

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052623\
 Data File : VD076265.D
 Acq On : 26 May 2023 18:39
 Operator : KP/SY
 Sample : 02888-04
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FS-SB-20(ELEV-13-11)

Quant Time: May 26 23:17:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

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

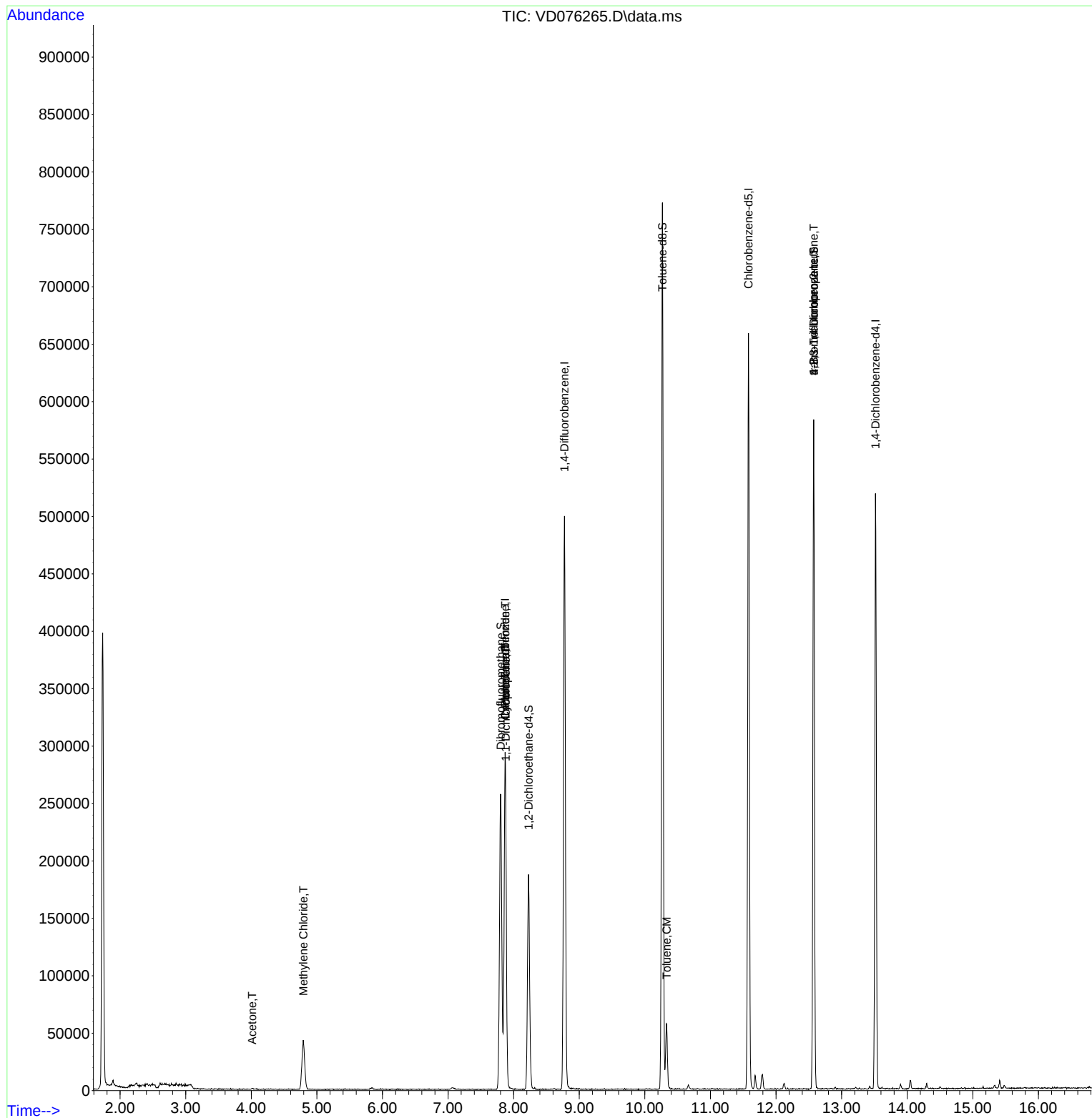
Internal Standards						
1) Pentafluorobenzene	7.869	168	240596	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	481396	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	408132	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	148297	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	137009	58.921	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.840%	
35) Dibromofluoromethane	7.804	113	192033	57.711	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.420%	
50) Toluene-d8	10.269	98	550398	42.432	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 84.860%	
62) 4-Bromofluorobenzene	12.575	95	179561	49.833	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.660%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.146	50	750	Below Cal	#	63
16) Acetone	4.016	43	1095	2.367	ug/l #	87
17) Carbon Disulfide	4.263	76	63	Below Cal	#	73
20) Methylene Chloride	4.793	84	35257	1.012	ug/l #	78
31) Cyclohexane	7.875	56	5009	1.407	ug/l #	1
36) 1,1-Dichloropropene	7.881	75	18669	4.154	ug/l #	51
38) Carbon Tetrachloride	7.875	117	21257	5.237	ug/l #	18
52) Toluene	10.334	92	24873	2.756	ug/l	88
76) 1,2,3-Trichloropropane	12.575	75	89616	69.056	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	89616	144.869	ug/l #	5

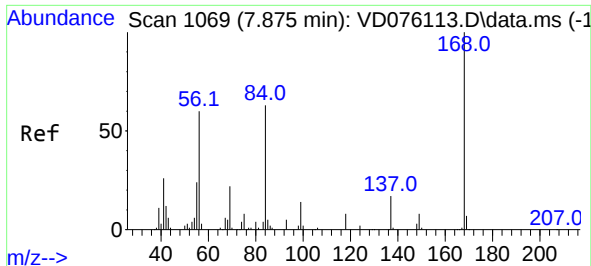
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 16 10:08:53 2023
Response via : Initial Calibration

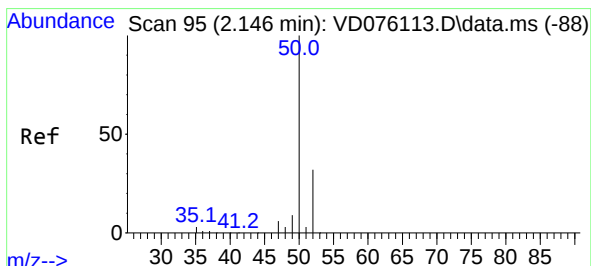
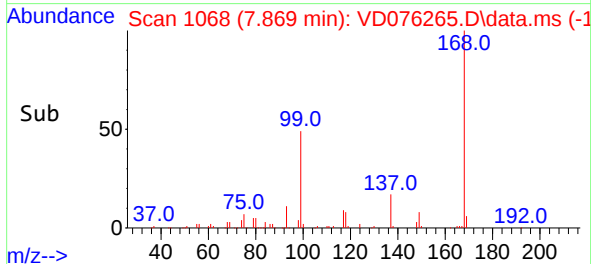
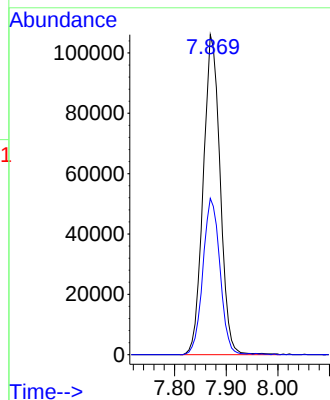
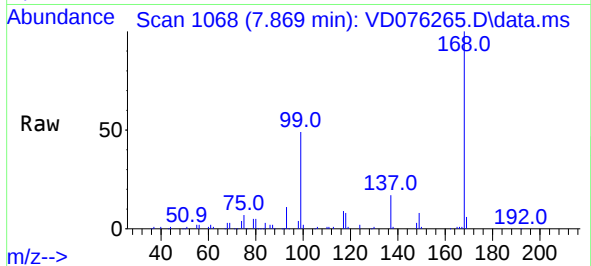




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD076265.D
Acq: 26 May 2023 18:39

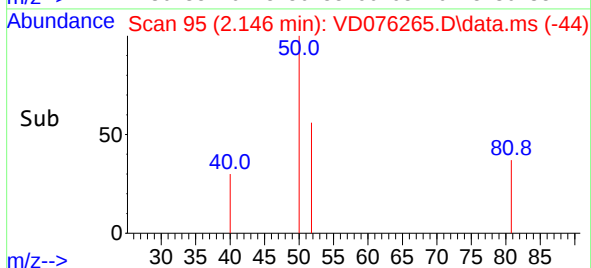
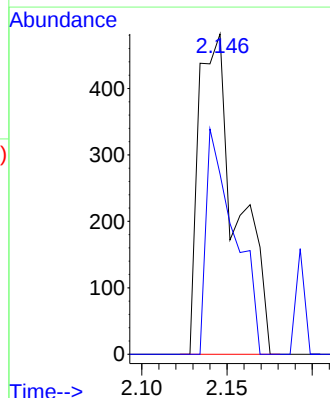
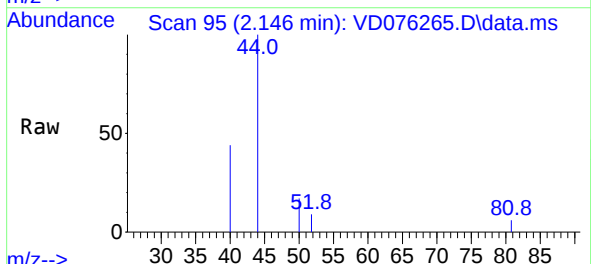
Instrument :
MSVOA_D
ClientSampleId :
FS-SB-20(ELEV-13-11)

Tgt Ion:168 Resp: 240596
Ion Ratio Lower Upper
168 100
99 48.8 43.8 65.6



#3
Chloromethane
Concen: Below Cal
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD076265.D
Acq: 26 May 2023 18:39

Tgt Ion: 50 Resp: 750
Ion Ratio Lower Upper
50 100
52 56.2 27.8 41.8#

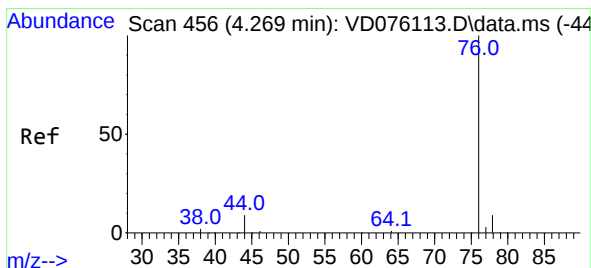
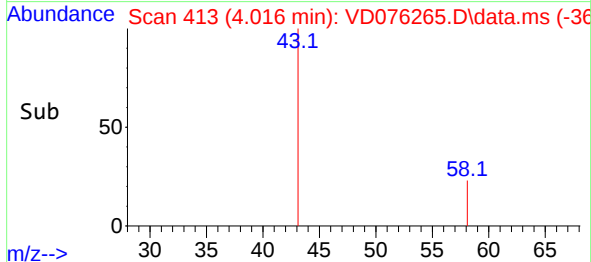
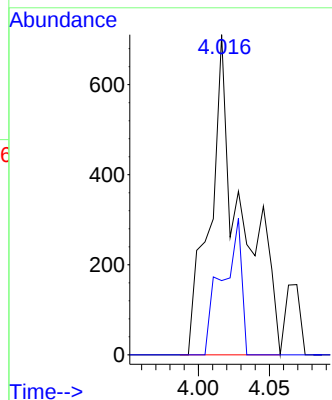
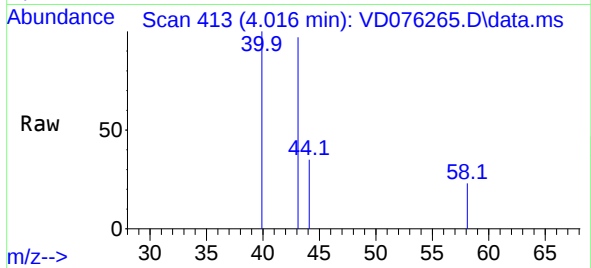




#16
Acetone
Concen: 2.367 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD076265.D
Acq: 26 May 2023 18:39

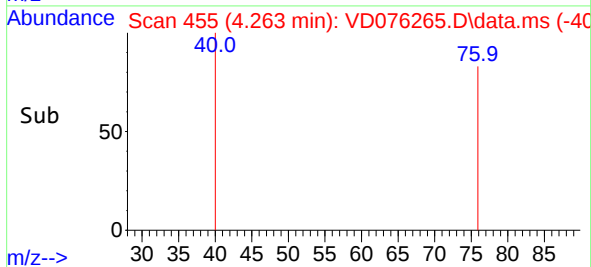
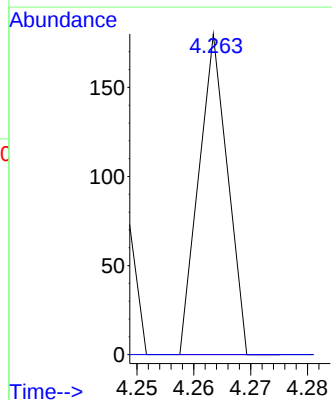
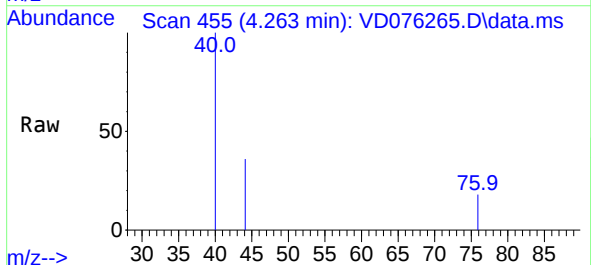
Instrument :
MSVOA_D
ClientSampleId :
FS-SB-20(ELEV-13-11)

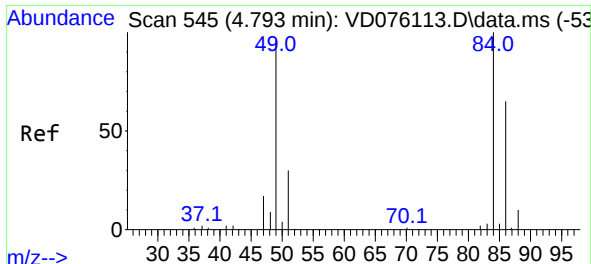
Tgt Ion: 43 Resp: 1095
Ion Ratio Lower Upper
43 100
58 23.2 24.4 36.6#



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.263 min Scan# 455
Delta R.T. -0.006 min
Lab File: VD076265.D
Acq: 26 May 2023 18:39

Tgt Ion: 76 Resp: 63
Ion Ratio Lower Upper
76 100
78 0.0 8.0 12.0#



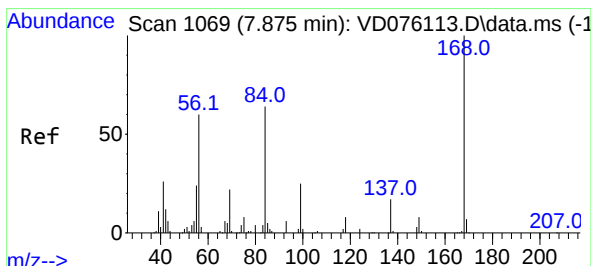
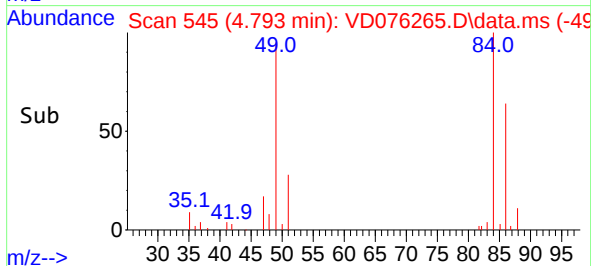
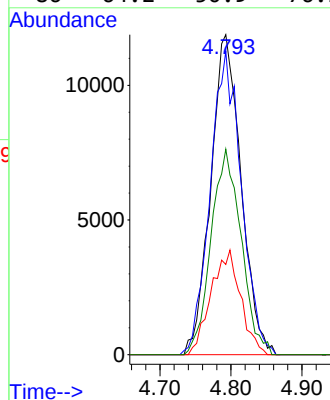
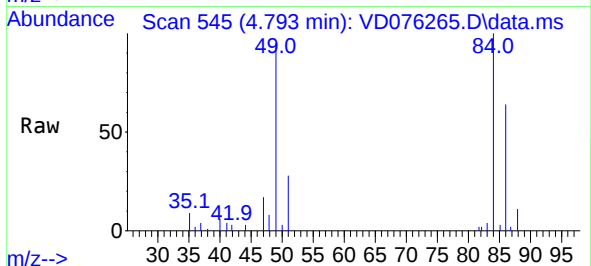


#20
Methylene Chloride
Concen: 1.012 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD076265.D
Acq: 26 May 2023 18:39

Instrument :
MSVOA_D
ClientSampleId :
FS-SB-20(ELEV-13-11)

Tgt Ion: 84 Resp: 35257

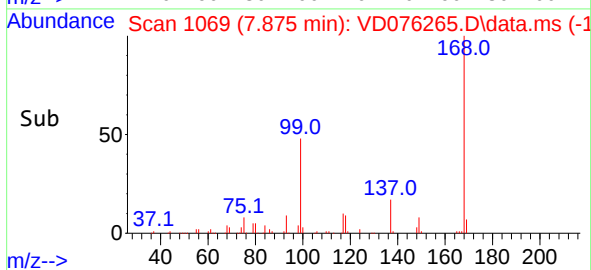
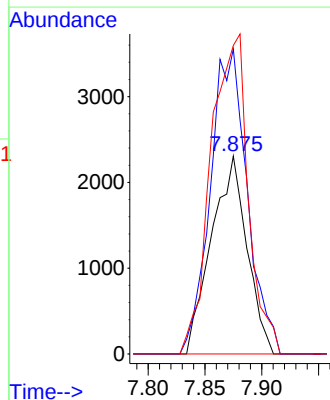
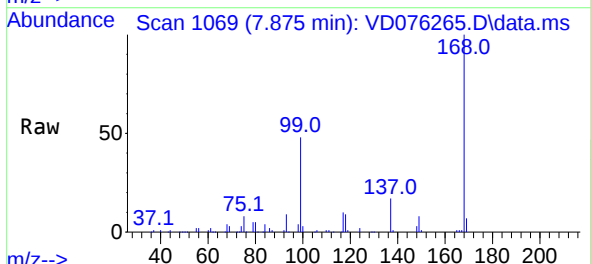
Ion	Ratio	Lower	Upper
84	100		
49	94.9	106.4	159.6#
51	28.2	32.4	48.6#
86	64.2	50.9	76.3

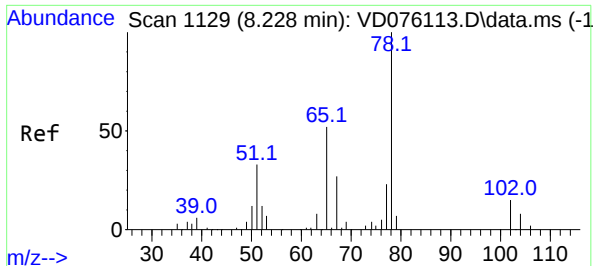


#31
Cyclohexane
Concen: 1.407 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076265.D
Acq: 26 May 2023 18:39

Tgt Ion: 56 Resp: 5009

Ion	Ratio	Lower	Upper
56	100		
69	154.1	25.5	38.3#
84	155.8	69.6	104.4#





#33

1,2-Dichloroethane-d4

Concen: 58.921 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD076265.D

Acq: 26 May 2023 18:39

Instrument :

MSVOA_D

ClientSampleId :

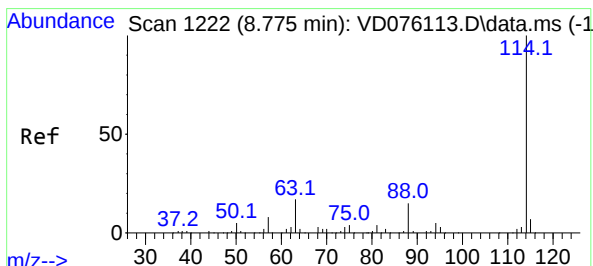
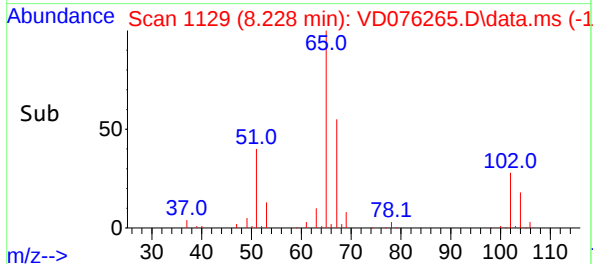
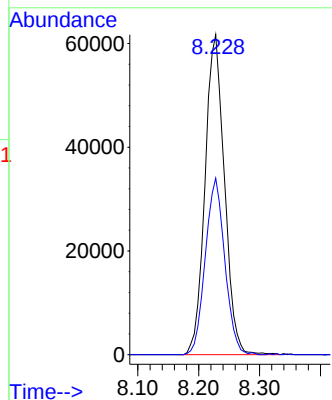
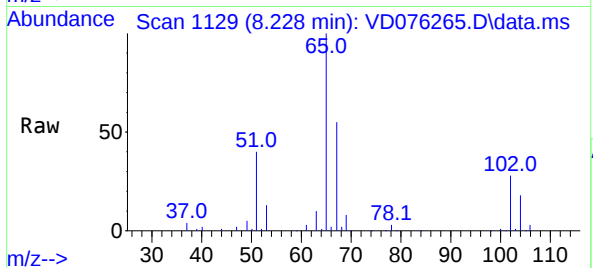
FS-SB-20(ELEV-13-11)

Tgt Ion: 65 Resp: 137009

Ion Ratio Lower Upper

65 100

67 55.2 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD076265.D

Acq: 26 May 2023 18:39

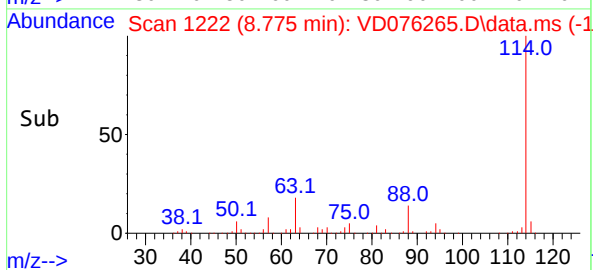
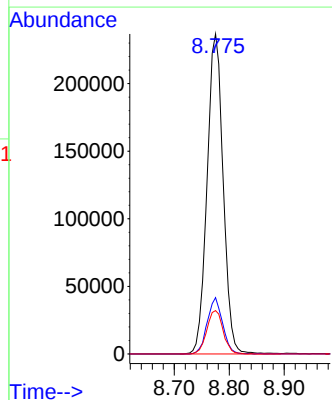
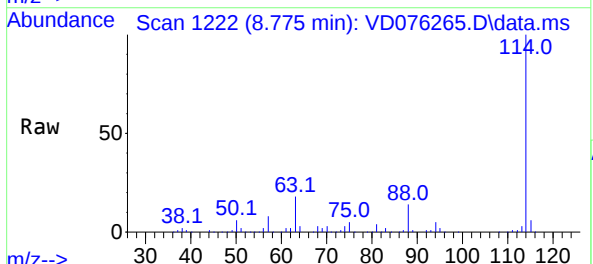
Tgt Ion: 114 Resp: 481396

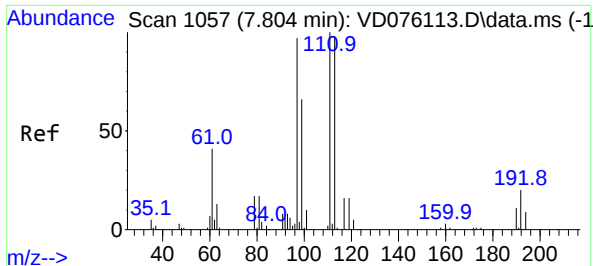
Ion Ratio Lower Upper

114 100

63 17.6 0.0 41.6

88 13.5 0.0 30.6

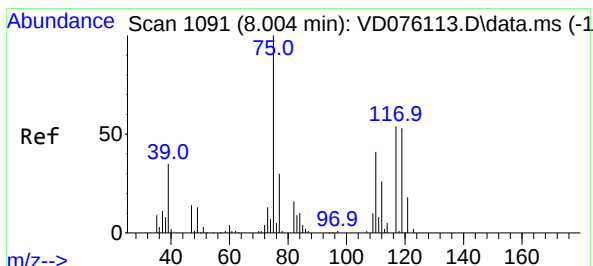
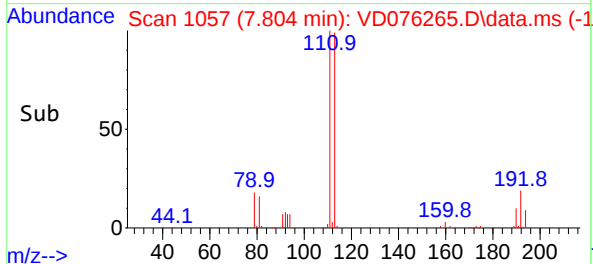
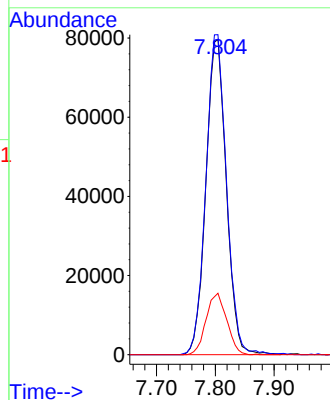
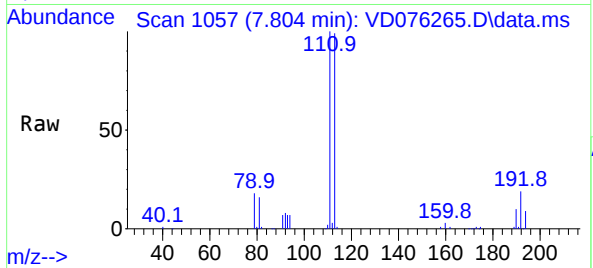




#35
Dibromofluoromethane
Concen: 57.711 ug/l
RT: 7.804 min Scan# 1070
Delta R.T. -0.001 min
Lab File: VD076265.D
Acq: 26 May 2023 18:39

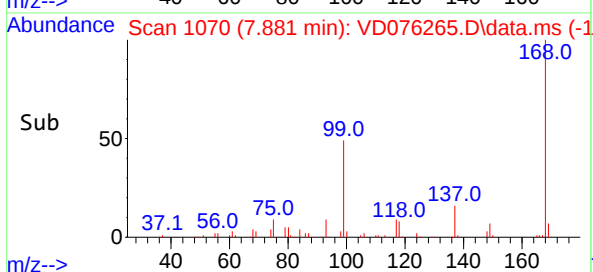
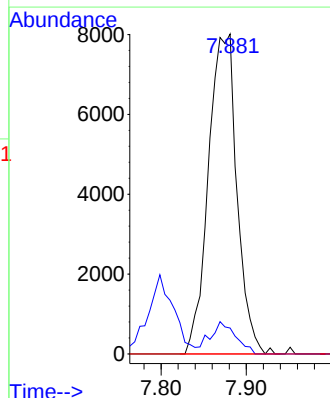
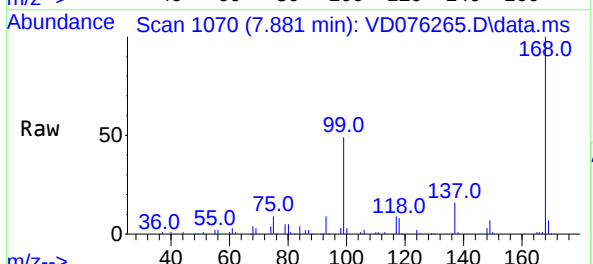
Instrument :
MSVOA_D
ClientSampleId :
FS-SB-20(ELEV-13-11)

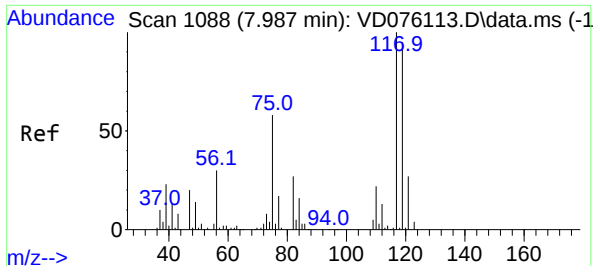
Tgt Ion:113 Resp: 192033
Ion Ratio Lower Upper
113 100
111 102.6 81.4 122.0
192 19.7 15.2 22.8



#36
1,1-Dichloropropene
Concen: 4.154 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.129 min
Lab File: VD076265.D
Acq: 26 May 2023 18:39

Tgt Ion: 75 Resp: 18669
Ion Ratio Lower Upper
75 100
110 9.1 17.1 51.2#
77 0.0 24.6 36.8#

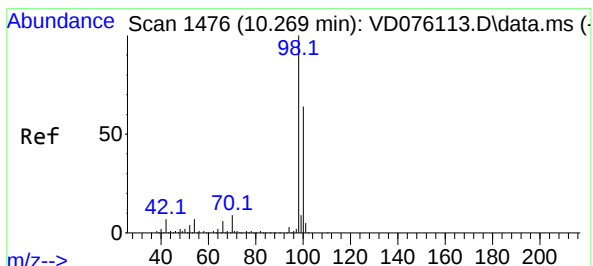
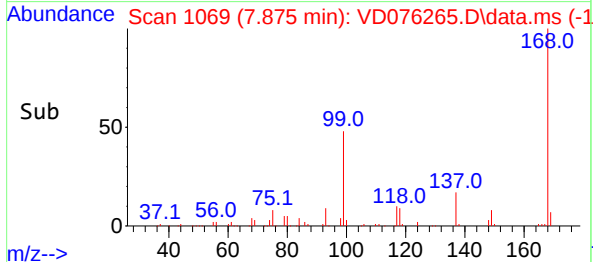
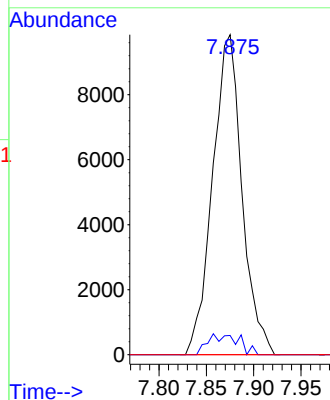
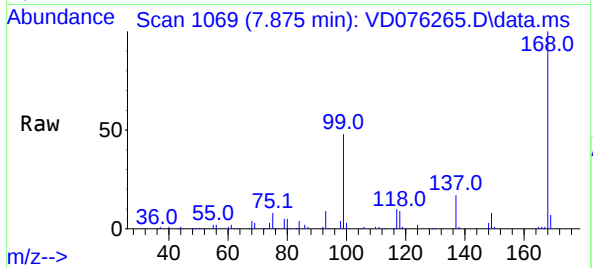




#38
Carbon Tetrachloride
Concen: 5.237 ug/l
RT: 7.875 min Scan# 1088
Delta R.T. -0.118 min
Lab File: VD076265.D
Acq: 26 May 2023 18:39

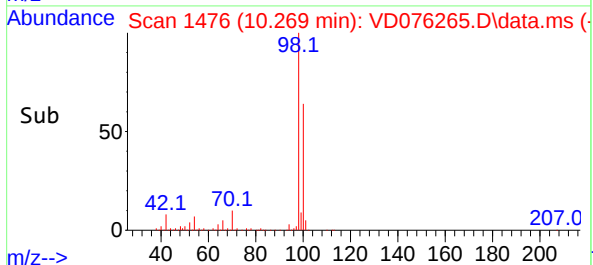
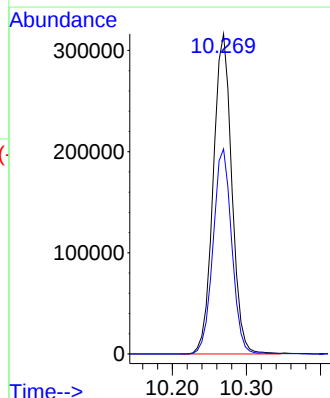
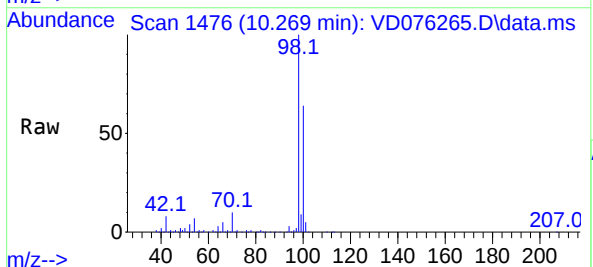
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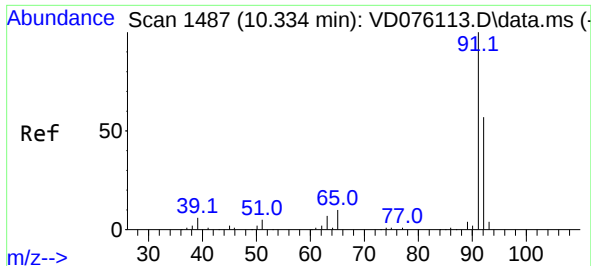
Tgt Ion:117 Resp: 21257
Ion Ratio Lower Upper
117 100
119 6.0 74.7 112.1#
121 0.0 25.9 38.9#



#50
Toluene-d8
Concen: 42.432 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076265.D
Acq: 26 May 2023 18:39

Tgt Ion: 98 Resp: 550398
Ion Ratio Lower Upper
98 100
100 64.5 52.1 78.1

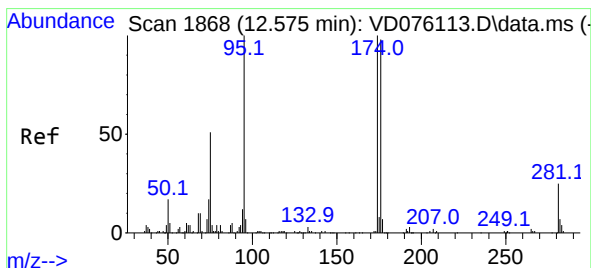
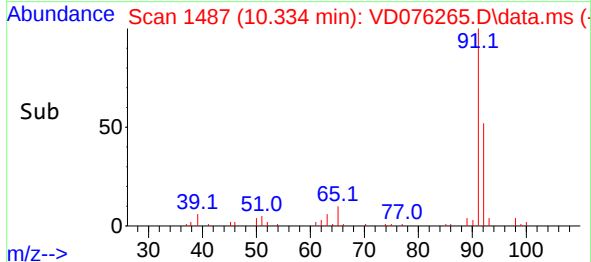
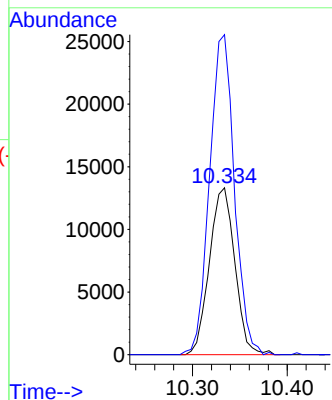
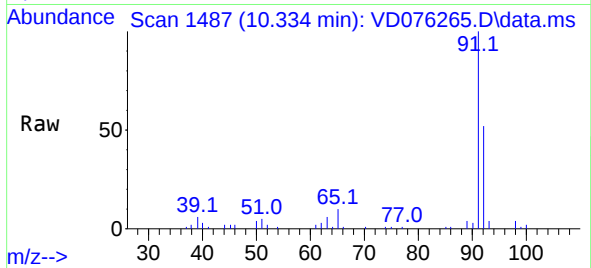




#52
Toluene
Concen: 2.756 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076265.D
Acq: 26 May 2023 18:39

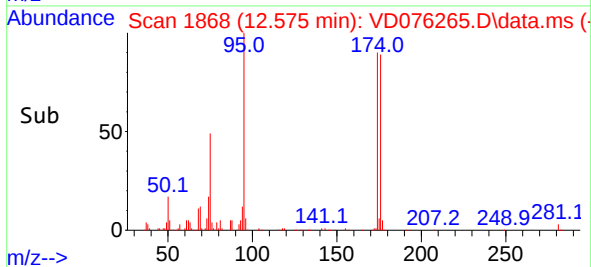
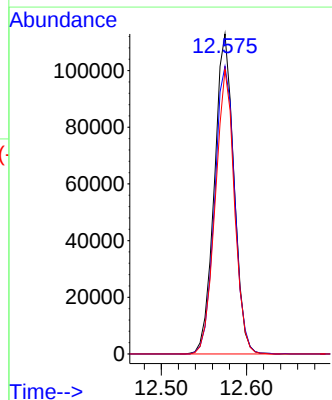
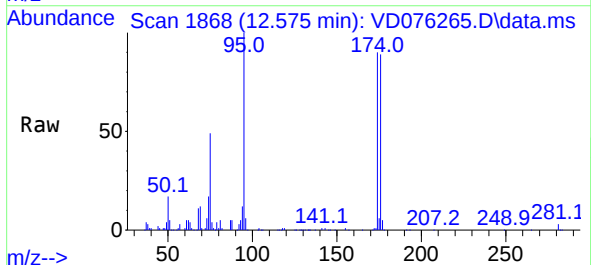
Instrument :
MSVOA_D
ClientSampleId :
FS-SB-20(ELEV-13-11)

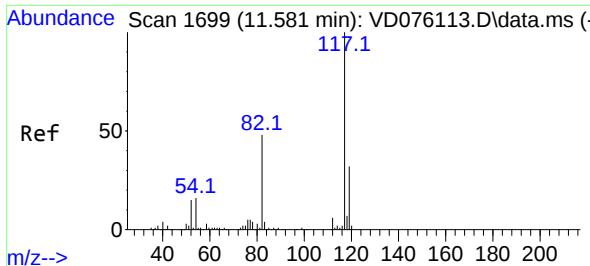
Tgt Ion: 92 Resp: 24873
Ion Ratio Lower Upper
92 100
91 187.1 136.5 204.7



#62
4-Bromofluorobenzene
Concen: 49.833 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076265.D
Acq: 26 May 2023 18:39

Tgt Ion: 95 Resp: 179561
Ion Ratio Lower Upper
95 100
174 92.2 0.0 164.0
176 87.0 0.0 156.8

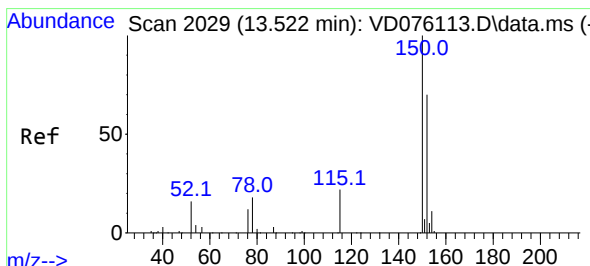
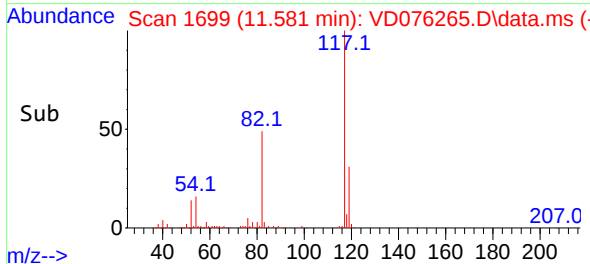
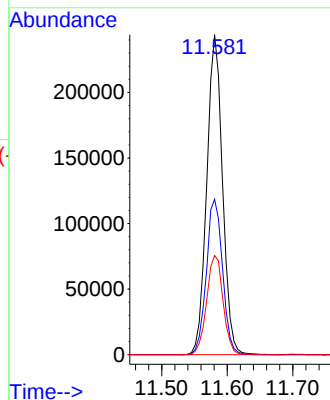
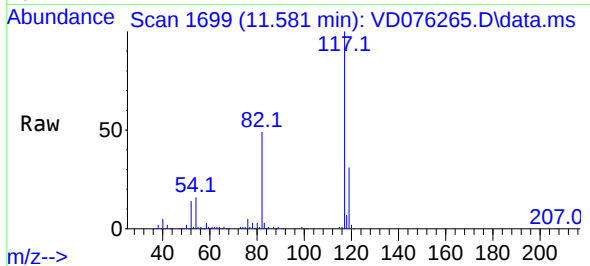




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076265.D
Acq: 26 May 2023 18:39

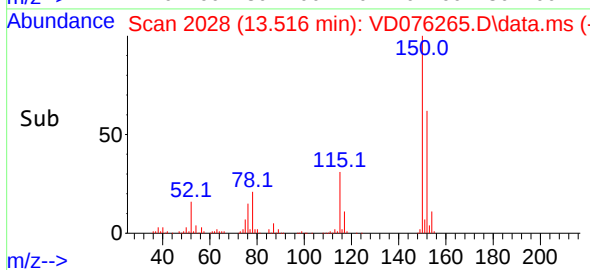
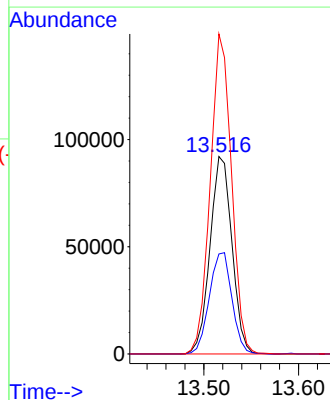
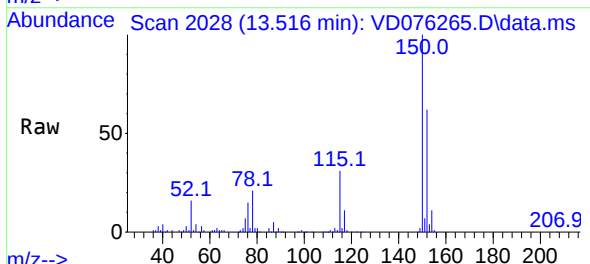
Instrument :
MSVOA_D
ClientSampleId :
FS-SB-20(ELEV-13-11)

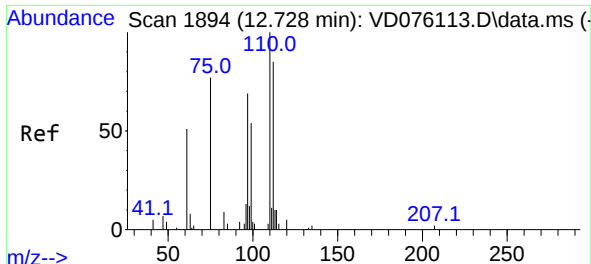
Tgt Ion:117 Resp: 408132
Ion Ratio Lower Upper
117 100
82 48.6 44.0 66.0
119 31.0 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076265.D
Acq: 26 May 2023 18:39

Tgt Ion:152 Resp: 148297
Ion Ratio Lower Upper
152 100
115 52.8 30.1 90.3
150 156.6 0.0 364.8

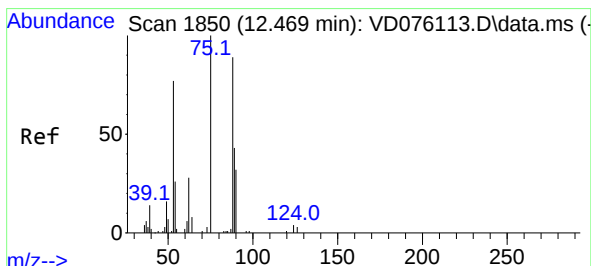
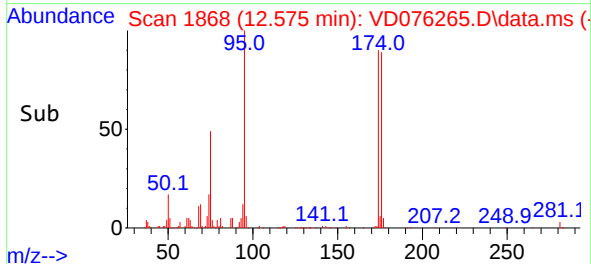
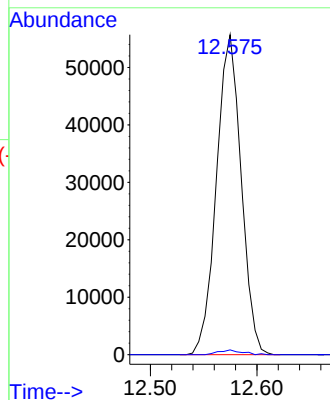
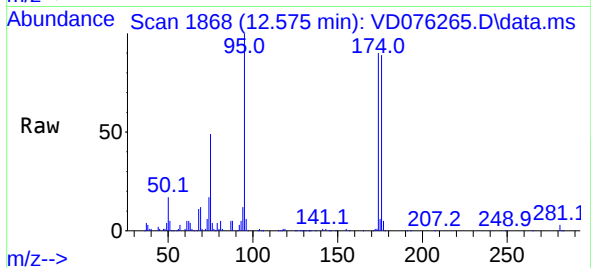




#76
1,2,3-Trichloropropane
Concen: 69.056 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD076265.D
Acq: 26 May 2023 18:39

Instrument :
MSVOA_D
ClientSampleId :
FS-SB-20(ELEV-13-11)

Tgt Ion: 75 Resp: 89616
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 144.869 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.100 min
Lab File: VD076265.D
Acq: 26 May 2023 18:39

Tgt Ion: 75 Resp: 89616
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 40.2 60.4#

