

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD123021\
 Data File : VD071544.D
 Acq On : 30 Dec 2021 12:54
 Operator : VA/SY
 Sample : M5237-04
 Misc : 5.85G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1D

Quant Time: Dec 30 15:32:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	379983	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	635606	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	652897	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	415909	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	198455	39.325	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	78.660%
35) Dibromofluoromethane	7.914	113	189846	44.442	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.880%
50) Toluene-d8	10.332	98	948147	58.734	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	117.460%
62) 4-Bromofluorobenzene	12.620	95	482561	84.122	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	168.240%#
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.191	59	2395	Below Cal	#	71
13) Acrolein	4.138	56	4308	17.672	ug/l #	44
14) Allyl chloride	4.956	41	28535	3.811	ug/l #	66
15) Acrylonitrile	5.491	53	7910	7.501	ug/l #	38
16) Acetone	4.144	43	18151	14.319	ug/l #	75
18) Methyl Acetate	4.944	43	50763	12.975	ug/l #	51
20) Methylene Chloride	4.962	84	23986	Below Cal		95
25) 2-Butanone	7.203	43	9826	6.490	ug/l #	45
29) Tetrahydrofuran	7.561	42	1010	1.111	ug/l #	43
31) Cyclohexane	7.979	56	162308	18.933	ug/l	98
36) 1,1-Dichloropropene	7.979	75	36103	5.290	ug/l #	55
37) Ethyl Acetate	7.203	43	9826	3.119	ug/l #	66
38) Carbon Tetrachloride	7.973	117	41197	6.118	ug/l #	17
39) Methylcyclohexane	9.350	83	862682	107.983	ug/l	98
41) Methacrylonitrile	7.561	41	3082	1.647	ug/l #	44
43) Isopropyl Acetate	8.450	43	79865	12.773	ug/l #	47
47) Bromodichloromethane	9.626	83	14744	2.208	ug/l #	44
48) Methyl methacrylate	9.408	41	54024	17.460	ug/l #	37
49) 1,4-Dioxane	9.450	88	54	1.817	ug/l #	23
51) 4-Methyl-2-Pentanone	10.114	43	187143	56.889	ug/l #	42
55) 1,1,2-Trichloroethane	10.773	97	263411	78.900	ug/l #	22
56) Ethyl methacrylate	10.673	69	143349	32.629	ug/l #	1
59) 2-Hexanone	10.950	43	435440	187.264	ug/l #	26
61) 1,2-Dibromoethane	11.220	107	4647	1.405	ug/l #	1
69) o-Xylene	12.173	106	8976	1.037	ug/l #	25
73) Isopropylbenzene	12.467	105	154725	4.825	ug/l	100
74) N-amyl acetate	12.261	43	816785	94.945	ug/l #	52
75) 1,1,2,2-Tetrachloroethane	12.691	83	64342	11.099	ug/l #	90
76) 1,2,3-Trichloropropane	12.620	75	190197	38.488	ug/l #	1
78) n-propylbenzene	12.808	91	267296	6.651	ug/l	97
79) 2-Chlorotoluene	12.949	91	38899	1.732	ug/l	75
80) 1,3,5-Trimethylbenzene	12.949	105	45948	1.737	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.620	75	190197	108.748	ug/l #	35
82) 4-Chlorotoluene	12.949	91	38575	1.656	ug/l	74
83) tert-Butylbenzene	13.214	119	117893	5.217	ug/l	82
84) 1,2,4-Trimethylbenzene	13.255	105	84925	3.244	ug/l	93

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

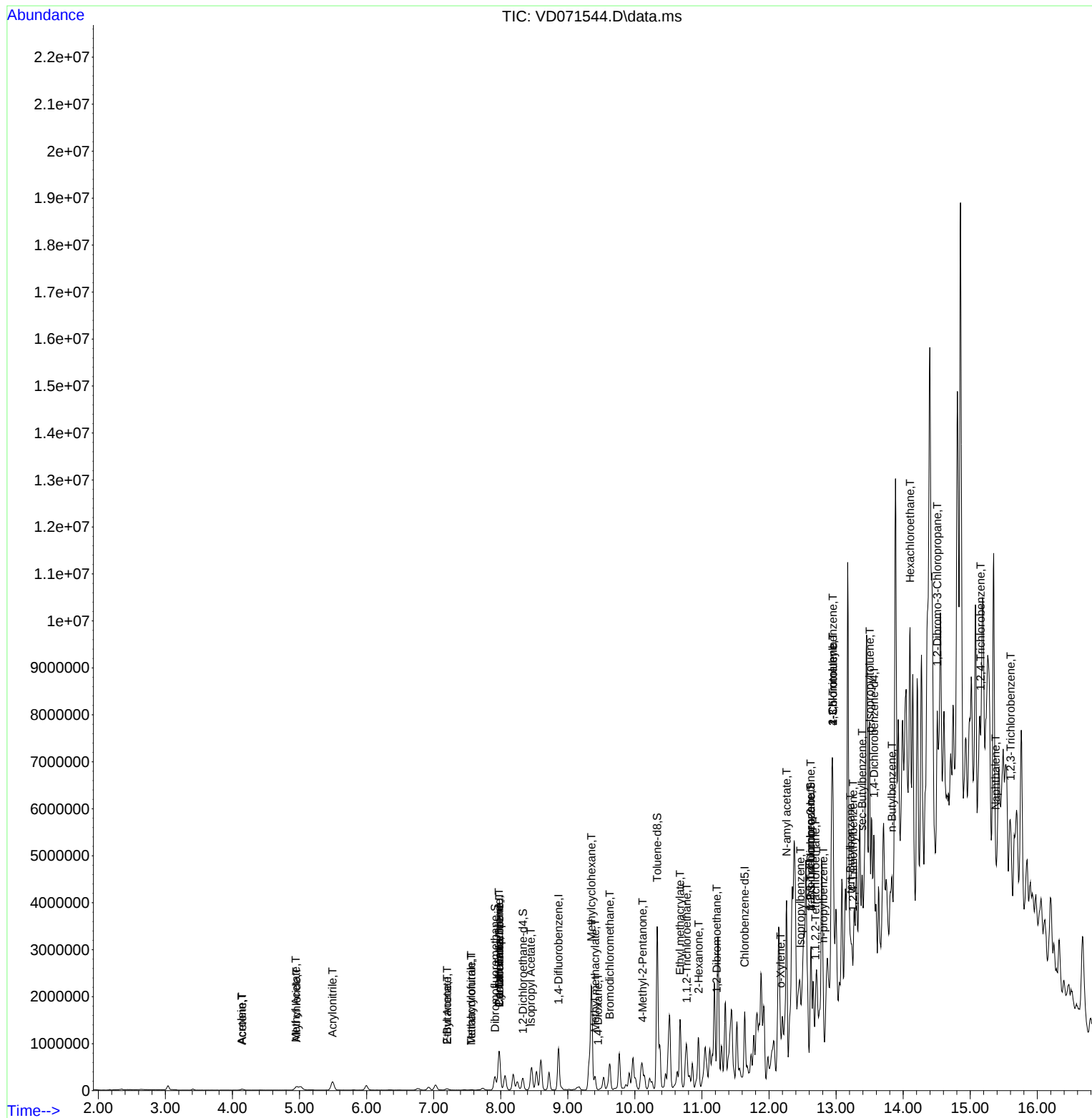
85) sec-Butylbenzene	13.391	105	379007	11.000	ug/l #	67
86) p-Isopropyltoluene	13.502	119	33130	1.159	ug/l #	78
89) n-Butylbenzene	13.832	91	438320	15.621	ug/l #	75
90) Hexachloroethane	14.102	117	123363	22.779	ug/l #	14
92) 1,2-Dibromo-3-Chloropr...	14.508	75	5128	5.101	ug/l #	31
93) 1,2,4-Trichlorobenzene	15.155	180	18446	2.482	ug/l #	1
95) Naphthalene	15.379	128	45587	3.223	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.602	180	23727	3.691	ug/l #	13

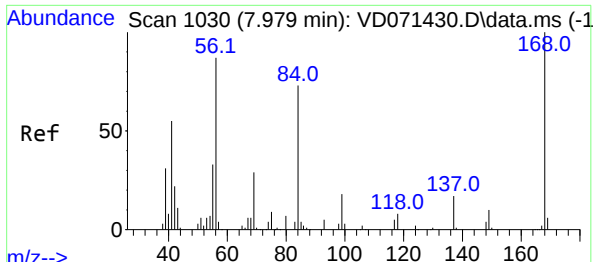
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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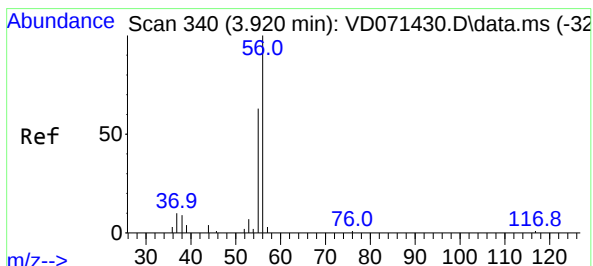
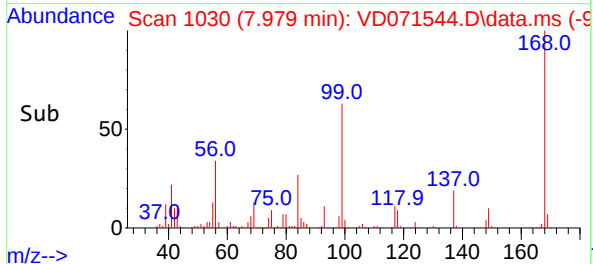
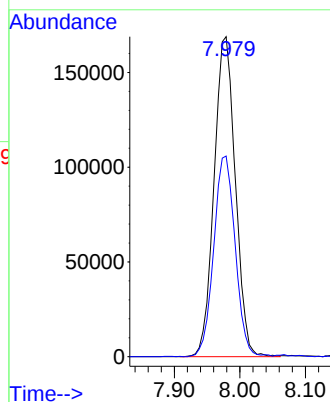
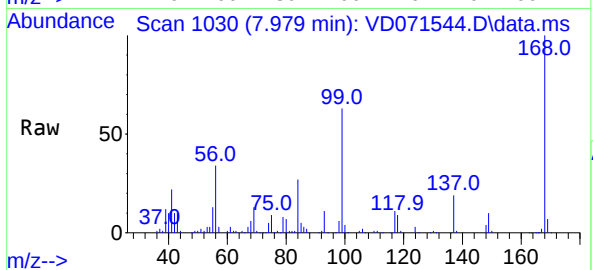




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD071544.D
Acq: 30 Dec 2021 12:54

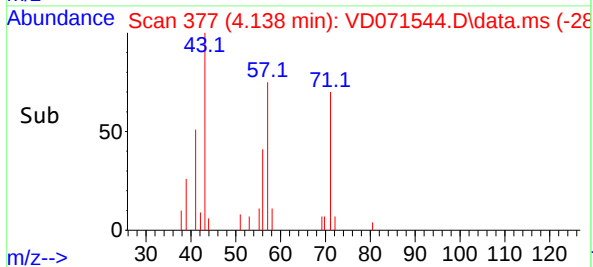
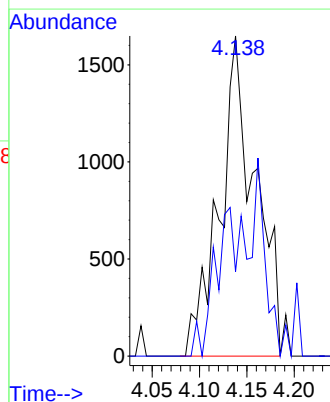
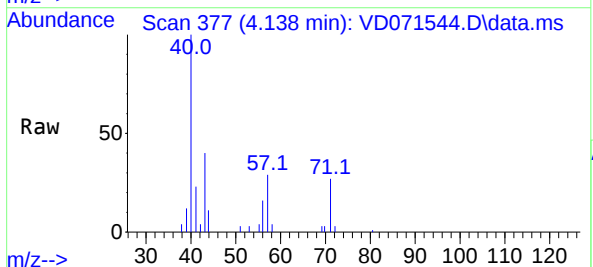
Instrument :
MSVOA_D
ClientSampleId :
TP-1D

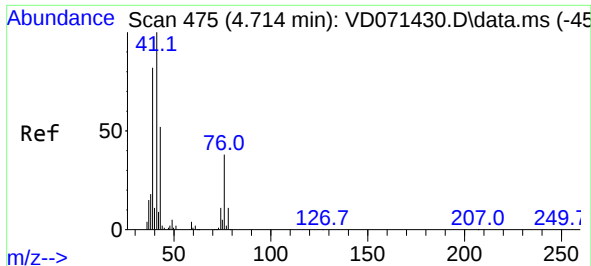
Tgt Ion:168 Resp: 379983
Ion Ratio Lower Upper
168 100
99 62.6 46.6 69.8



#13
Acrolein
Concen: 17.672 ug/l
RT: 4.138 min Scan# 377
Delta R.T. 0.224 min
Lab File: VD071544.D
Acq: 30 Dec 2021 12:54

Tgt Ion: 56 Resp: 4308
Ion Ratio Lower Upper
56 100
55 26.4 58.6 87.8#





#14

Allyl chloride

Concen: 3.811 ug/l

RT: 4.956 min Scan# 51

Delta R.T. 0.253 min

Lab File: VD071544.D

Acq: 30 Dec 2021 12:54

Instrument :

MSVOA_D

ClientSampleId :

TP-1D

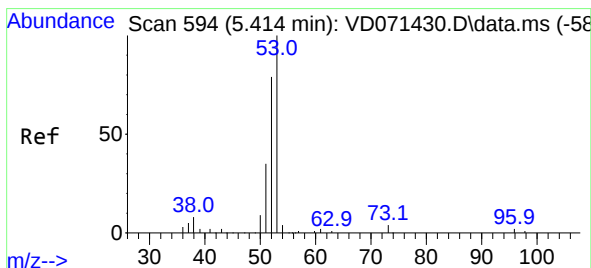
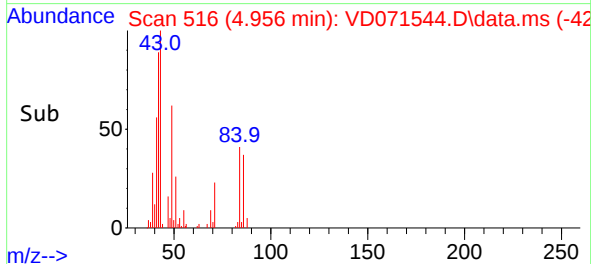
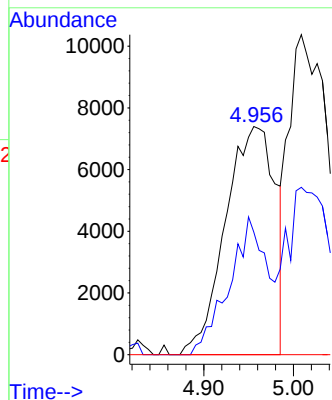
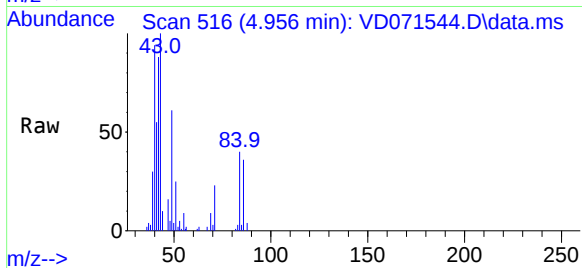
Tgt Ion: 41 Resp: 28535

Ion Ratio Lower Upper

41 100

39 45.8 45.6 68.4

76 0.0 30.2 45.4#



#15

Acrylonitrile

Concen: 7.501 ug/l

RT: 5.491 min Scan# 607

Delta R.T. 0.071 min

Lab File: VD071544.D

Acq: 30 Dec 2021 12:54

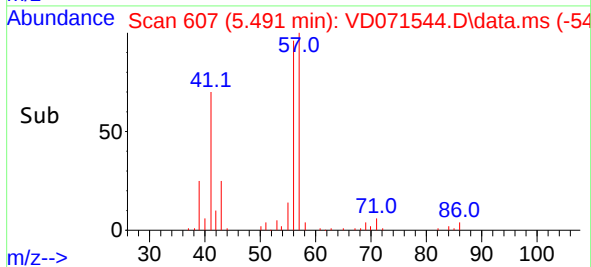
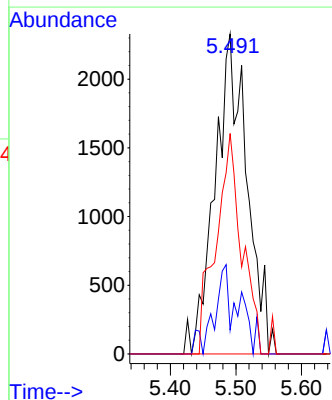
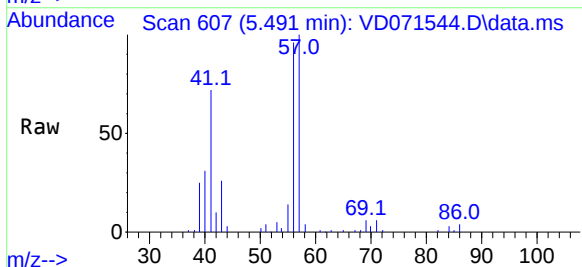
Tgt Ion: 53 Resp: 7910

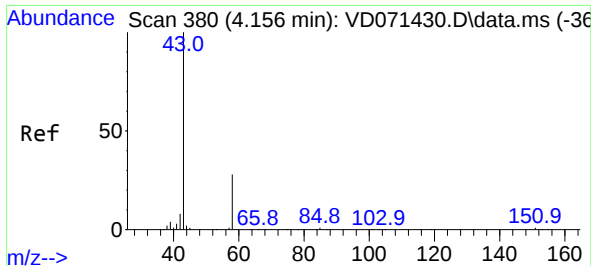
Ion Ratio Lower Upper

53 100

52 14.0 63.8 95.8#

51 55.5 28.5 42.7#

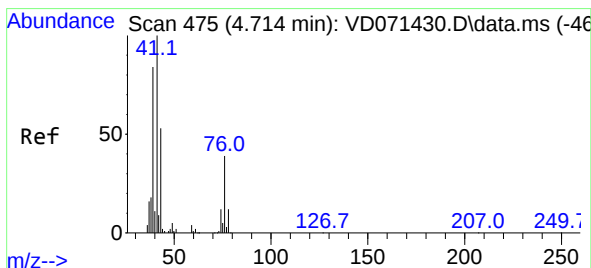
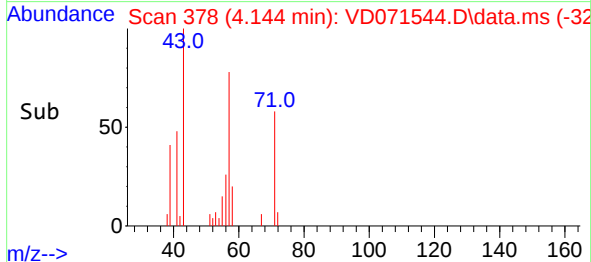
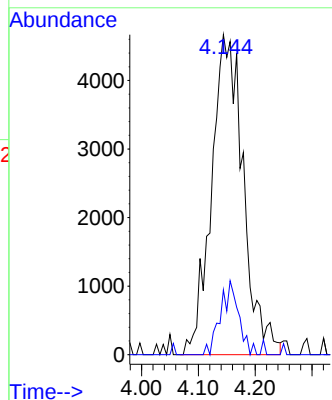
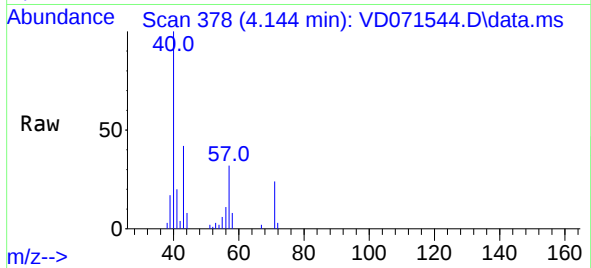




#16
Acetone
Concen: 14.319 ug/l
RT: 4.144 min Scan# 31
Delta R.T. -0.012 min
Lab File: VD071544.D
Acq: 30 Dec 2021 12:54

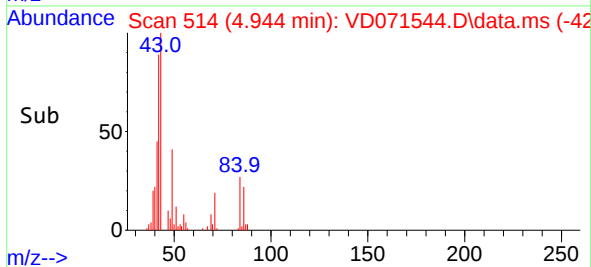
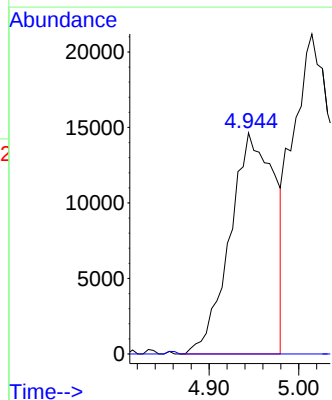
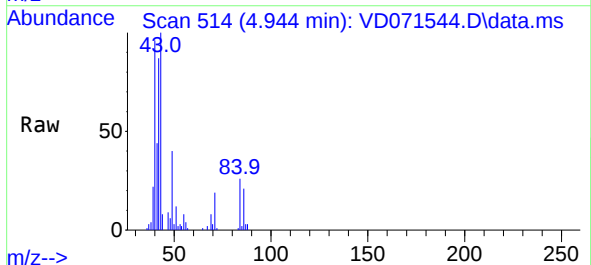
Instrument :
MSVOA_D
ClientSampleId :
TP-1D

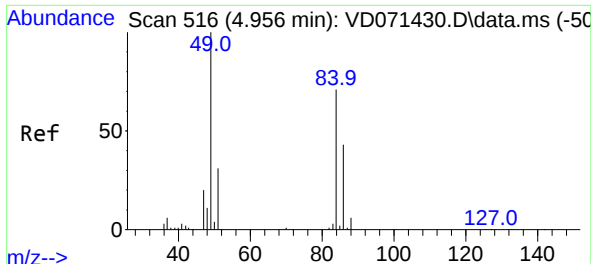
Tgt Ion: 43 Resp: 18151
Ion Ratio Lower Upper
43 100
58 20.3 27.8 41.8#



#18
Methyl Acetate
Concen: 12.975 ug/l
RT: 4.944 min Scan# 514
Delta R.T. 0.224 min
Lab File: VD071544.D
Acq: 30 Dec 2021 12:54

Tgt Ion: 43 Resp: 50763
Ion Ratio Lower Upper
43 100
74 0.0 19.3 28.9#



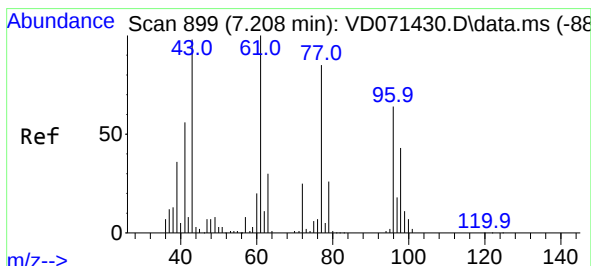
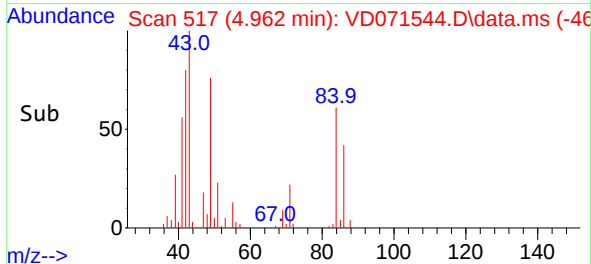
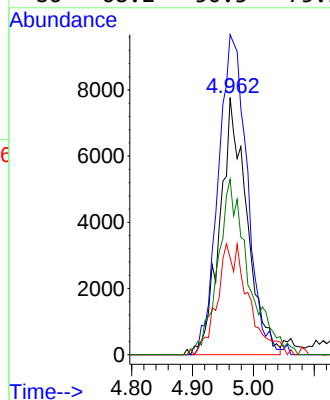
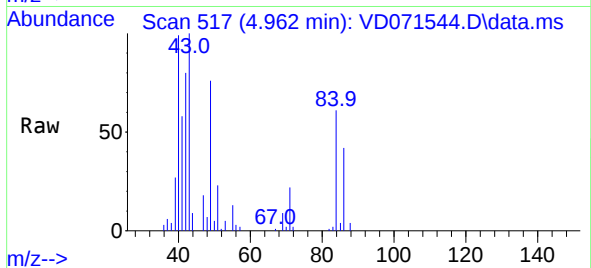


#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 516
Delta R.T. 0.001 min
Lab File: VD071544.D
Acq: 30 Dec 2021 12:54

Instrument :
MSVOA_D
ClientSampleId :
TP-1D

Tgt Ion: 84 Resp: 23986

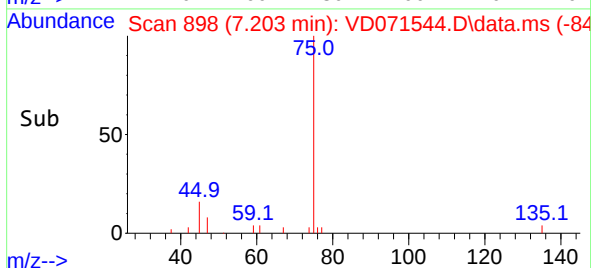
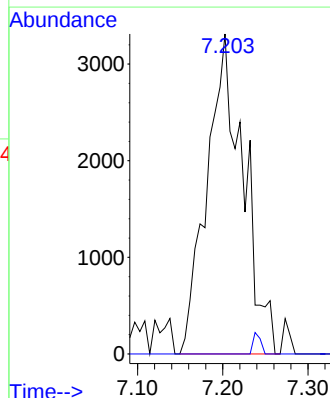
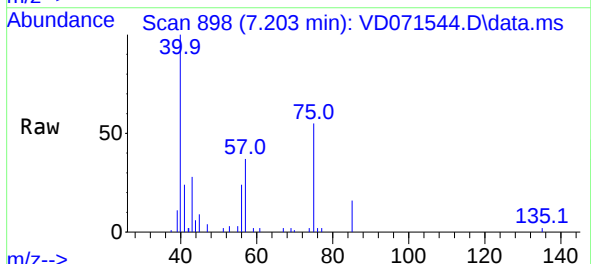
Ion	Ratio	Lower	Upper
84	100		
49	124.4	95.8	143.6
51	37.7	30.9	46.3
86	68.2	50.3	75.5

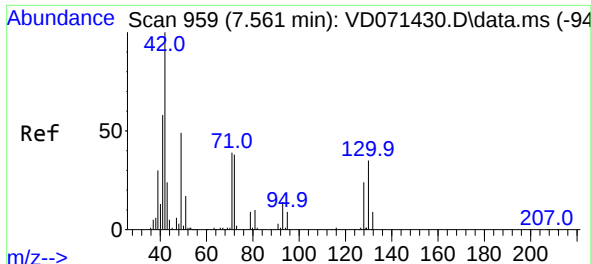


#25
2-Butanone
Concen: 6.490 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.005 min
Lab File: VD071544.D
Acq: 30 Dec 2021 12:54

Tgt Ion: 43 Resp: 9826

Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.8	35.6





#29

Tetrahydrofuran

Concen: 1.111 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD071544.D

Acq: 30 Dec 2021 12:54

Instrument :

MSVOA_D

ClientSampleId :

TP-1D

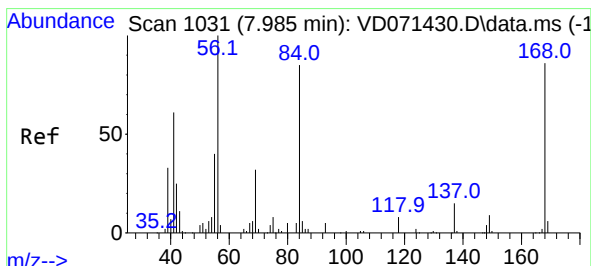
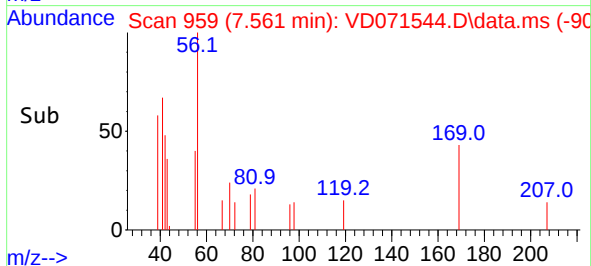
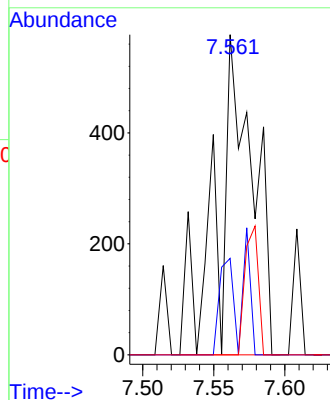
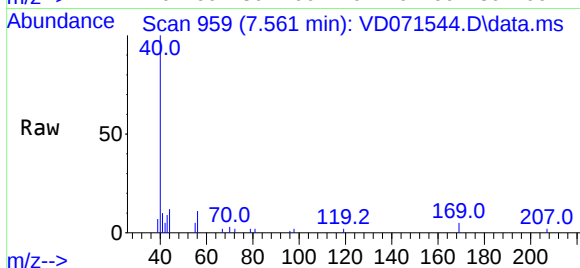
Tgt Ion: 42 Resp: 1010

Ion Ratio Lower Upper

42 100

72 11.6 33.7 50.5#

71 0.0 32.7 49.1#



#31

Cyclohexane

Concen: 18.933 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD071544.D

Acq: 30 Dec 2021 12:54

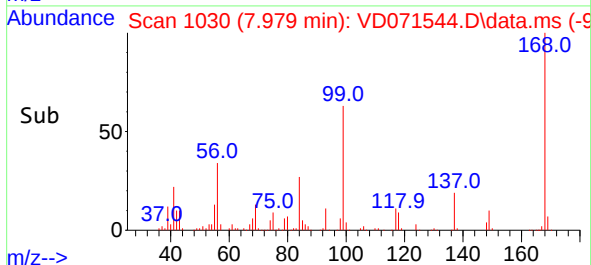
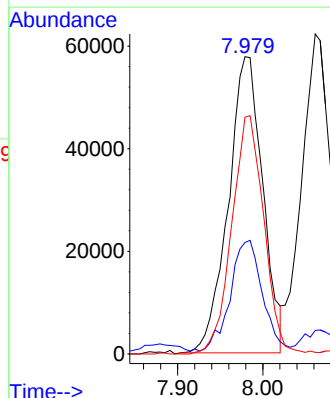
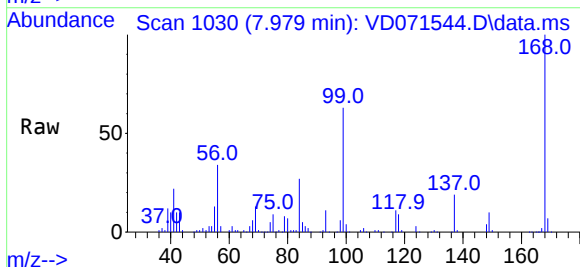
Tgt Ion: 56 Resp: 162308

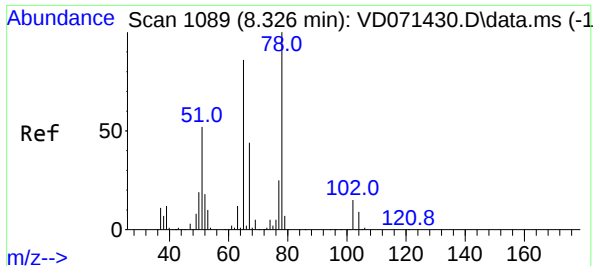
Ion Ratio Lower Upper

56 100

69 35.1 25.9 38.9

84 79.9 64.3 96.5

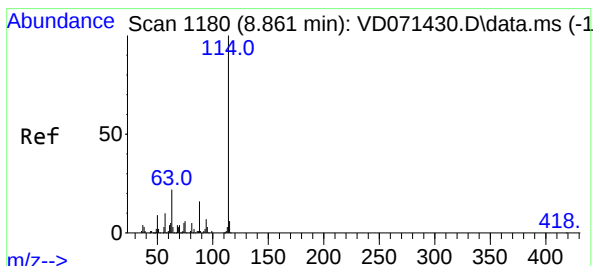
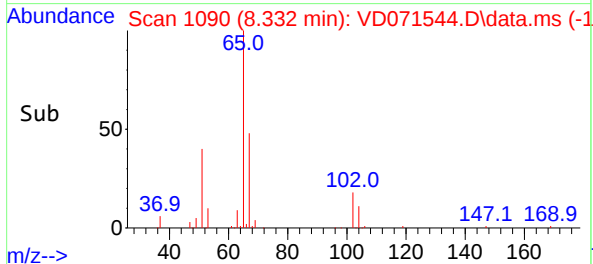
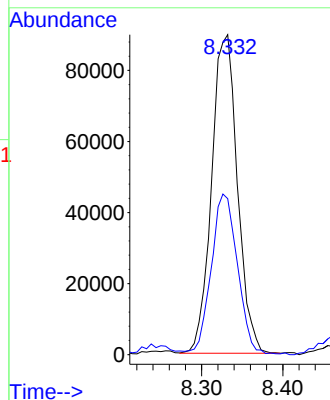
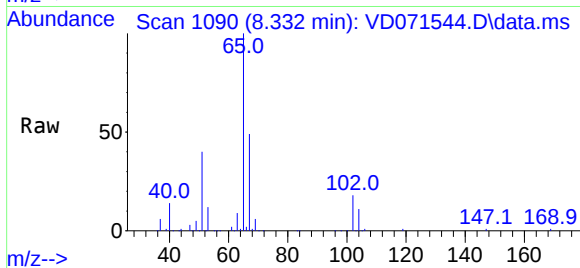




#33
1,2-Dichloroethane-d4
Concen: 39.325 ug/l
RT: 8.332 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD071544.D
Acq: 30 Dec 2021 12:54

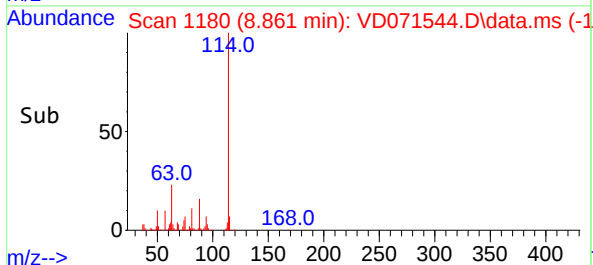
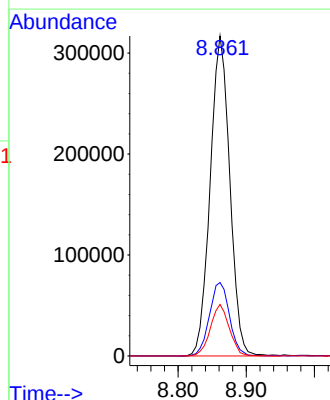
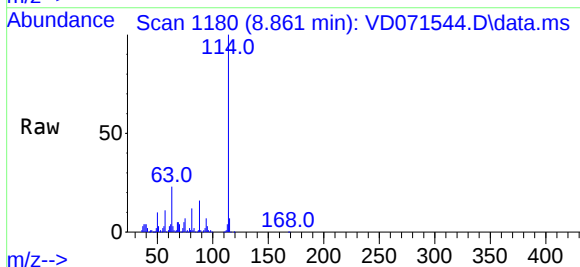
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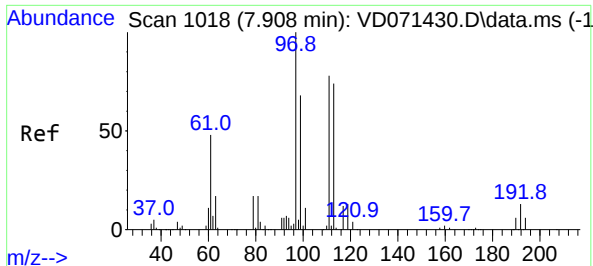
Tgt Ion: 65 Resp: 198455
Ion Ratio Lower Upper
65 100
67 51.6 0.0 112.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071544.D
Acq: 30 Dec 2021 12:54

Tgt Ion:114 Resp: 635606
Ion Ratio Lower Upper
114 100
63 23.0 0.0 41.8
88 16.1 0.0 32.8

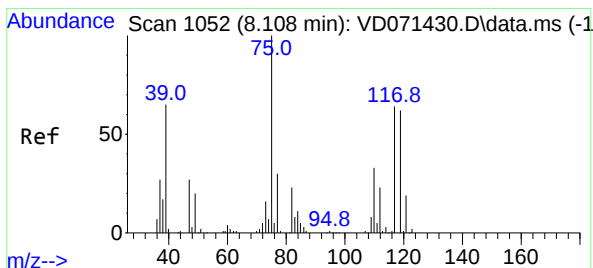
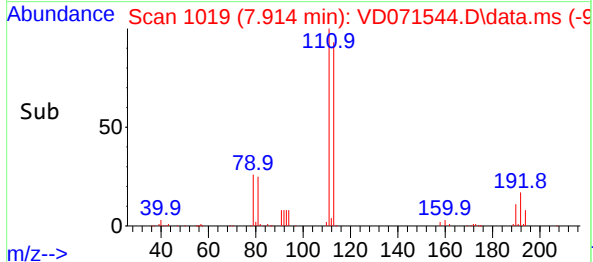
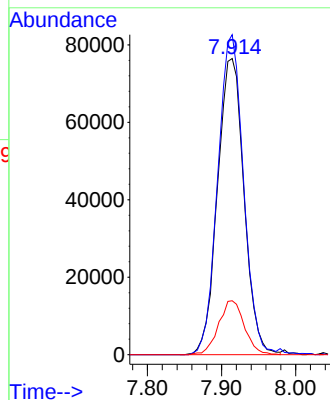
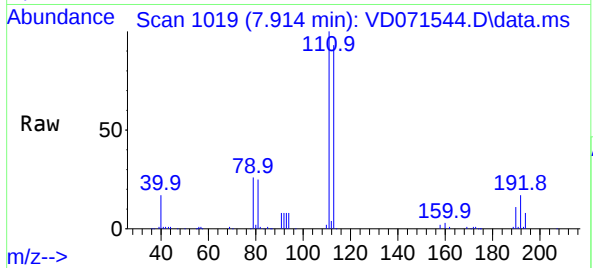




#35
Dibromofluoromethane
Concen: 44.442 ug/l
RT: 7.914 min Scan# 1018
Delta R.T. 0.006 min
Lab File: VD071544.D
Acq: 30 Dec 2021 12:54

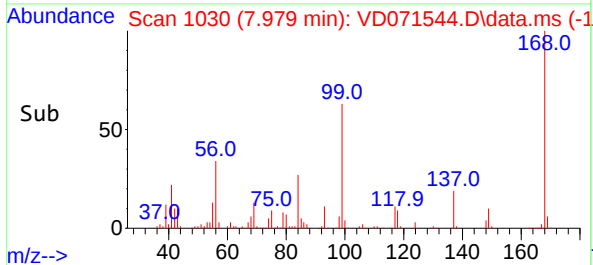
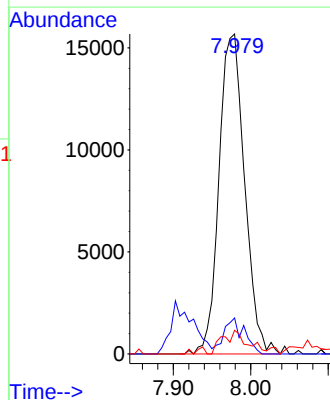
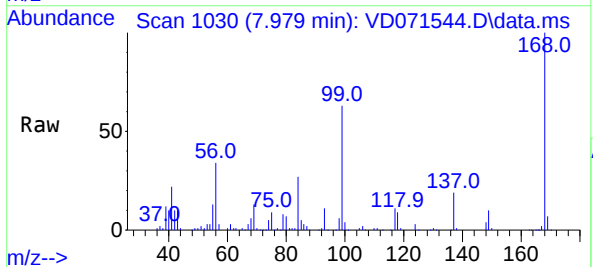
Instrument :
MSVOA_D
ClientSampleId :
TP-1D

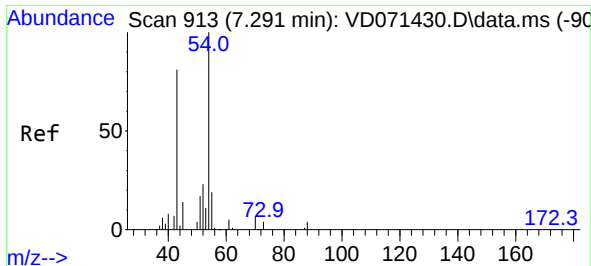
Tgt Ion:113 Resp: 189846
Ion Ratio Lower Upper
113 100
111 105.6 82.0 123.0
192 17.8 15.2 22.8



#36
1,1-Dichloropropene
Concen: 5.290 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.129 min
Lab File: VD071544.D
Acq: 30 Dec 2021 12:54

Tgt Ion: 75 Resp: 36103
Ion Ratio Lower Upper
75 100
110 9.0 17.8 53.4#
77 7.1 24.8 37.2#

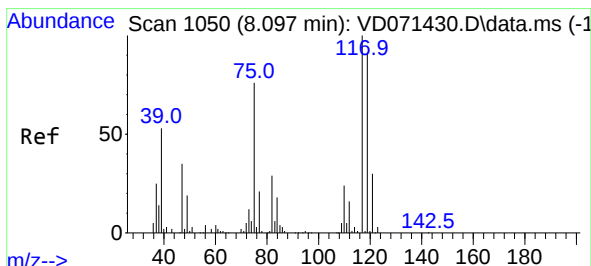
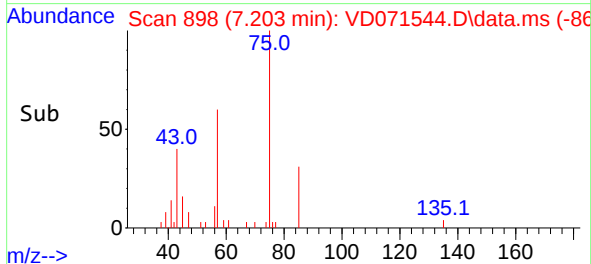
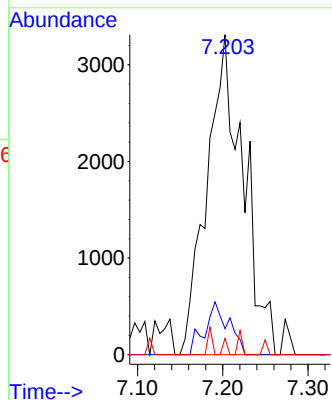
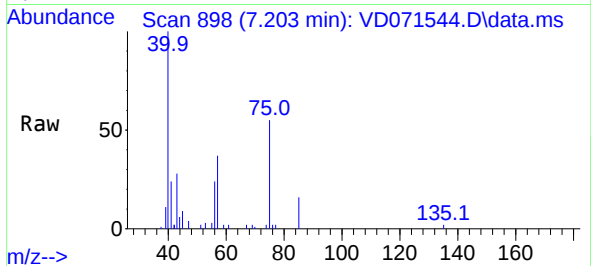




#37
Ethyl Acetate
Concen: 3.119 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.082 min
Lab File: VD071544.D
Acq: 30 Dec 2021 12:54

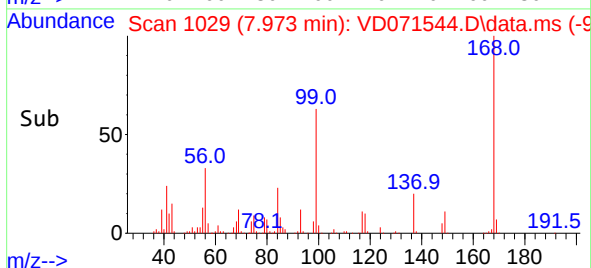
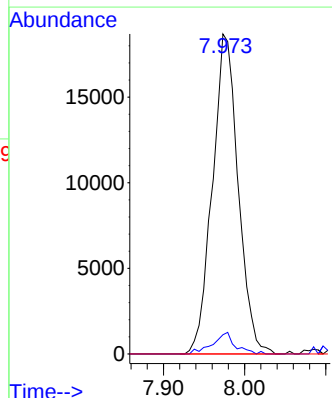
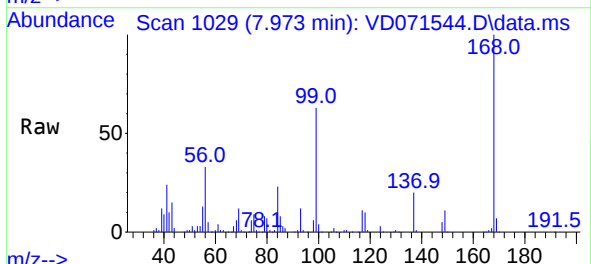
Instrument :
MSVOA_D
ClientSampleId :
TP-1D

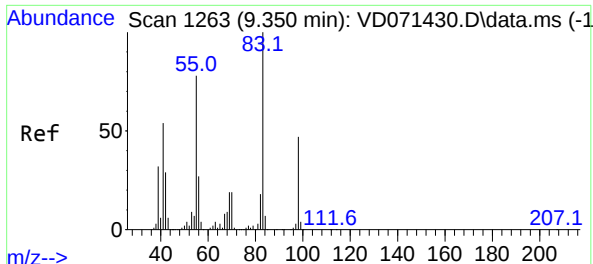
Tgt Ion: 43 Resp: 9826
Ion Ratio Lower Upper
43 100
61 0.0 13.0 19.6#
70 0.6 8.7 13.1#



#38
Carbon Tetrachloride
Concen: 6.118 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD071544.D
Acq: 30 Dec 2021 12:54

Tgt Ion: 117 Resp: 41197
Ion Ratio Lower Upper
117 100
119 6.0 75.8 113.6#
121 0.0 23.6 35.4#

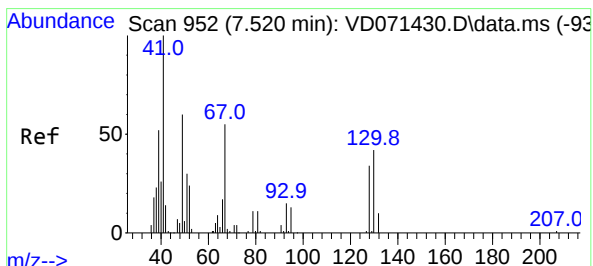
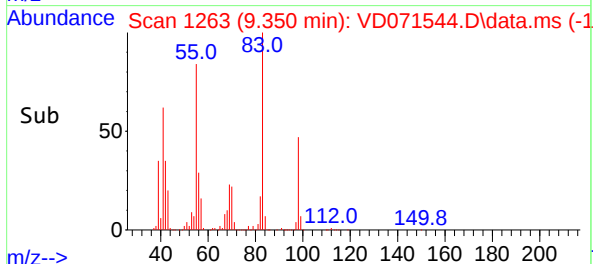
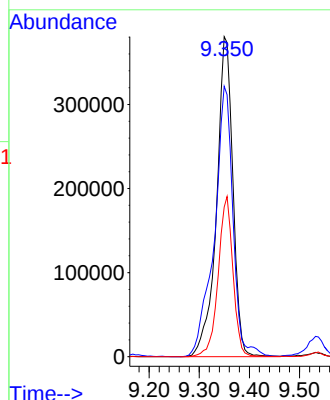
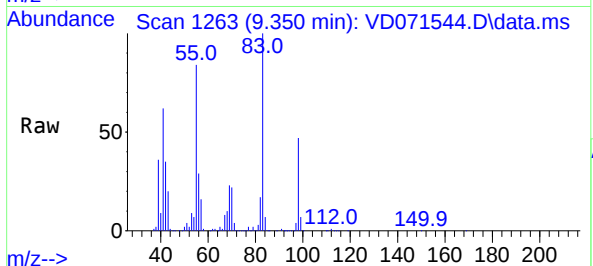




#39
Methylcyclohexane
Concen: 107.983 ug/l
RT: 9.350 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD071544.D
Acq: 30 Dec 2021 12:54

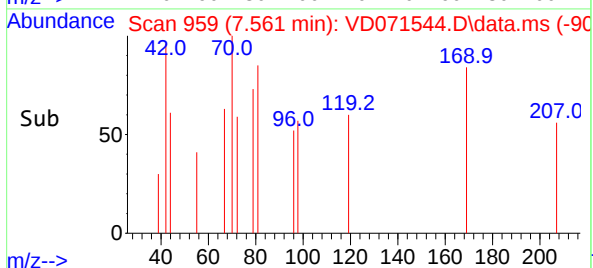
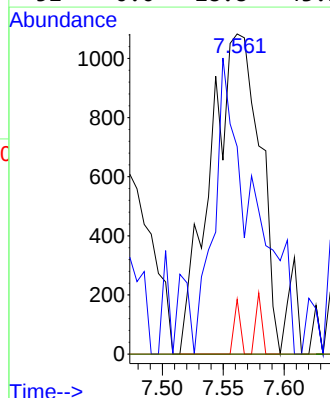
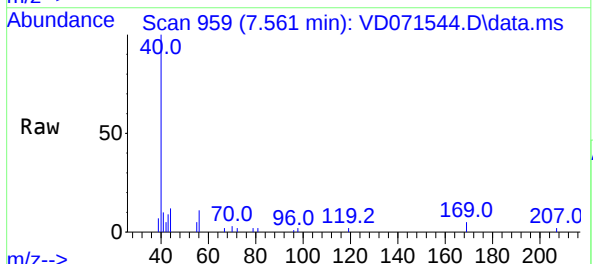
Instrument :
MSVOA_D
ClientSampleId :
TP-1D

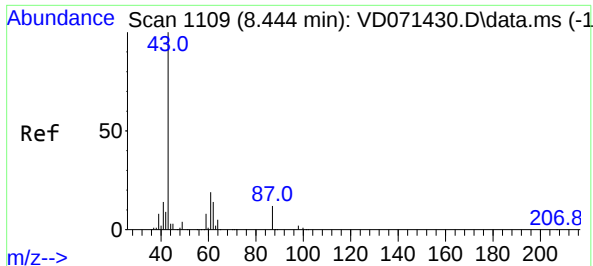
Tgt Ion: 83 Resp: 862682
Ion Ratio Lower Upper
83 100
55 84.5 65.8 98.8
98 46.7 38.7 58.1



#41
Methacrylonitrile
Concen: 1.647 ug/l
RT: 7.561 min Scan# 959
Delta R.T. 0.035 min
Lab File: VD071544.D
Acq: 30 Dec 2021 12:54

Tgt Ion: 41 Resp: 3082
Ion Ratio Lower Upper
41 100
39 73.4 60.2 90.4
67 0.0 74.8 112.2#
52 0.0 28.8 43.2#

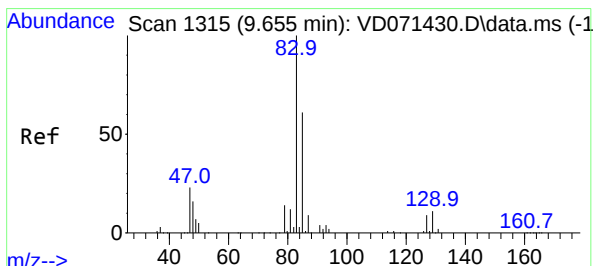
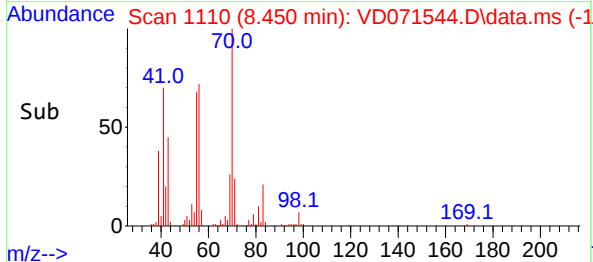
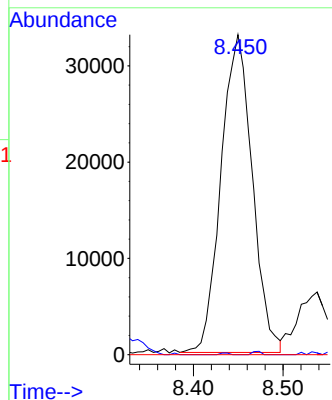
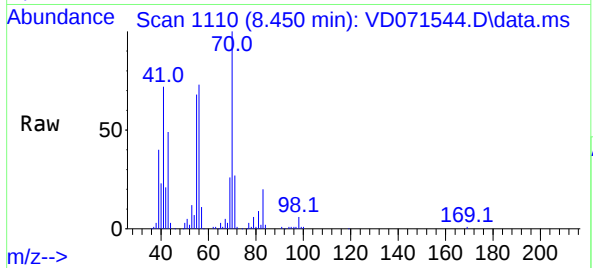




#43
Isopropyl Acetate
Concen: 12.773 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VD071544.D
Acq: 30 Dec 2021 12:54

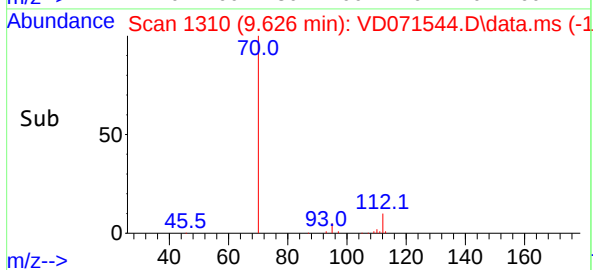
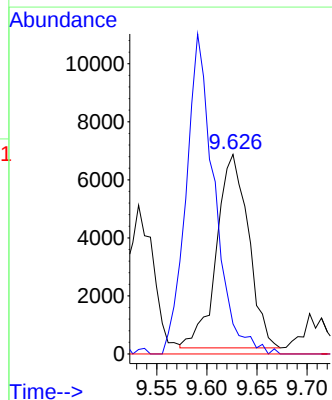
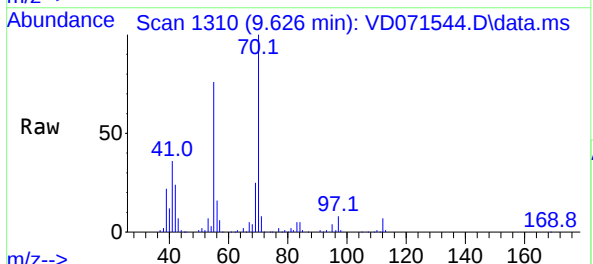
Instrument :
MSVOA_D
ClientSampleId :
TP-1D

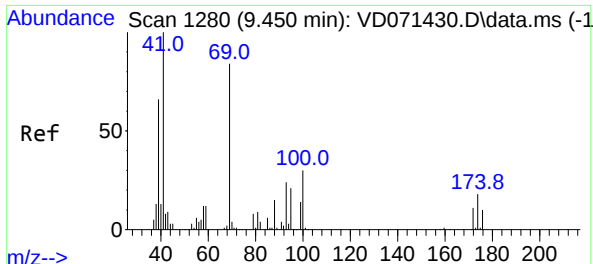
Tgt Ion: 43 Resp: 79865
Ion Ratio Lower Upper
43 100
61 0.0 28.2 42.4#
87 0.0 10.7 16.1#



#47
Bromodichloromethane
Concen: 2.208 ug/l
RT: 9.626 min Scan# 1310
Delta R.T. -0.029 min
Lab File: VD071544.D
Acq: 30 Dec 2021 12:54

Tgt Ion: 83 Resp: 14744
Ion Ratio Lower Upper
83 100
85 15.5 50.0 75.0#
127 0.0 7.3 10.9#

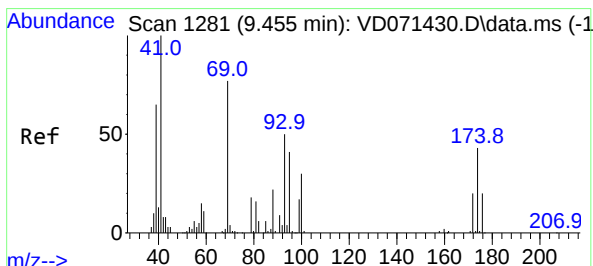
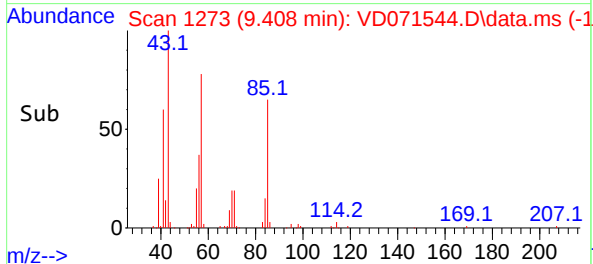
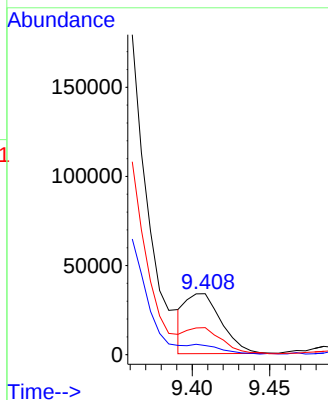
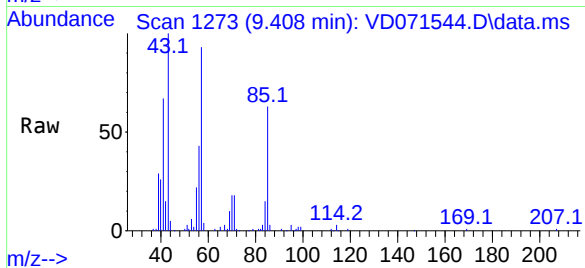




#48
Methyl methacrylate
Concen: 17.460 ug/l
RT: 9.408 min Scan# 11
Delta R.T. -0.041 min
Lab File: VD071544.D
Acq: 30 Dec 2021 12:54

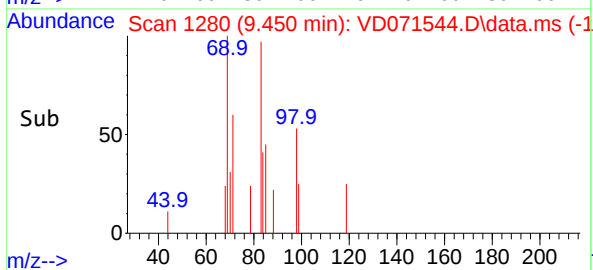
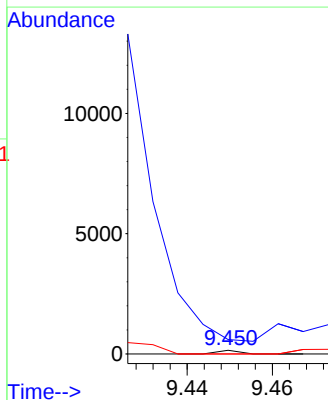
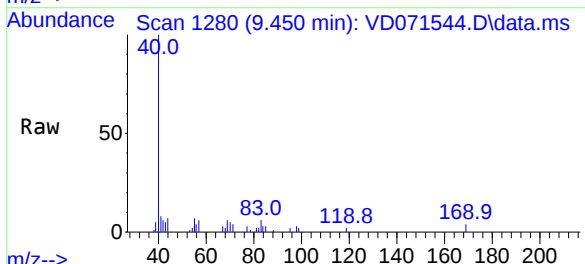
Instrument :
MSVOA_D
ClientSampleId :
TP-1D

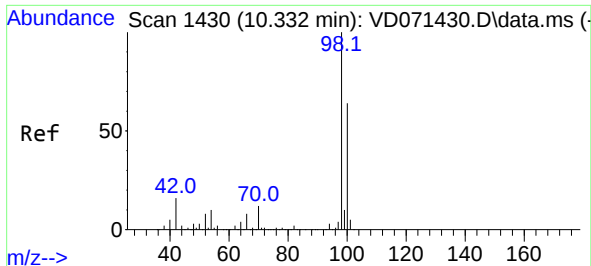
Tgt Ion: 41 Resp: 54024
Ion Ratio Lower Upper
41 100
69 0.0 69.8 104.6#
39 45.3 35.6 53.4



#49
1,4-Dioxane
Concen: 1.817 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. -0.005 min
Lab File: VD071544.D
Acq: 30 Dec 2021 12:54

Tgt Ion: 88 Resp: 54
Ion Ratio Lower Upper
88 100
43 0.0 28.9 43.3#
58 0.0 56.3 84.5#

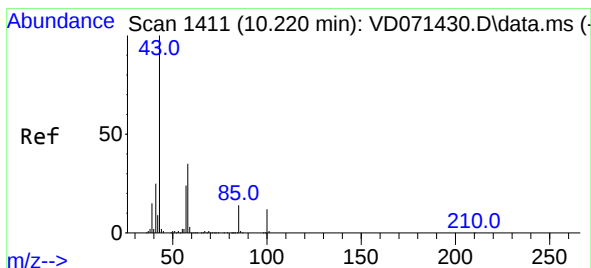
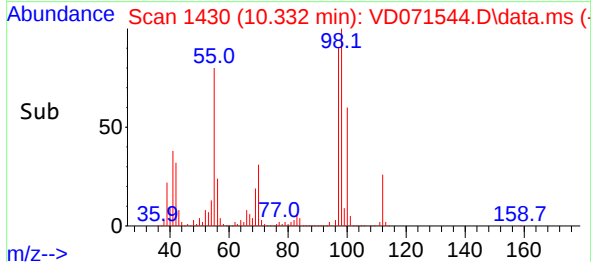
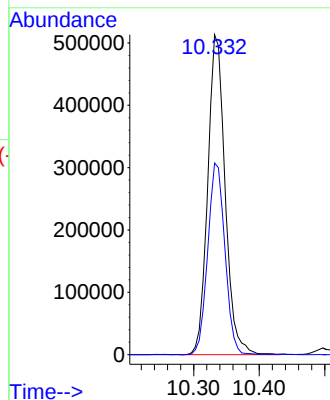
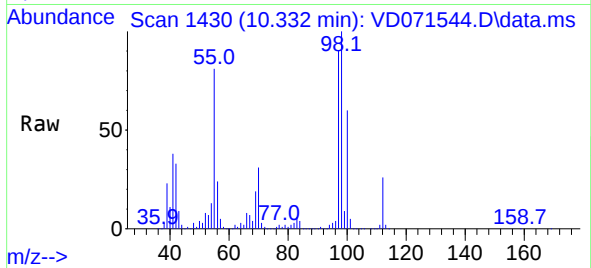




#50
Toluene-d8
Concen: 58.734 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD071544.D
Acq: 30 Dec 2021 12:54

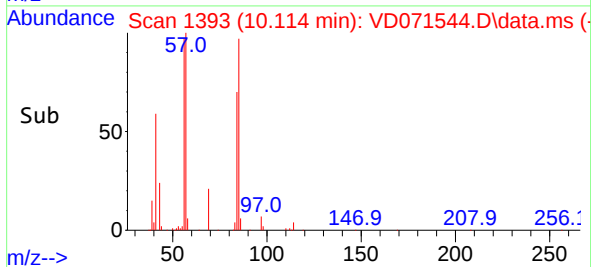
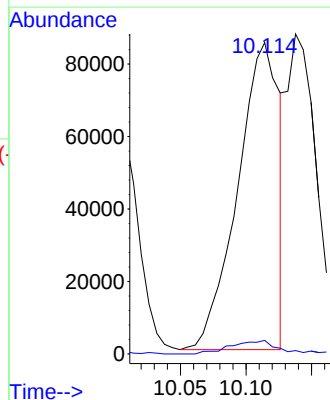
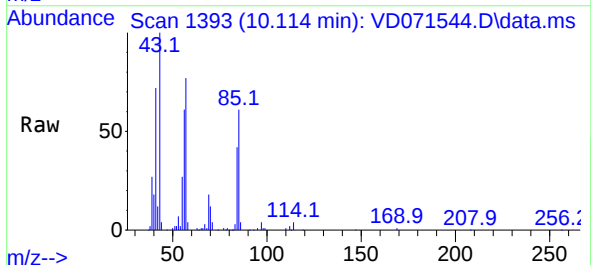
Instrument :
MSVOA_D
ClientSampleId :
TP-1D

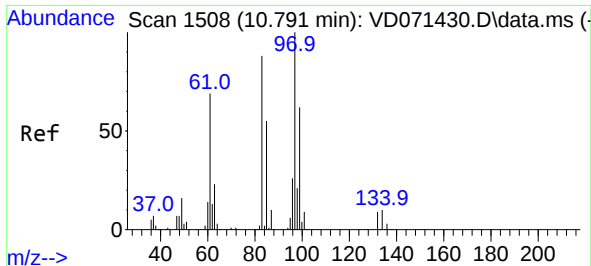
Tgt Ion: 98 Resp: 948147
Ion Ratio Lower Upper
98 100
100 59.2 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 56.889 ug/l
RT: 10.114 min Scan# 1393
Delta R.T. -0.106 min
Lab File: VD071544.D
Acq: 30 Dec 2021 12:54

Tgt Ion: 43 Resp: 187143
Ion Ratio Lower Upper
43 100
58 5.2 33.1 49.7#

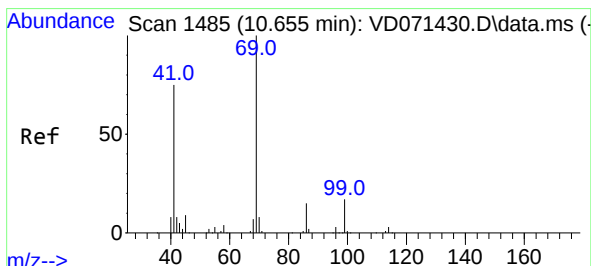
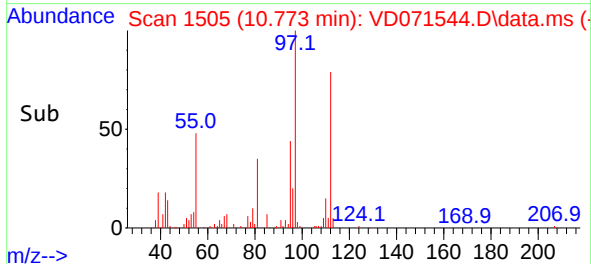
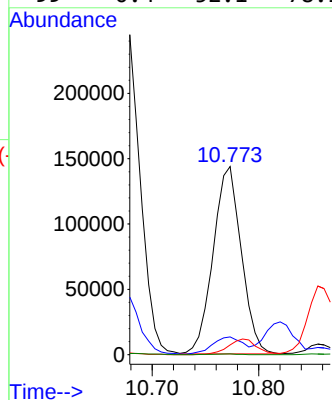
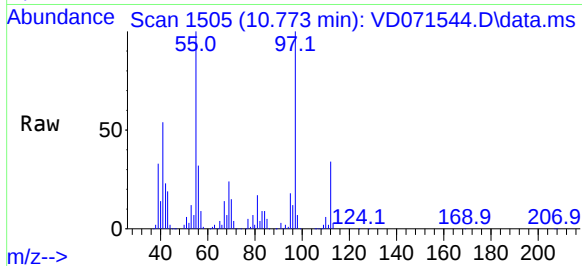




#55
1,1,2-Trichloroethane
Concen: 78.900 ug/l
RT: 10.773 min Scan# 1505
Delta R.T. -0.018 min
Lab File: VD071544.D
Acq: 30 Dec 2021 12:54

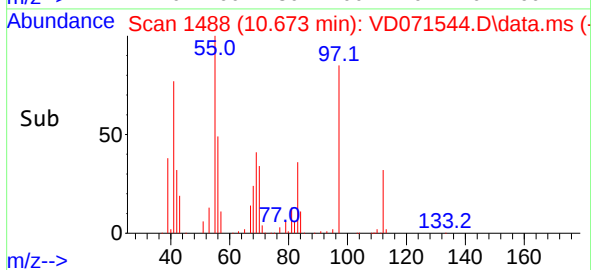
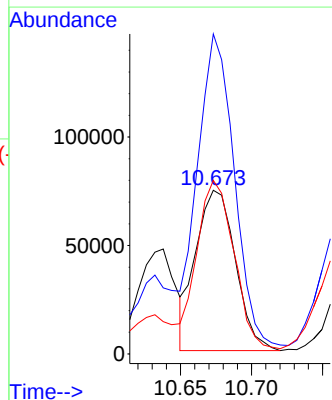
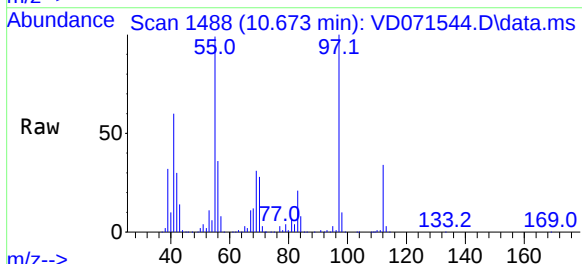
Instrument :
MSVOA_D
ClientSampleId :
TP-1D

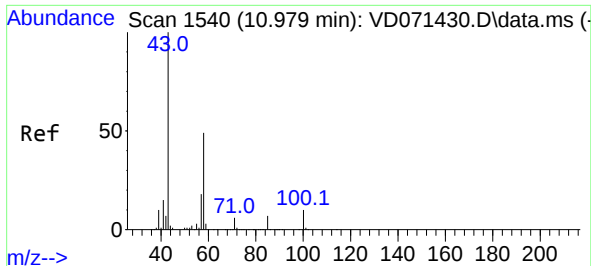
Tgt Ion: 97 Resp: 263411
Ion Ratio Lower Upper
97 100
83 9.1 65.2 97.8#
85 5.2 43.4 65.0#
99 0.4 52.1 78.1#



#56
Ethyl methacrylate
Concen: 32.629 ug/l
RT: 10.673 min Scan# 1488
Delta R.T. 0.018 min
Lab File: VD071544.D
Acq: 30 Dec 2021 12:54

Tgt Ion: 69 Resp: 143349
Ion Ratio Lower Upper
69 100
41 176.9 50.2 75.2#
39 99.7 19.8 29.8#

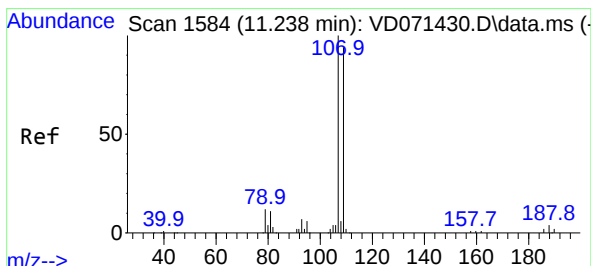
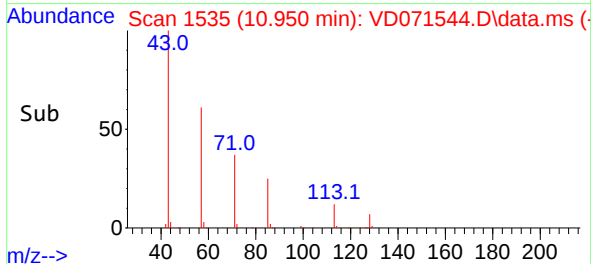
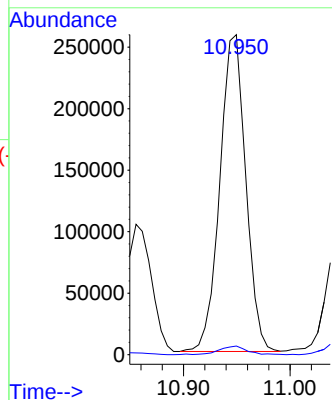
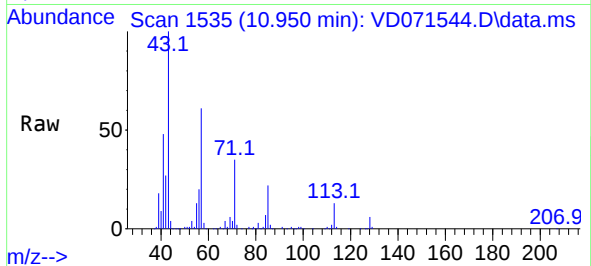




#59
2-Hexanone
Concen: 187.264 ug/l
RT: 10.950 min Scan# 1535
Delta R.T. -0.029 min
Lab File: VD071544.D
Acq: 30 Dec 2021 12:54

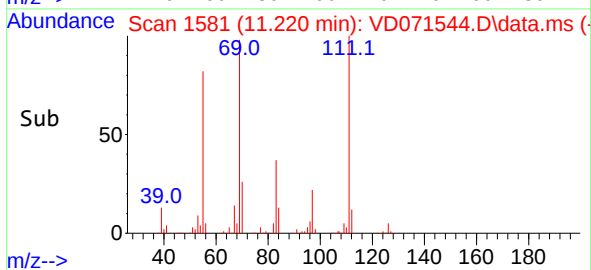
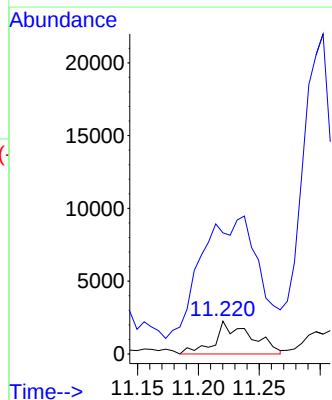
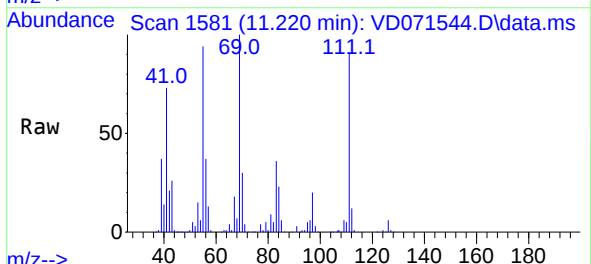
Instrument :
MSVOA_D
ClientSampleId :
TP-1D

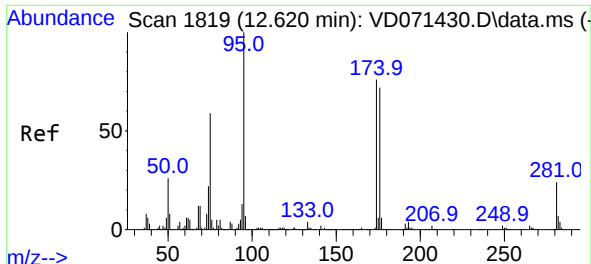
Tgt Ion: 43 Resp: 435440
Ion Ratio Lower Upper
43 100
58 2.9 28.7 86.1#



#61
1,2-Dibromoethane
Concen: 1.405 ug/l
RT: 11.220 min Scan# 1581
Delta R.T. -0.018 min
Lab File: VD071544.D
Acq: 30 Dec 2021 12:54

Tgt Ion:107 Resp: 4647
Ion Ratio Lower Upper
107 100
109 590.7 74.6 112.0#

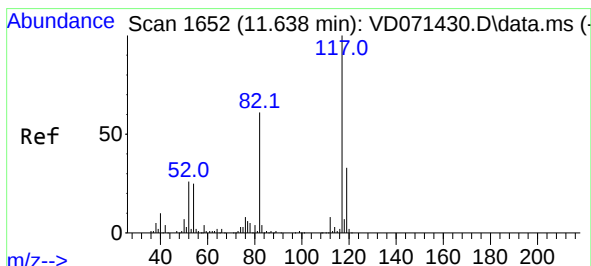
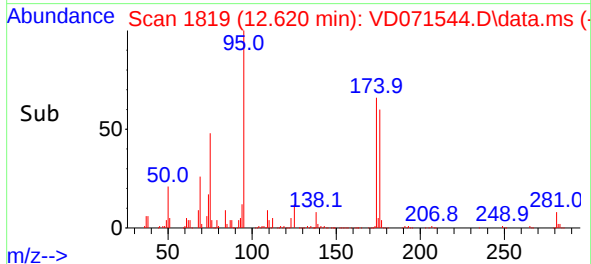
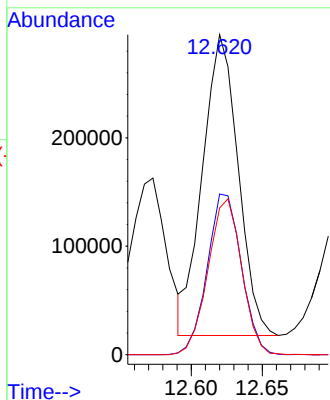
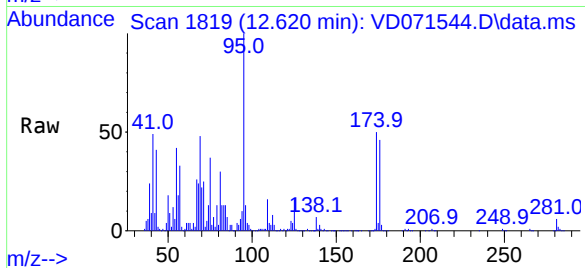




#62
4-Bromofluorobenzene
Concen: 84.122 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071544.D
Acq: 30 Dec 2021 12:54

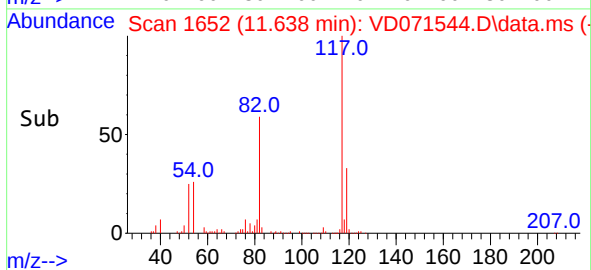
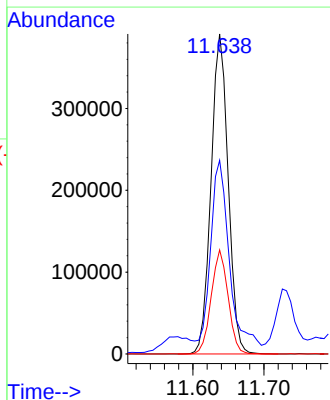
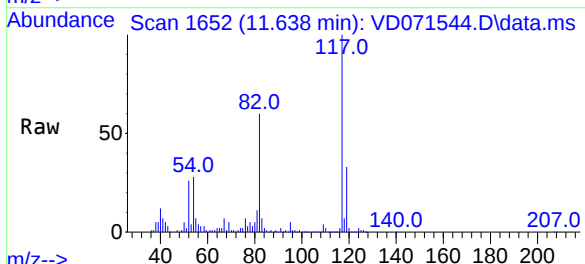
Instrument :
MSVOA_D
ClientSampleId :
TP-1D

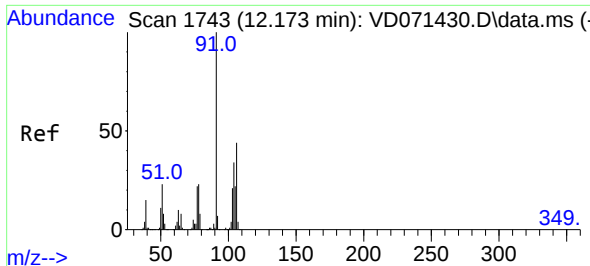
Tgt Ion: 95 Resp: 482561
Ion Ratio Lower Upper
95 100
174 51.4 0.0 159.4
176 49.0 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071544.D
Acq: 30 Dec 2021 12:54

Tgt Ion: 117 Resp: 652897
Ion Ratio Lower Upper
117 100
82 55.1 44.7 67.1
119 32.5 26.2 39.4

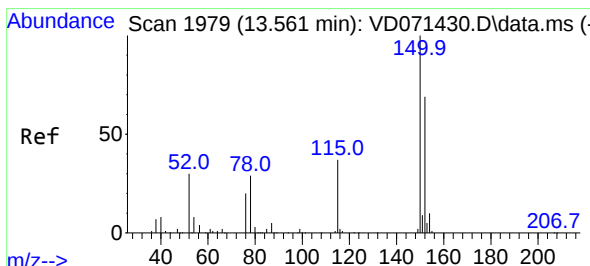
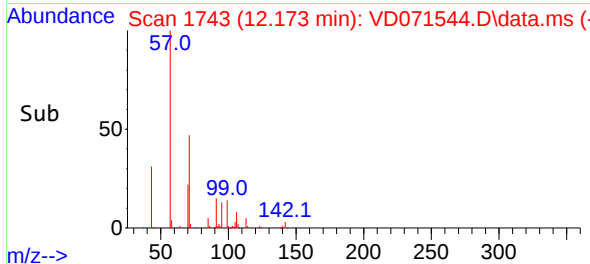
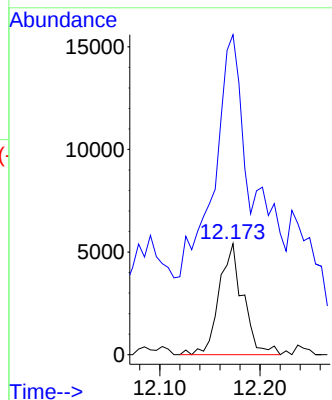
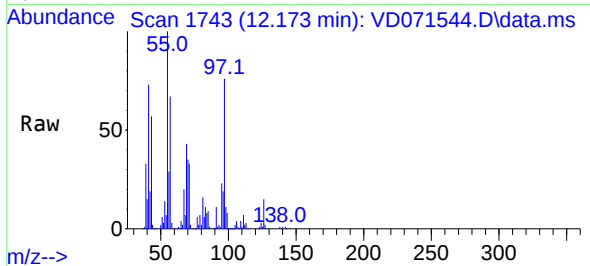




#69
o-Xylene
Concen: 1.037 ug/l
RT: 12.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071544.D
Acq: 30 Dec 2021 12:54

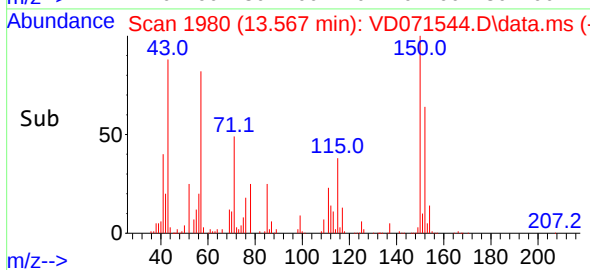
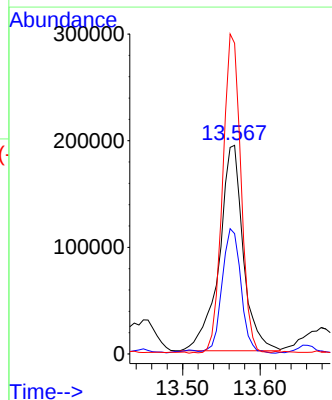
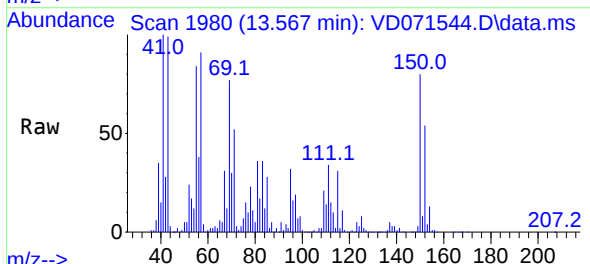
Instrument :
MSVOA_D
ClientSampleId :
TP-1D

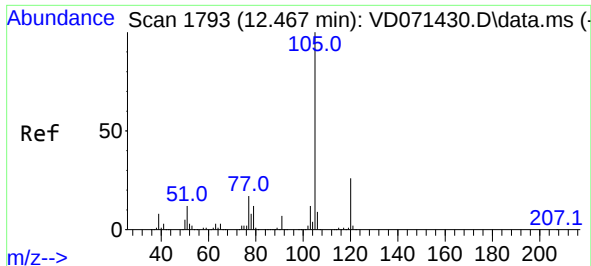
Tgt Ion:106 Resp: 8976
Ion Ratio Lower Upper
106 100
91 330.7 106.3 319.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD071544.D
Acq: 30 Dec 2021 12:54

Tgt Ion:152 Resp: 415909
Ion Ratio Lower Upper
152 100
115 48.0 29.8 89.3
150 117.8 0.0 349.2

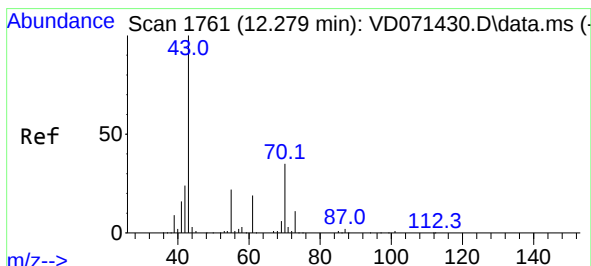
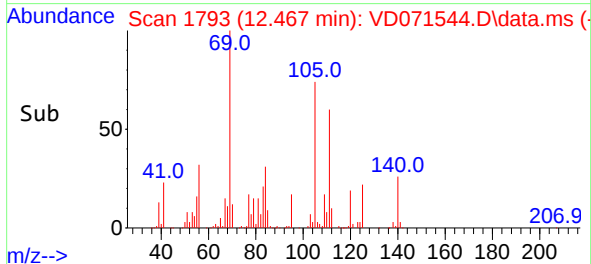
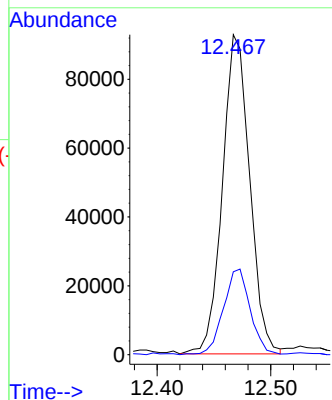
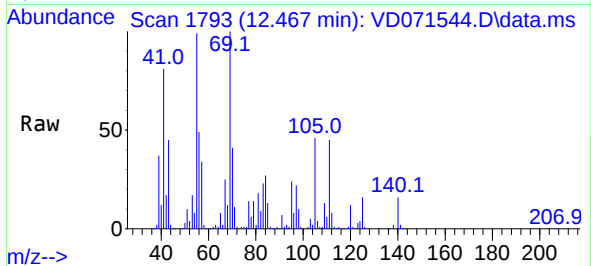




#73
Isopropylbenzene
Concen: 4.825 ug/l
RT: 12.467 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD071544.D
Acq: 30 Dec 2021 12:54

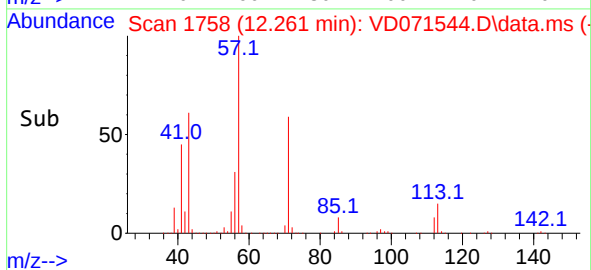
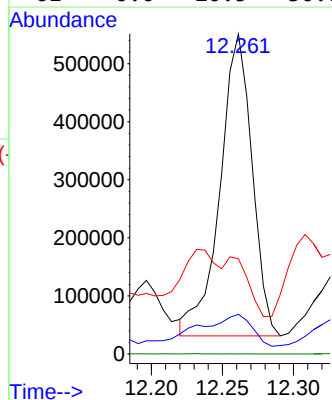
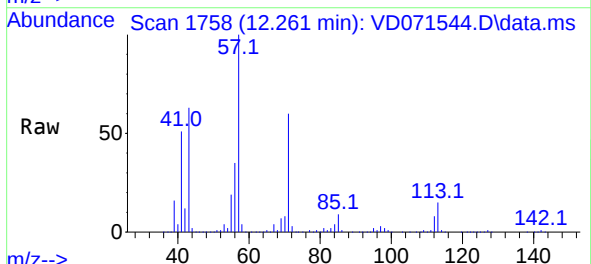
Instrument :
MSVOA_D
ClientSampleId :
TP-1D

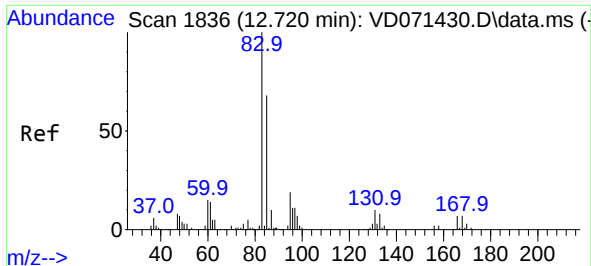
Tgt Ion:105 Resp: 154725
Ion Ratio Lower Upper
105 100
120 26.4 13.2 39.5



#74
N-ethyl acetate
Concen: 94.945 ug/l
RT: 12.261 min Scan# 1758
Delta R.T. -0.018 min
Lab File: VD071544.D
Acq: 30 Dec 2021 12:54

Tgt Ion: 43 Resp: 816785
Ion Ratio Lower Upper
43 100
70 17.8 36.6 55.0#
55 0.0 22.5 33.7#
61 0.0 20.5 30.7#

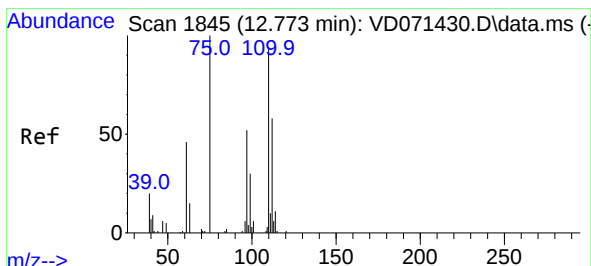
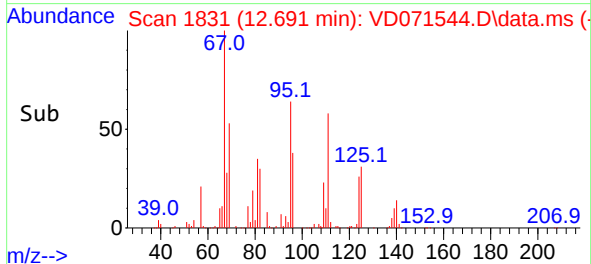
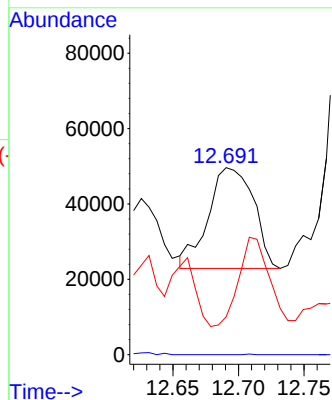
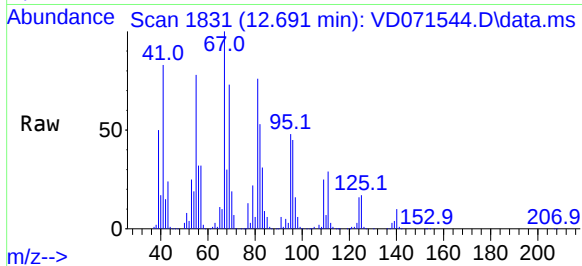




#75
1,1,2,2-Tetrachloroethane
Concen: 11.099 ug/l
RT: 12.691 min Scan# 1819
Delta R.T. -0.029 min
Lab File: VD071544.D
Acq: 30 Dec 2021 12:54

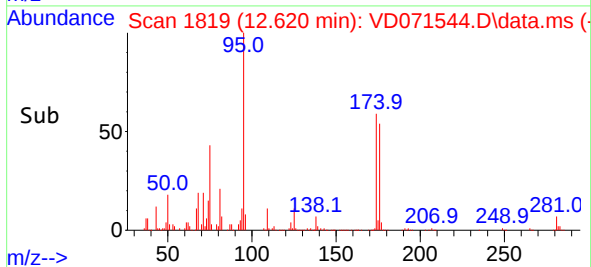
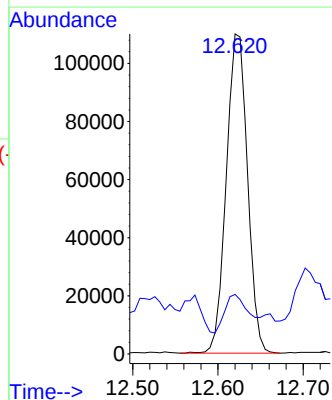
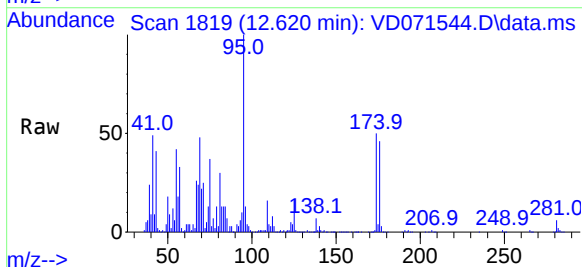
Instrument :
MSVOA_D
ClientSampleId :
TP-1D

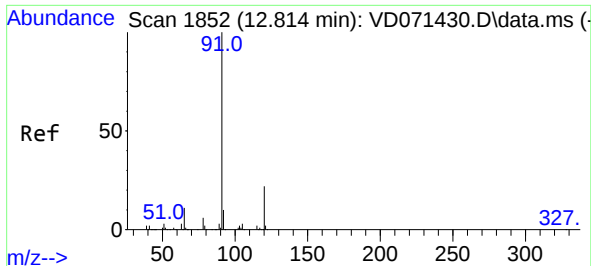
Tgt Ion: 83 Resp: 64342
Ion Ratio Lower Upper
83 100
131 0.1 4.9 14.7#
85 58.6 32.0 96.2



#76
1,2,3-Trichloropropane
Concen: 38.488 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD071544.D
Acq: 30 Dec 2021 12:54

Tgt Ion: 75 Resp: 190197
Ion Ratio Lower Upper
75 100
77 12.8 158.4 475.3#

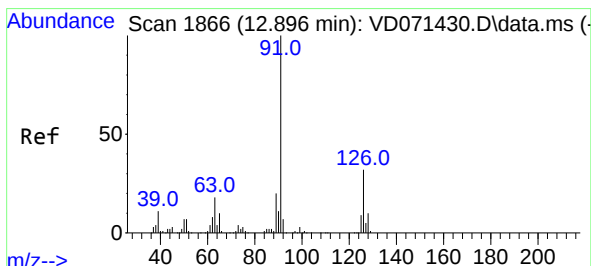
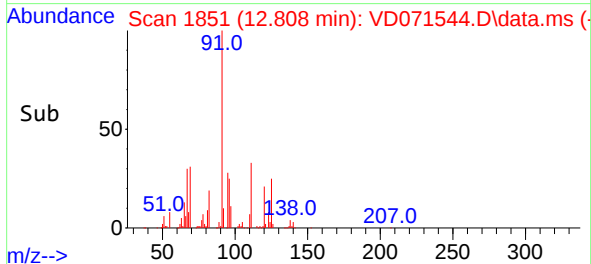
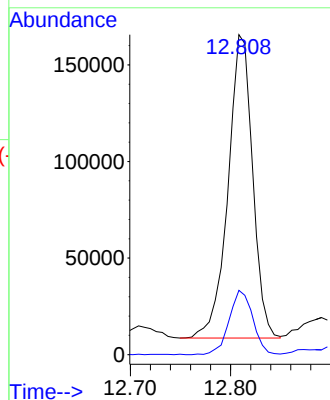
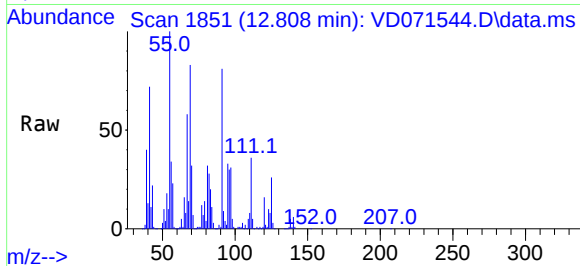




#78
n-propylbenzene
Concen: 6.651 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD071544.D
Acq: 30 Dec 2021 12:54

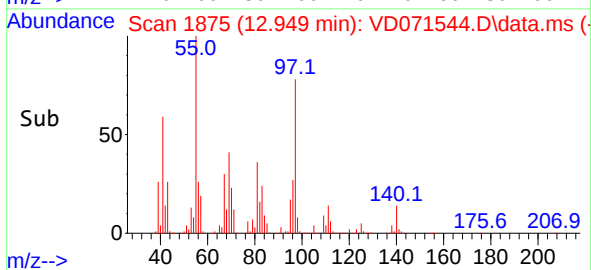
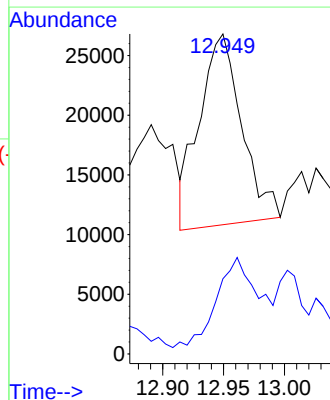
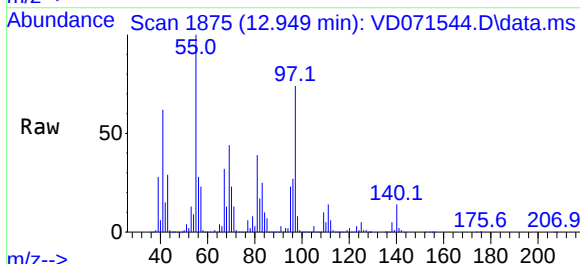
Instrument :
MSVOA_D
ClientSampleId :
TP-1D

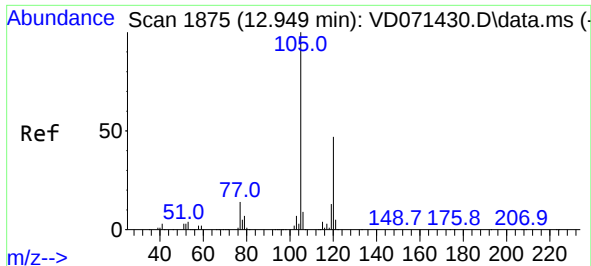
Tgt Ion: 91 Resp: 267296
Ion Ratio Lower Upper
91 100
120 20.5 10.9 32.9



#79
2-Chlorotoluene
Concen: 1.732 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.053 min
Lab File: VD071544.D
Acq: 30 Dec 2021 12:54

Tgt Ion: 91 Resp: 38899
Ion Ratio Lower Upper
91 100
126 47.2 16.6 49.7

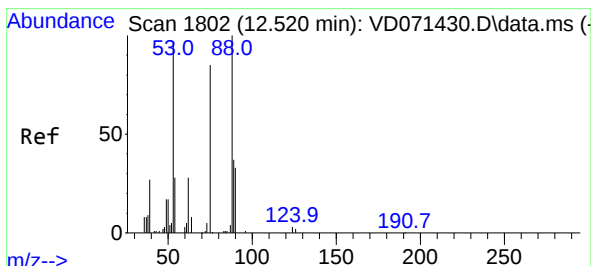
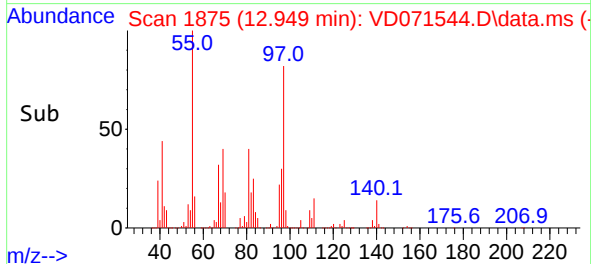
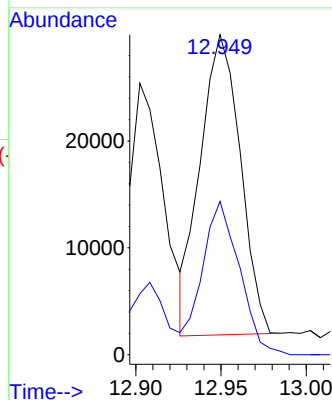
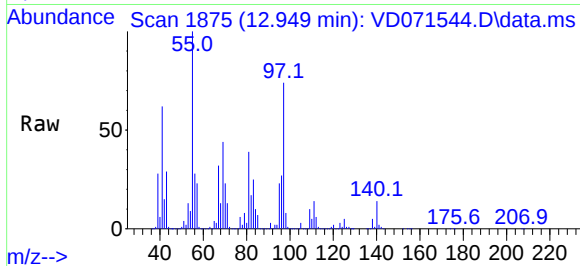




#80
1,3,5-Trimethylbenzene
Concen: 1.737 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD071544.D
Acq: 30 Dec 2021 12:54

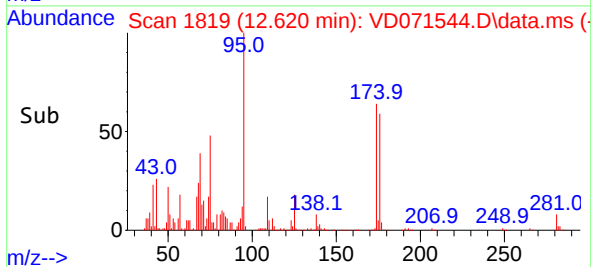
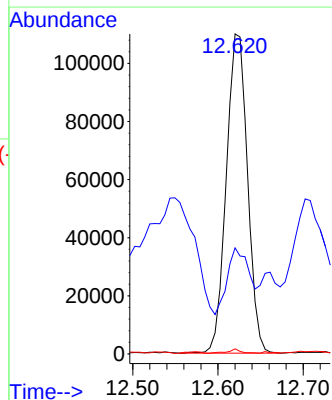
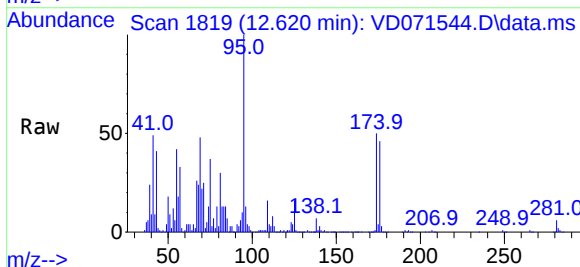
Instrument :
MSVOA_D
ClientSampleId :
TP-1D

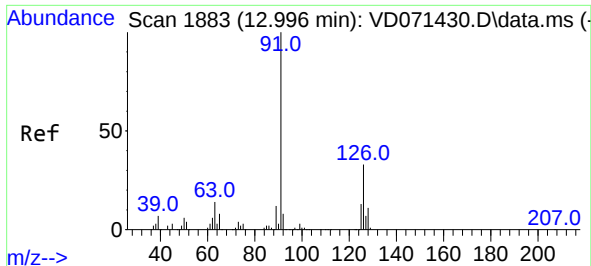
Tgt Ion:105 Resp: 45948
Ion Ratio Lower Upper
105 100
120 47.5 24.6 73.8



#81
trans-1,4-Dichloro-2-butene
Concen: 108.748 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD071544.D
Acq: 30 Dec 2021 12:54

Tgt Ion: 75 Resp: 190197
Ion Ratio Lower Upper
75 100
53 21.3 62.6 94.0#
89 1.0 34.5 51.7#

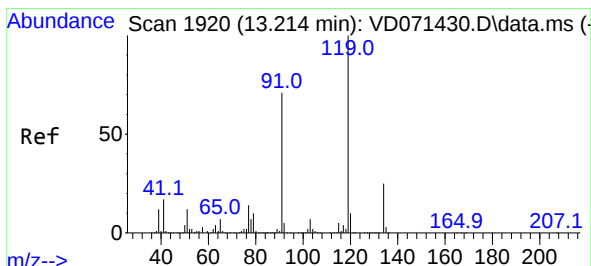
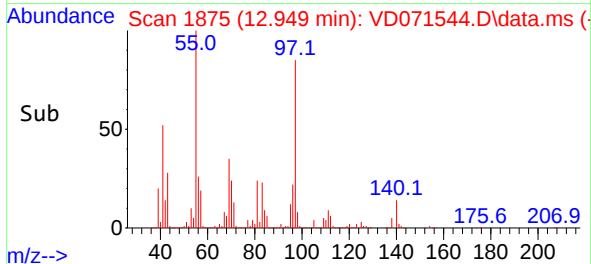
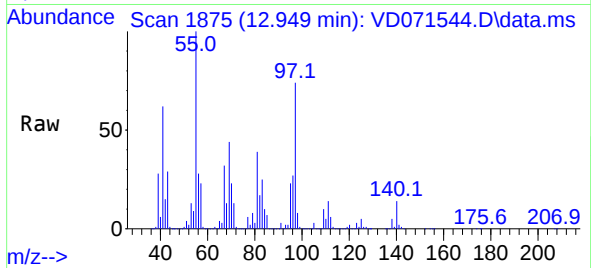




#82
4-Chlorotoluene
Concen: 1.656 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.047 min
Lab File: VD071544.D
Acq: 30 Dec 2021 12:54

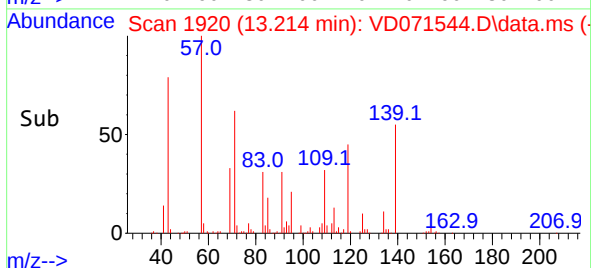
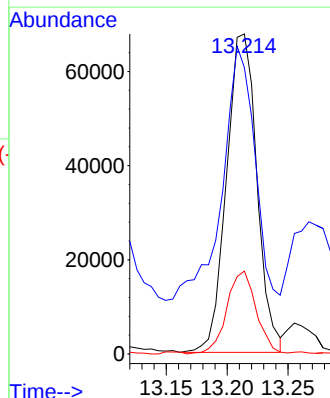
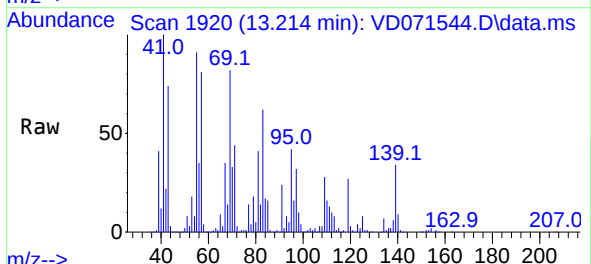
Instrument :
MSVOA_D
ClientSampleId :
TP-1D

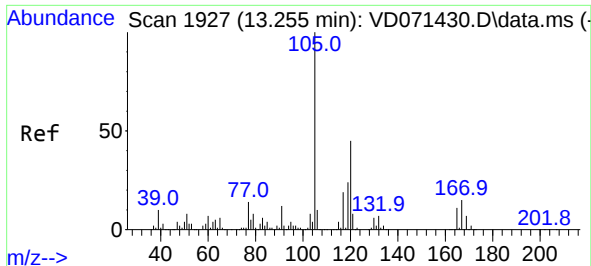
Tgt Ion: 91 Resp: 38575
Ion Ratio Lower Upper
91 100
126 47.6 16.4 49.1



#83
tert-Butylbenzene
Concen: 5.217 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD071544.D
Acq: 30 Dec 2021 12:54

Tgt Ion: 119 Resp: 117893
Ion Ratio Lower Upper
119 100
91 83.7 32.5 97.5
134 25.2 13.2 39.6

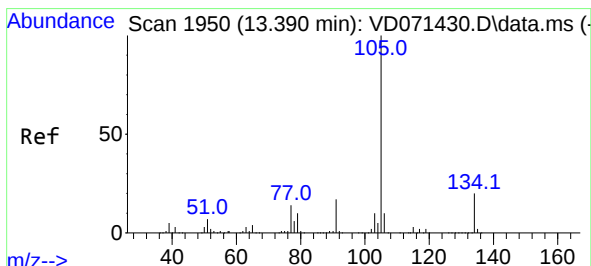
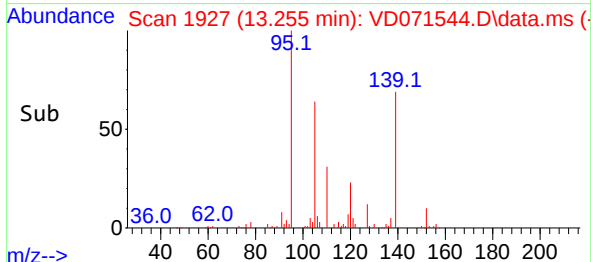
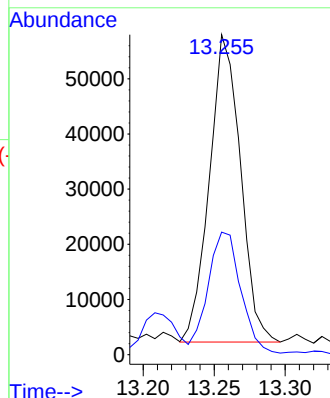
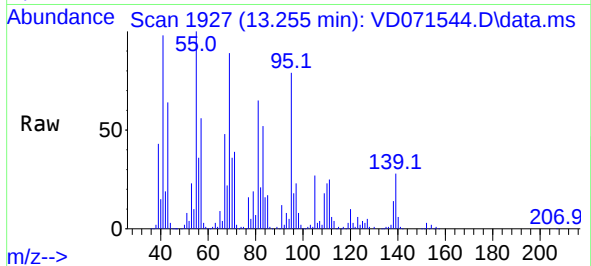




#84
1,2,4-Trimethylbenzene
Concen: 3.244 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD071544.D
Acq: 30 Dec 2021 12:54

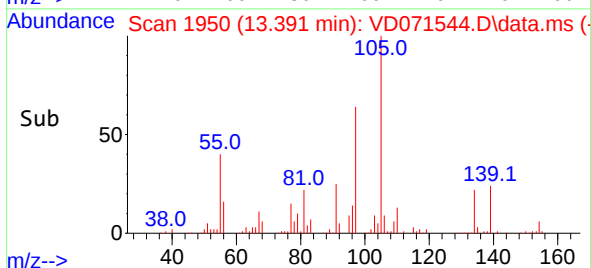
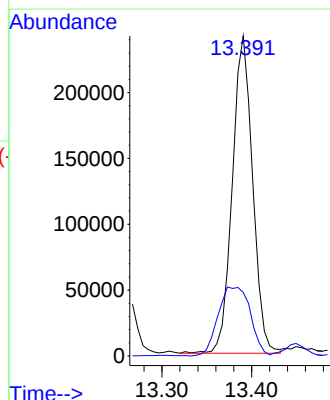
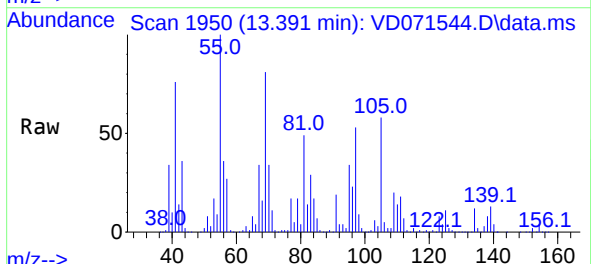
Instrument :
MSVOA_D
ClientSampleId :
TP-1D

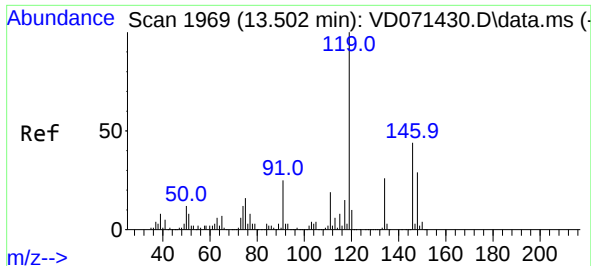
Tgt Ion:105 Resp: 84925
Ion Ratio Lower Upper
105 100
120 41.2 22.9 68.7



#85
sec-Butylbenzene
Concen: 11.000 ug/l
RT: 13.391 min Scan# 1950
Delta R.T. 0.001 min
Lab File: VD071544.D
Acq: 30 Dec 2021 12:54

Tgt Ion:105 Resp: 379007
Ion Ratio Lower Upper
105 100
134 34.4 9.7 28.9#

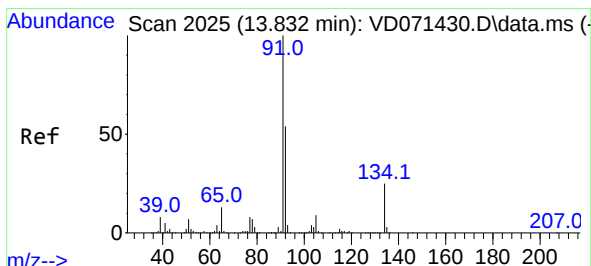
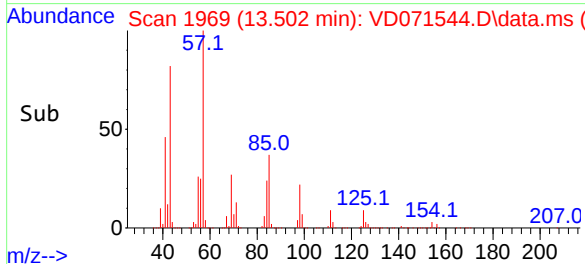
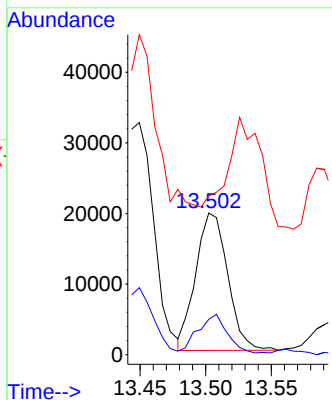
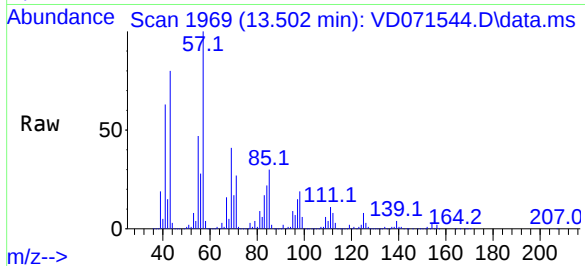




#86
p-Isopropyltoluene
Concen: 1.159 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD071544.D
Acq: 30 Dec 2021 12:54

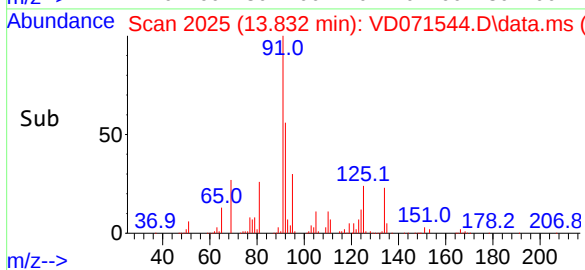
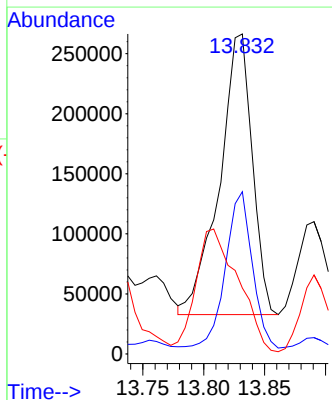
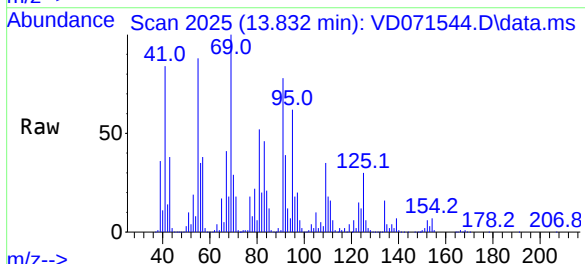
Instrument :
MSVOA_D
ClientSampleId :
TP-1D

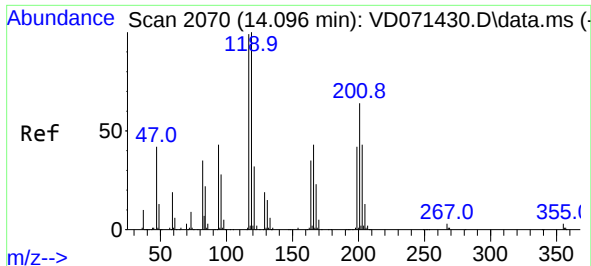
Tgt Ion:119 Resp: 33130
Ion Ratio Lower Upper
119 100
134 25.8 13.0 38.9
91 0.0 11.4 34.2#



#89
n-Butylbenzene
Concen: 15.621 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD071544.D
Acq: 30 Dec 2021 12:54

Tgt Ion: 91 Resp: 438320
Ion Ratio Lower Upper
91 100
92 44.5 27.3 81.9
134 0.0 12.3 36.9#

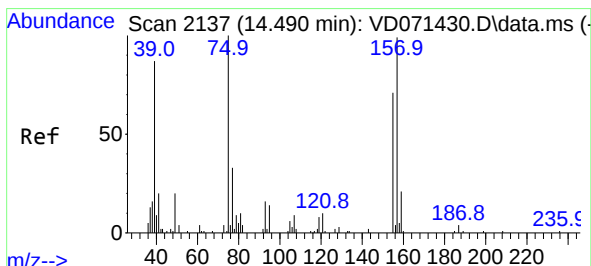
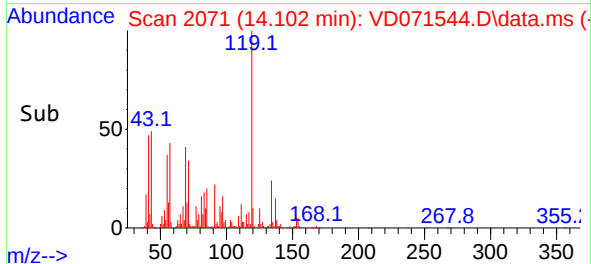
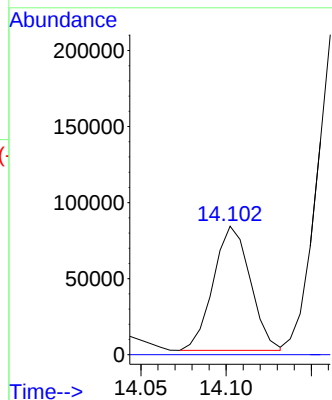
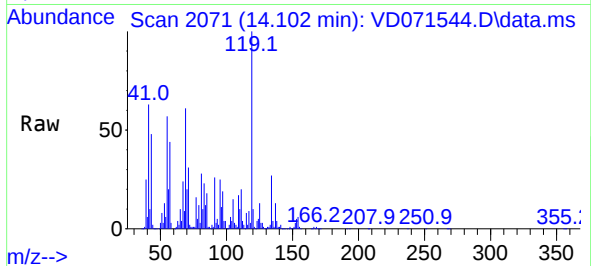




#90
Hexachloroethane
Concen: 22.779 ug/l
RT: 14.102 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VD071544.D
Acq: 30 Dec 2021 12:54

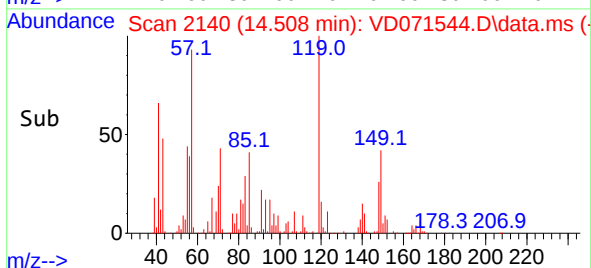
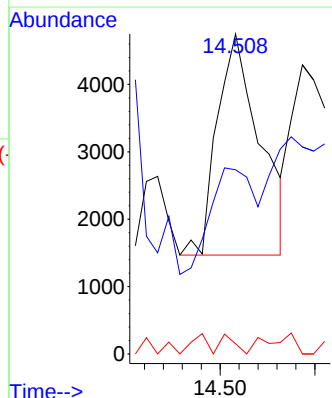
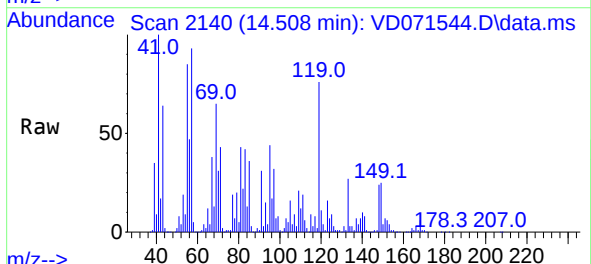
Instrument :
MSVOA_D
ClientSampleId :
TP-1D

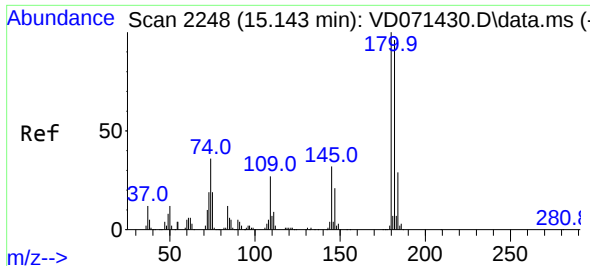
Tgt Ion:117 Resp: 123363
Ion Ratio Lower Upper
117 100
201 0.0 36.0 108.1#



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.101 ug/l
RT: 14.508 min Scan# 2140
Delta R.T. 0.018 min
Lab File: VD071544.D
Acq: 30 Dec 2021 12:54

Tgt Ion: 75 Resp: 5128
Ion Ratio Lower Upper
75 100
155 50.1 40.0 120.0
157 3.3 49.8 149.3#

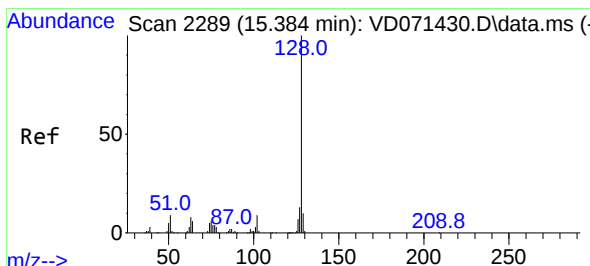
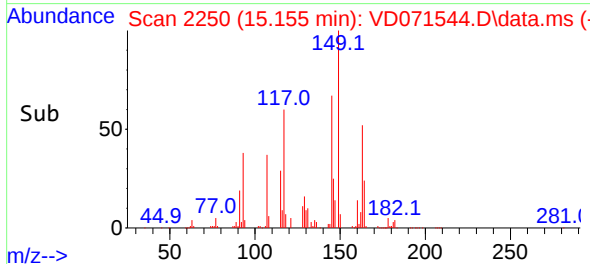
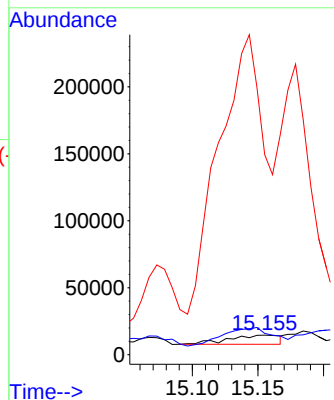
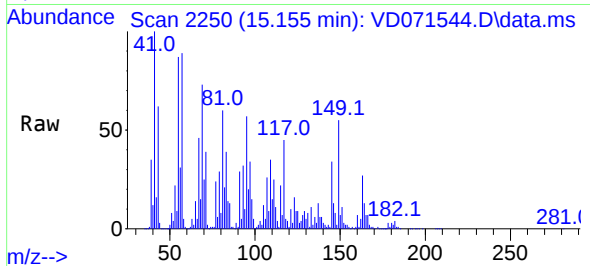




#93
1,2,4-Trichlorobenzene
Concen: 2.482 ug/l
RT: 15.155 min Scan# 21
Delta R.T. 0.012 min
Lab File: VD071544.D
Acq: 30 Dec 2021 12:54

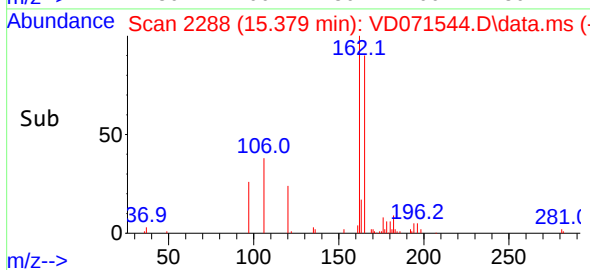
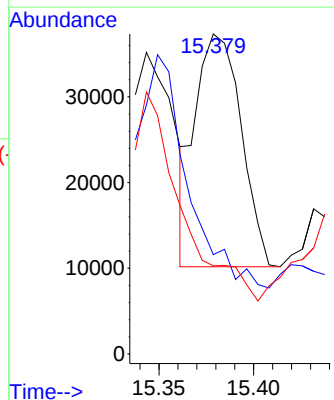
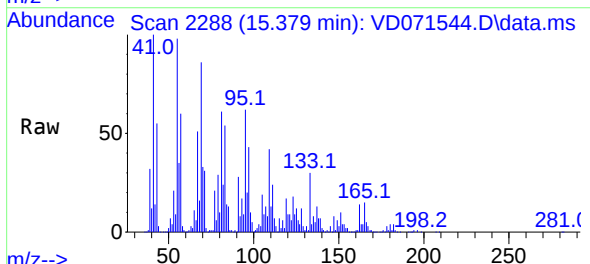
Instrument :
MSVOA_D
ClientSampleId :
TP-1D

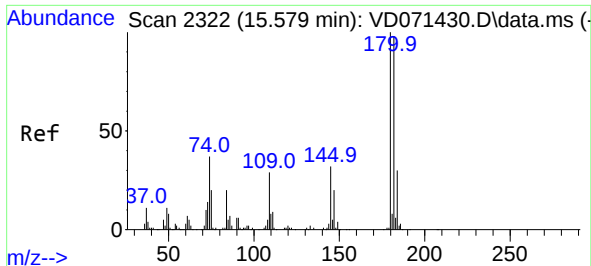
Tgt Ion:180 Resp: 18446
Ion Ratio Lower Upper
180 100
182 201.5 48.2 144.6#
145 3272.1 15.4 46.2#



#95
Naphthalene
Concen: 3.223 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.000 min
Lab File: VD071544.D
Acq: 30 Dec 2021 12:54

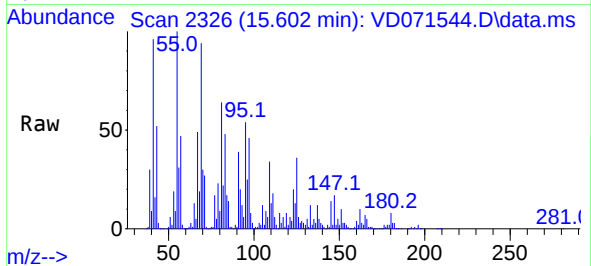
Tgt Ion:128 Resp: 45587
Ion Ratio Lower Upper
128 100
127 0.0 10.7 16.1#
129 0.0 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 3.691 ug/l
 RT: 15.602 min Scan# 21
 Delta R.T. 0.023 min
 Lab File: VD071544.D
 Acq: 30 Dec 2021 12:54

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1D



Tgt Ion:180 Resp: 23727
 Ion Ratio Lower Upper
 180 100
 182 0.0 46.7 140.1#
 145 0.0 15.9 47.6#

