

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100622\
 Data File : VD074464.D
 Acq On : 06 Oct 2022 14:17
 Operator : VA/SY
 Sample : N5014-02
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-05-0-2.0

Quant Time: Oct 07 01:26:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 01:54:40 2022
 Response via : Initial Calibration

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

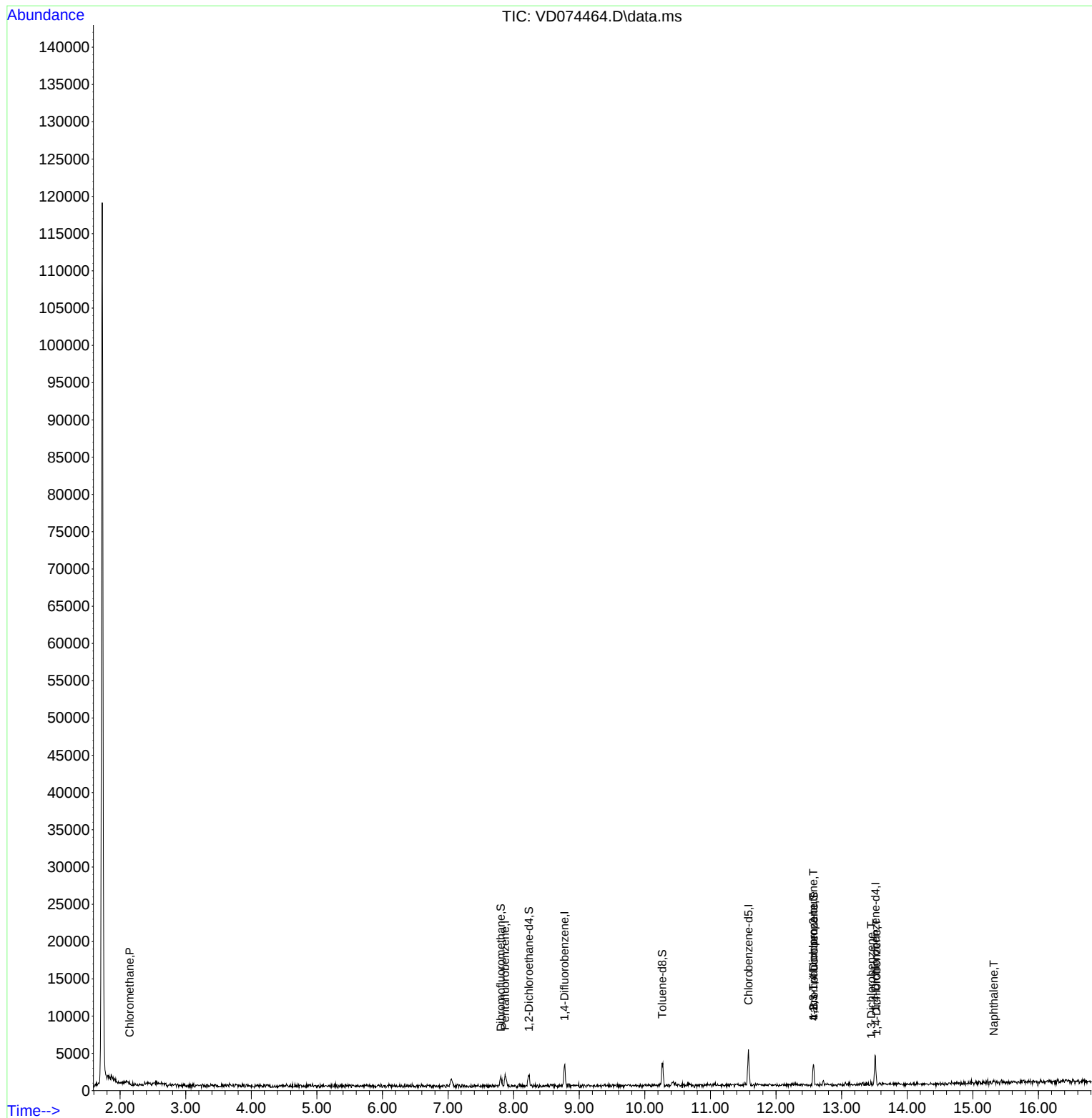
Internal Standards						
1) Pentafluorobenzene	7.869	168	1791	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	3497	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	3367	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	1505	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	1319	82.891	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 165.780%#	
35) Dibromofluoromethane	7.804	113	989	42.889	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 85.780%	
50) Toluene-d8	10.263	98	2874	34.698	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 69.400%	
62) 4-Bromofluorobenzene	12.575	95	1113	41.739	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 83.480%	
Target Compounds						Qvalue
3) Chloromethane	2.146	50	152	6.970	ug/l	# 37
76) 1,2,3-Trichloropropane	12.569	75	532	46.049	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.569	75	532	102.741	ug/l	# 17
87) 1,3-Dichlorobenzene	13.451	146	112	2.199	ug/l	# 26
88) 1,4-Dichlorobenzene	13.534	146	58	1.144	ug/l	# 25
95) Naphthalene	15.322	128	205	3.823	ug/l	# 69

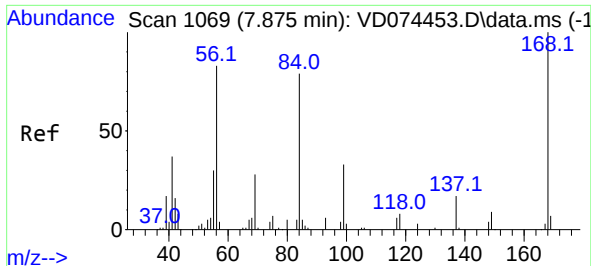
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

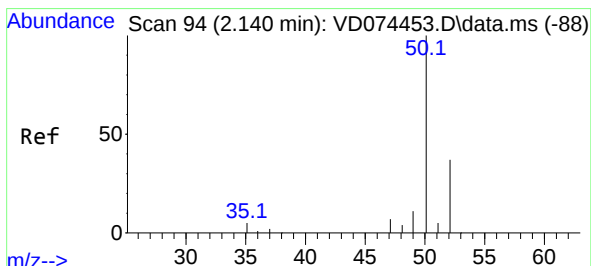
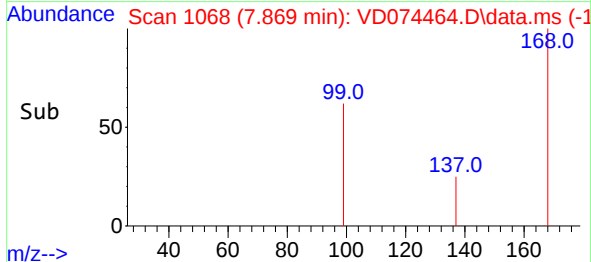
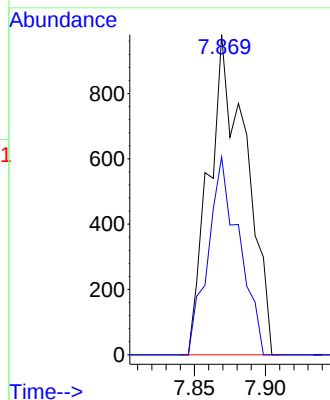
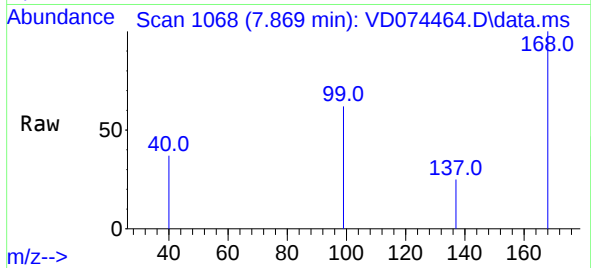




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD074464.D
Acq: 06 Oct 2022 14:17

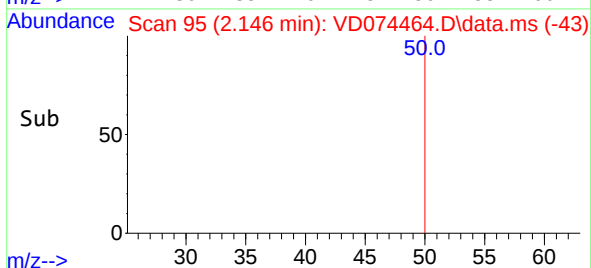
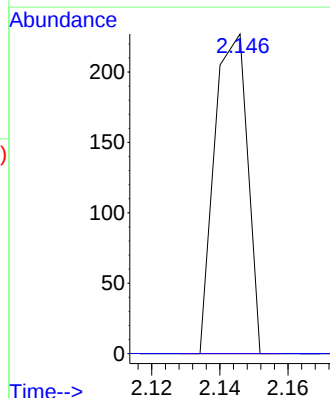
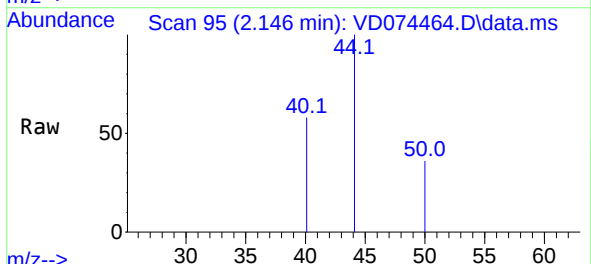
Instrument :
MSVOA_D
ClientSampleId :
SB-05-0-2.0

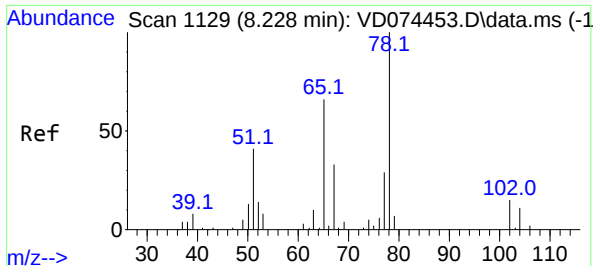
Tgt Ion:168 Resp: 1791
Ion Ratio Lower Upper
168 100
99 61.8 40.9 61.3#



#3
Chloromethane
Concen: 6.970 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.006 min
Lab File: VD074464.D
Acq: 06 Oct 2022 14:17

Tgt Ion: 50 Resp: 152
Ion Ratio Lower Upper
50 100
52 0.0 30.0 45.0#

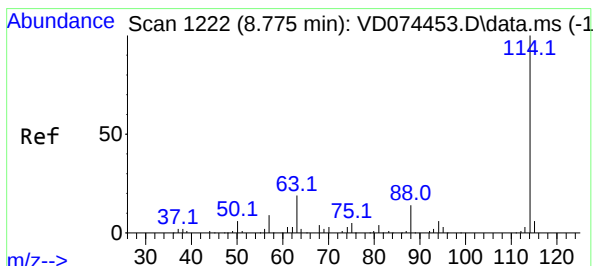
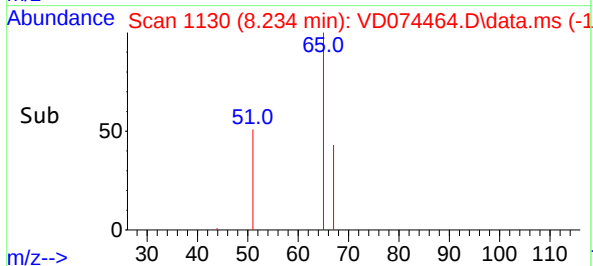
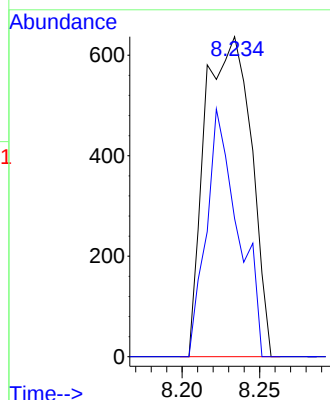
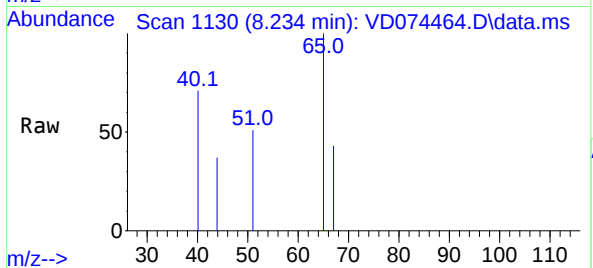




#33
1,2-Dichloroethane-d4
Concen: 82.891 ug/l
RT: 8.234 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VD074464.D
Acq: 06 Oct 2022 14:17

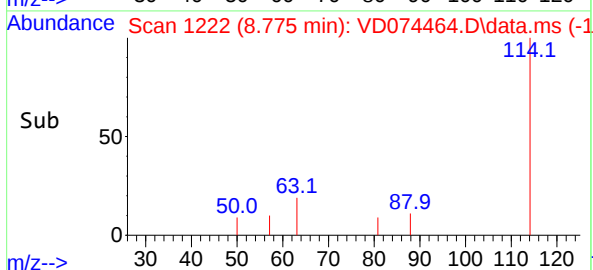
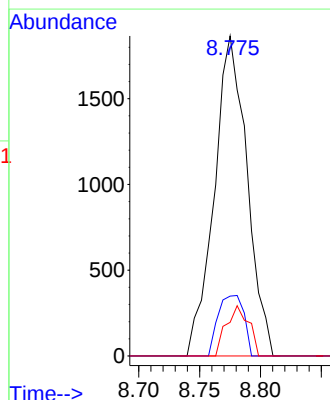
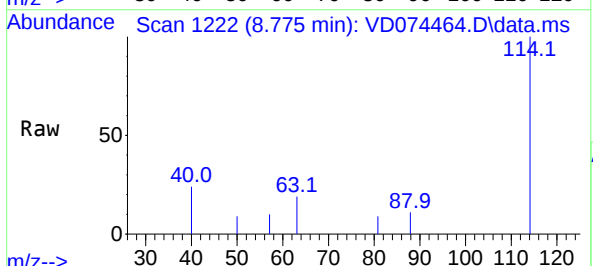
Instrument :
MSVOA_D
ClientSampleId :
SB-05-0-2.0

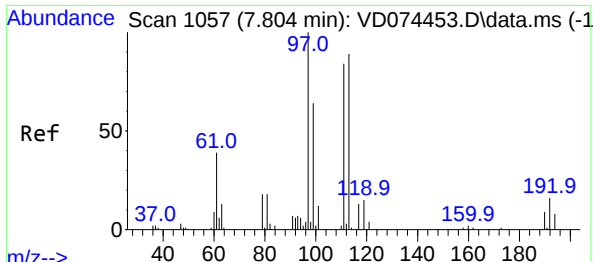
Tgt Ion: 65 Resp: 1319
Ion Ratio Lower Upper
65 100
67 53.1 0.0 110.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD074464.D
Acq: 06 Oct 2022 14:17

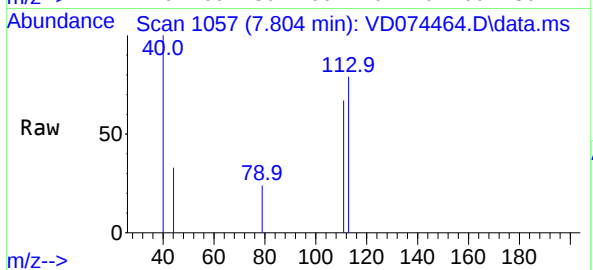
Tgt Ion:114 Resp: 3497
Ion Ratio Lower Upper
114 100
63 18.7 0.0 33.2
88 10.5 0.0 28.2



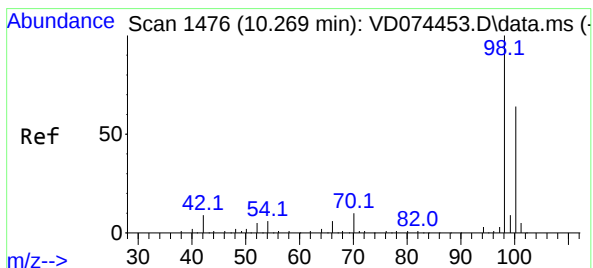
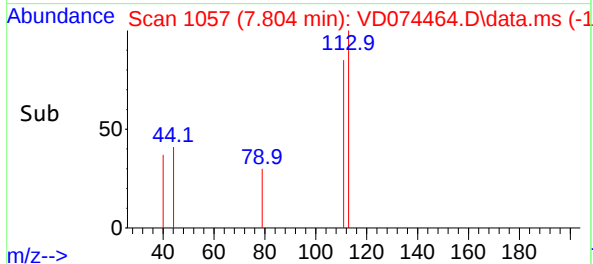
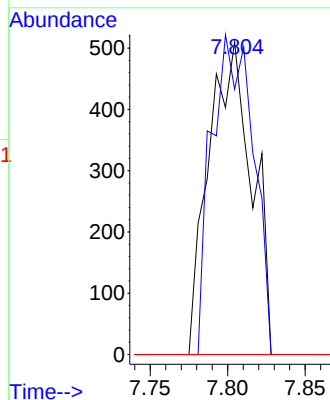


#35
Dibromofluoromethane
Concen: 42.889 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD074464.D
Acq: 06 Oct 2022 14:17

Instrument :
MSVOA_D
ClientSampleId :
SB-05-0-2.0

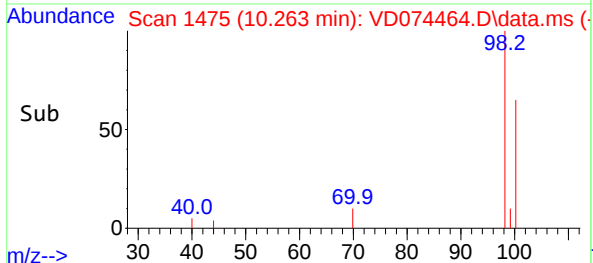
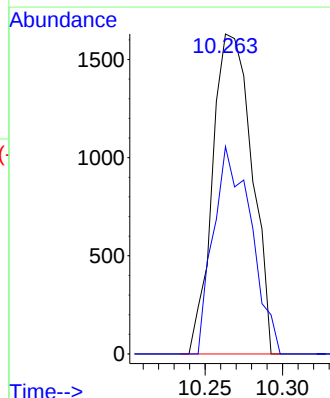
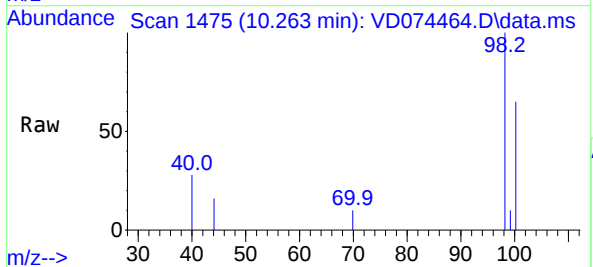


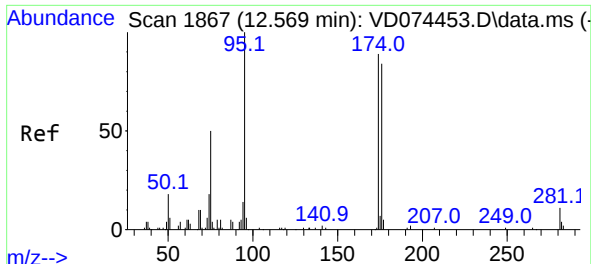
Tgt Ion:113 Resp: 989
Ion Ratio Lower Upper
113 100
111 98.6 82.3 123.5
192 0.0 16.4 24.6#



#50
Toluene-d8
Concen: 34.698 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VD074464.D
Acq: 06 Oct 2022 14:17

Tgt Ion: 98 Resp: 2874
Ion Ratio Lower Upper
98 100
100 62.0 51.4 77.0



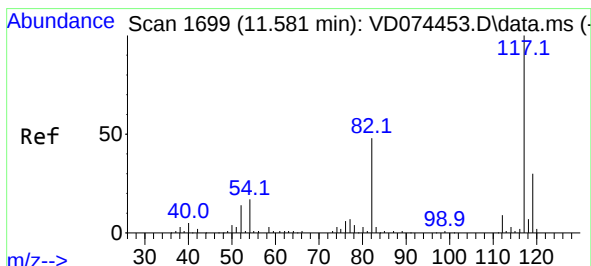
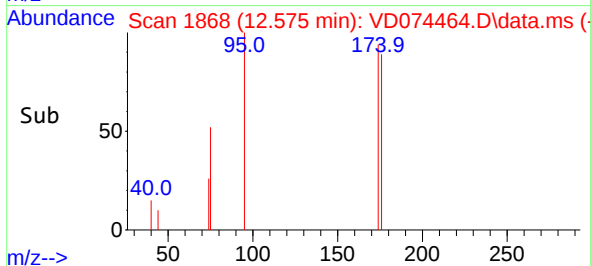
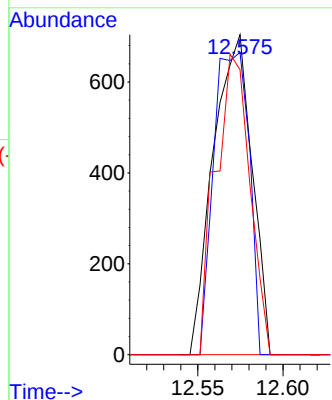
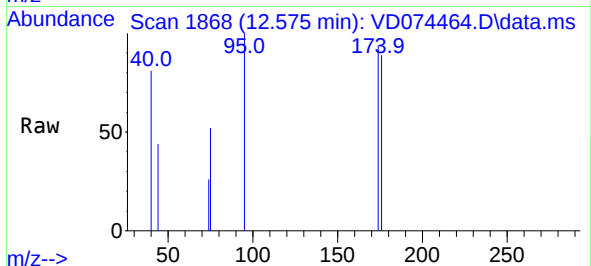


#62
4-Bromofluorobenzene
Concen: 41.739 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD074464.D
Acq: 06 Oct 2022 14:17

Instrument : MSVOA_D
ClientSampleId : SB-05-0-2.0

Tgt Ion: 95 Resp: 1113

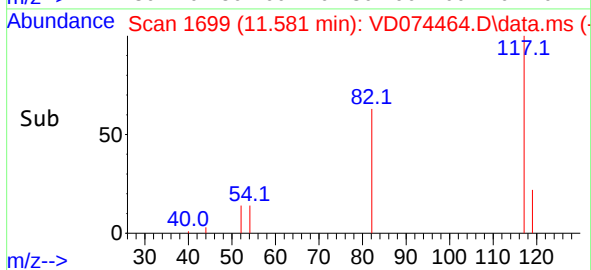
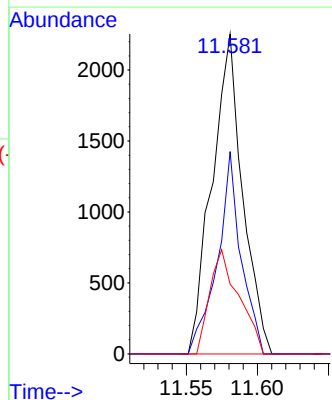
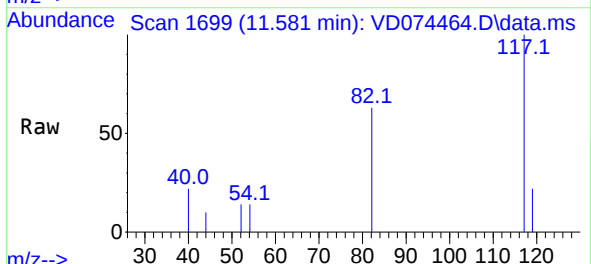
Ion	Ratio	Lower	Upper
95	100		
174	86.1	0.0	197.0
176	83.4	0.0	182.6

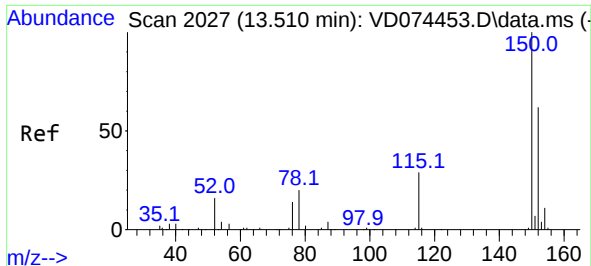


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074464.D
Acq: 06 Oct 2022 14:17

Tgt Ion: 117 Resp: 3367

Ion	Ratio	Lower	Upper
117	100		
82	63.2	41.6	62.4#
119	21.8	25.2	37.8#

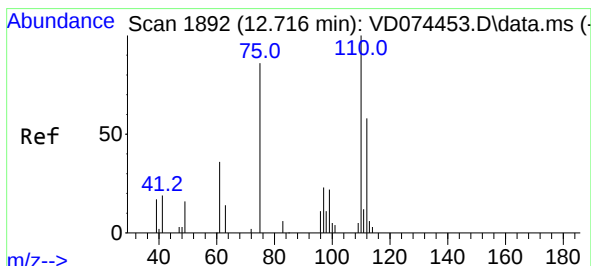
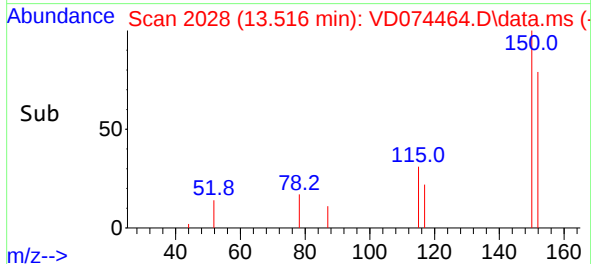
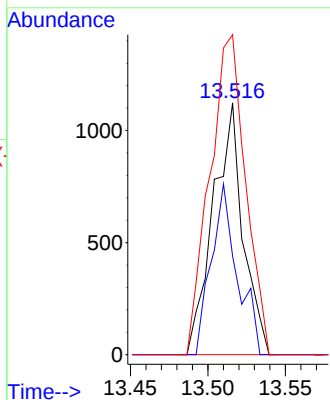
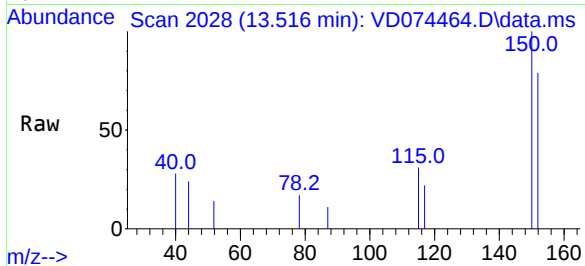




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. 0.006 min
Lab File: VD074464.D
Acq: 06 Oct 2022 14:17

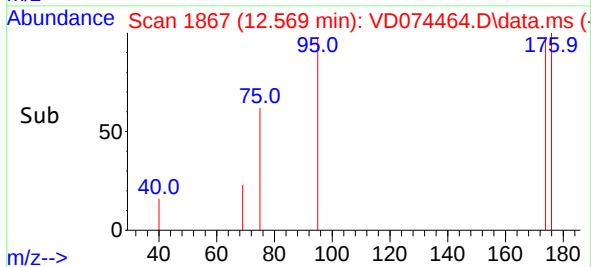
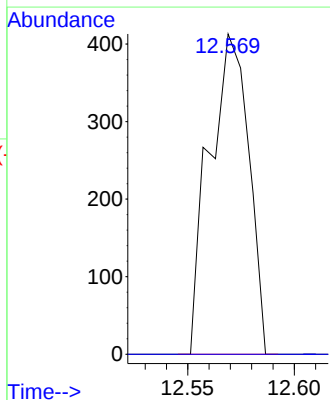
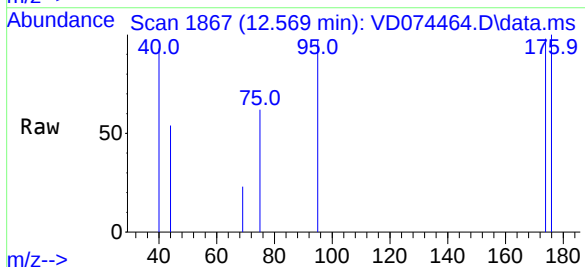
Instrument :
MSVOA_D
ClientSampleId :
SB-05-0-2.0

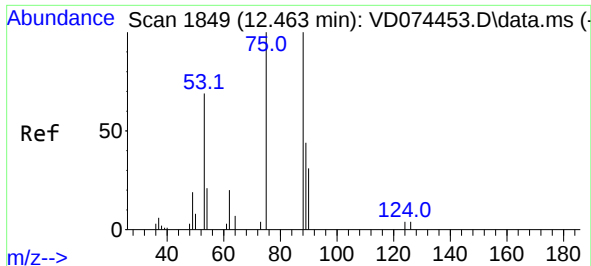
Tgt Ion:152 Resp: 1505
Ion Ratio Lower Upper
152 100
115 58.8 26.8 80.4
150 152.4 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 46.049 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.147 min
Lab File: VD074464.D
Acq: 06 Oct 2022 14:17

Tgt Ion: 75 Resp: 532
Ion Ratio Lower Upper
75 100
77 0.0 185.8 557.5#

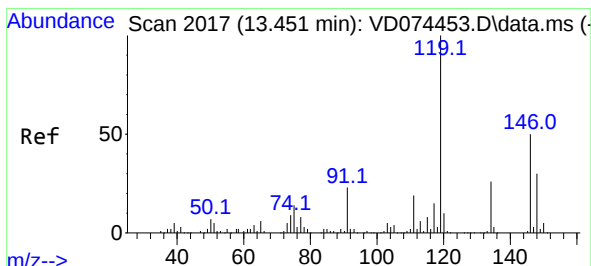
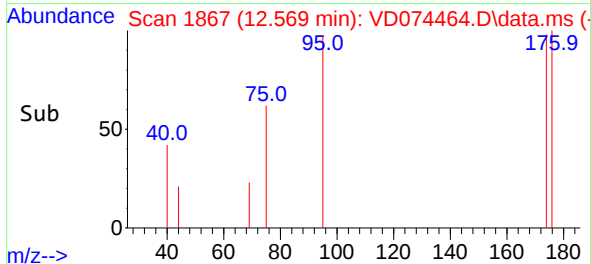
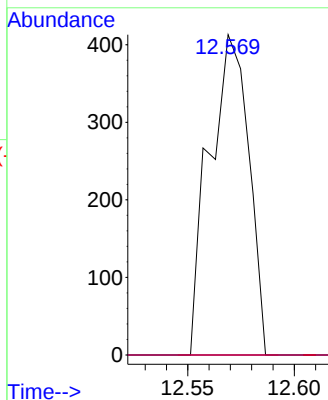
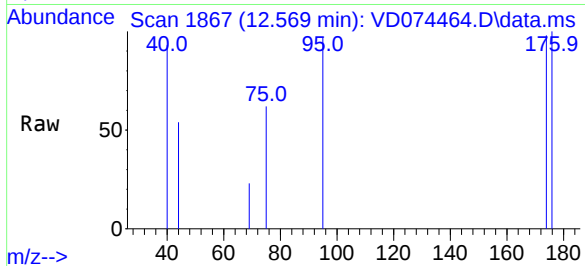




#81
trans-1,4-Dichloro-2-butene
Concen: 102.741 ug/l
RT: 12.569 min Scan# 1849
Delta R.T. 0.106 min
Lab File: VD074464.D
Acq: 06 Oct 2022 14:17

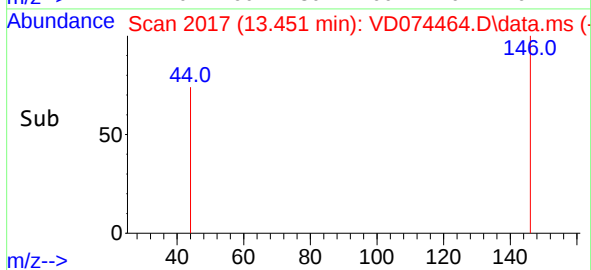
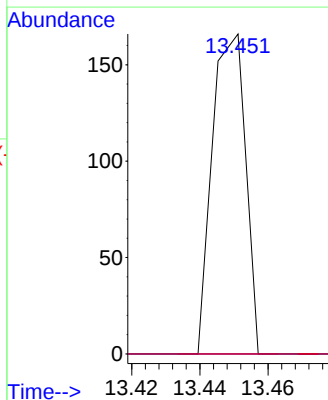
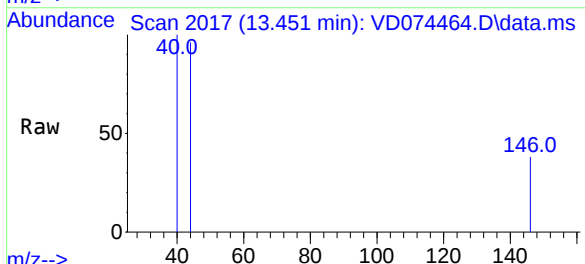
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SB-05-0-2.0

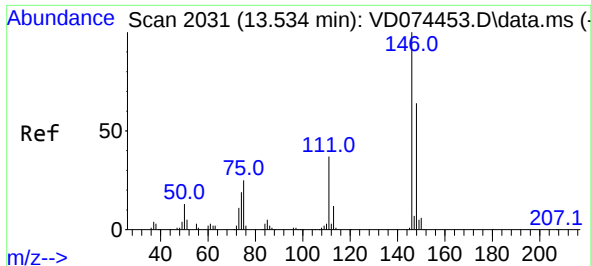
Tgt Ion: 75 Resp: 532
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#



#87
1,3-Dichlorobenzene
Concen: 2.199 ug/l
RT: 13.451 min Scan# 2017
Delta R.T. -0.000 min
Lab File: VD074464.D
Acq: 06 Oct 2022 14:17

Tgt Ion: 146 Resp: 112
Ion Ratio Lower Upper
146 100
111 0.0 18.3 54.8#
148 0.0 31.8 95.4#

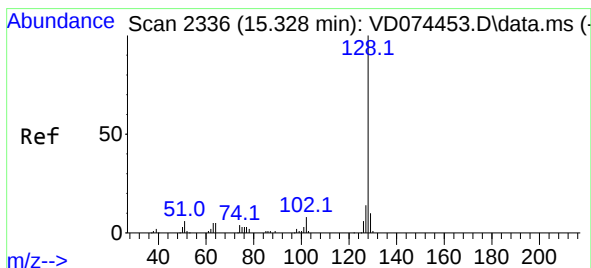
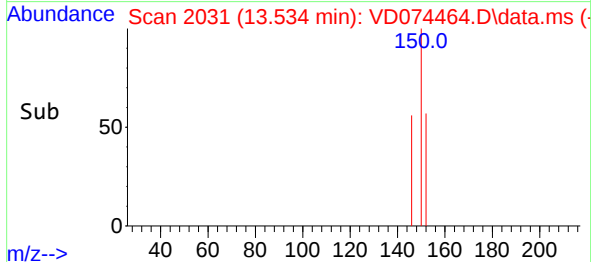
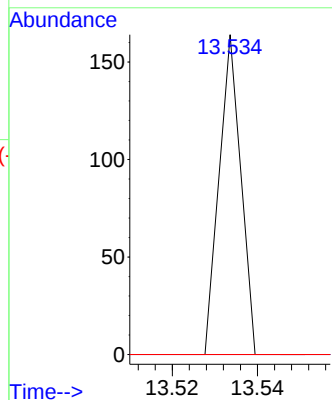
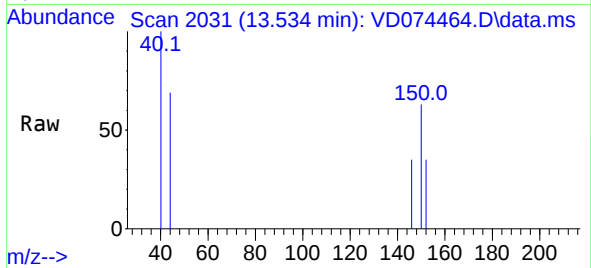




#88
1,4-Dichlorobenzene
Concen: 1.144 ug/l
RT: 13.534 min Scan# 2031
Delta R.T. -0.000 min
Lab File: VD074464.D
Acq: 06 Oct 2022 14:17

Instrument : MSVOA_D
ClientSampleId : SB-05-0-2.0

Tgt Ion:	146	Resp:	58
Ion	Ratio	Lower	Upper
146	100		
111	0.0	17.7	53.1#
148	0.0	32.3	96.9#



#95
Naphthalene
Concen: 3.823 ug/l
RT: 15.322 min Scan# 2335
Delta R.T. -0.006 min
Lab File: VD074464.D
Acq: 06 Oct 2022 14:17

Tgt Ion:	128	Resp:	205
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	16.0#
129	0.0	8.3	12.5#

