

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122722\
 Data File : VD075051.D
 Acq On : 27 Dec 2022 14:01
 Operator : KP/SY
 Sample : VD1227SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1227SBL01

Quant Time: Dec 28 01:52:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D12222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 23 05:54:19 2022
 Response via : Initial Calibration

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

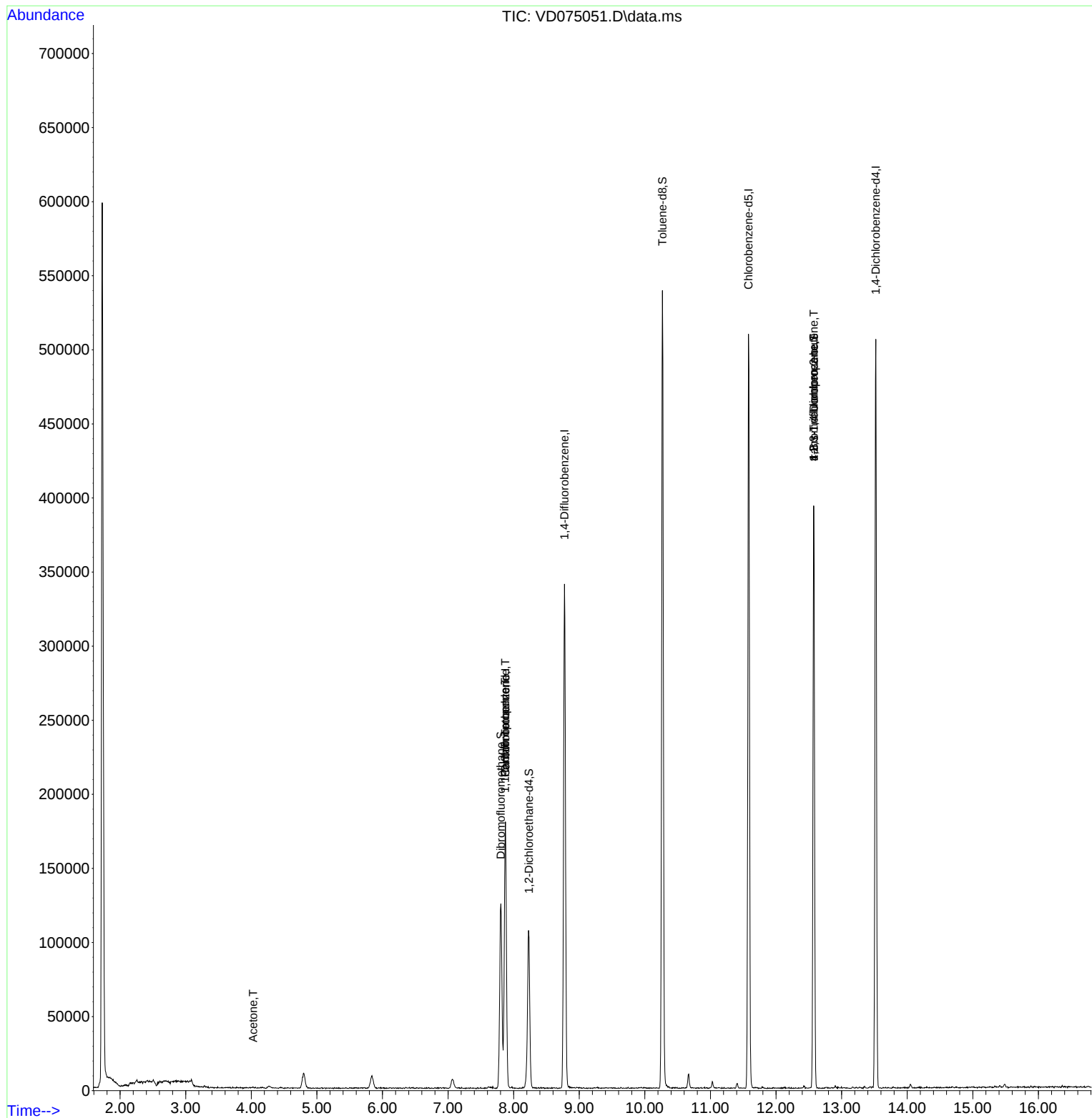
Internal Standards						
1) Pentafluorobenzene	7.875	168	138817	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	308233	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	295667	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	132140	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	79876	58.867	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.740%	
35) Dibromofluoromethane	7.804	113	94382	52.036	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.080%	
50) Toluene-d8	10.269	98	375441	51.230	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.460%	
62) 4-Bromofluorobenzene	12.575	95	133493	56.227	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 112.460%	
Target Compounds						Qvalue
3) Chloromethane	2.146	50	553	Below Cal	99	
5) Bromomethane	2.699	94	309	Below Cal	96	
16) Acetone	4.028	43	683	1.938 ug/l	#	39
17) Carbon Disulfide	4.258	76	1726	Below Cal	#	75
18) Methyl Acetate	4.634	43	74	Below Cal	#	44
20) Methylene Chloride	4.799	84	7907	Below Cal	#	91
31) Cyclohexane	7.869	56	3543	Below Cal	#	28
36) 1,1-Dichloropropene	7.869	75	10955	4.676 ug/l	#	46
38) Carbon Tetrachloride	7.875	117	13618	6.722 ug/l	#	17
76) 1,2,3-Trichloropropane	12.575	75	65940	48.668 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.575	75	65940	112.795 ug/l	#	19

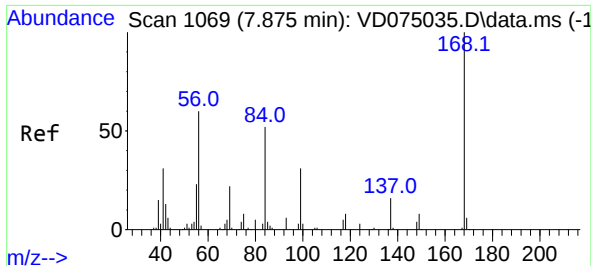
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD075051.D
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MSVOA_D
ClientSampleId :
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Quant Time: Dec 28 01:52:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122222S.M
Quant Title : SW846 8260
QLast Update : Fri Dec 23 05:54:19 2022
Response via : Initial Calibration

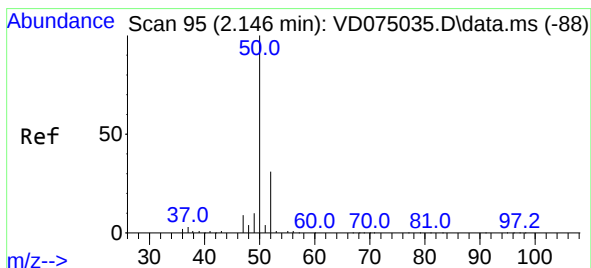
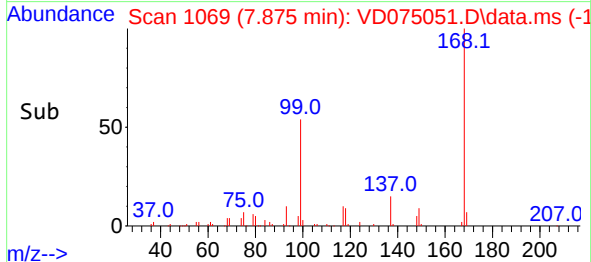
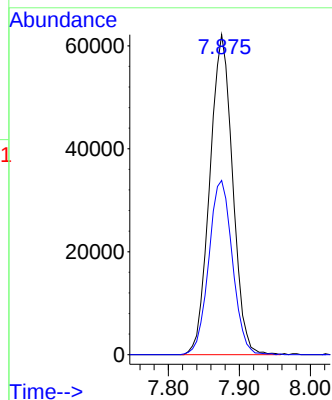
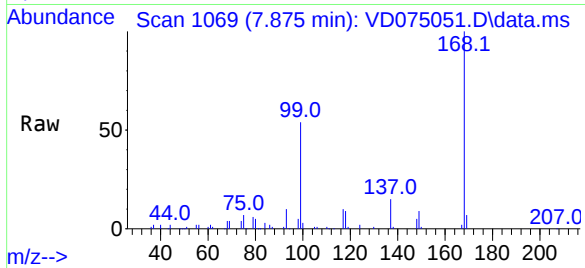




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD075051.D
Acq: 27 Dec 2022 14:01

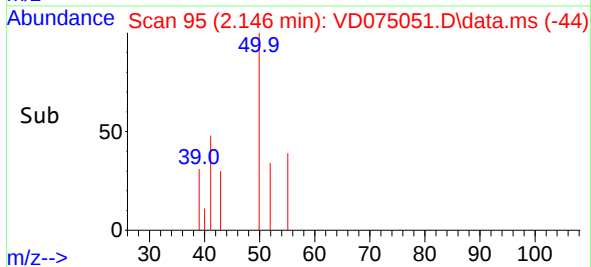
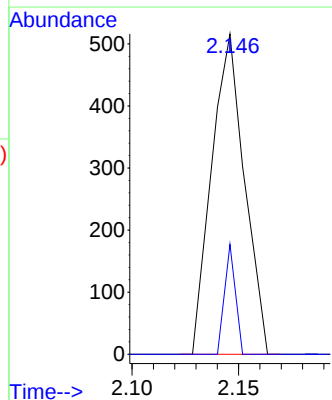
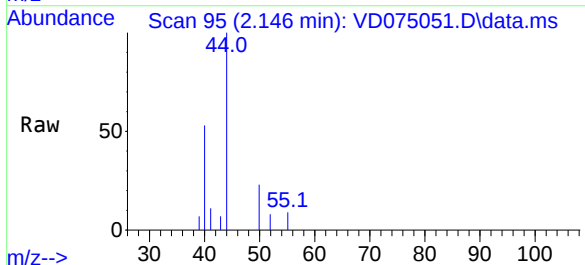
Instrument :
MSVOA_D
ClientSampleId :
VD1227SBL01

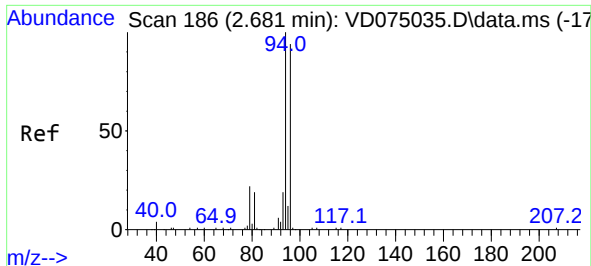
Tgt Ion:168 Resp: 138817
Ion Ratio Lower Upper
168 100
99 54.4 40.3 60.5



#3
Chloromethane
Concen: Below Cal
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD075051.D
Acq: 27 Dec 2022 14:01

Tgt Ion: 50 Resp: 553
Ion Ratio Lower Upper
50 100
52 34.3 27.2 40.8

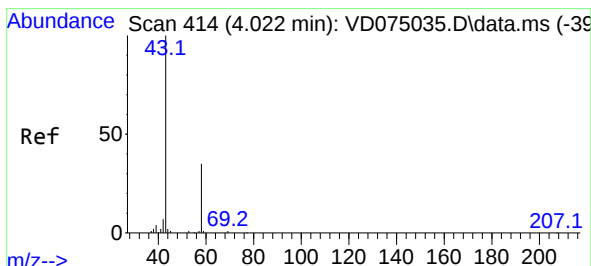
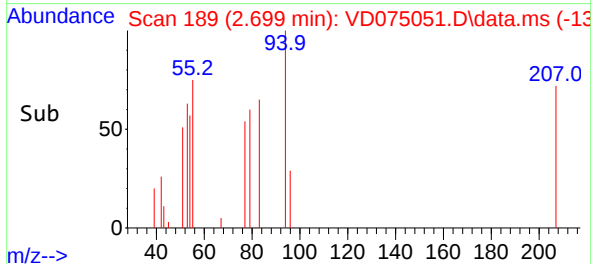
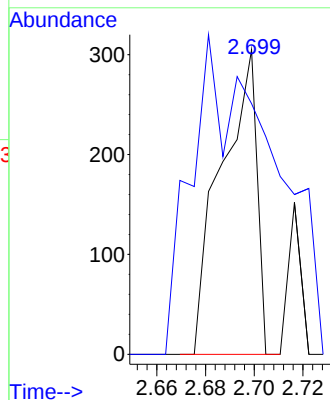
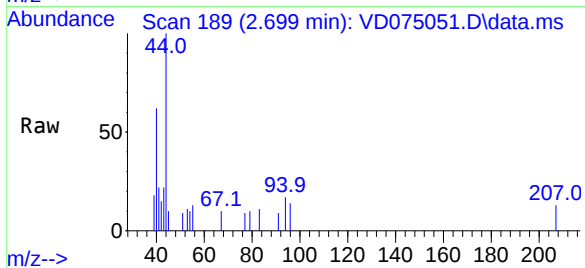




#5
Bromomethane
Concen: Below Cal
RT: 2.699 min Scan# 11
Delta R.T. 0.018 min
Lab File: VD075051.D
Acq: 27 Dec 2022 14:01

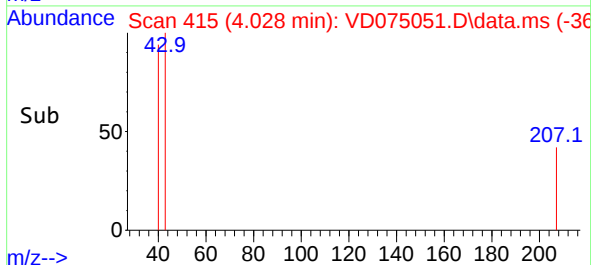
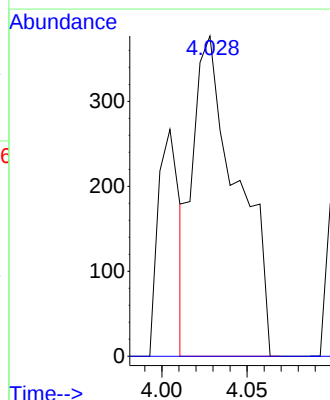
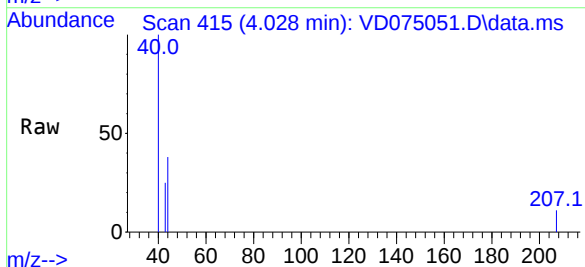
Instrument :
MSVOA_D
ClientSampleId :
VD1227SBL01

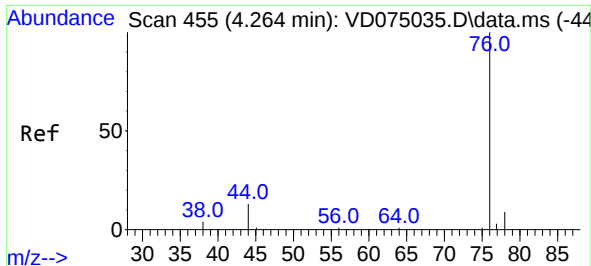
Tgt Ion: 94 Resp: 309
Ion Ratio Lower Upper
94 100
96 98.1 75.2 112.8



#16
Acetone
Concen: 1.938 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD075051.D
Acq: 27 Dec 2022 14:01

Tgt Ion: 43 Resp: 683
Ion Ratio Lower Upper
43 100
58 0.0 28.6 43.0#

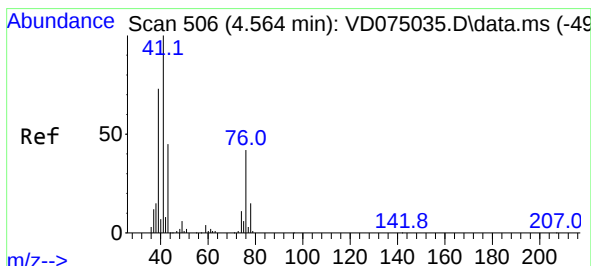
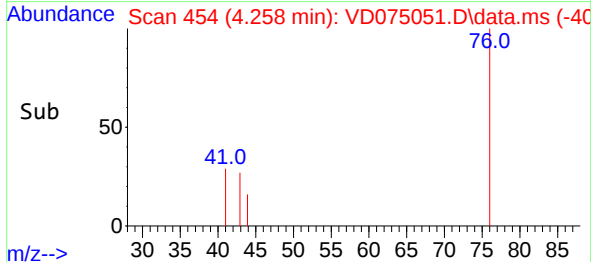
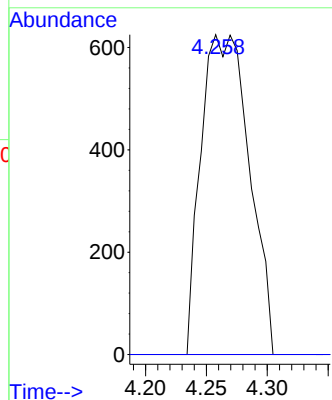
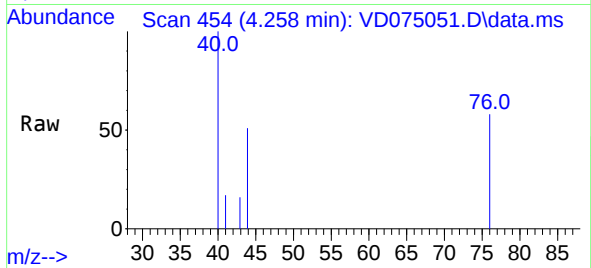




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.258 min Scan# 411
Delta R.T. -0.006 min
Lab File: VD075051.D
Acq: 27 Dec 2022 14:01

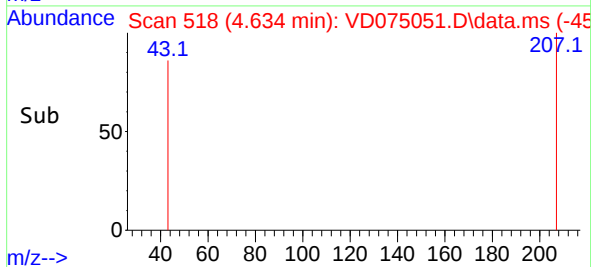
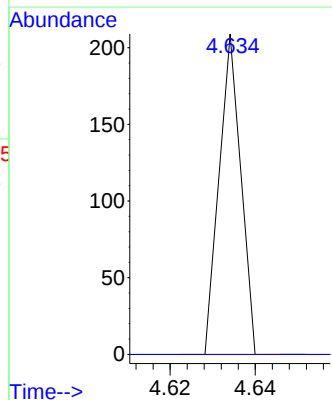
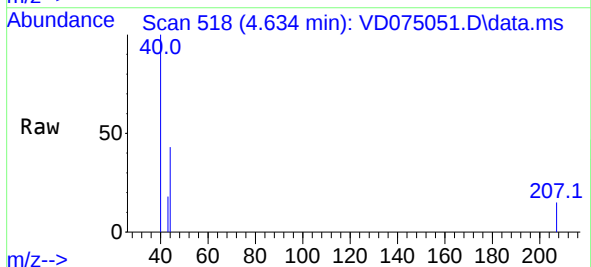
Instrument :
MSVOA_D
ClientSampleId :
VD1227SBL01

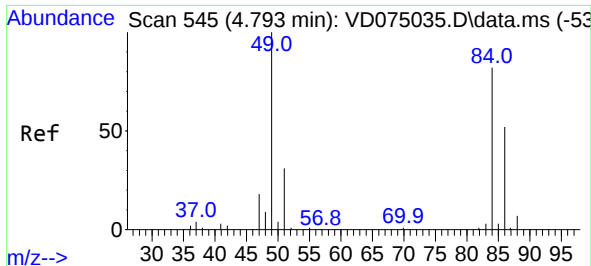
Tgt Ion: 76 Resp: 1726
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.634 min Scan# 518
Delta R.T. 0.070 min
Lab File: VD075051.D
Acq: 27 Dec 2022 14:01

Tgt Ion: 43 Resp: 74
Ion Ratio Lower Upper
43 100
74 0.0 24.5 36.7#



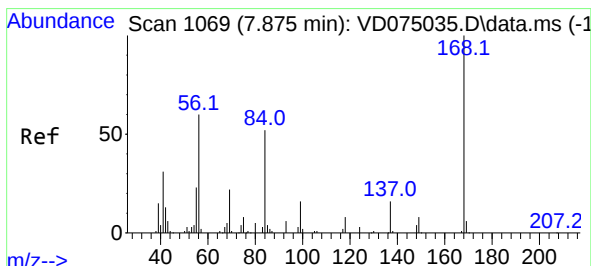
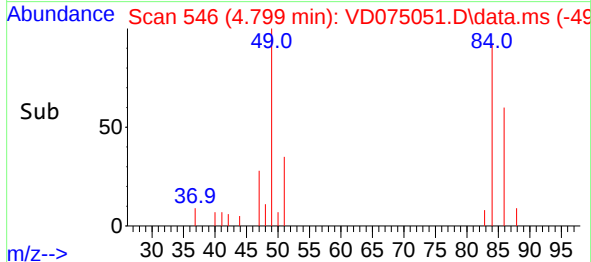
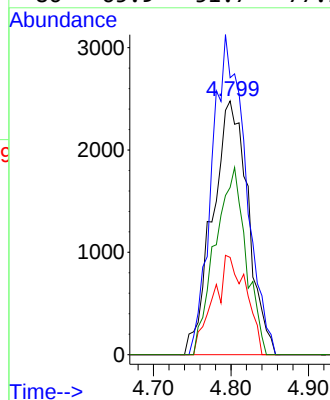
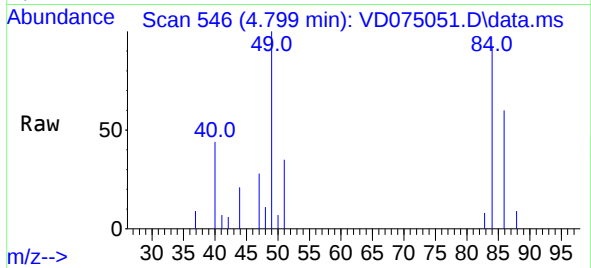


#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 545
Delta R.T. 0.006 min
Lab File: VD075051.D
Acq: 27 Dec 2022 14:01

Instrument :
MSVOA_D
ClientSampleId :
VD1227SBL01

Tgt Ion: 84 Resp: 7907

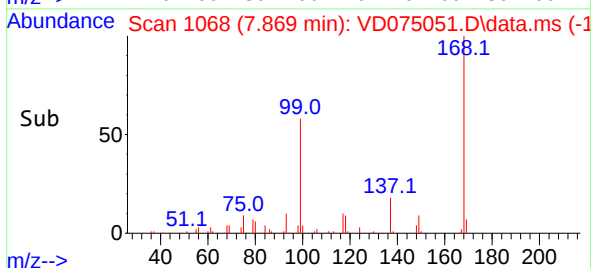
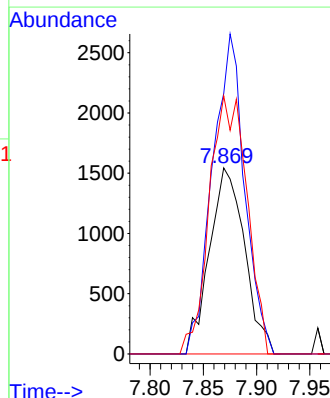
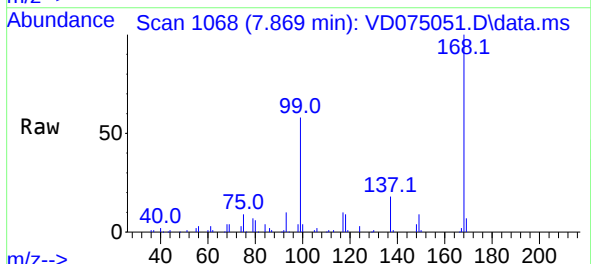
Ion	Ratio	Lower	Upper
84	100		
49	109.2	77.2	115.8
51	38.3	24.1	36.1#
86	65.9	51.7	77.5

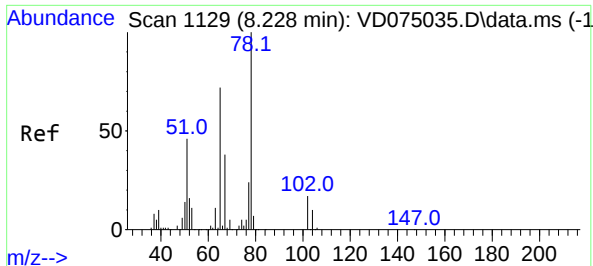


#31
Cyclohexane
Concen: Below Cal
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD075051.D
Acq: 27 Dec 2022 14:01

Tgt Ion: 56 Resp: 3543

Ion	Ratio	Lower	Upper
56	100		
69	139.8	29.4	44.2#
84	138.6	81.8	122.8#





#33

1,2-Dichloroethane-d4

Concen: 58.867 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD075051.D

Acq: 27 Dec 2022 14:01

Instrument :

MSVOA_D

ClientSampleId :

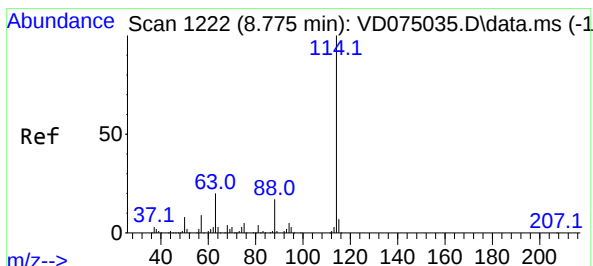
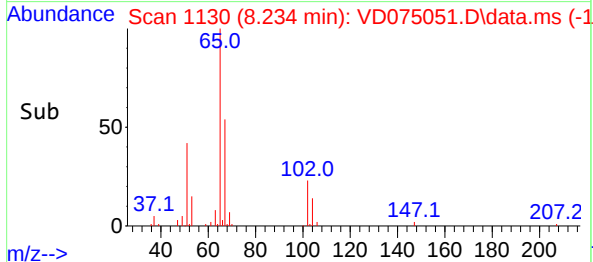
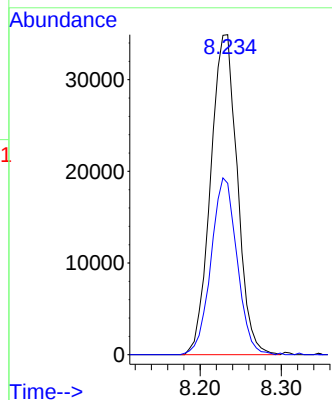
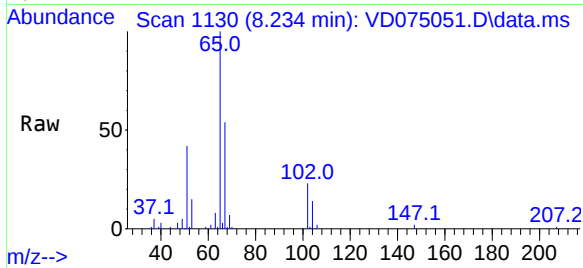
VD1227SBL01

Tgt Ion: 65 Resp: 79876

Ion Ratio Lower Upper

65 100

67 53.7 0.0 111.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD075051.D

Acq: 27 Dec 2022 14:01

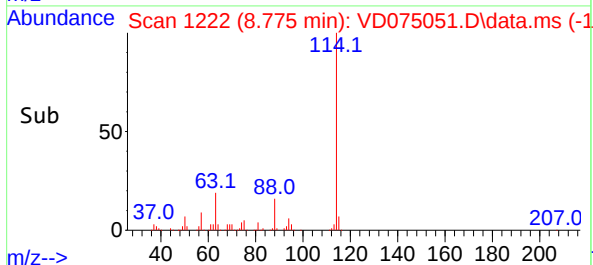
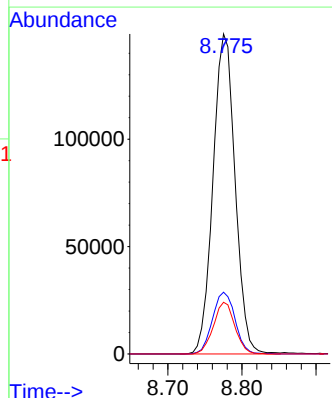
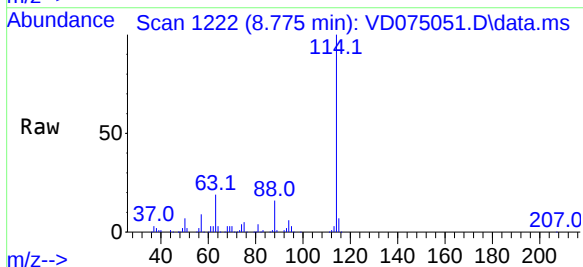
Tgt Ion: 114 Resp: 308233

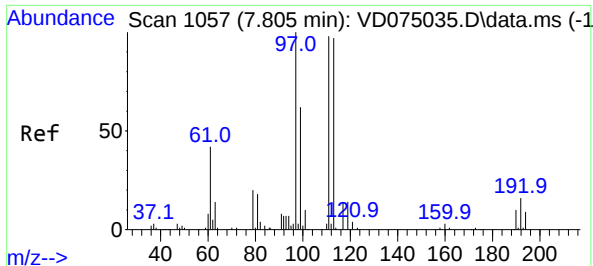
Ion Ratio Lower Upper

114 100

63 19.3 0.0 33.8

88 16.2 0.0 27.8





#35

Dibromofluoromethane

Concen: 52.036 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD075051.D

Acq: 27 Dec 2022 14:01

Instrument :

MSVOA_D

ClientSampleId :

VD1227SBL01

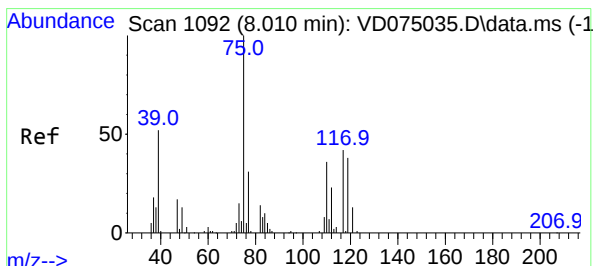
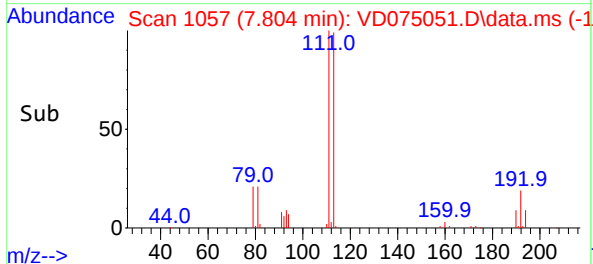
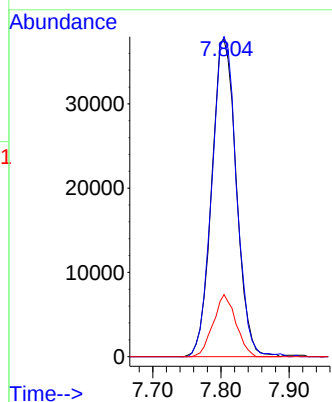
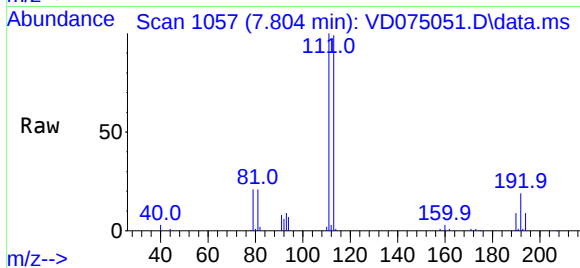
Tgt Ion:113 Resp: 94382

Ion Ratio Lower Upper

113 100

111 100.8 82.1 123.1

192 18.0 15.1 22.7



#36

1,1-Dichloropropene

Concen: 4.676 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.141 min

Lab File: VD075051.D

Acq: 27 Dec 2022 14:01

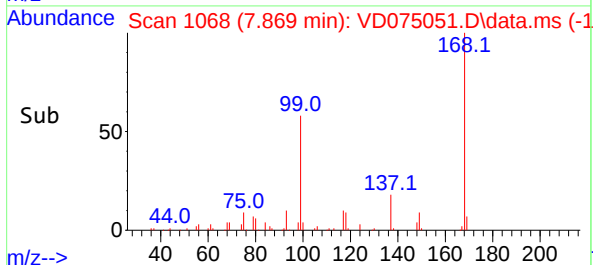
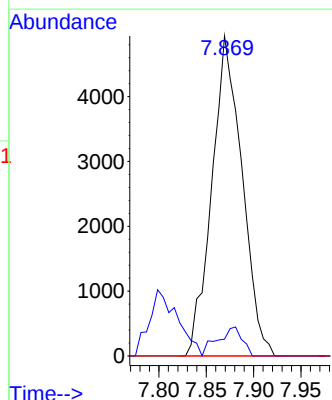
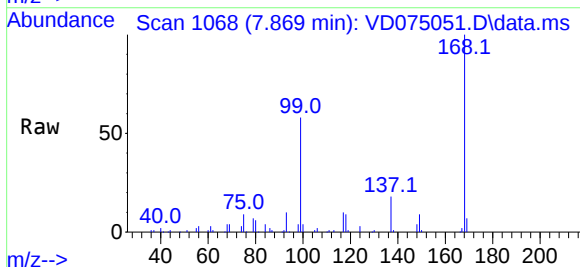
Tgt Ion: 75 Resp: 10955

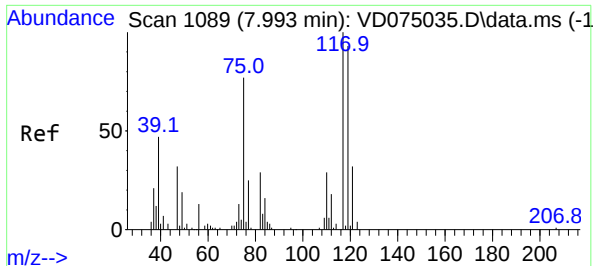
Ion Ratio Lower Upper

75 100

110 7.3 19.0 57.0#

77 0.0 25.2 37.8#

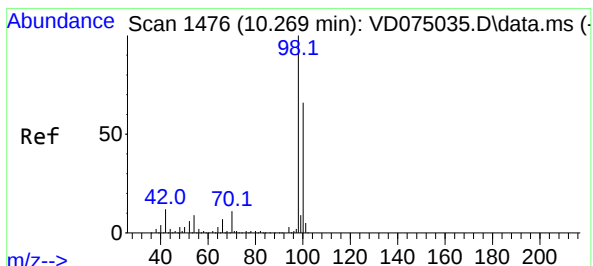
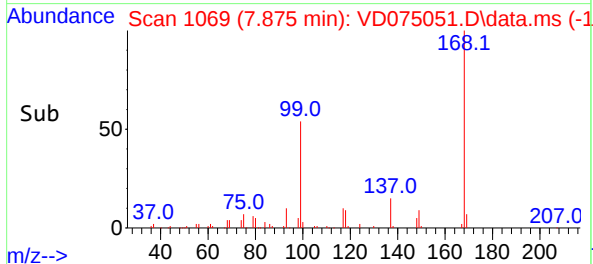
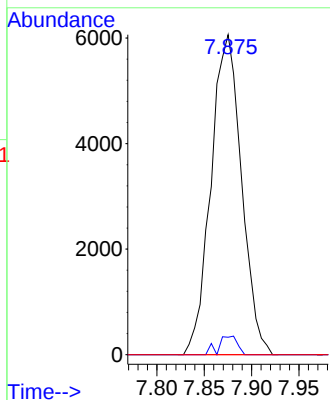
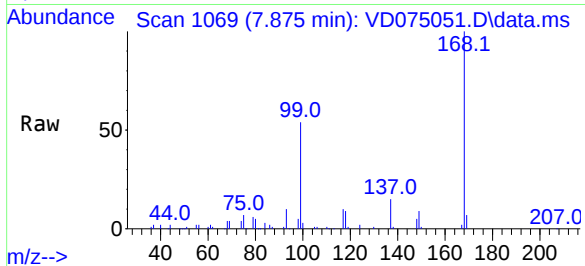




#38
Carbon Tetrachloride
Concen: 6.722 ug/l
RT: 7.875 min Scan# 1089
Delta R.T. -0.118 min
Lab File: VD075051.D
Acq: 27 Dec 2022 14:01

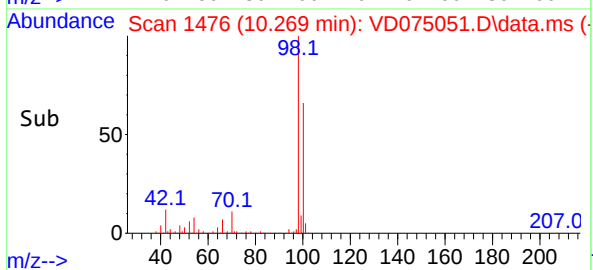
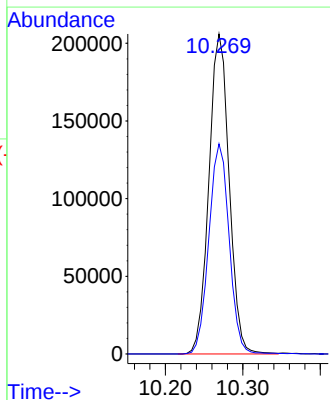
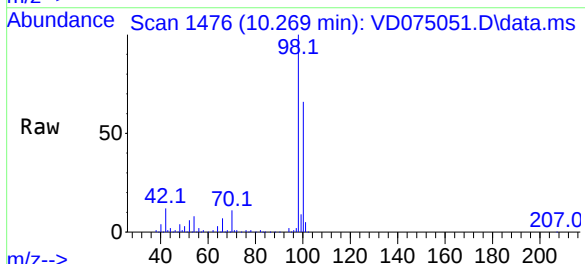
Instrument :
MSVOA_D
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VD1227SBL01

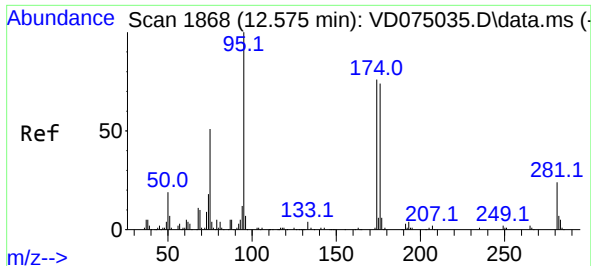
Tgt Ion:117 Resp: 13618
Ion Ratio Lower Upper
117 100
119 5.5 75.8 113.6#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 51.230 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075051.D
Acq: 27 Dec 2022 14:01

Tgt Ion: 98 Resp: 375441
Ion Ratio Lower Upper
98 100
100 65.8 52.2 78.2

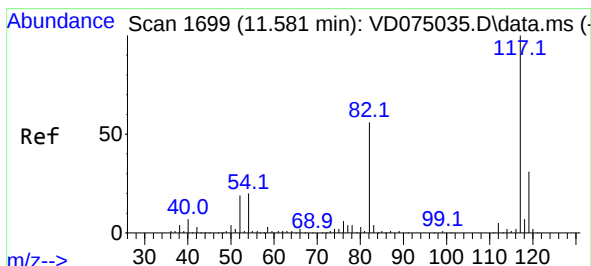
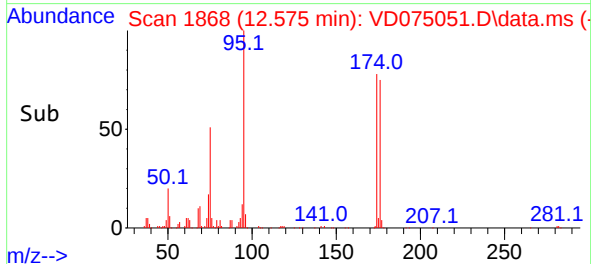
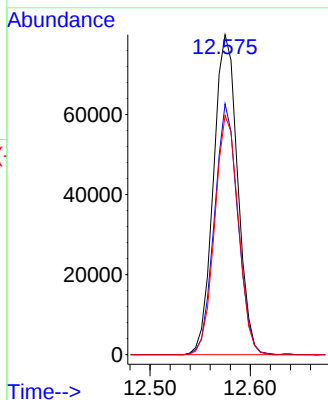
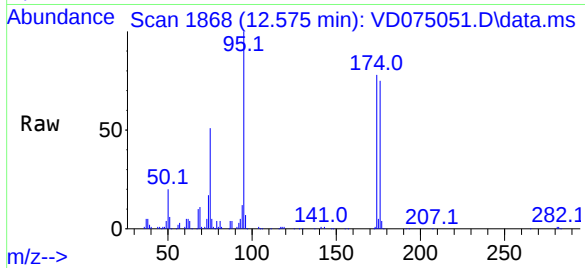




#62
4-Bromofluorobenzene
Concen: 56.227 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075051.D
Acq: 27 Dec 2022 14:01

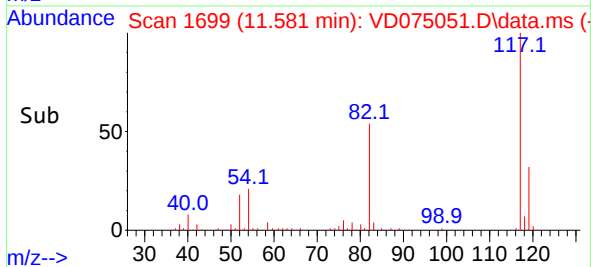
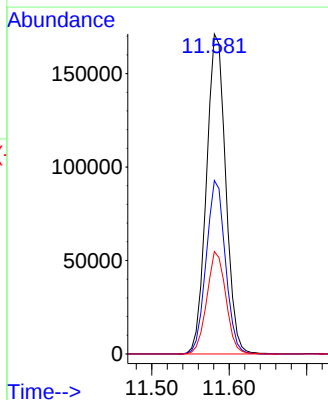
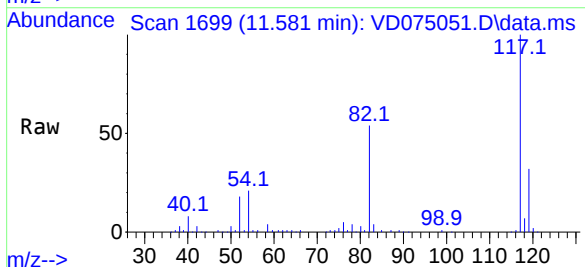
Instrument :
MSVOA_D
ClientSampleId :
VD1227SBL01

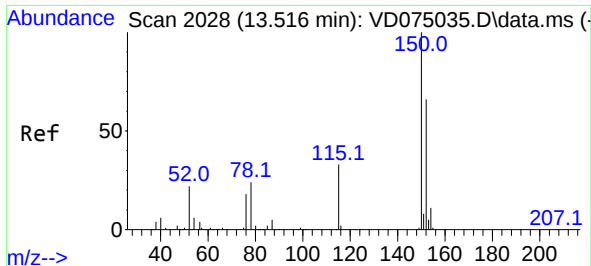
Tgt Ion: 95 Resp: 133493
Ion Ratio Lower Upper
95 100
174 75.7 0.0 171.2
176 73.3 0.0 165.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD075051.D
Acq: 27 Dec 2022 14:01

Tgt Ion: 117 Resp: 295667
Ion Ratio Lower Upper
117 100
82 54.2 40.9 61.3
119 32.0 25.5 38.3

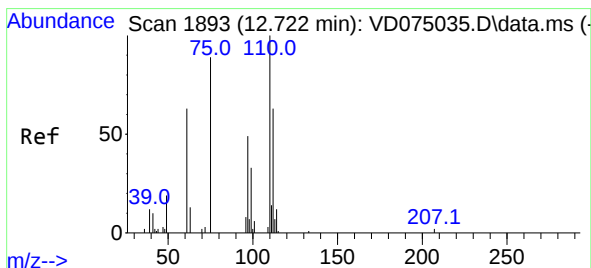
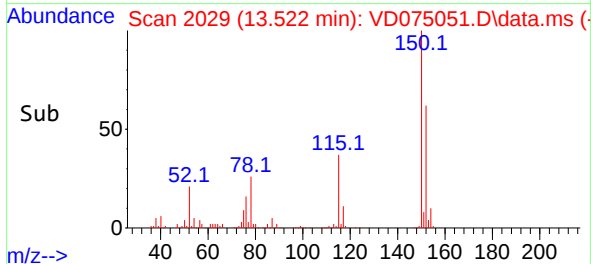
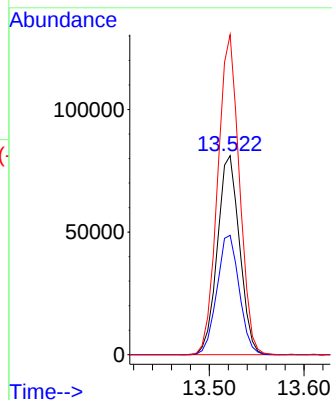
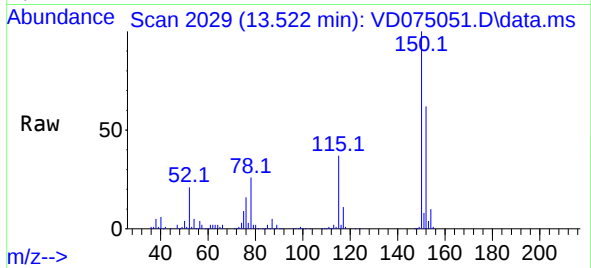




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 20
Delta R.T. 0.006 min
Lab File: VD075051.D
Acq: 27 Dec 2022 14:01

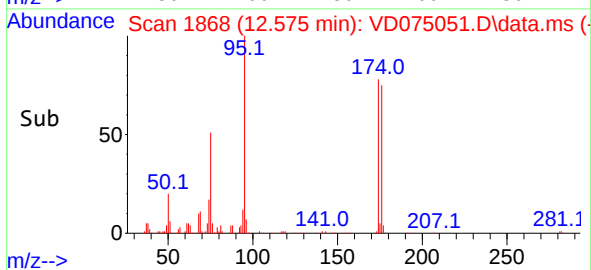
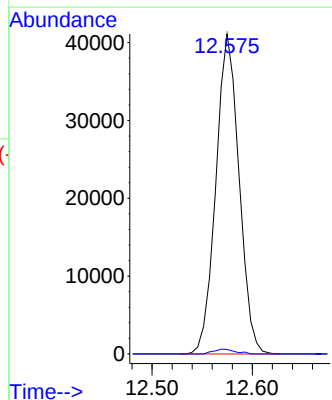
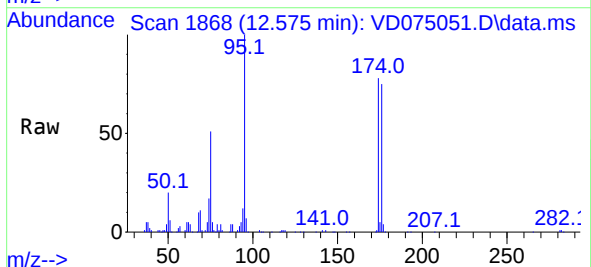
Instrument :
MSVOA_D
ClientSampleId :
VD1227SBL01

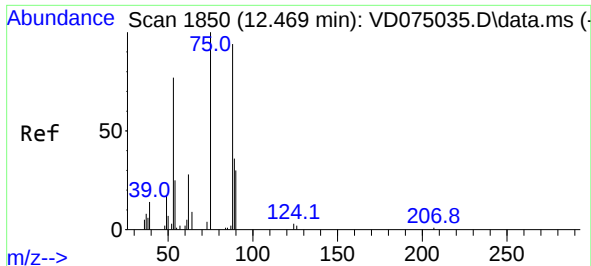
Tgt Ion:152 Resp: 132140
Ion Ratio Lower Upper
152 100
115 60.4 28.8 86.5
150 157.1 0.0 354.2



#76
1,2,3-Trichloropropane
Concen: 48.668 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD075051.D
Acq: 27 Dec 2022 14:01

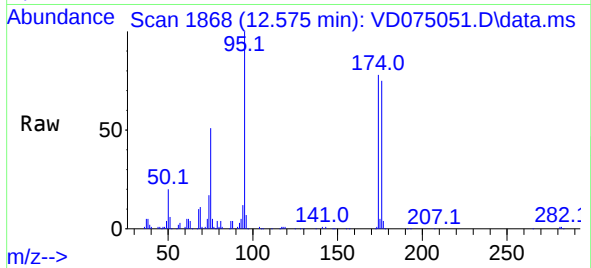
Tgt Ion: 75 Resp: 65940
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 112.795 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. 0.106 min
 Lab File: VD075051.D
 Acq: 27 Dec 2022 14:01

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1227SBL01



Tgt Ion:	75	Resp:	65940
Ion	Ratio	Lower	Upper
75	100		
53	0.0	60.0	90.0#
89	0.0	37.4	56.0#

