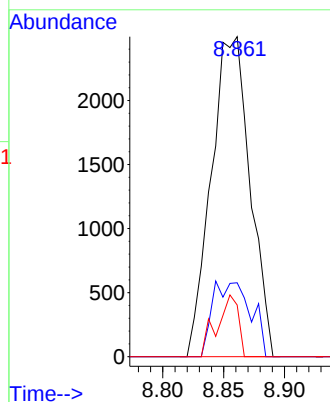
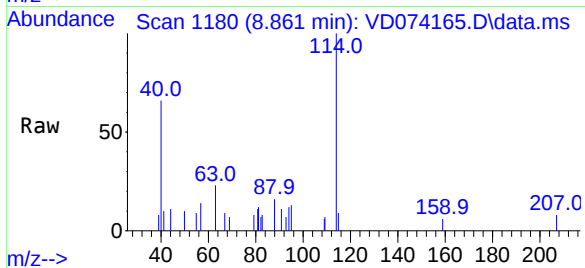
Instrument :

MSVOA_D

ClientSampleId :

280251

Tgt Ion:114	Resp:	5536
Ion	Ratio	Lower Upper
114	100	
63	23.1	0.0 46.6
88	16.1	0.0 33.2



#35

Dibromofluoromethane

Concen: 71.389 ug/l

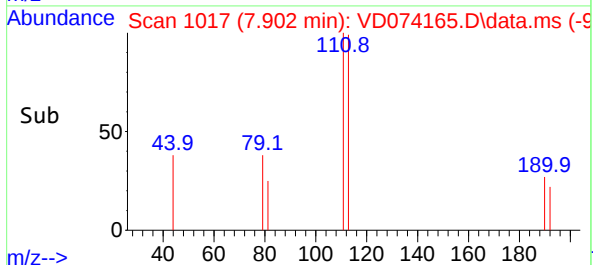
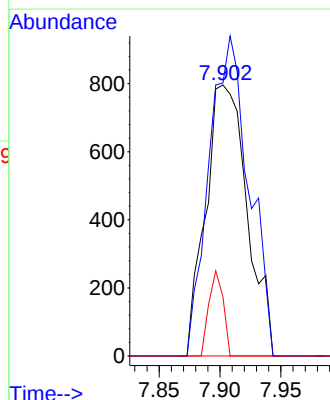
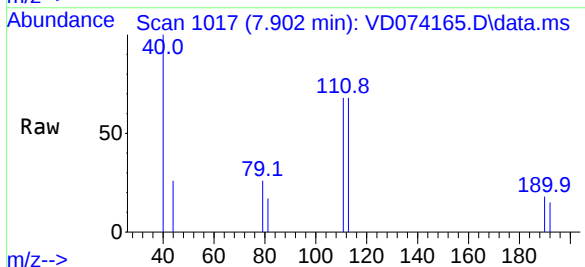
RT: 7.902 min Scan# 1017

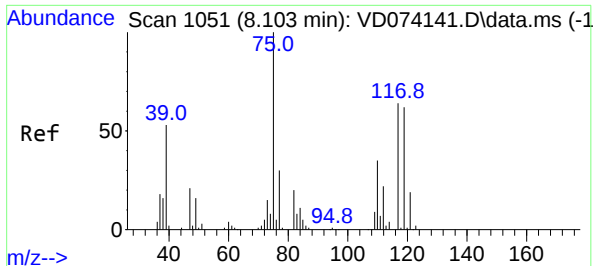
Delta R.T. -0.001 min

Lab File: VD074165.D

Acq: 19 Aug 2022 23:16

Tgt Ion:113	Resp:	1889
Ion	Ratio	Lower Upper
113	100	
111	113.6	83.8 125.6
192	10.7	14.6 21.8

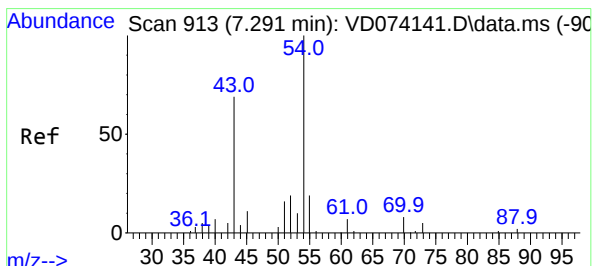
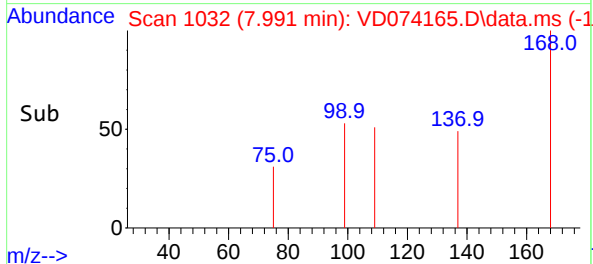
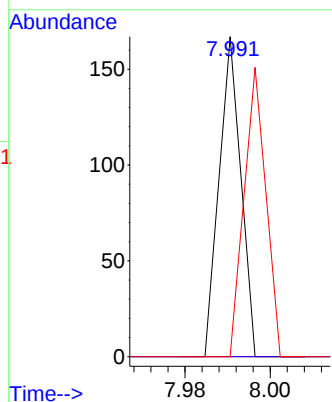
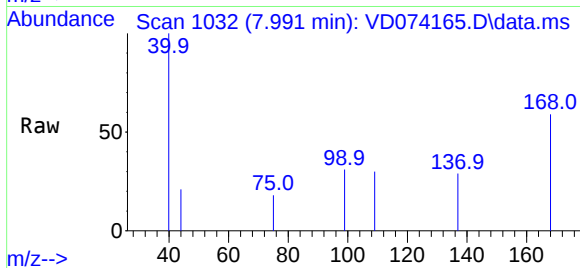




#36
1,1-Dichloropropene
Concen: 1.041 ug/l
RT: 7.991 min Scan# 1051
Delta R.T. -0.112 min
Lab File: VD074165.D
Acq: 19 Aug 2022 23:16

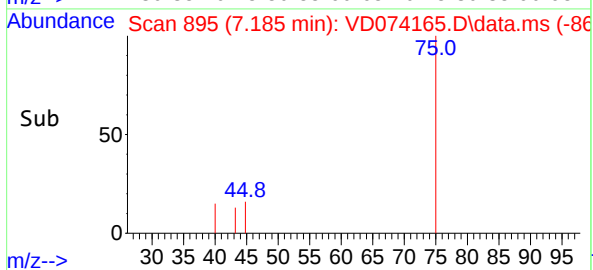
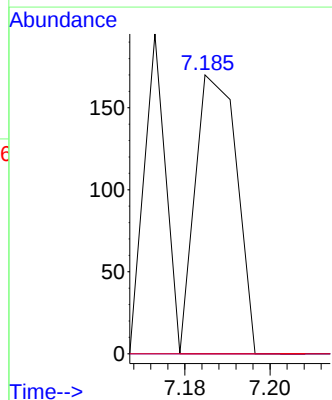
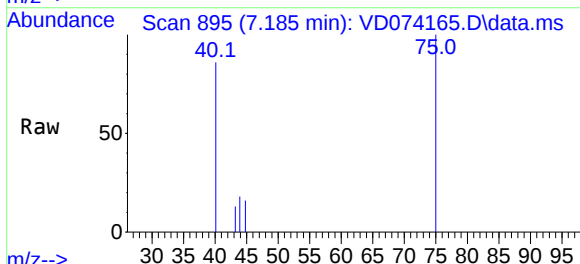
Instrument :
MSVOA_D
ClientSampleId :
280251

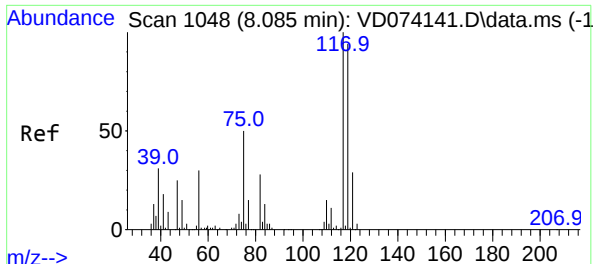
Tgt Ion: 75	Resp: 59
Ion Ratio	Lower Upper
75 100	
110 0.0	16.4 49.1#
77 89.8	24.2 36.2#



#37
Ethyl Acetate
Concen: 4.529 ug/l
RT: 7.185 min Scan# 895
Delta R.T. -0.106 min
Lab File: VD074165.D
Acq: 19 Aug 2022 23:16

Tgt Ion: 43	Resp: 115
Ion Ratio	Lower Upper
43 100	
61 0.0	9.8 14.8#
70 0.0	6.9 10.3#

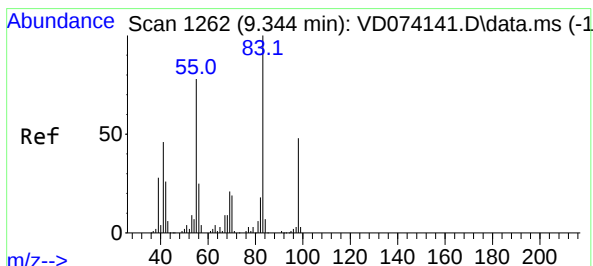
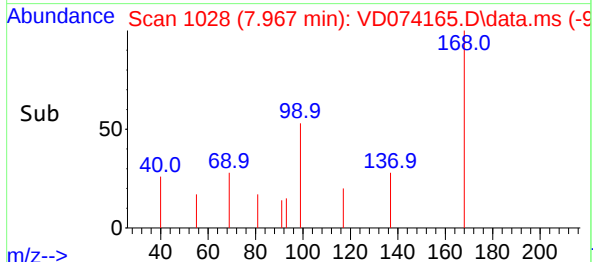
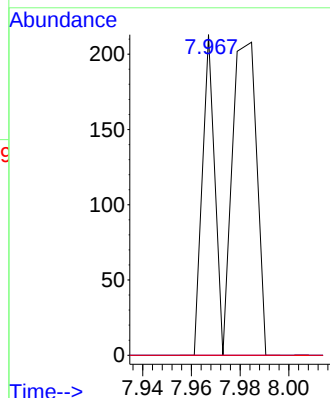
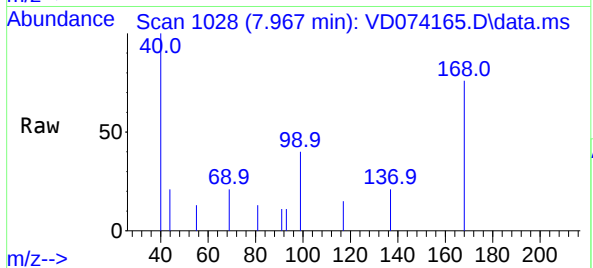




#38
Carbon Tetrachloride
Concen: 3.926 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.118 min
Lab File: VD074165.D
Acq: 19 Aug 2022 23:16

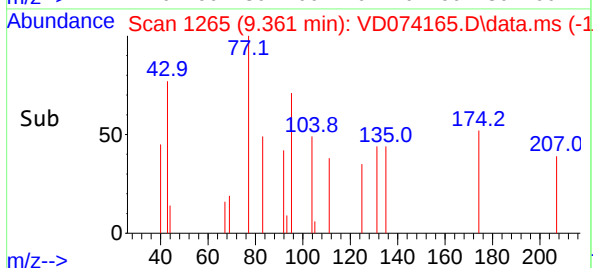
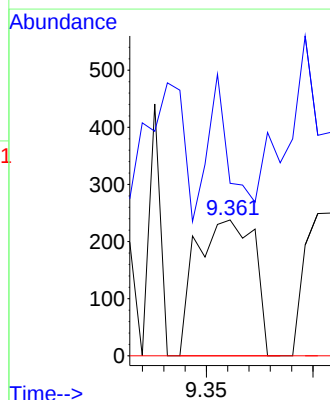
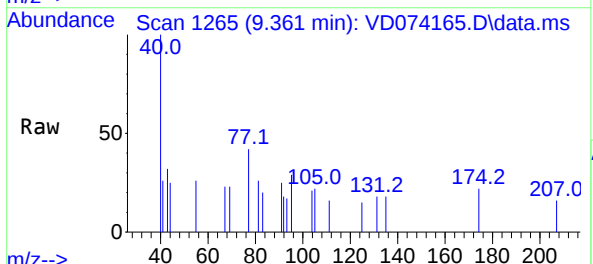
Instrument : MSVOA_D
ClientSampleId : 280251

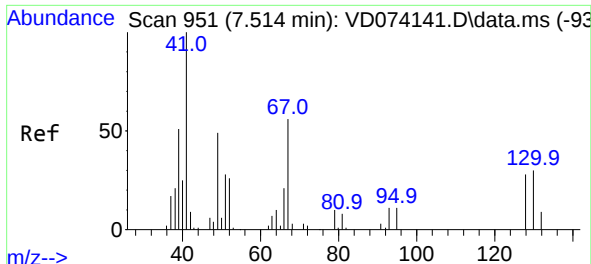
Tgt Ion: 117 Resp: 220
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.5 36.7#



#39
Methylcyclohexane
Concen: 6.828 ug/l
RT: 9.361 min Scan# 1265
Delta R.T. 0.017 min
Lab File: VD074165.D
Acq: 19 Aug 2022 23:16

Tgt Ion: 83 Resp: 451
Ion Ratio Lower Upper
83 100
55 0.0 63.2 94.8#
98 0.0 38.2 57.4#

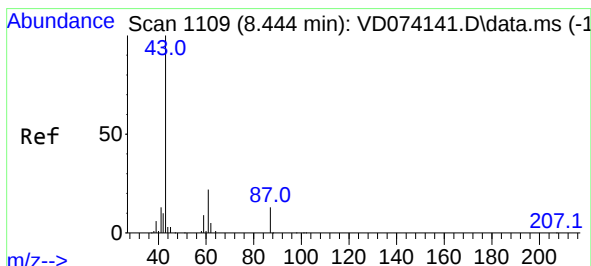
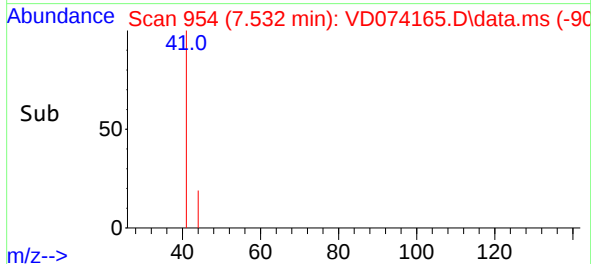
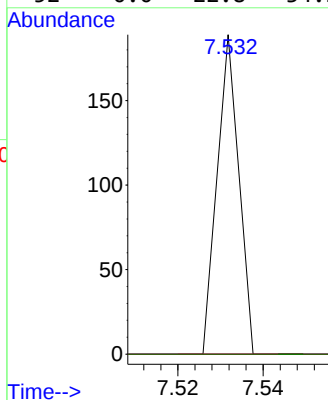
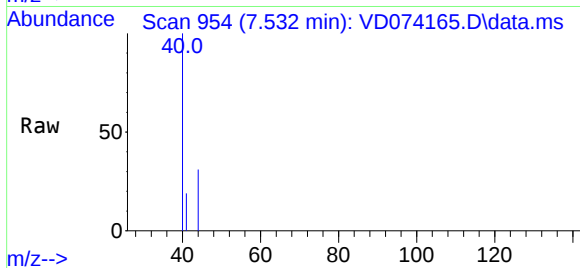




#41
Methacrylonitrile
Concen: 5.127 ug/l
RT: 7.532 min Scan# 91
Delta R.T. 0.018 min
Lab File: VD074165.D
Acq: 19 Aug 2022 23:16

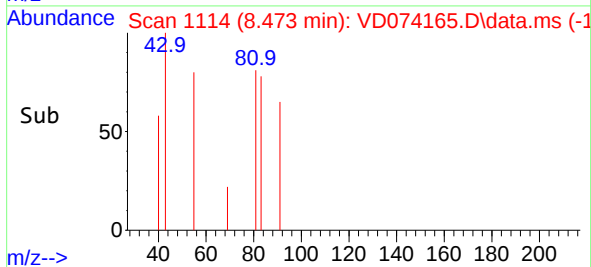
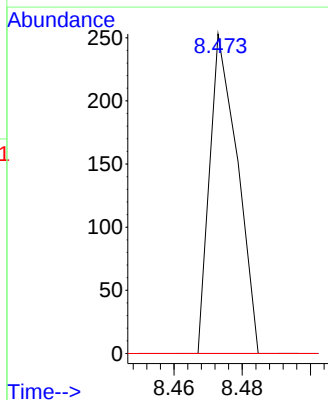
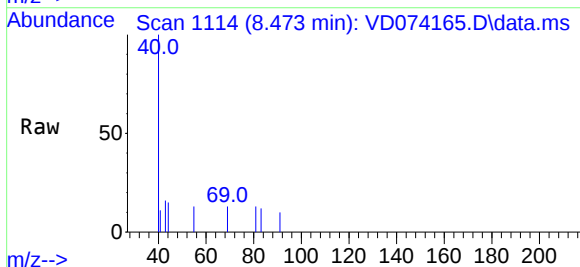
Instrument :
MSVOA_D
ClientSampleId :
280251

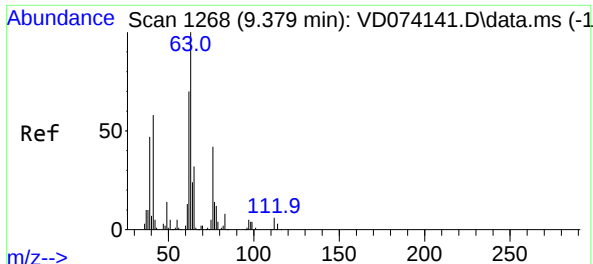
Tgt Ion:	41	Resp:	67
Ion	Ratio	Lower	Upper
41	100		
39	0.0	44.6	67.0#
67	0.0	48.2	72.4#
52	0.0	22.8	34.2#



#43
Isopropyl Acetate
Concen: 3.041 ug/l
RT: 8.473 min Scan# 1114
Delta R.T. 0.029 min
Lab File: VD074165.D
Acq: 19 Aug 2022 23:16

Tgt Ion:	43	Resp:	143
Ion	Ratio	Lower	Upper
43	100		
61	0.0	22.4	33.6#
87	0.0	8.7	13.1#

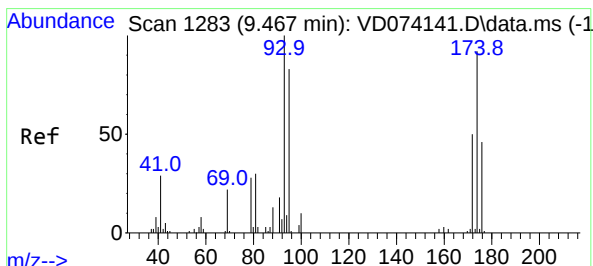
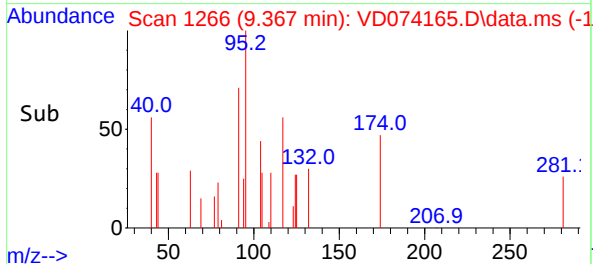
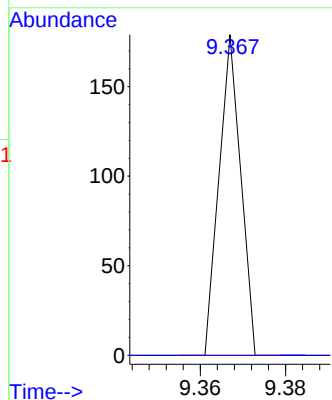
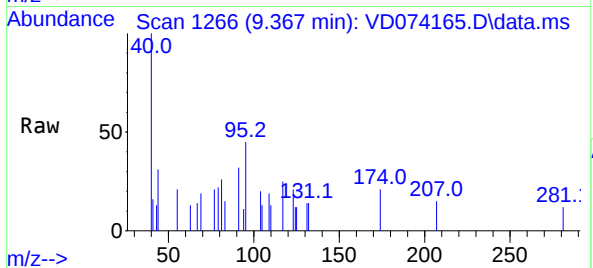




#45
1,2-Dichloropropane
Concen: 1.589 ug/l
RT: 9.367 min Scan# 1266
Delta R.T. -0.012 min
Lab File: VD074165.D
Acq: 19 Aug 2022 23:16

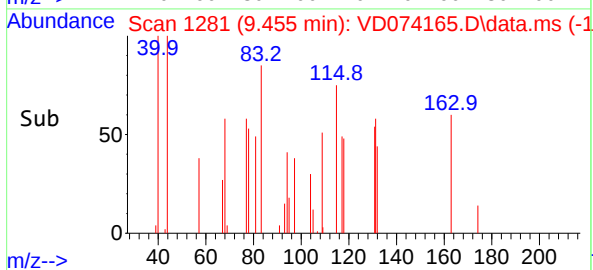
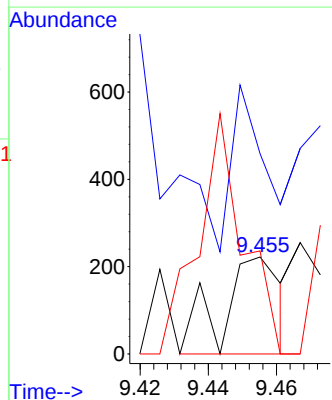
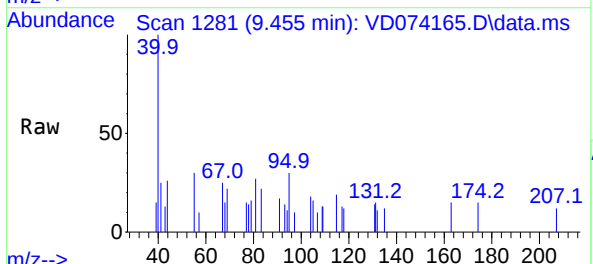
Instrument :
MSVOA_D
ClientSampleId :
280251

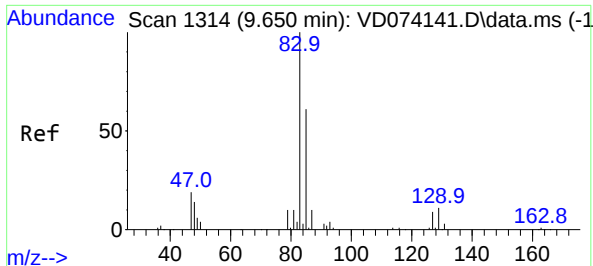
Tgt Ion: 63 Resp: 63
Ion Ratio Lower Upper
63 100
65 0.0 26.2 39.4#



#46
Dibromomethane
Concen: 12.033 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. -0.012 min
Lab File: VD074165.D
Acq: 19 Aug 2022 23:16

Tgt Ion: 93 Resp: 266
Ion Ratio Lower Upper
93 100
95 94.7 66.7 100.1
174 189.8 71.6 107.4#

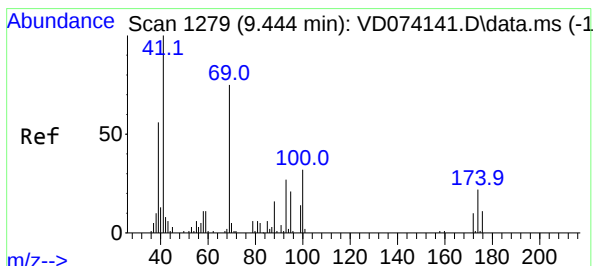
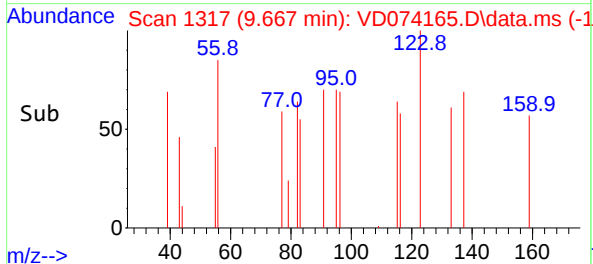
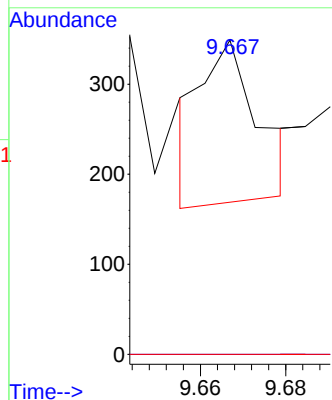
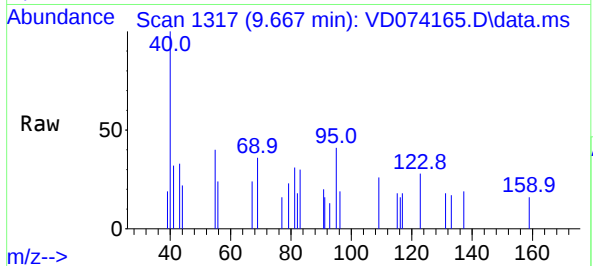




#47
Bromodichloromethane
Concen: 3.006 ug/l
RT: 9.667 min Scan# 11
Delta R.T. 0.017 min
Lab File: VD074165.D
Acq: 19 Aug 2022 23:16

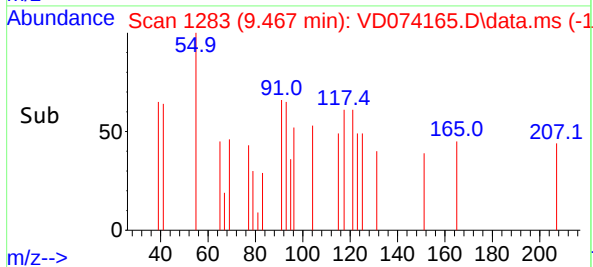
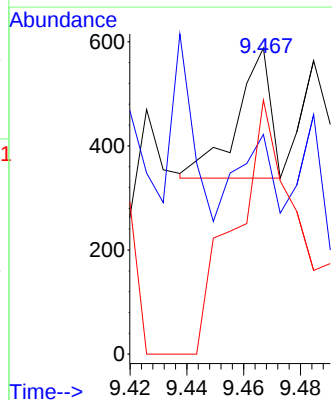
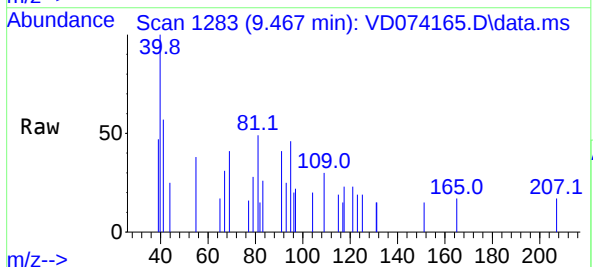
Instrument :
MSVOA_D
ClientSampleId :
280251

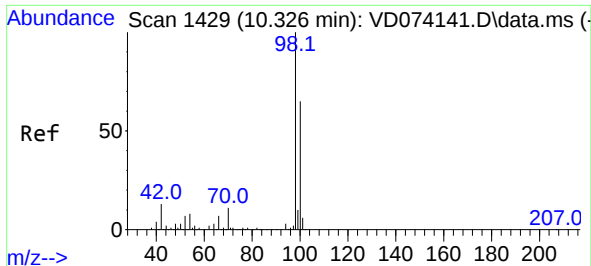
Tgt Ion: 83 Resp: 168
Ion Ratio Lower Upper
83 100
85 0.0 51.4 77.0#
127 0.0 6.1 9.1#



#48
Methyl methacrylate
Concen: 8.759 ug/l
RT: 9.467 min Scan# 1283
Delta R.T. 0.023 min
Lab File: VD074165.D
Acq: 19 Aug 2022 23:16

Tgt Ion: 41 Resp: 203
Ion Ratio Lower Upper
41 100
69 67.5 56.7 85.1
39 371.9 42.7 64.1#

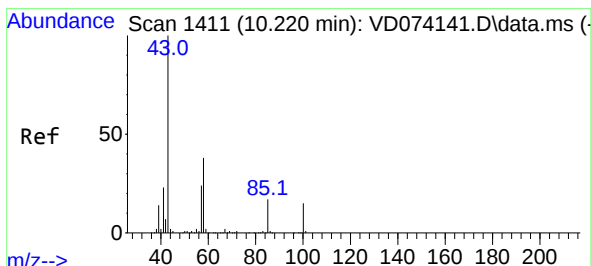
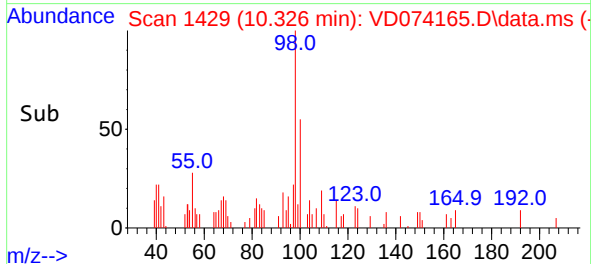
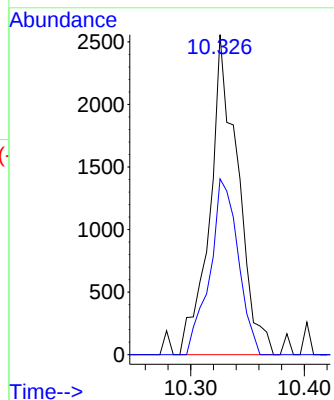
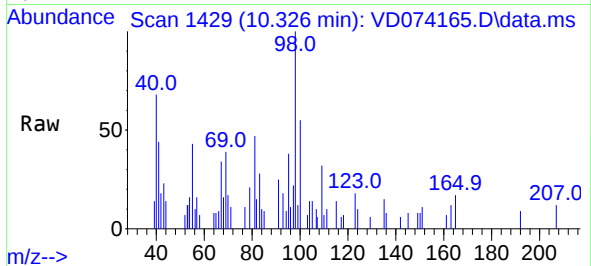




#50
Toluene-d8
Concen: 59.008 ug/l
RT: 10.326 min Scan# 1429
Delta R.T. -0.000 min
Lab File: VD074165.D
Acq: 19 Aug 2022 23:16

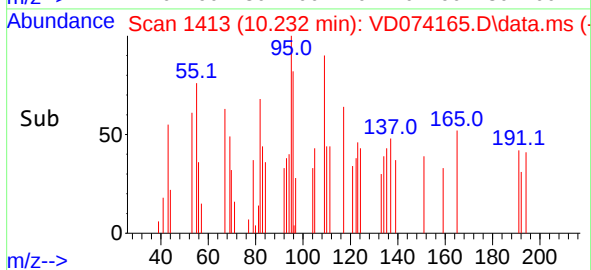
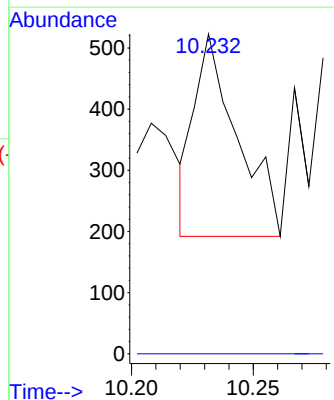
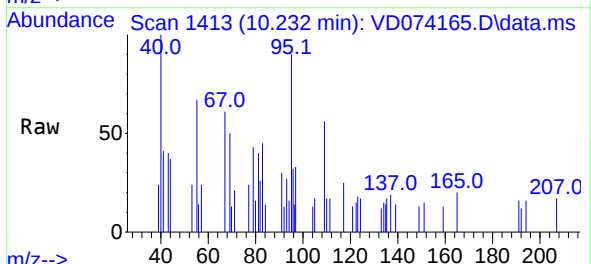
Instrument :
MSVOA_D
ClientSampleId :
280251

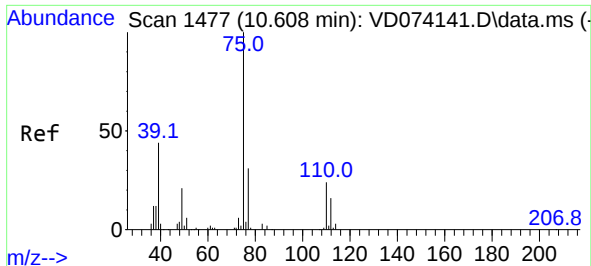
Tgt Ion: 98 Resp: 4396
Ion Ratio Lower Upper
98 100
100 55.0 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 16.775 ug/l
RT: 10.232 min Scan# 1413
Delta R.T. 0.012 min
Lab File: VD074165.D
Acq: 19 Aug 2022 23:16

Tgt Ion: 43 Resp: 406
Ion Ratio Lower Upper
43 100
58 0.0 28.6 43.0#

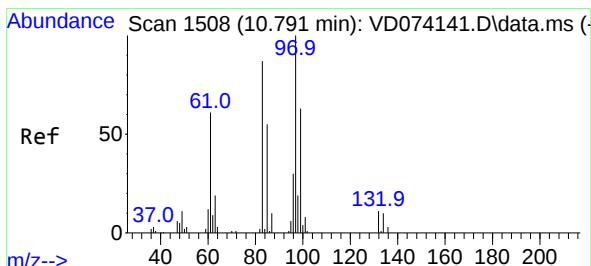
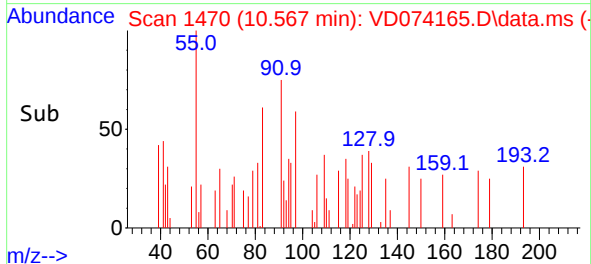
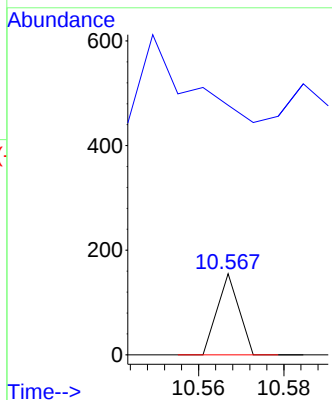
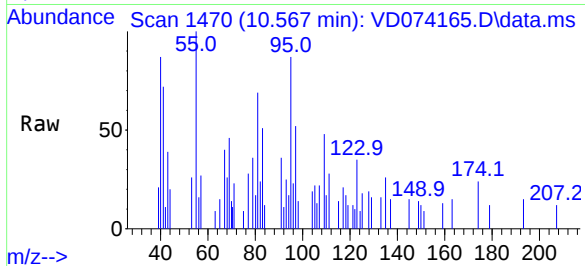




#53
t-1,3-Dichloropropene
Concen: 1.083 ug/l
RT: 10.567 min Scan# 1477
Delta R.T. -0.041 min
Lab File: VD074165.D
Acq: 19 Aug 2022 23:16

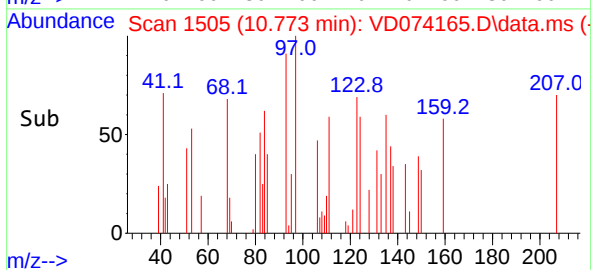
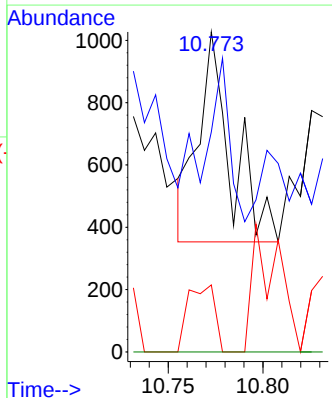
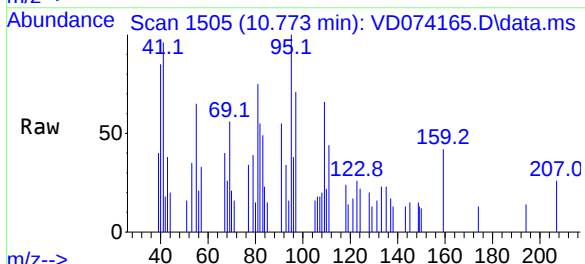
Instrument :
MSVOA_D
ClientSampleId :
280251

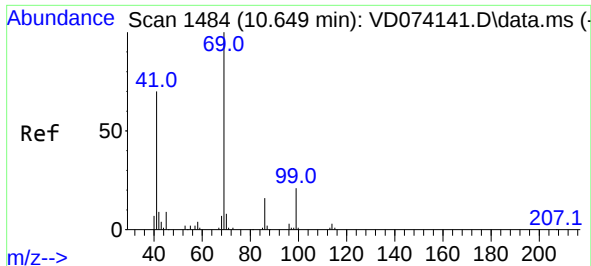
Tgt Ion: 75 Resp: 55
Ion Ratio Lower Upper
75 100
77 13.5 24.5 36.7#



#55
1,1,2-Trichloroethane
Concen: 27.797 ug/l
RT: 10.773 min Scan# 1505
Delta R.T. -0.018 min
Lab File: VD074165.D
Acq: 19 Aug 2022 23:16

Tgt Ion: 97 Resp: 809
Ion Ratio Lower Upper
97 100
83 26.6 69.0 103.4#
85 31.9 42.6 63.8#
99 0.0 51.7 77.5#

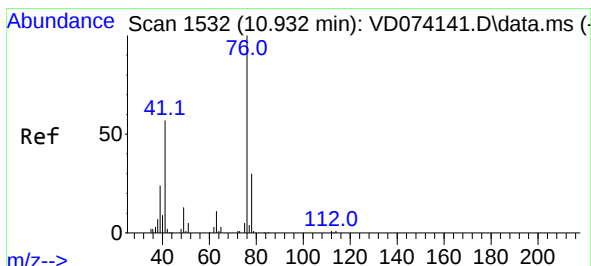
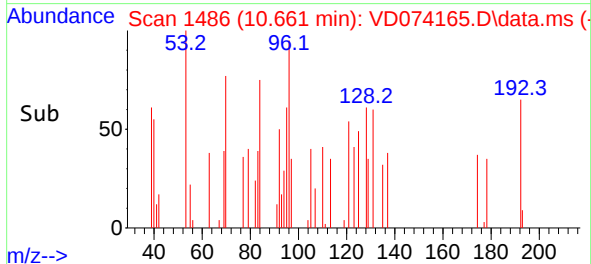
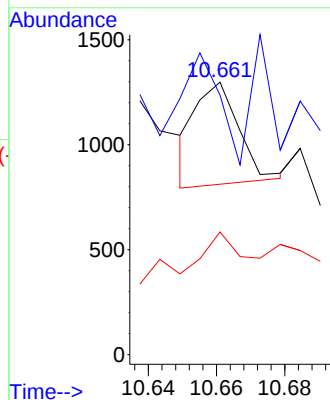
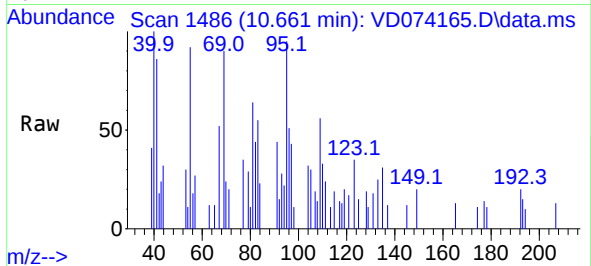




#56
Ethyl methacrylate
Concen: 12.084 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.012 min
Lab File: VD074165.D
Acq: 19 Aug 2022 23:16

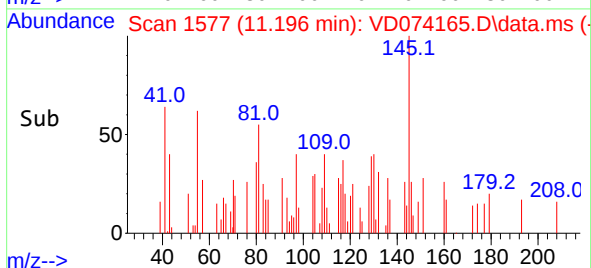
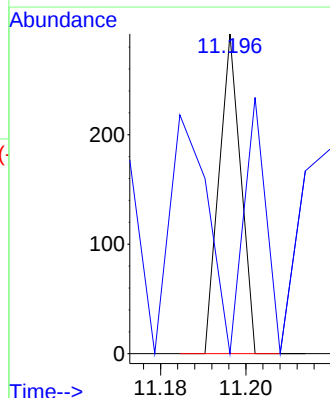
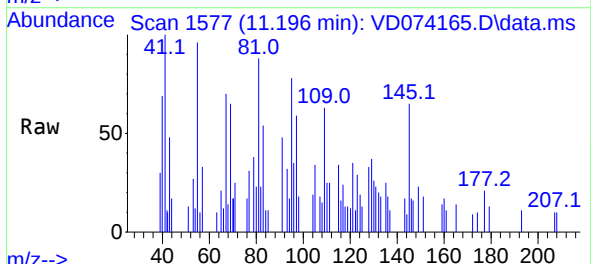
Instrument :
MSVOA_D
ClientSampleId :
280251

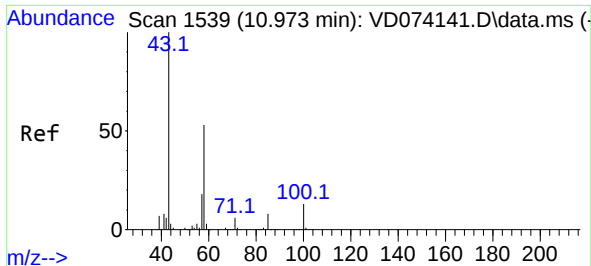
Tgt Ion: 69 Resp: 430
Ion Ratio Lower Upper
69 100
41 96.7 63.0 94.6#
39 64.7 33.8 50.8#



#57
1,3-Dichloropropane
Concen: 1.999 ug/l
RT: 11.196 min Scan# 1577
Delta R.T. 0.264 min
Lab File: VD074165.D
Acq: 19 Aug 2022 23:16

Tgt Ion: 76 Resp: 103
Ion Ratio Lower Upper
76 100
78 80.6 26.0 39.0#

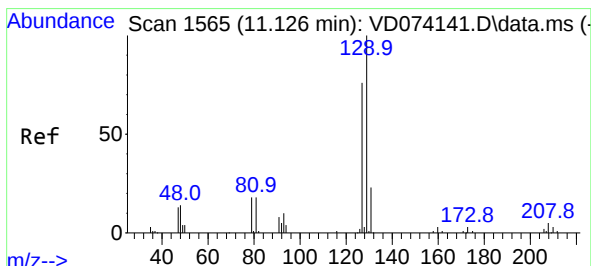
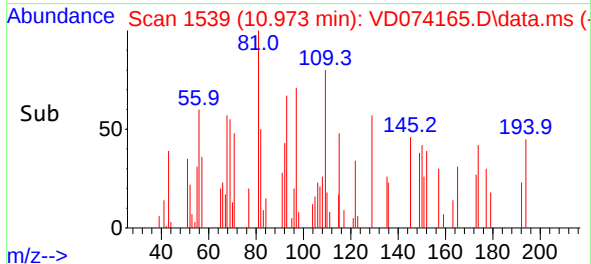
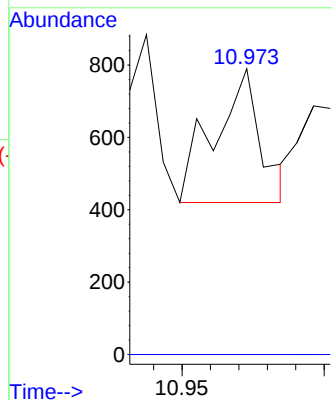
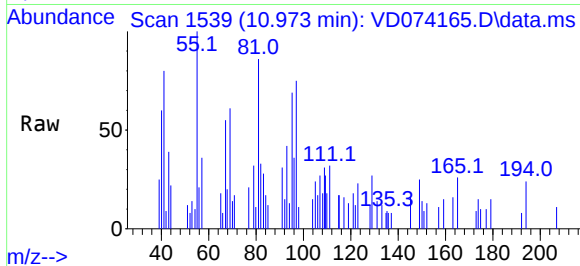




#59
2-Hexanone
Concen: 26.080 ug/l
RT: 10.973 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074165.D
Acq: 19 Aug 2022 23:16

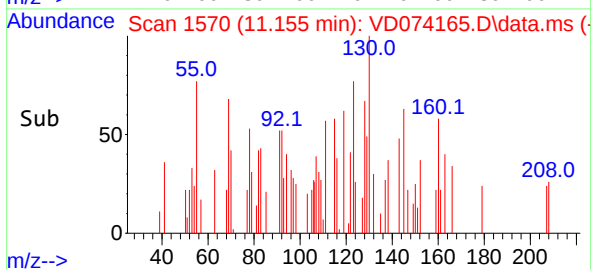
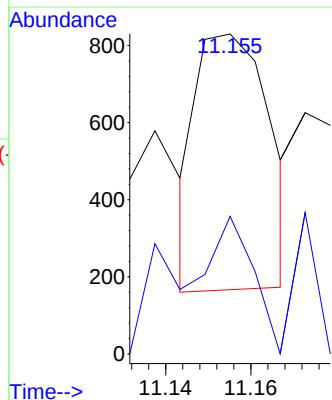
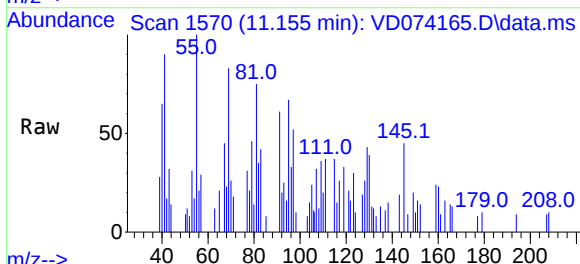
Instrument :
MSVOA_D
ClientSampleId :
280251

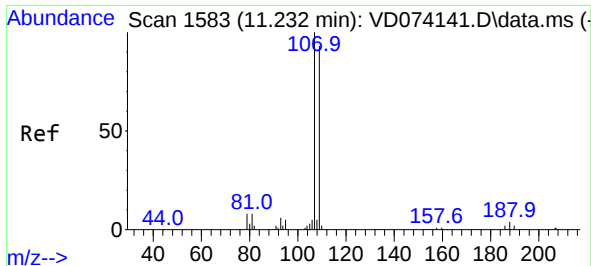
Tgt Ion: 43 Resp: 421
Ion Ratio Lower Upper
43 100
58 0.0 25.3 75.9#



#60
Dibromochloromethane
Concen: 21.583 ug/l
RT: 11.155 min Scan# 1570
Delta R.T. 0.029 min
Lab File: VD074165.D
Acq: 19 Aug 2022 23:16

Tgt Ion:129 Resp: 791
Ion Ratio Lower Upper
129 100
127 54.9 39.2 117.6

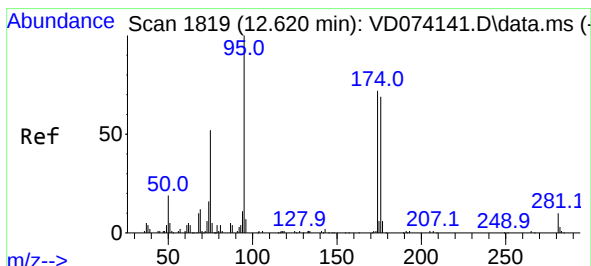
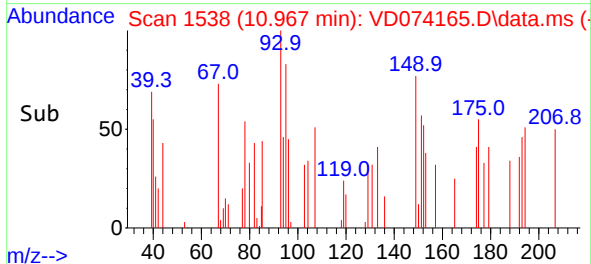
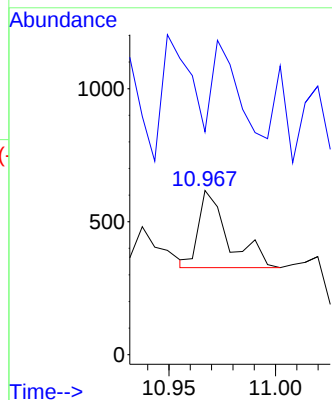
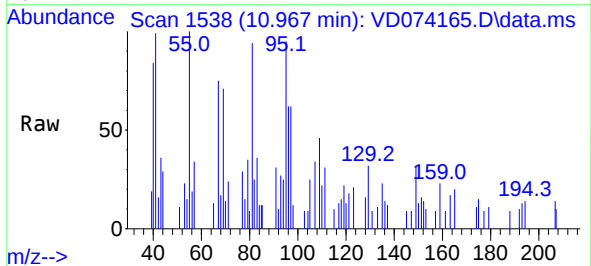




#61
1,2-Dibromoethane
Concen: 9.831 ug/l
RT: 10.967 min Scan# 11
Delta R.T. -0.265 min
Lab File: VD074165.D
Acq: 19 Aug 2022 23:16

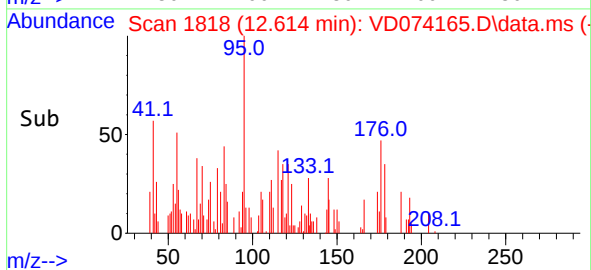
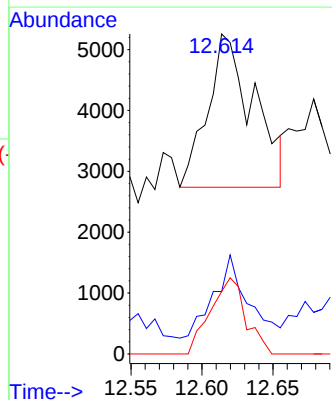
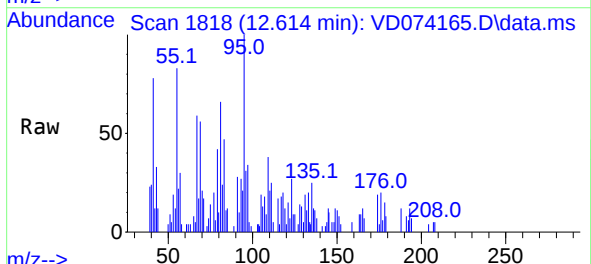
Instrument :
MSVOA_D
ClientSampleId :
280251

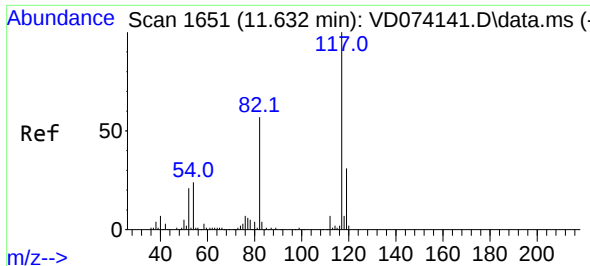
Tgt Ion:107 Resp: 278
Ion Ratio Lower Upper
107 100
109 99.3 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 136.394 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. -0.006 min
Lab File: VD074165.D
Acq: 19 Aug 2022 23:16

Tgt Ion: 95 Resp: 5650
Ion Ratio Lower Upper
95 100
174 40.4 0.0 152.8
176 38.2 0.0 145.4

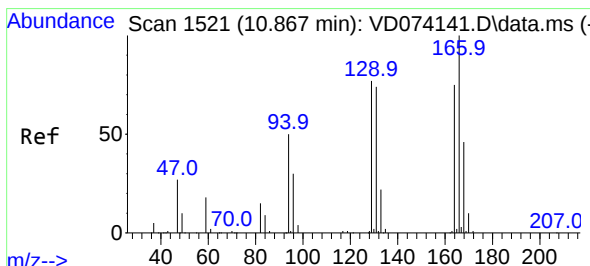
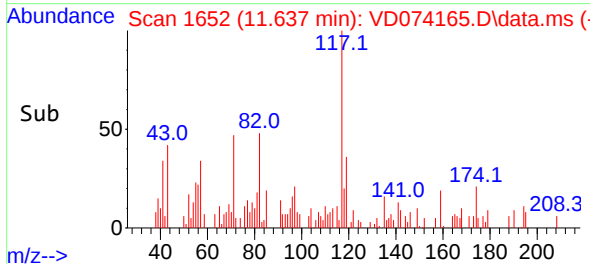
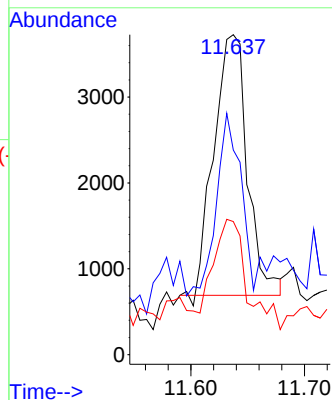
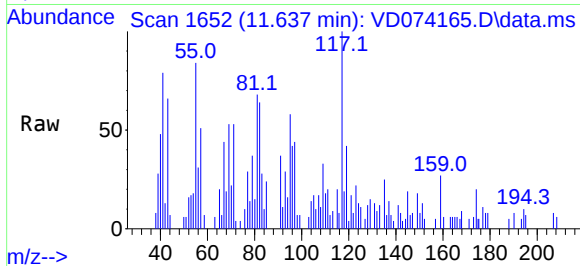




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 117
Delta R.T. 0.005 min
Lab File: VD074165.D
Acq: 19 Aug 2022 23:16

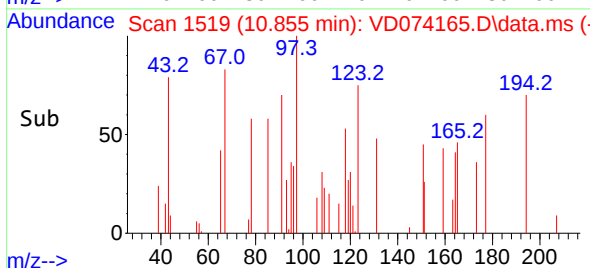
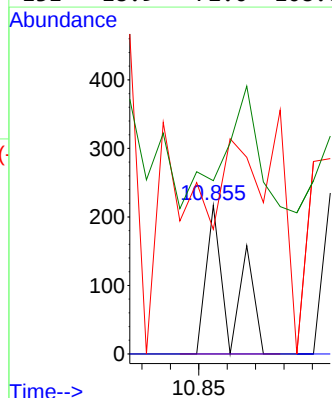
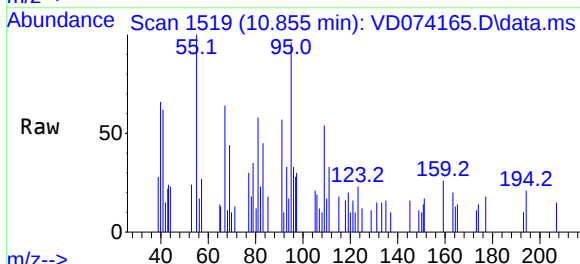
Instrument :
MSVOA_D
ClientSampleId :
280251

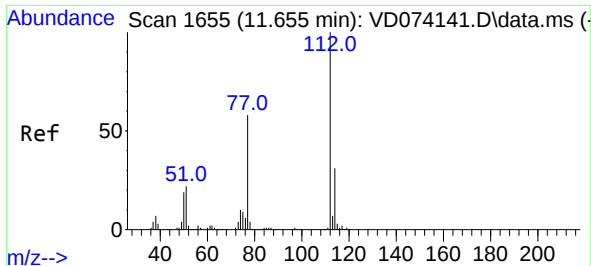
Tgt Ion:117 Resp: 6213
Ion Ratio Lower Upper
117 100
82 43.0 45.3 67.9#
119 41.4 26.6 40.0#



#64
Tetrachloroethene
Concen: 3.130 ug/l
RT: 10.855 min Scan# 1519
Delta R.T. -0.012 min
Lab File: VD074165.D
Acq: 19 Aug 2022 23:16

Tgt Ion:164 Resp: 132
Ion Ratio Lower Upper
164 100
166 0.0 98.5 147.7#
129 0.0 74.6 111.8#
131 18.9 72.0 108.0#

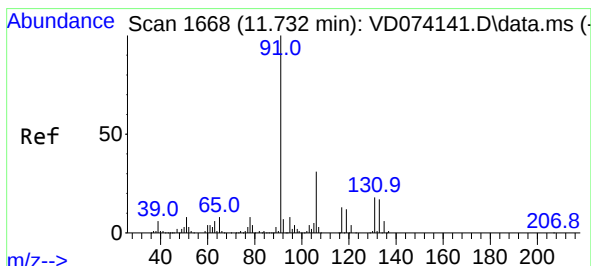
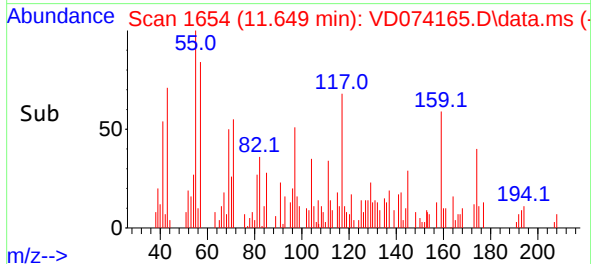
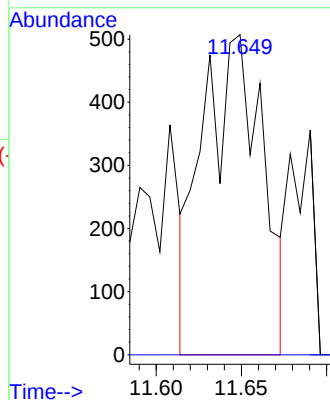
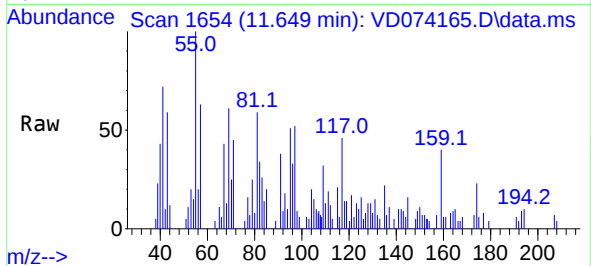




#65
Chlorobenzene
Concen: 9.653 ug/l
RT: 11.649 min Scan# 1635
Delta R.T. -0.006 min
Lab File: VD074165.D
Acq: 19 Aug 2022 23:16

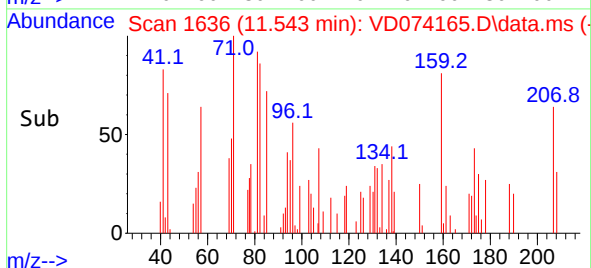
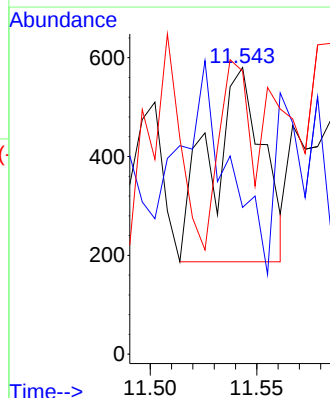
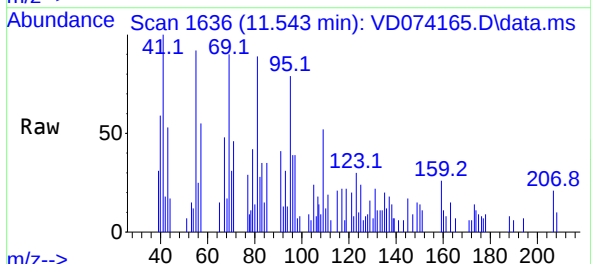
Instrument :
MSVOA_D
ClientSampleId :
280251

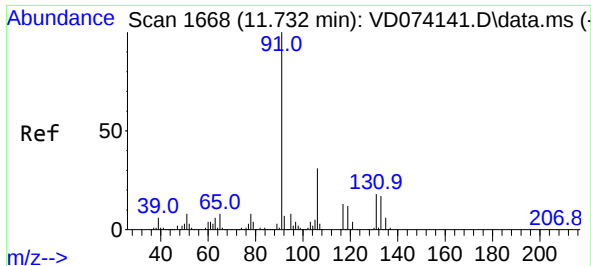
Tgt Ion:112 Resp: 1220
Ion Ratio Lower Upper
112 100
114 0.0 25.8 38.6#



#66
1,1,1,2-Tetrachloroethane
Concen: 14.700 ug/l
RT: 11.543 min Scan# 1636
Delta R.T. -0.189 min
Lab File: VD074165.D
Acq: 19 Aug 2022 23:16

Tgt Ion:131 Resp: 672
Ion Ratio Lower Upper
131 100
133 100.1 48.1 144.3
119 56.8 31.9 95.9

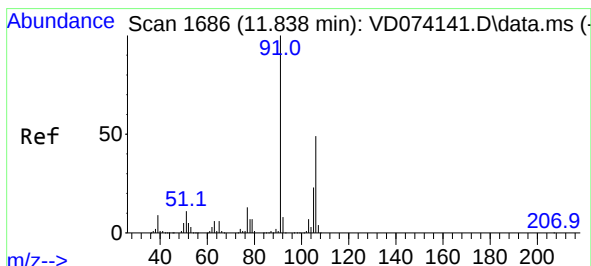
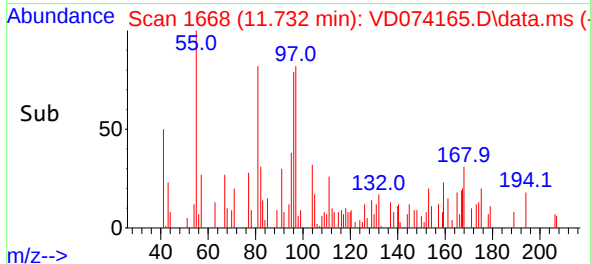
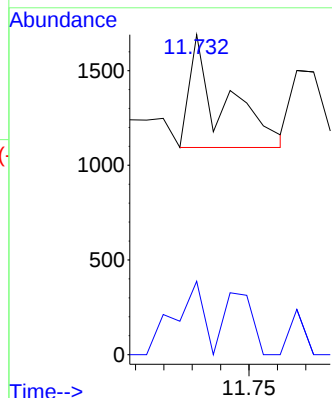
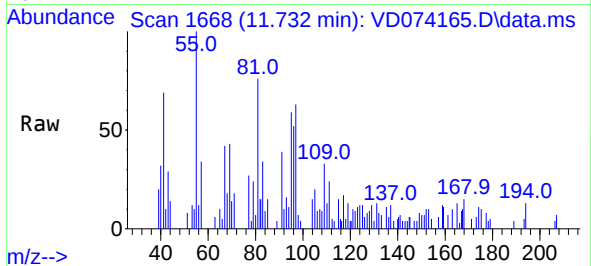




#67
Ethyl Benzene
Concen: 2.209 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD074165.D
Acq: 19 Aug 2022 23:16

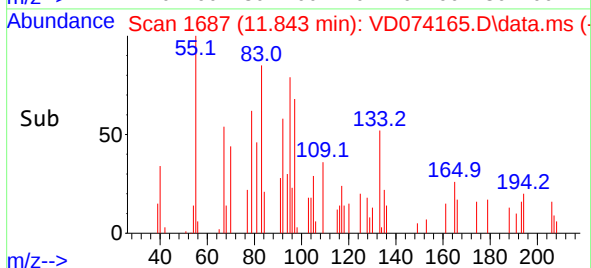
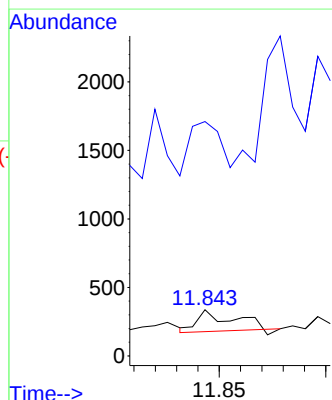
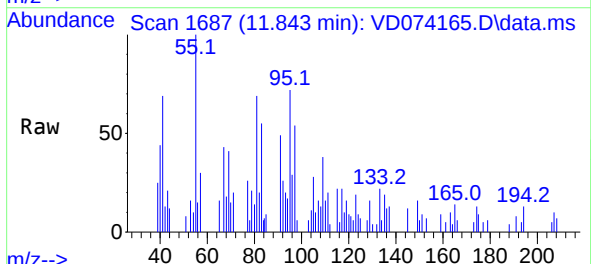
Instrument :
MSVOA_D
ClientSampleId :
280251

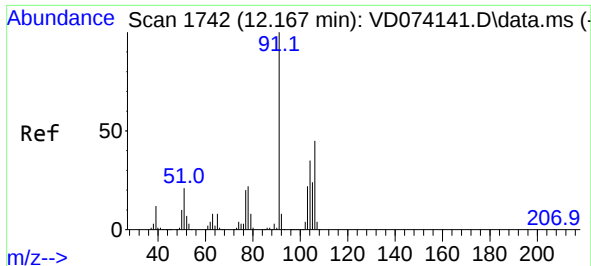
Tgt Ion: 91 Resp: 493
Ion Ratio Lower Upper
91 100
106 65.1 24.2 36.4#



#68
m/p-Xylenes
Concen: 2.040 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. 0.005 min
Lab File: VD074165.D
Acq: 19 Aug 2022 23:16

Tgt Ion: 106 Resp: 175
Ion Ratio Lower Upper
106 100
91 293.7 163.7 245.5#

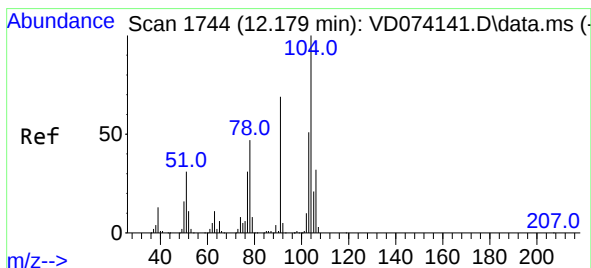
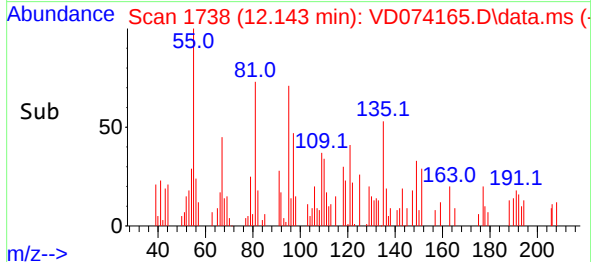
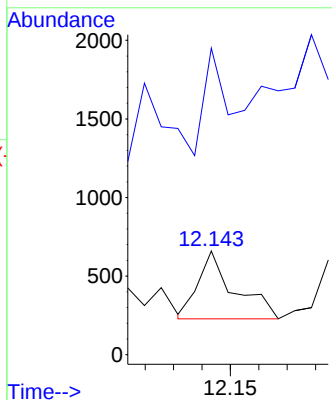
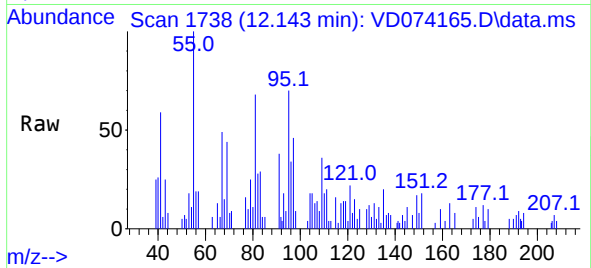




#69
o-Xylene
Concen: 4.752 ug/l
RT: 12.143 min Scan# 11
Delta R.T. -0.024 min
Lab File: VD074165.D
Acq: 19 Aug 2022 23:16

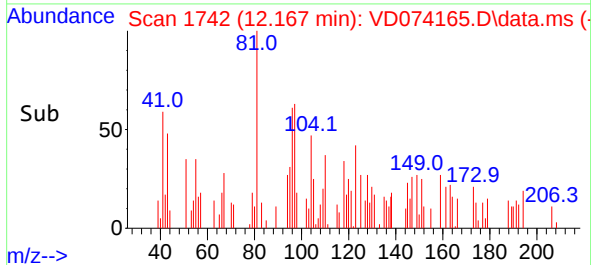
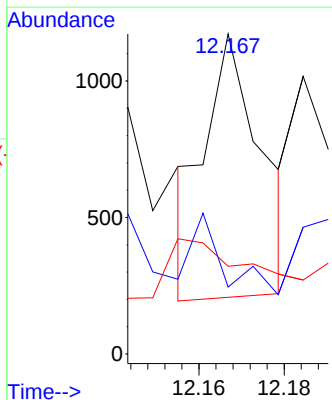
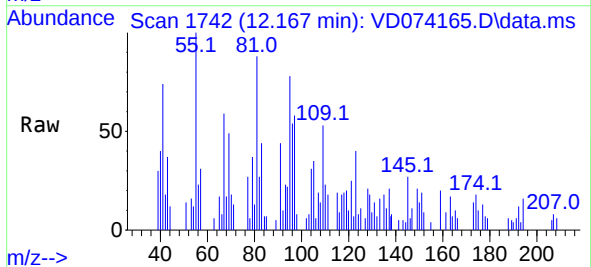
Instrument :
MSVOA_D
ClientSampleId :
280251

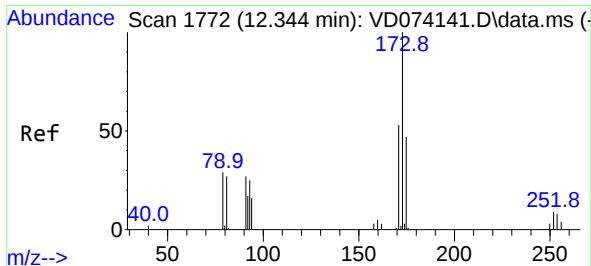
Tgt Ion:106 Resp: 381
Ion Ratio Lower Upper
106 100
91 114.4 110.4 331.2



#70
Styrene
Concen: 6.410 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. -0.012 min
Lab File: VD074165.D
Acq: 19 Aug 2022 23:16

Tgt Ion:104 Resp: 878
Ion Ratio Lower Upper
104 100
78 0.0 41.8 62.8#
103 32.8 44.2 66.4#

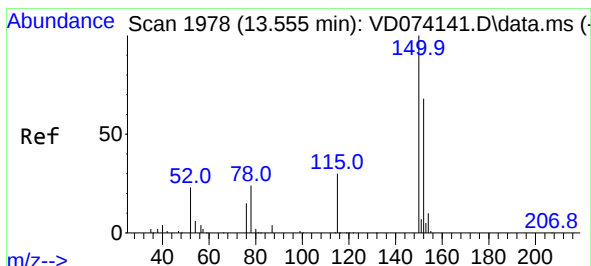
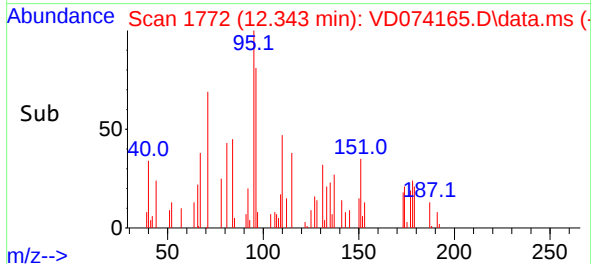
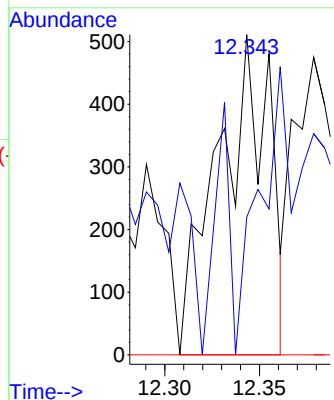
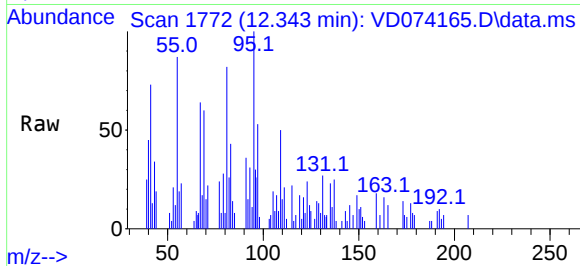




#71
Bromoform
Concen: 39.641 ug/l
RT: 12.343 min Scan# 1772
Delta R.T. -0.001 min
Lab File: VD074165.D
Acq: 19 Aug 2022 23:16

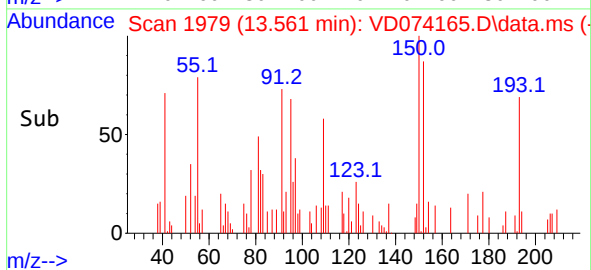
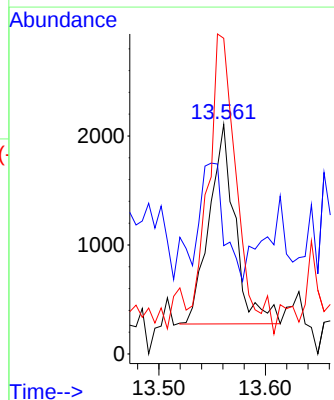
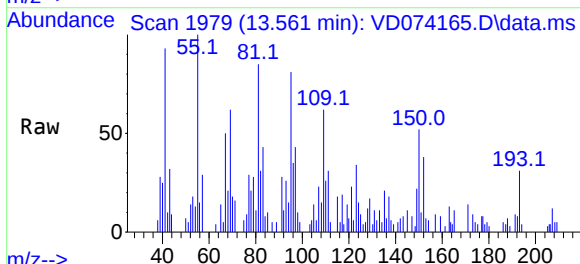
Instrument :
MSVOA_D
ClientSampleId :
280251

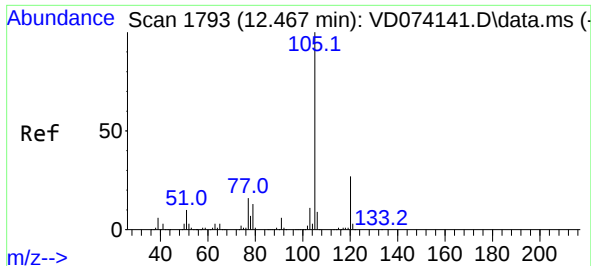
Tgt Ion:173 Resp: 969
Ion Ratio Lower Upper
173 100
175 21.9 23.9 71.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.006 min
Lab File: VD074165.D
Acq: 19 Aug 2022 23:16

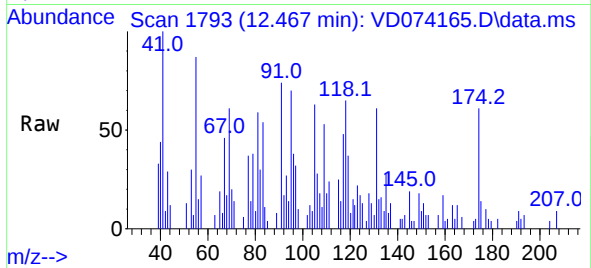
Tgt Ion:152 Resp: 3103
Ion Ratio Lower Upper
152 100
115 62.6 31.3 93.8
150 165.2 0.0 348.6



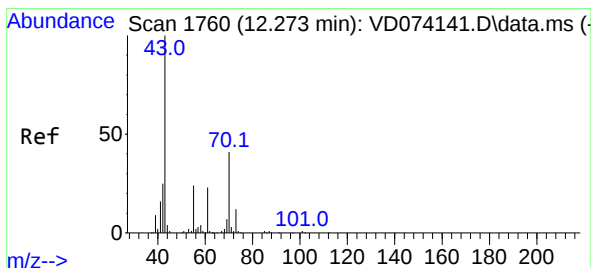
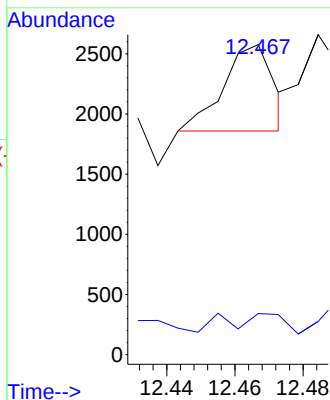
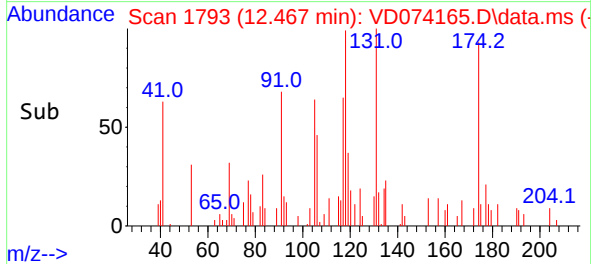


#73
Isopropylbenzene
Concen: 3.239 ug/l
RT: 12.467 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074165.D
Acq: 19 Aug 2022 23:16

Instrument :
MSVOA_D
ClientSampleId :
280251

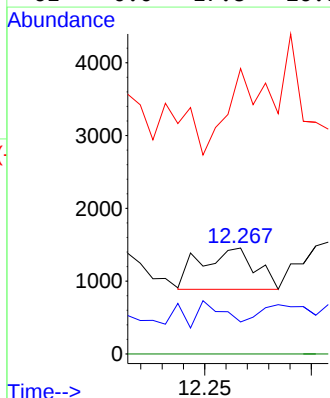
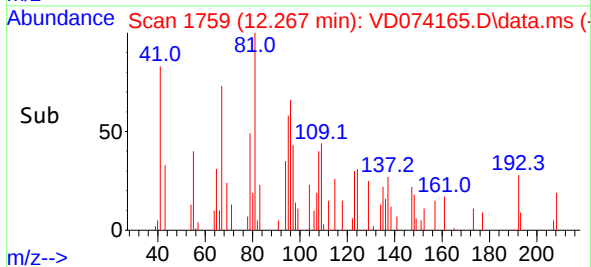
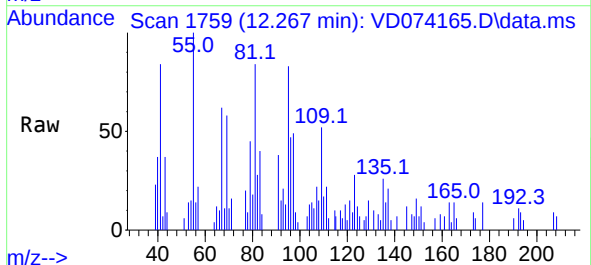


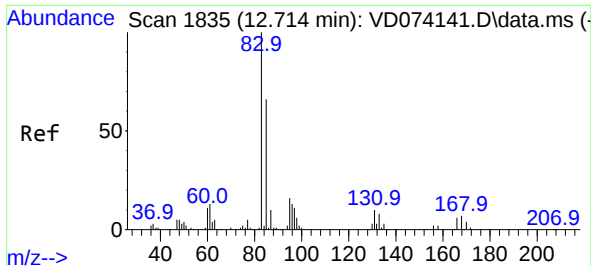
Tgt Ion:105 Resp: 732
Ion Ratio Lower Upper
105 100
120 34.3 13.0 38.9



#74
N-ethyl acetate
Concen: 17.700 ug/l
RT: 12.267 min Scan# 1759
Delta R.T. -0.006 min
Lab File: VD074165.D
Acq: 19 Aug 2022 23:16

Tgt Ion: 43 Resp: 1004
Ion Ratio Lower Upper
43 100
70 32.0 31.3 46.9
55 99.0 20.0 30.0#
61 0.0 17.8 26.8#

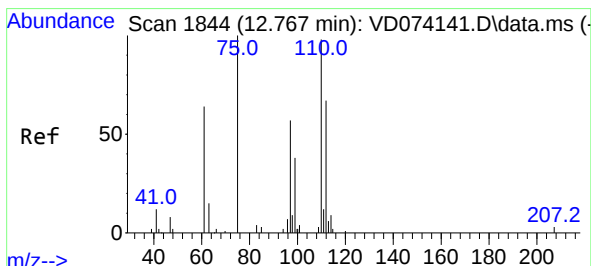
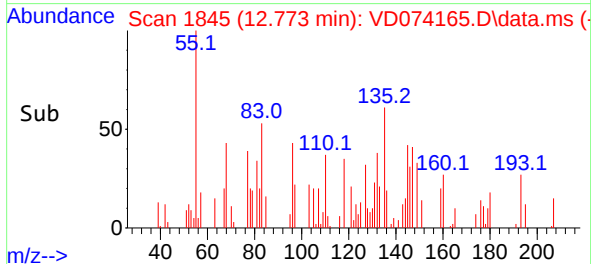
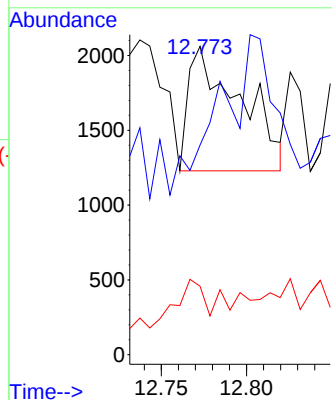
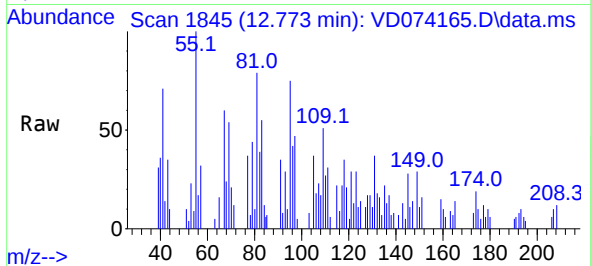




#75
1,1,2,2-Tetrachloroethane
Concen: 40.450 ug/l
RT: 12.773 min Scan# 1835
Delta R.T. 0.059 min
Lab File: VD074165.D
Acq: 19 Aug 2022 23:16

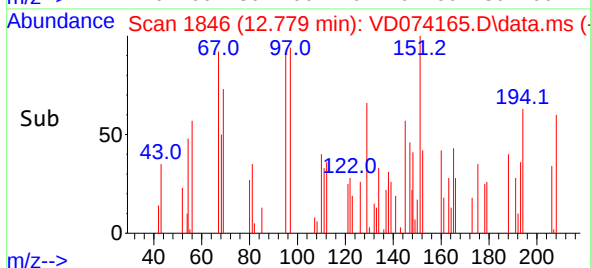
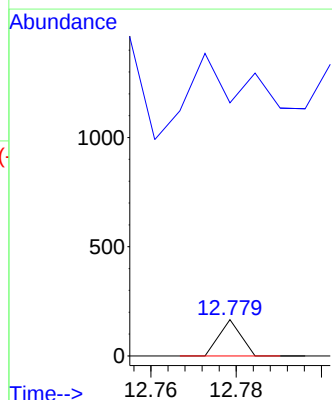
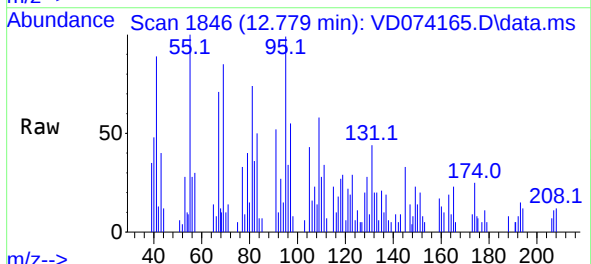
Instrument :
MSVOA_D
ClientSampleId :
280251

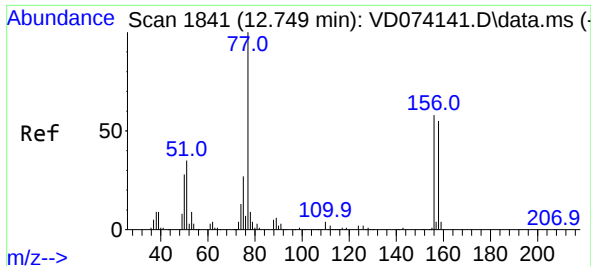
Tgt Ion: 83 Resp: 1750
Ion Ratio Lower Upper
83 100
131 0.0 5.0 14.9#
85 21.1 32.6 98.0#



#76
1,2,3-Trichloropropane
Concen: 1.836 ug/l
RT: 12.779 min Scan# 1846
Delta R.T. 0.012 min
Lab File: VD074165.D
Acq: 19 Aug 2022 23:16

Tgt Ion: 75 Resp: 59
Ion Ratio Lower Upper
75 100
77 932.2 0.0 0.0#

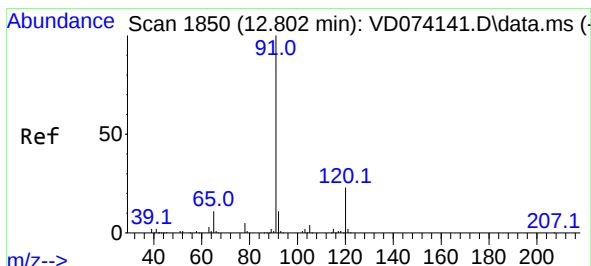
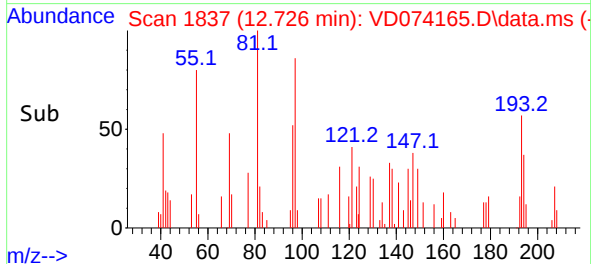
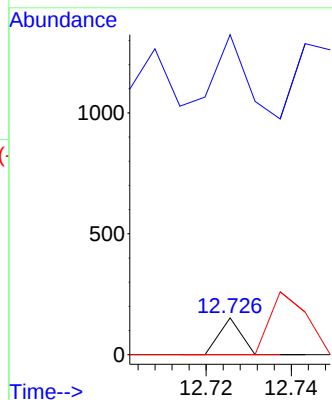
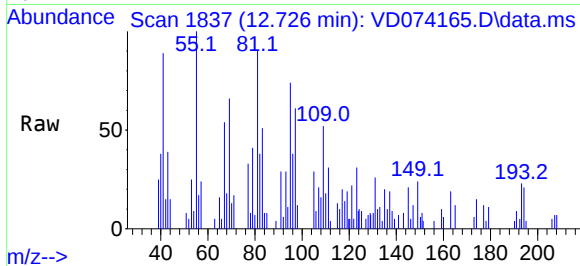




#77
Bromobenzene
Concen: 1.042 ug/l
RT: 12.726 min Scan# 1837
Delta R.T. -0.023 min
Lab File: VD074165.D
Acq: 19 Aug 2022 23:16

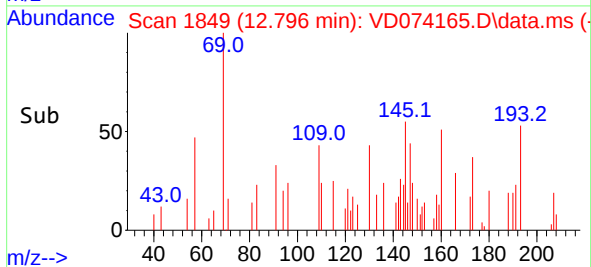
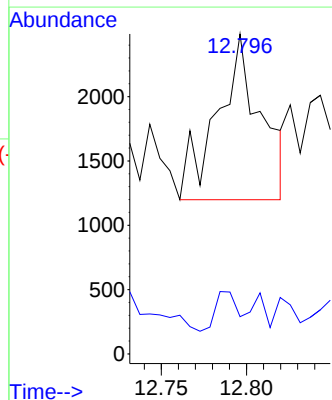
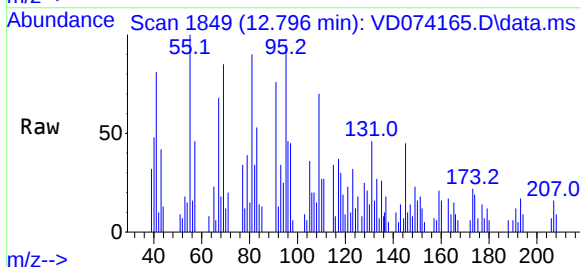
Instrument :
MSVOA_D
ClientSampleId :
280251

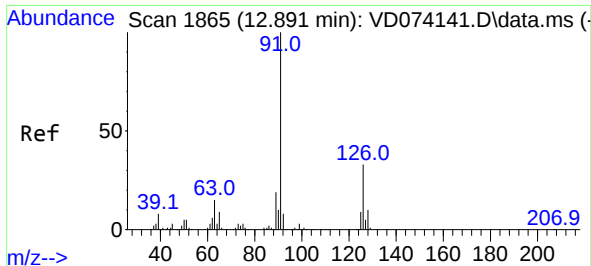
Tgt Ion:156 Resp: 54
Ion Ratio Lower Upper
156 100
77 0.0 102.8 308.3#
158 285.2 48.7 146.1#



#78
n-propylbenzene
Concen: 8.131 ug/l
RT: 12.796 min Scan# 1849
Delta R.T. -0.006 min
Lab File: VD074165.D
Acq: 19 Aug 2022 23:16

Tgt Ion: 91 Resp: 2278
Ion Ratio Lower Upper
91 100
120 14.1 10.9 32.9

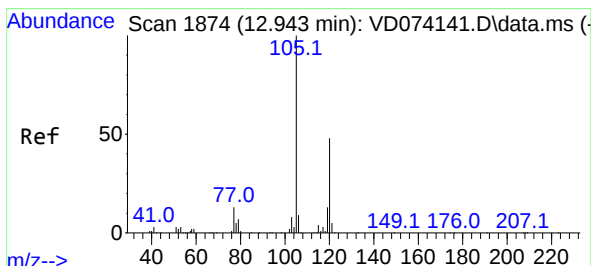
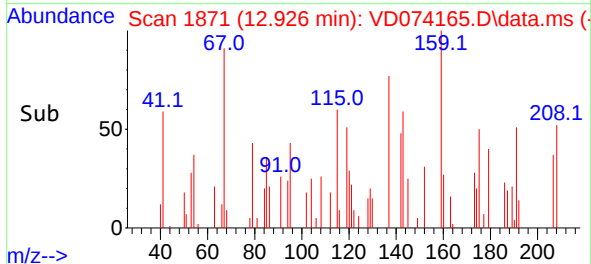
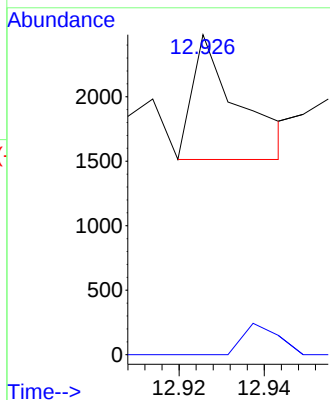
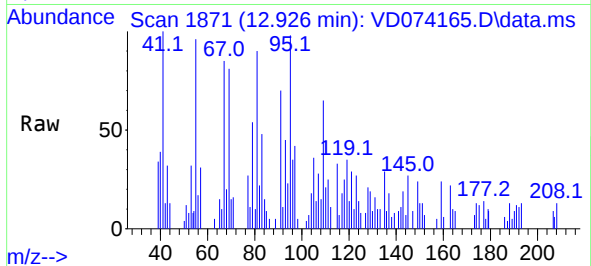




#79
2-Chlorotoluene
Concen: 4.583 ug/l
RT: 12.926 min Scan# 1871
Delta R.T. 0.035 min
Lab File: VD074165.D
Acq: 19 Aug 2022 23:16

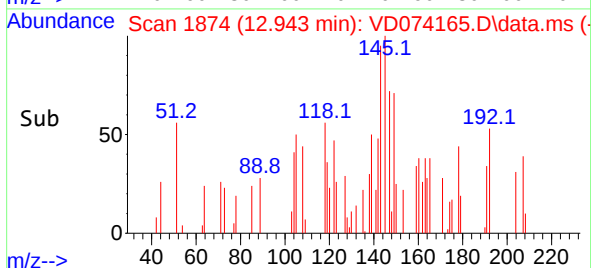
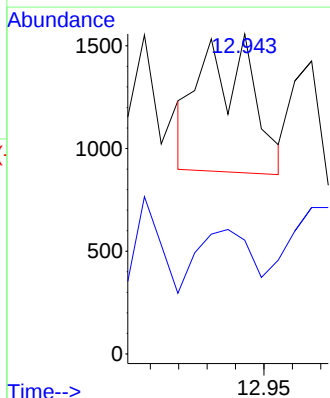
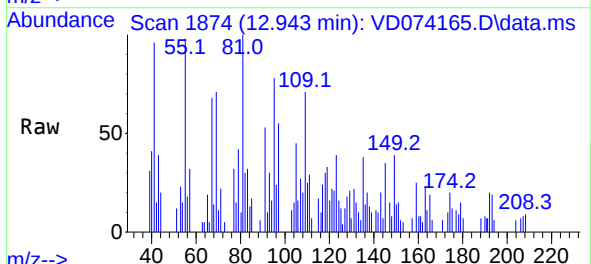
Instrument :
MSVOA_D
ClientSampleId :
280251

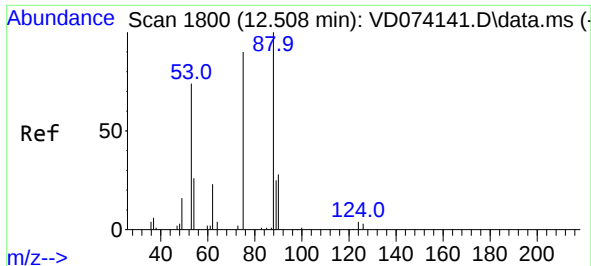
Tgt Ion: 91 Resp: 737
Ion Ratio Lower Upper
91 100
126 18.9 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 4.372 ug/l
RT: 12.943 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VD074165.D
Acq: 19 Aug 2022 23:16

Tgt Ion: 105 Resp: 826
Ion Ratio Lower Upper
105 100
120 48.3 24.3 72.8

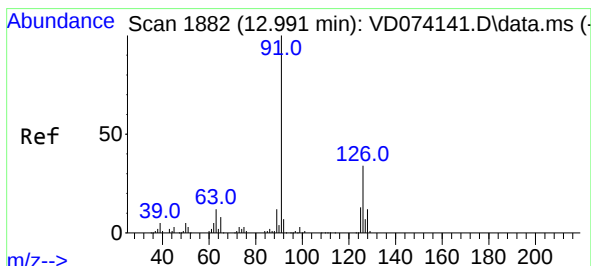
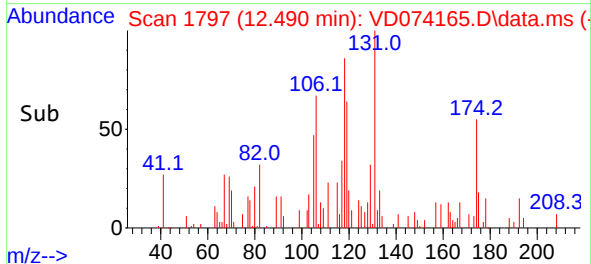
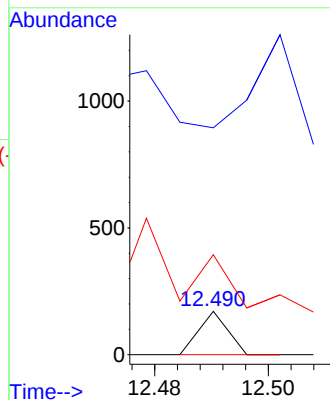
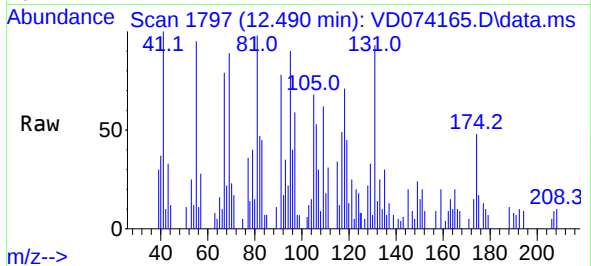




#81
trans-1,4-Dichloro-2-butene
Concen: 4.886 ug/l
RT: 12.490 min Scan# 11
Delta R.T. -0.018 min
Lab File: VD074165.D
Acq: 19 Aug 2022 23:16

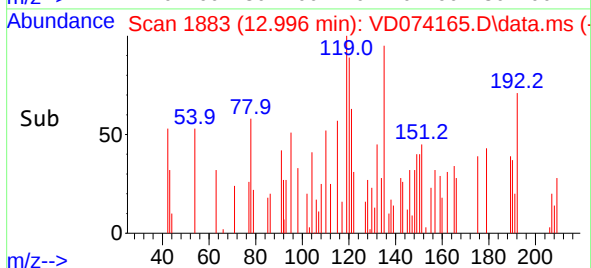
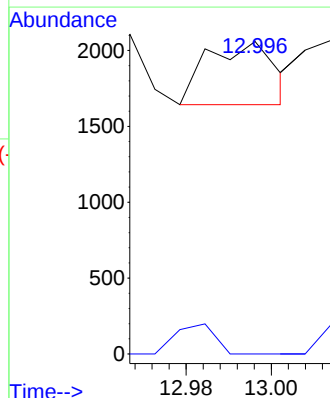
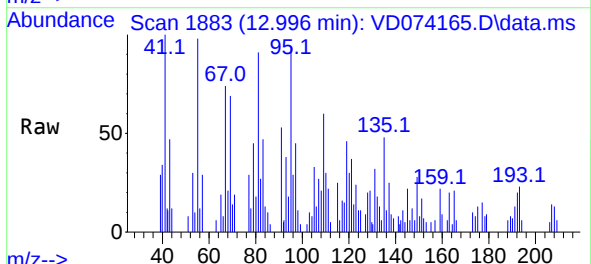
Instrument :
MSVOA_D
ClientSampleId :
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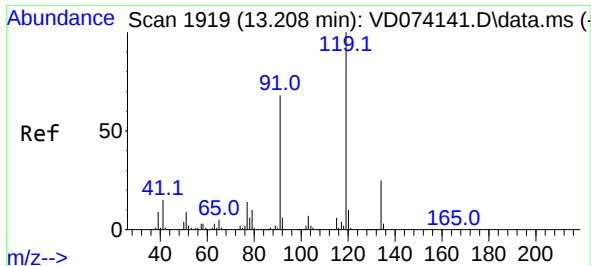
Tgt Ion: 75 Resp: 60
Ion Ratio Lower Upper
75 100
53 1153.3 86.5 129.7#
89 0.0 33.9 50.9#



#82
4-Chlorotoluene
Concen: 2.695 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. 0.005 min
Lab File: VD074165.D
Acq: 19 Aug 2022 23:16

Tgt Ion: 91 Resp: 456
Ion Ratio Lower Upper
91 100
126 27.9 16.5 49.5

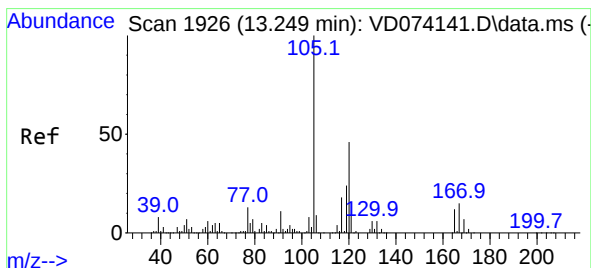
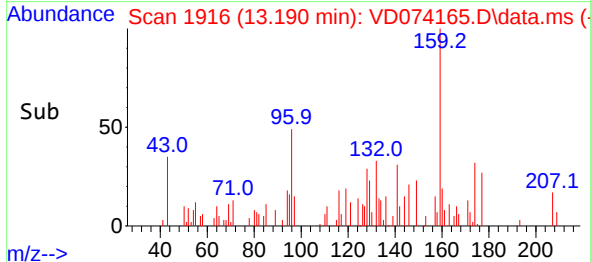
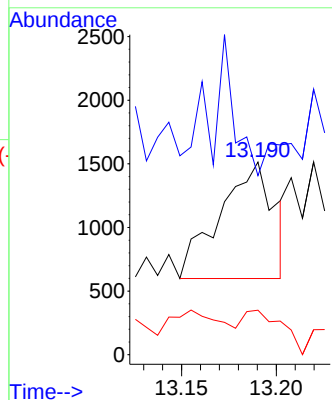
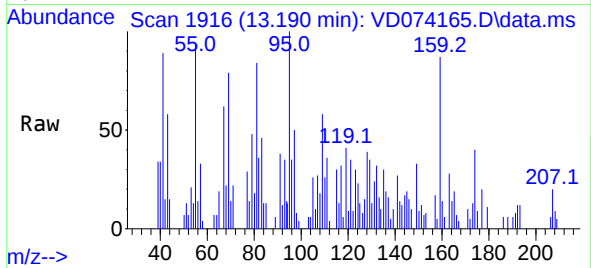




#83
tert-Butylbenzene
Concen: 11.347 ug/l
RT: 13.190 min Scan# 1919
Delta R.T. -0.018 min
Lab File: VD074165.D
Acq: 19 Aug 2022 23:16

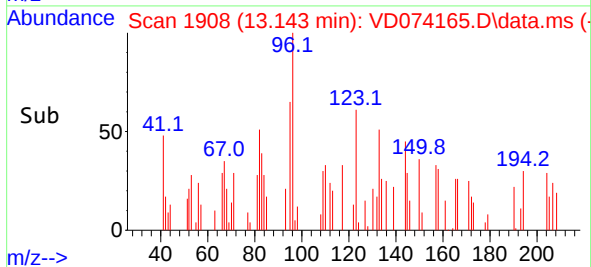
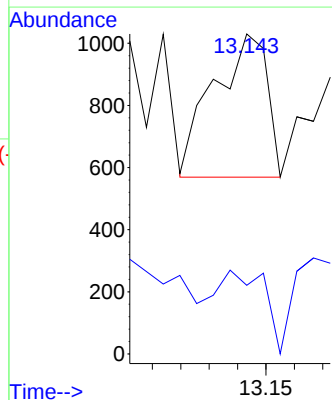
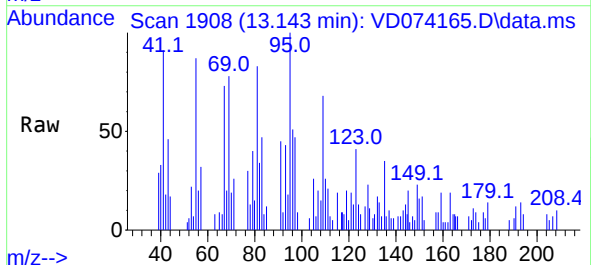
Instrument :
MSVOA_D
ClientSampleId :
280251

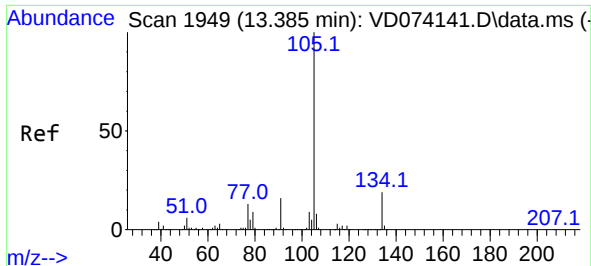
Tgt Ion:119 Resp: 1813
Ion Ratio Lower Upper
119 100
91 32.5 34.8 104.5#
134 27.4 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 3.234 ug/l
RT: 13.143 min Scan# 1908
Delta R.T. -0.106 min
Lab File: VD074165.D
Acq: 19 Aug 2022 23:16

Tgt Ion:105 Resp: 602
Ion Ratio Lower Upper
105 100
120 44.0 22.3 66.8

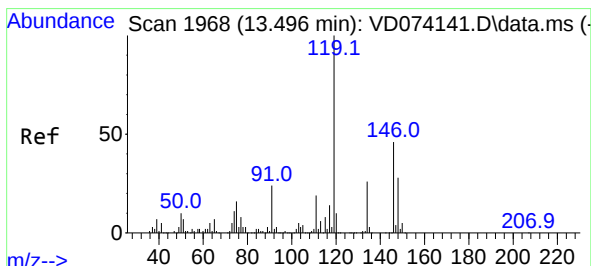
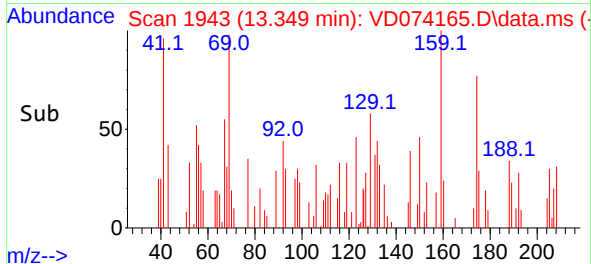
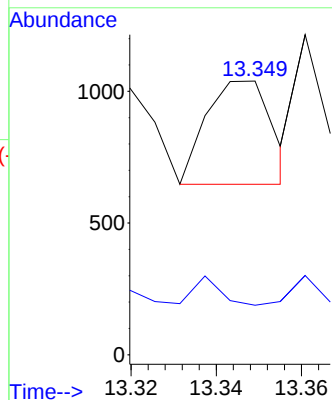
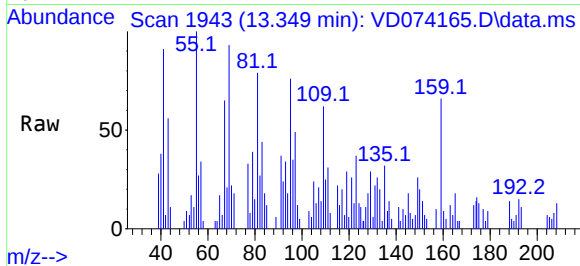




#85
 sec-Butylbenzene
 Concen: 1.725 ug/l
 RT: 13.349 min Scan# 1943
 Delta R.T. -0.036 min
 Lab File: VD074165.D
 Acq: 19 Aug 2022 23:16

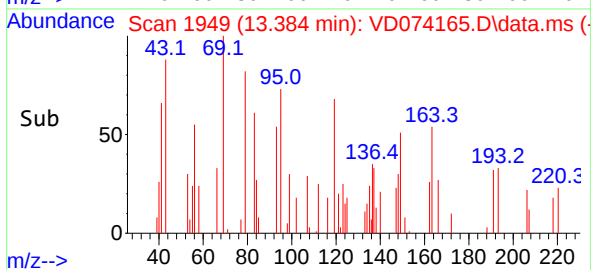
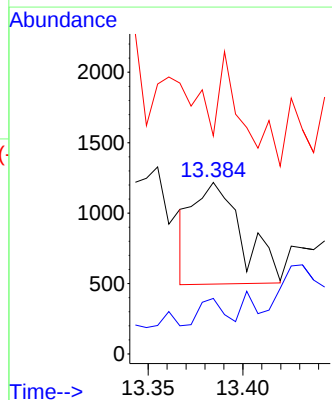
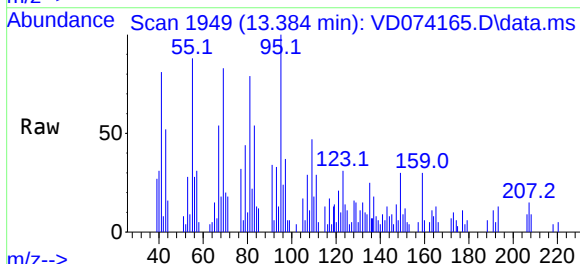
Instrument :
 MSVOA_D
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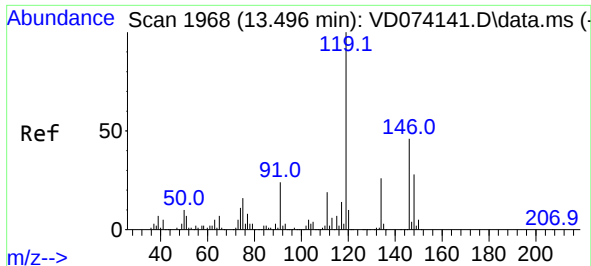
Tgt Ion:105 Resp: 419
 Ion Ratio Lower Upper
 105 100
 134 11.7 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 6.521 ug/l
 RT: 13.384 min Scan# 1949
 Delta R.T. -0.112 min
 Lab File: VD074165.D
 Acq: 19 Aug 2022 23:16

Tgt Ion:119 Resp: 1315
 Ion Ratio Lower Upper
 119 100
 134 14.2 12.9 38.6
 91 28.8 12.1 36.3

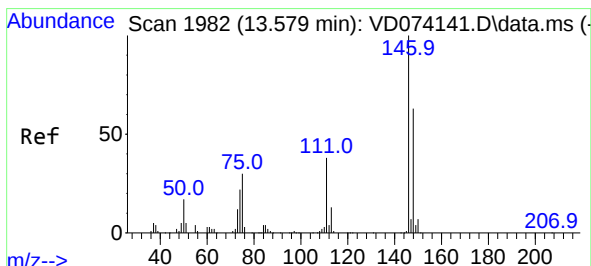
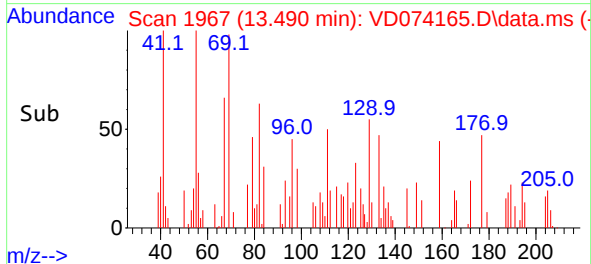
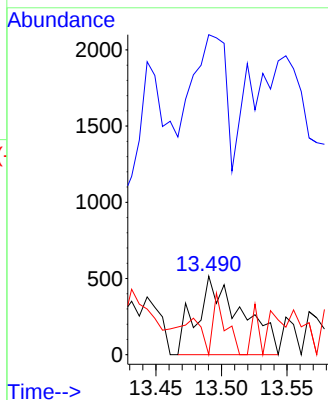
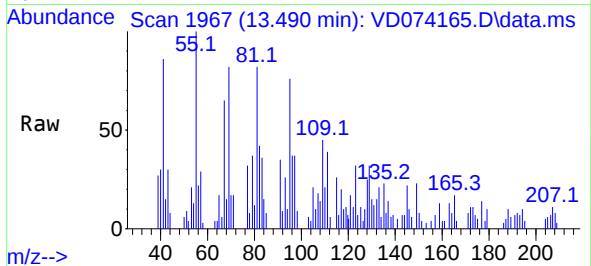




#87
1,3-Dichlorobenzene
Concen: 11.923 ug/l
RT: 13.490 min Scan# 1968
Delta R.T. -0.006 min
Lab File: VD074165.D
Acq: 19 Aug 2022 23:16

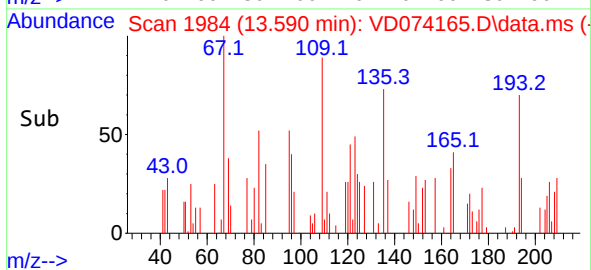
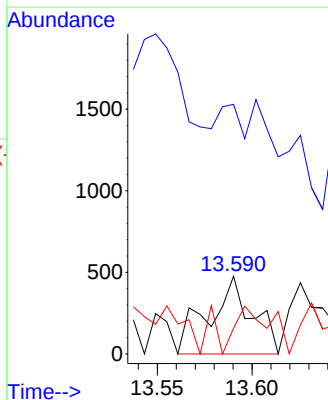
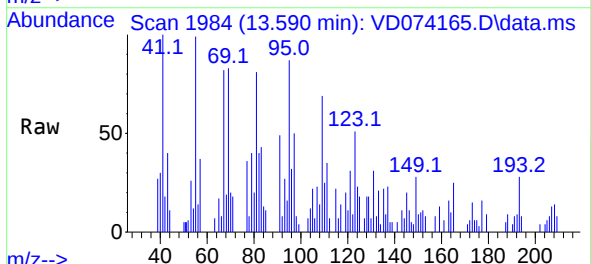
Instrument :
MSVOA_D
ClientSampleId :
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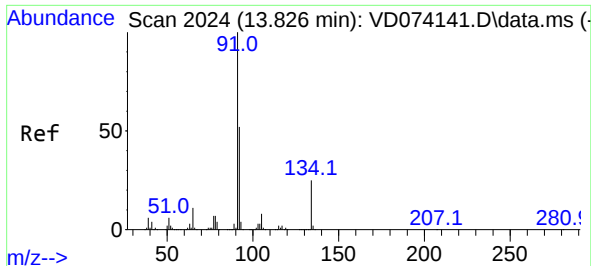
Tgt Ion:146 Resp: 1233
Ion Ratio Lower Upper
146 100
111 126.2 20.4 61.3#
148 21.4 31.9 95.7#



#88
1,4-Dichlorobenzene
Concen: 7.389 ug/l
RT: 13.590 min Scan# 1984
Delta R.T. 0.011 min
Lab File: VD074165.D
Acq: 19 Aug 2022 23:16

Tgt Ion:146 Resp: 763
Ion Ratio Lower Upper
146 100
111 0.0 20.3 60.9#
148 49.9 31.7 95.1

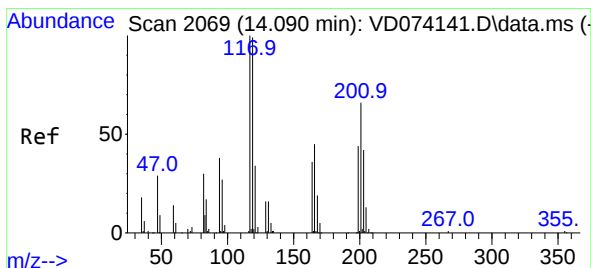
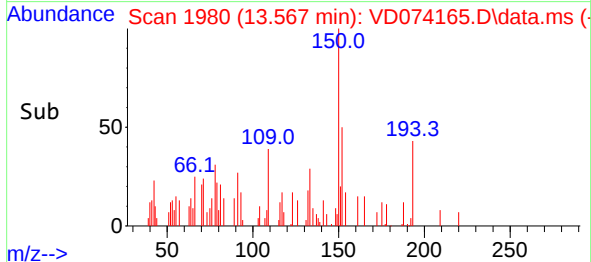
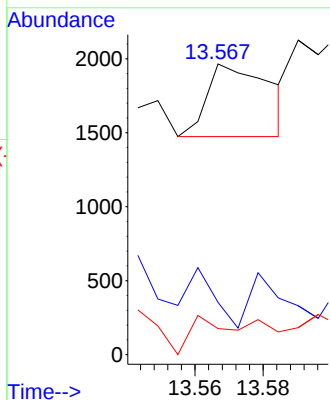
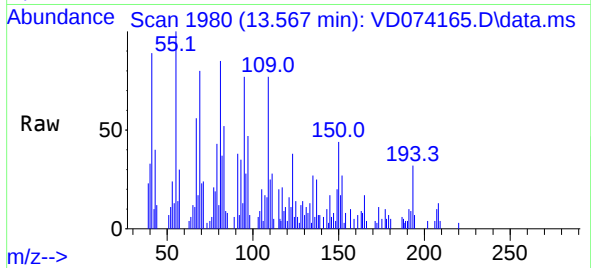




#89
n-Butylbenzene
Concen: 3.178 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.259 min
Lab File: VD074165.D
Acq: 19 Aug 2022 23:16

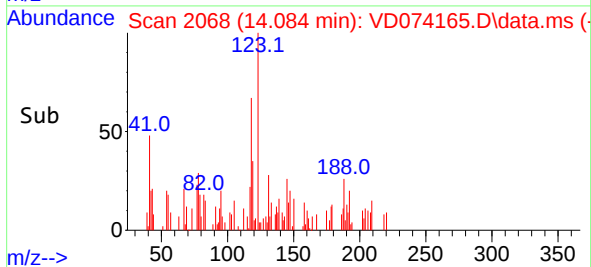
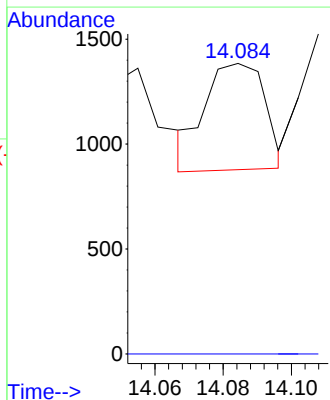
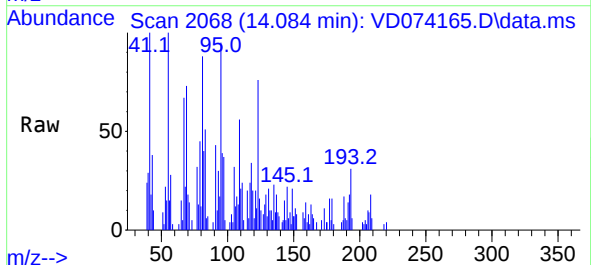
Instrument :
MSVOA_D
ClientSampleId :
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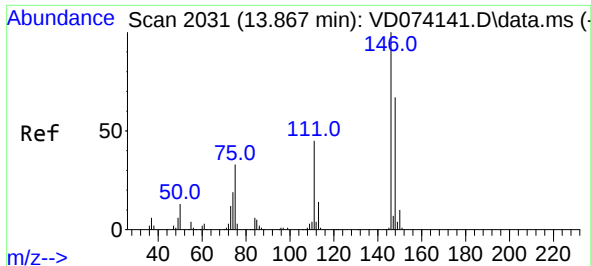
Tgt Ion:	91	Resp:	625
Ion	Ratio	Lower	Upper
91	100		
92	44.8	26.6	79.8
134	34.2	12.3	36.9



#90
Hexachloroethane
Concen: 15.681 ug/l
RT: 14.084 min Scan# 2068
Delta R.T. -0.006 min
Lab File: VD074165.D
Acq: 19 Aug 2022 23:16

Tgt Ion:	117	Resp:	618
Ion	Ratio	Lower	Upper
117	100		
201	0.0	33.4	100.2





#91

1,2-Dichlorobenzene

Concen: 4.956 ug/l

RT: 13.861 min Scan# 2031

Delta R.T. -0.006 min

Lab File: VD074165.D

Acq: 19 Aug 2022 23:16

Instrument :

MSVOA_D

ClientSampleId :

280251

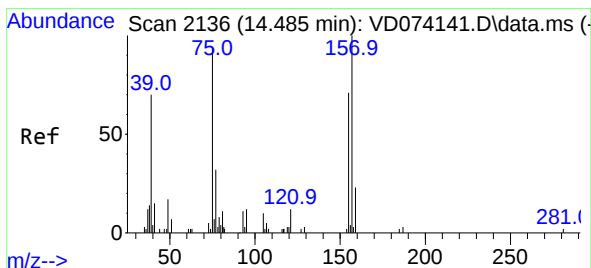
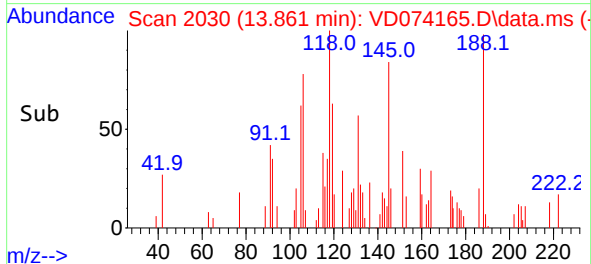
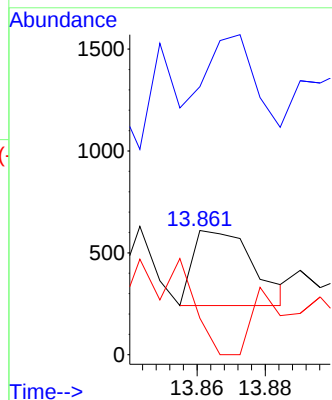
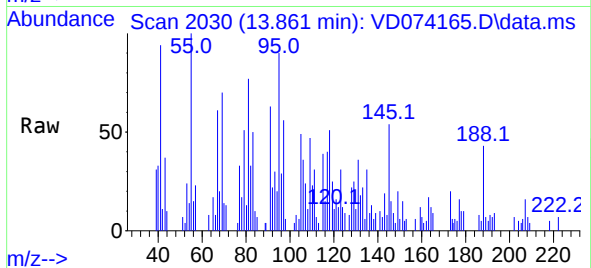
Tgt Ion:146 Resp: 453

Ion Ratio Lower Upper

146 100

111 0.0 21.1 63.3#

148 148.8 31.7 95.1#



#92

1,2-Dibromo-3-Chloropropane

Concen: 8.620 ug/l

RT: 14.484 min Scan# 2136

Delta R.T. -0.001 min

Lab File: VD074165.D

Acq: 19 Aug 2022 23:16

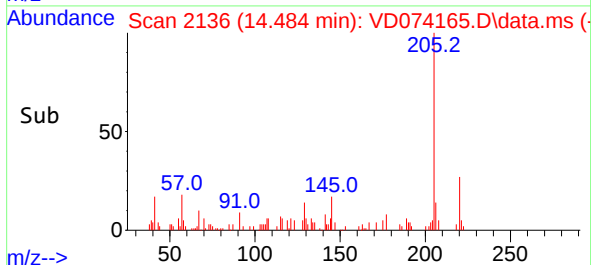
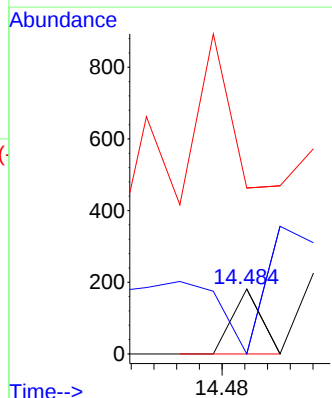
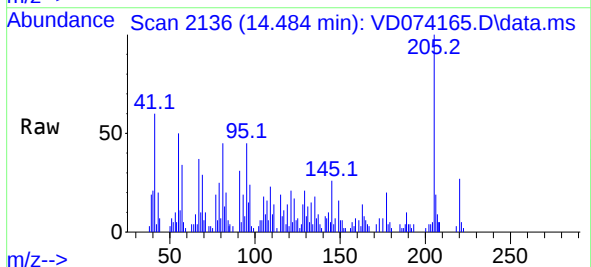
Tgt Ion: 75 Resp: 64

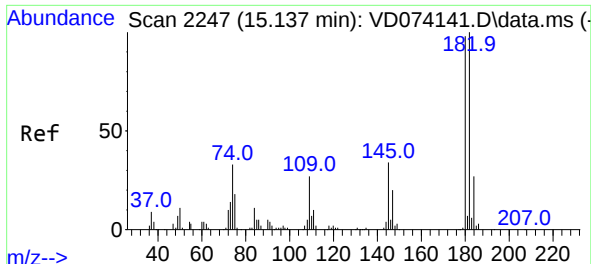
Ion Ratio Lower Upper

75 100

155 0.0 36.8 110.3#

157 1731.3 48.4 145.0#

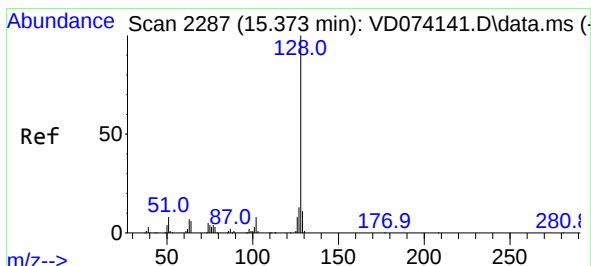
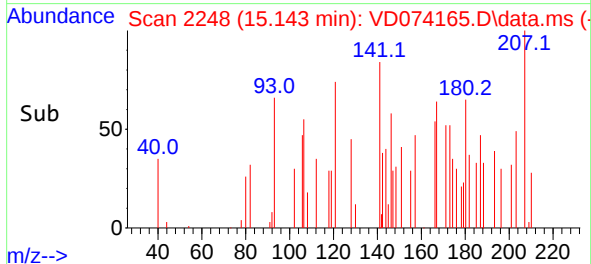
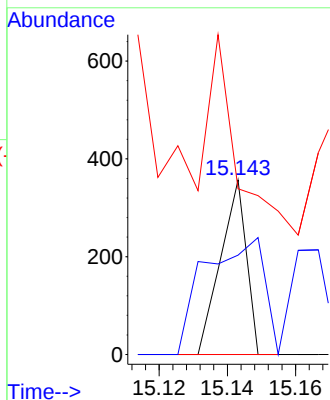
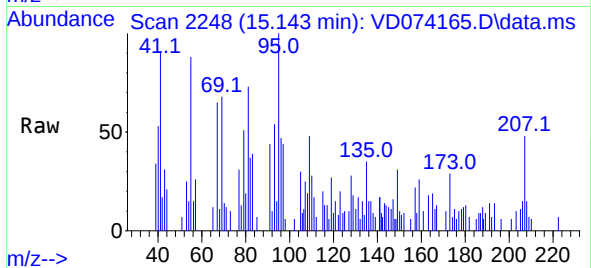




#93
1,2,4-Trichlorobenzene
Concen: 3.499 ug/l
RT: 15.143 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD074165.D
Acq: 19 Aug 2022 23:16

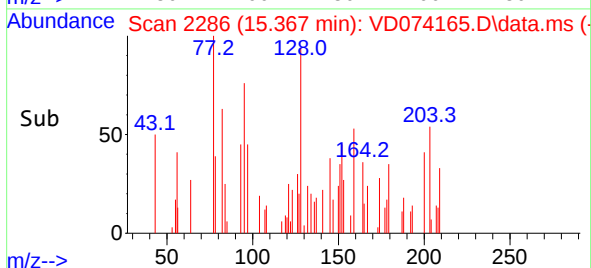
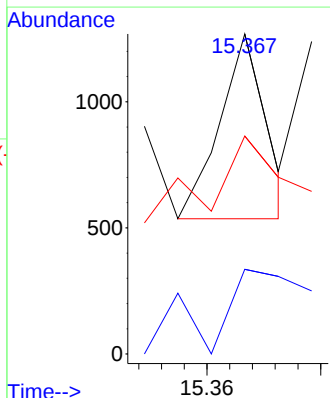
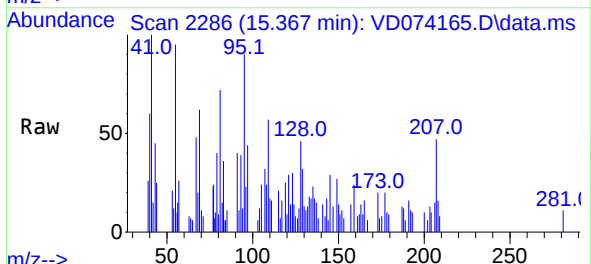
Instrument :
MSVOA_D
ClientSampleId :
280251

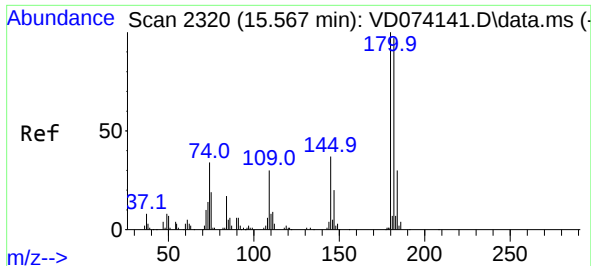
Tgt Ion:180 Resp: 187
Ion Ratio Lower Upper
180 100
182 154.0 47.3 142.0#
145 119.8 16.2 48.5#



#95
Naphthalene
Concen: 3.853 ug/l
RT: 15.367 min Scan# 2286
Delta R.T. -0.006 min
Lab File: VD074165.D
Acq: 19 Aug 2022 23:16

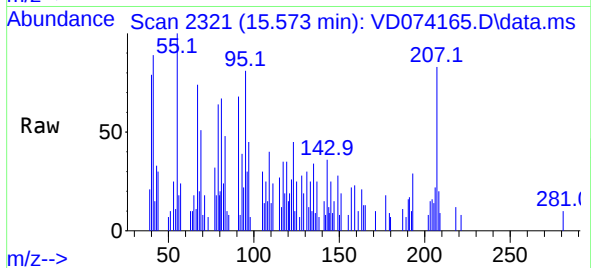
Tgt Ion:128 Resp: 417
Ion Ratio Lower Upper
128 100
127 112.9 10.3 15.5#
129 73.9 8.4 12.6#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.125 ug/l
 RT: 15.573 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD074165.D
 Acq: 19 Aug 2022 23:16

Instrument :
 MSVOA_D
 ClientSampleId :
 280251



Tgt Ion:180 Resp: 53

Ion	Ratio	Lower	Upper
180	100		
182	132.1	47.6	142.9
145	949.1	17.1	51.3#

