

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110722\
 Data File : VD074765.D
 Acq On : 07 Nov 2022 17:01
 Operator : VA/SY
 Sample : N5494-11
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-24

Quant Time: Nov 08 00:22:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	6694	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	12689	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	11855	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	5767	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	7714	145.498	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	291.000%#
35) Dibromofluoromethane	7.805	113	7030	93.658	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	187.320%#
50) Toluene-d8	10.269	98	15759	57.557	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	115.120%
62) 4-Bromofluorobenzene	12.575	95	5552	70.230	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	140.460%

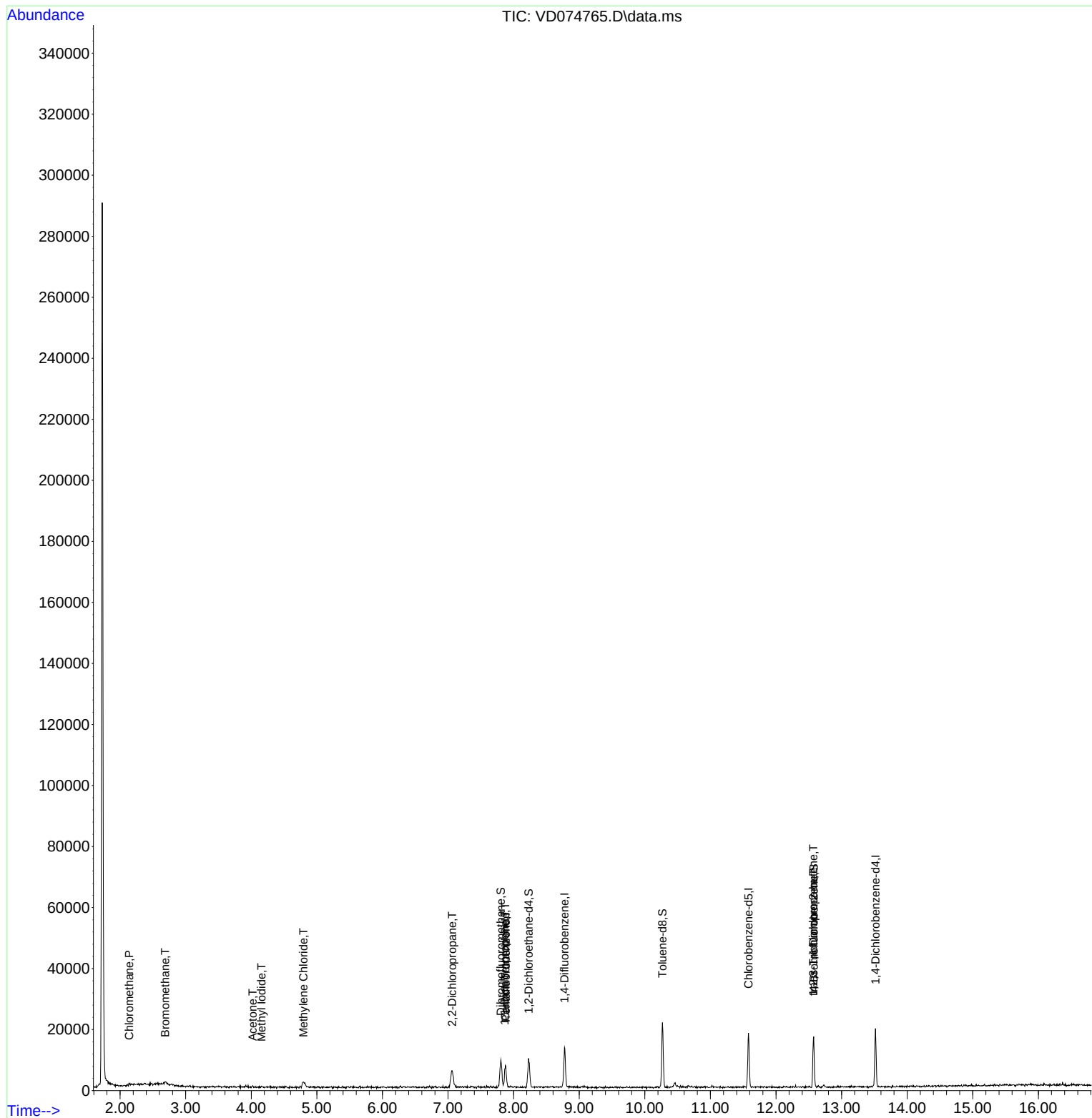
Target Compounds					Qvalue	
3) Chloromethane	2.140	50	516	5.881	ug/l #	37
5) Bromomethane	2.687	94	572	7.847	ug/l #	79
10) Methyl Iodide	4.158	142	114	6.657	ug/l #	43
16) Acetone	4.022	43	423	38.233	ug/l #	37
20) Methylene Chloride	4.793	84	1563	7.007	ug/l #	92
26) 2,2-Dichloropropane	7.063	77	151	1.362	ug/l #	50
36) 1,1-Dichloropropene	7.863	75	272	2.387	ug/l #	39
38) Carbon Tetrachloride	7.875	117	494	4.577	ug/l #	14
76) 1,2,3-Trichloropropane	12.569	75	2572	57.531	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.569	75	2572	136.565	ug/l #	17

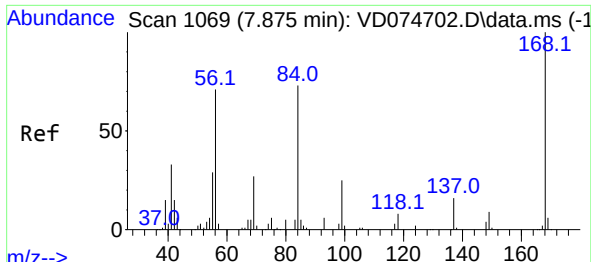
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110722\
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Sample : N5494-11
Misc : 5.01G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

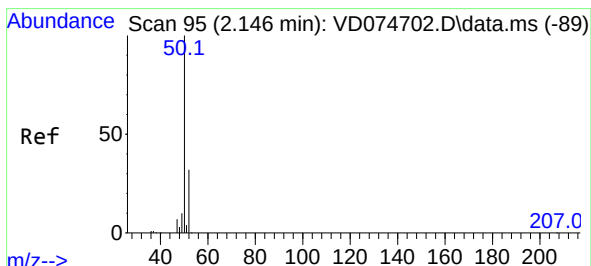
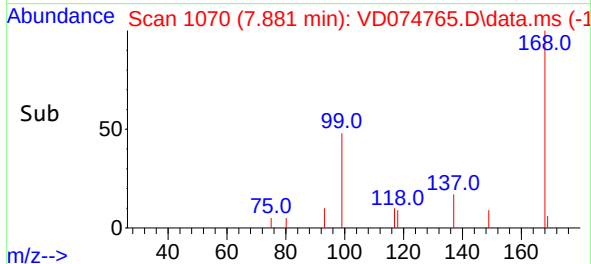
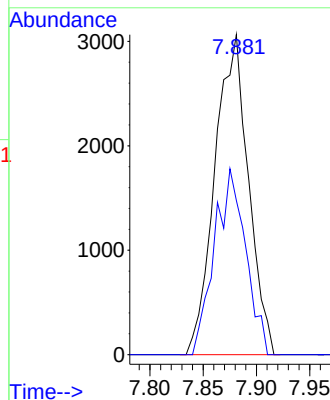
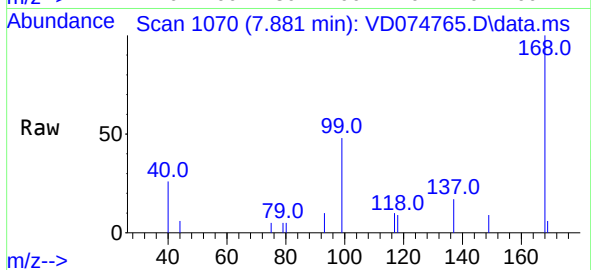




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD074765.D
Acq: 07 Nov 2022 17:01

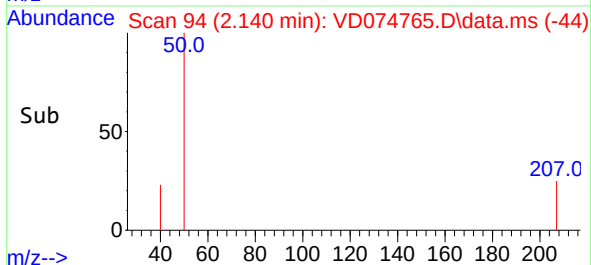
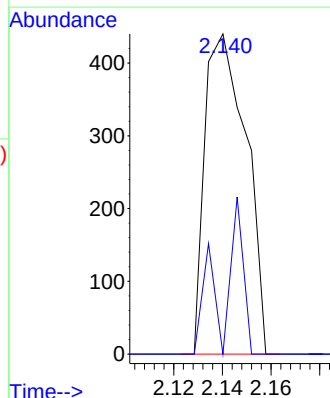
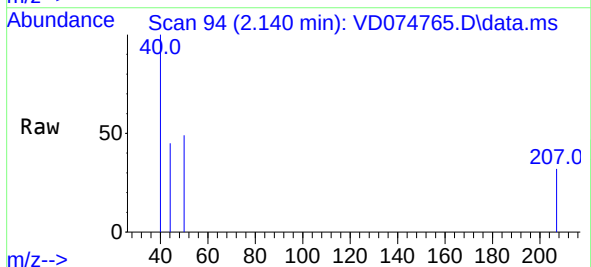
Instrument :
MSVOA_D
ClientSampleId :
SB-24

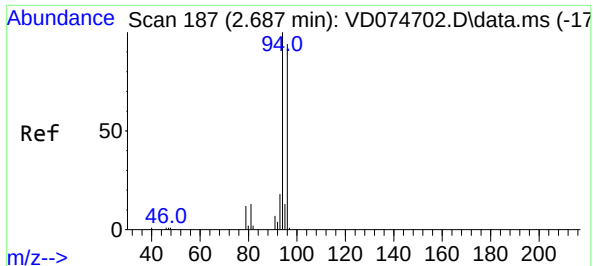
Tgt Ion:168 Resp: 6694
Ion Ratio Lower Upper
168 100
99 48.2 40.9 61.3



#3
Chloromethane
Concen: 5.881 ug/l
RT: 2.140 min Scan# 94
Delta R.T. -0.006 min
Lab File: VD074765.D
Acq: 07 Nov 2022 17:01

Tgt Ion: 50 Resp: 516
Ion Ratio Lower Upper
50 100
52 0.0 30.0 45.0#

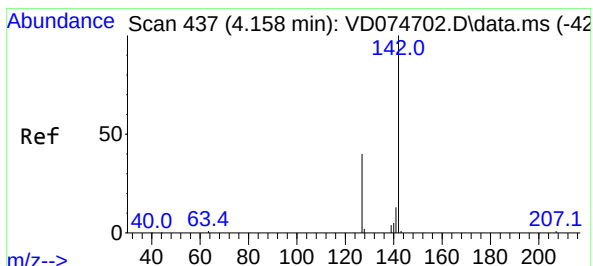
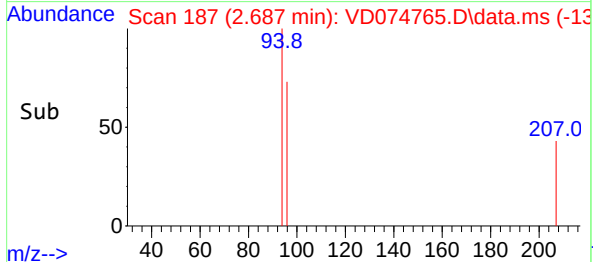
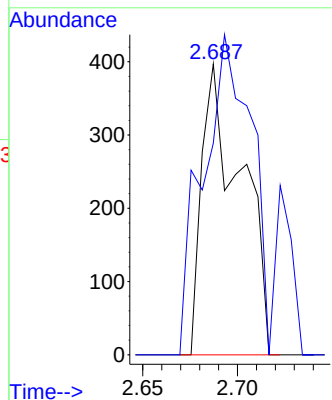
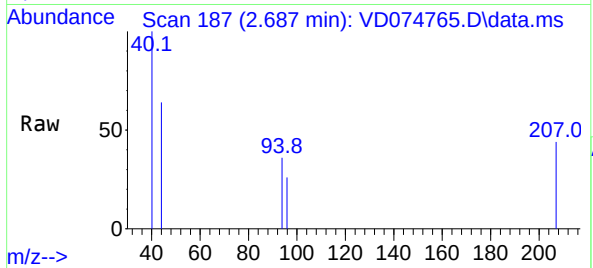




#5
Bromomethane
Concen: 7.847 ug/l
RT: 2.687 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074765.D
Acq: 07 Nov 2022 17:01

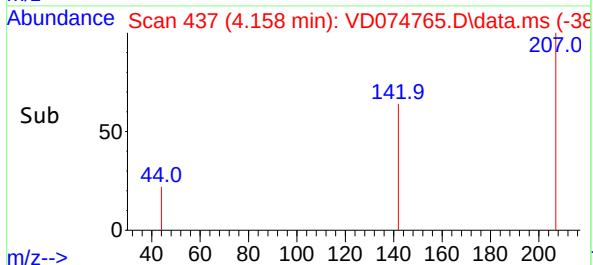
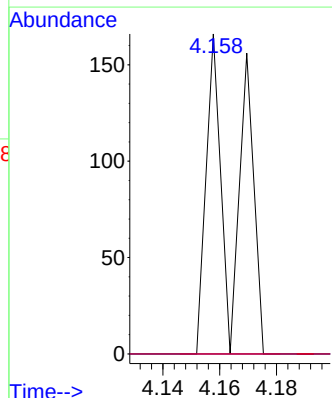
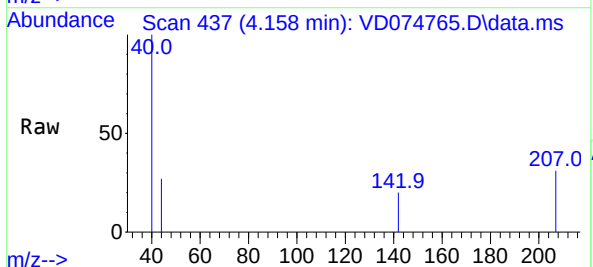
Instrument :
MSVOA_D
ClientSampleId :
SB-24

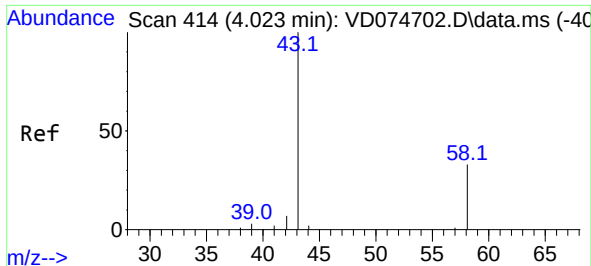
Tgt Ion: 94 Resp: 572
Ion Ratio Lower Upper
94 100
96 72.8 74.6 112.0#



#10
Methyl Iodide
Concen: 6.657 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.000 min
Lab File: VD074765.D
Acq: 07 Nov 2022 17:01

Tgt Ion:142 Resp: 114
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#

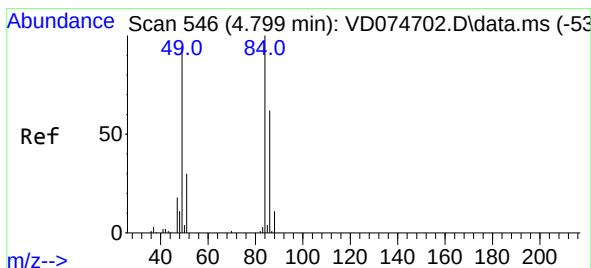
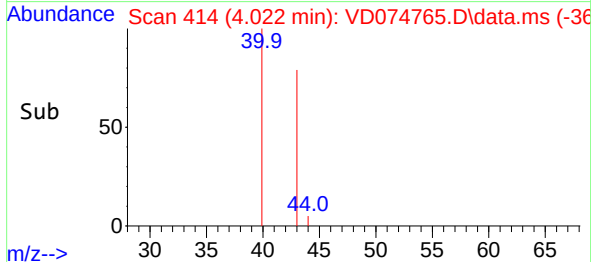
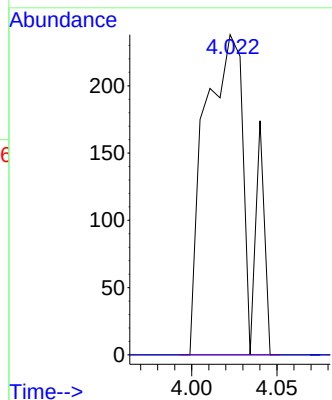
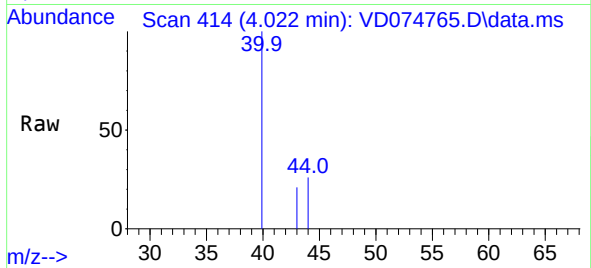




#16
Acetone
Concen: 38.233 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.001 min
Lab File: VD074765.D
Acq: 07 Nov 2022 17:01

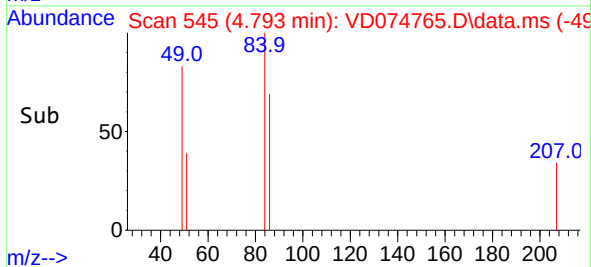
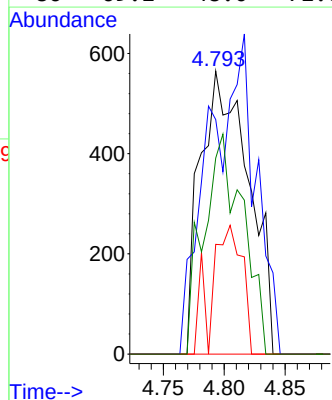
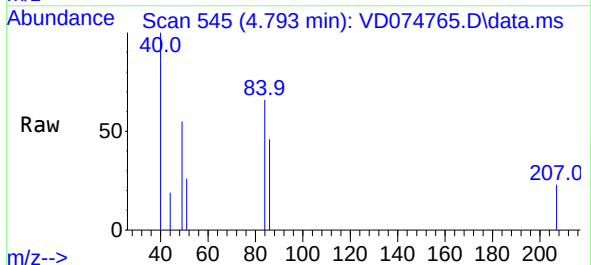
Instrument :
MSVOA_D
ClientSampleId :
SB-24

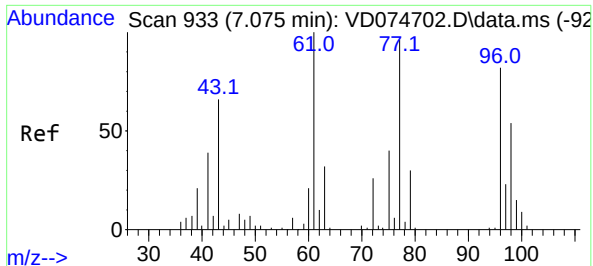
Tgt Ion: 43 Resp: 423
Ion Ratio Lower Upper
43 100
58 0.0 30.2 45.2#



#20
Methylene Chloride
Concen: 7.007 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD074765.D
Acq: 07 Nov 2022 17:01

Tgt Ion: 84 Resp: 1563
Ion Ratio Lower Upper
84 100
49 82.8 68.0 102.0
51 38.8 23.2 34.8#
86 69.2 48.0 72.0

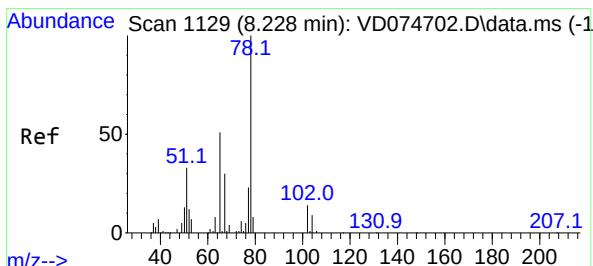
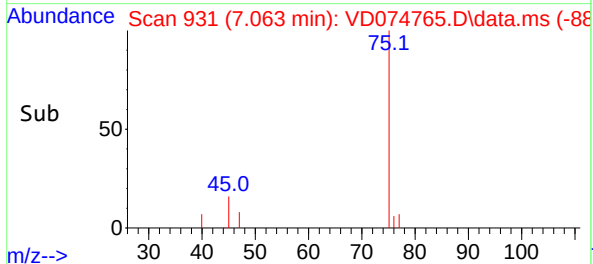
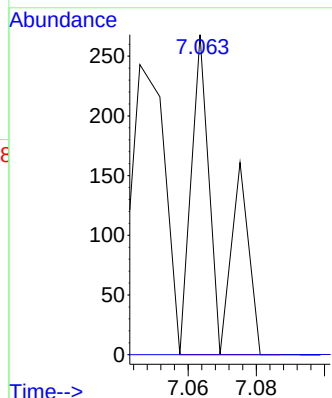
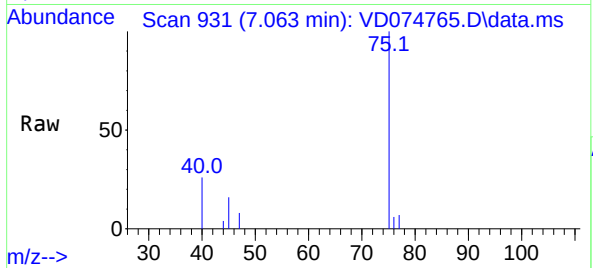




#26
2,2-Dichloropropane
Concen: 1.362 ug/l
RT: 7.063 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD074765.D
Acq: 07 Nov 2022 17:01

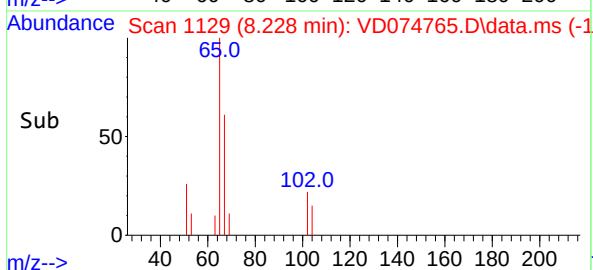
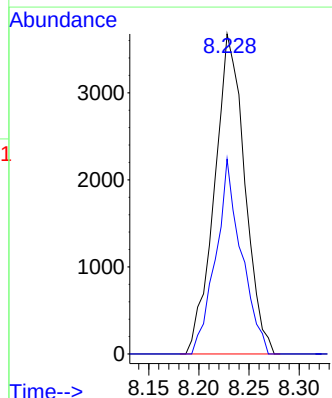
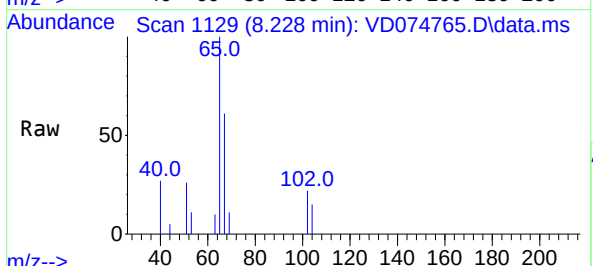
Instrument :
MSVOA_D
ClientSampleId :
SB-24

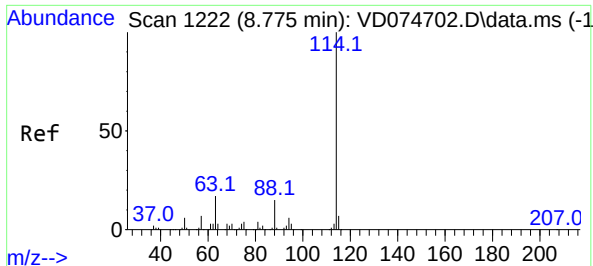
Tgt Ion: 77 Resp: 151
Ion Ratio Lower Upper
77 100
97 0.0 12.5 37.5#



#33
1,2-Dichloroethane-d4
Concen: 145.498 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD074765.D
Acq: 07 Nov 2022 17:01

Tgt Ion: 65 Resp: 7714
Ion Ratio Lower Upper
65 100
67 51.8 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD074765.D

Acq: 07 Nov 2022 17:01

Instrument :

MSVOA_D

ClientSampleId :

SB-24

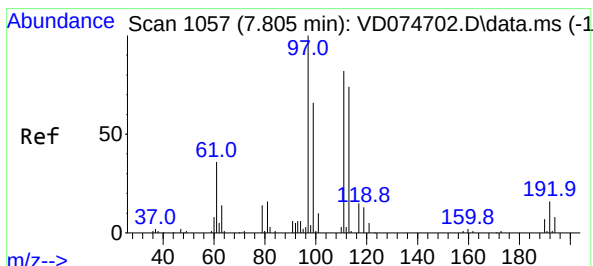
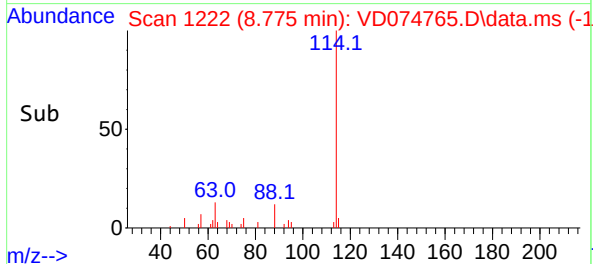
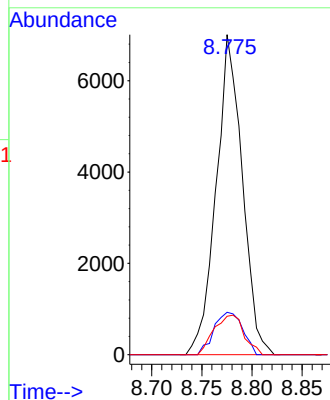
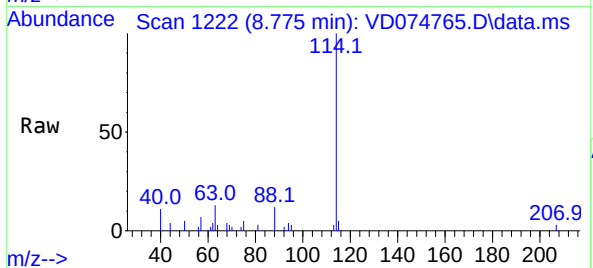
Tgt Ion:114 Resp: 12689

Ion Ratio Lower Upper

114 100

63 13.3 0.0 33.2

88 12.0 0.0 28.2



#35

Dibromofluoromethane

Concen: 93.658 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD074765.D

Acq: 07 Nov 2022 17:01

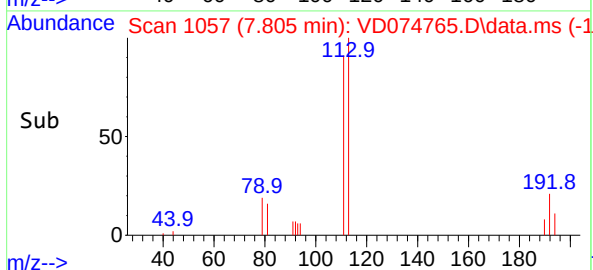
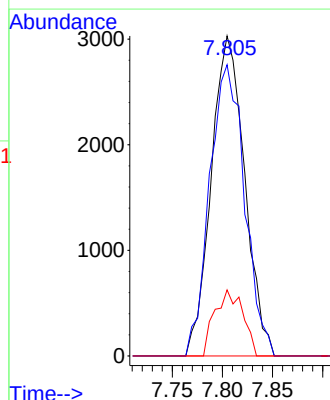
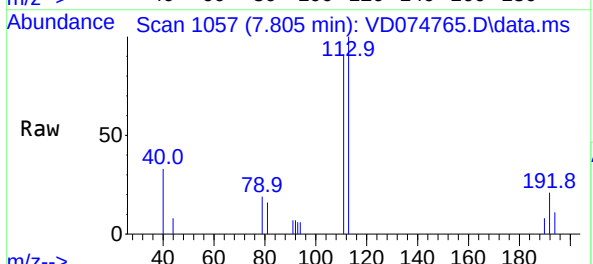
Tgt Ion:113 Resp: 7030

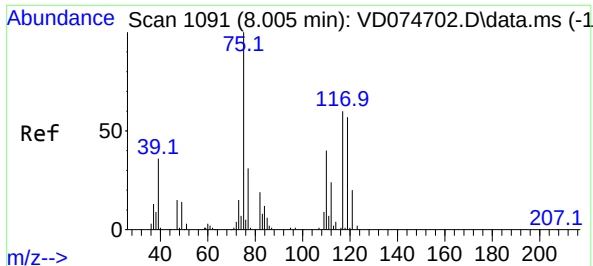
Ion Ratio Lower Upper

113 100

111 95.0 82.3 123.5

192 17.3 16.4 24.6





#36

1,1-Dichloropropene

Concen: 2.387 ug/l

RT: 7.863 min Scan# 1067

Delta R.T. -0.142 min

Lab File: VD074765.D

Acq: 07 Nov 2022 17:01

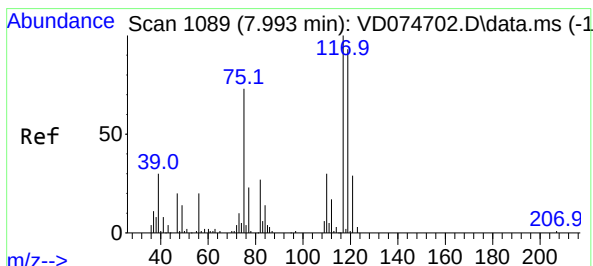
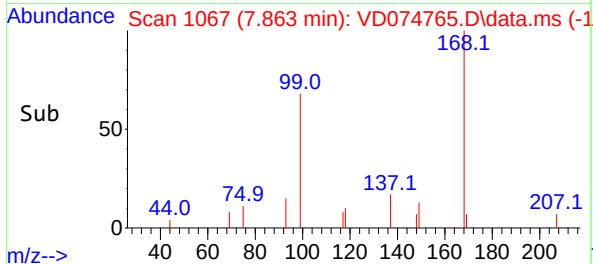
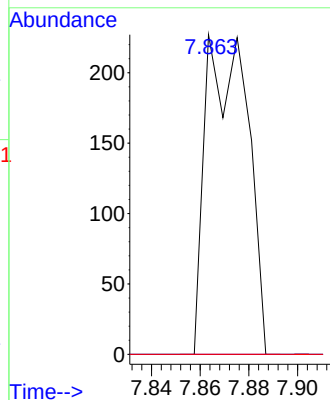
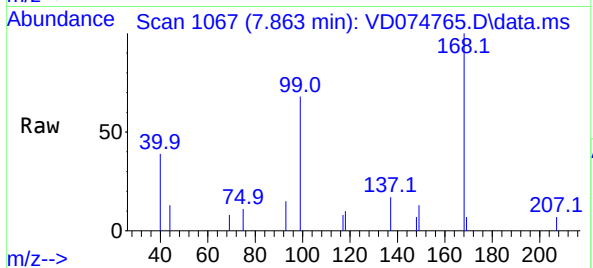
Instrument :

MSVOA_D

ClientSampleId :

SB-24

Tgt Ion: 75	Resp:	272
Ion	Ratio	Lower Upper
75	100	
110	0.0	19.7 59.0#
77	0.0	25.4 38.2#



#38

Carbon Tetrachloride

Concen: 4.577 ug/l

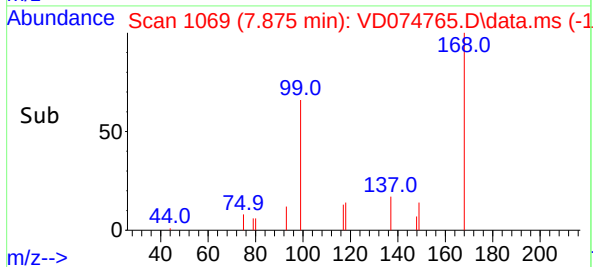
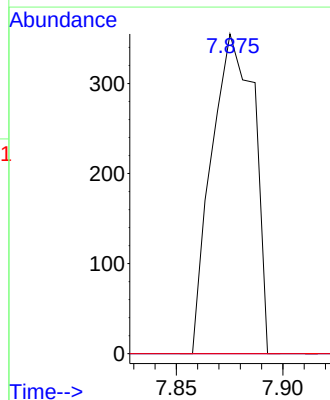
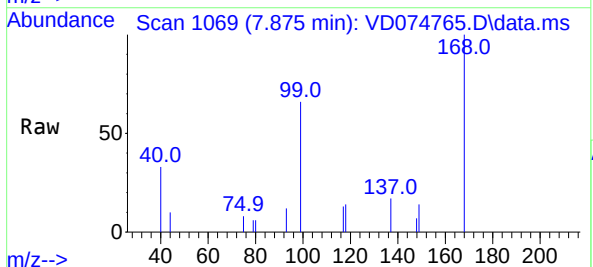
RT: 7.875 min Scan# 1069

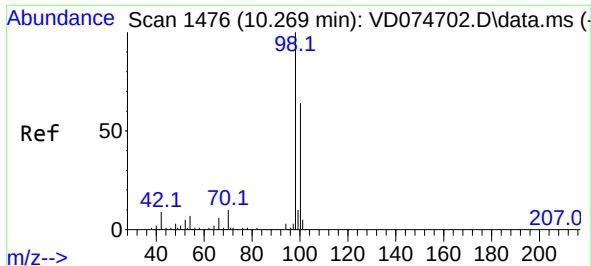
Delta R.T. -0.118 min

Lab File: VD074765.D

Acq: 07 Nov 2022 17:01

Tgt Ion: 117	Resp:	494
Ion	Ratio	Lower Upper
117	100	
119	0.0	73.1 109.7#
121	0.0	25.0 37.6#

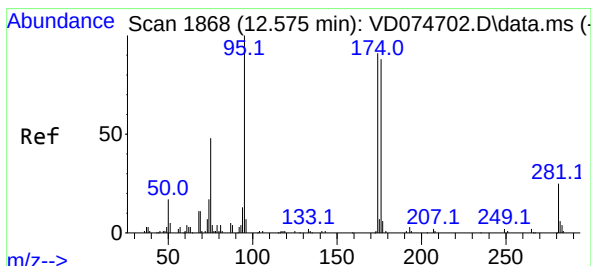
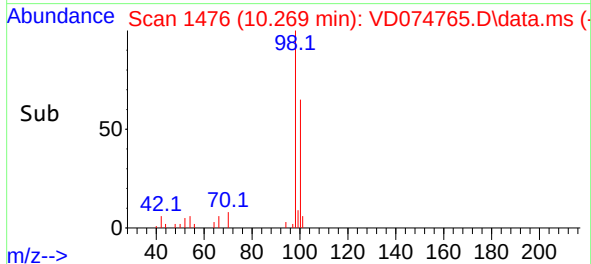
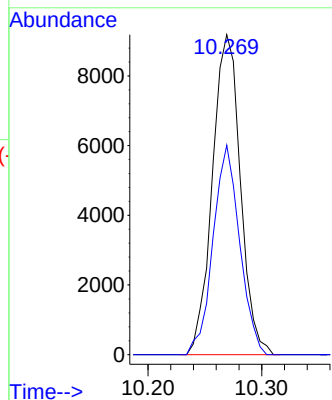
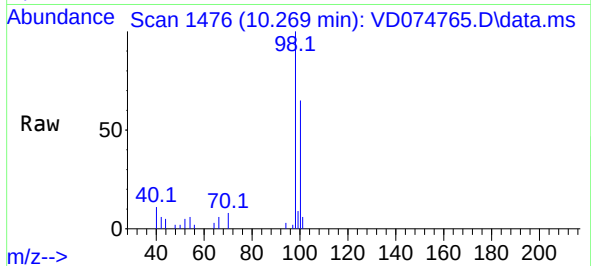




#50
Toluene-d8
Concen: 57.557 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074765.D
Acq: 07 Nov 2022 17:01

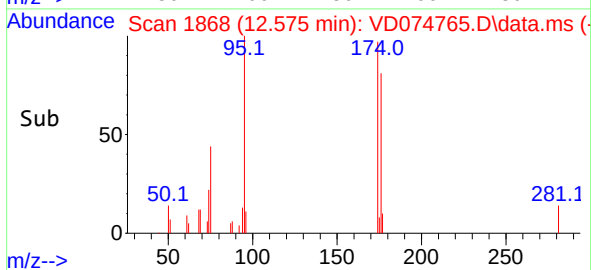
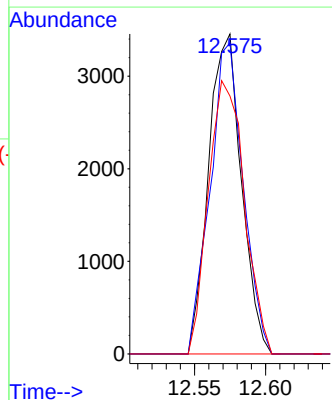
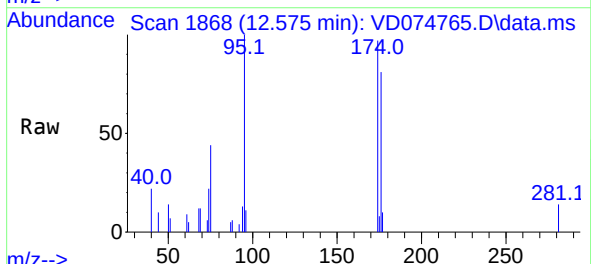
Instrument :
MSVOA_D
ClientSampleId :
SB-24

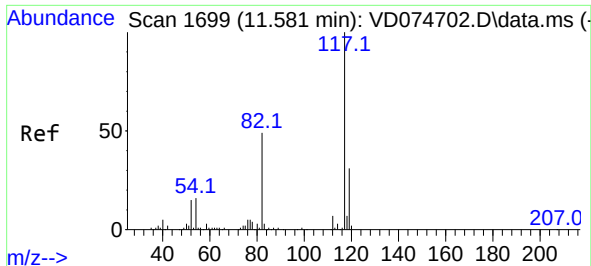
Tgt Ion: 98 Resp: 15759
Ion Ratio Lower Upper
98 100
100 62.1 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 70.230 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074765.D
Acq: 07 Nov 2022 17:01

Tgt Ion: 95 Resp: 5552
Ion Ratio Lower Upper
95 100
174 98.2 0.0 197.0
176 93.9 0.0 182.6

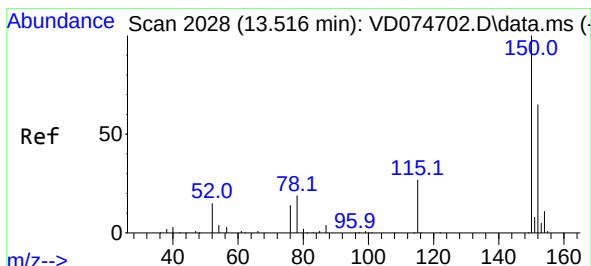
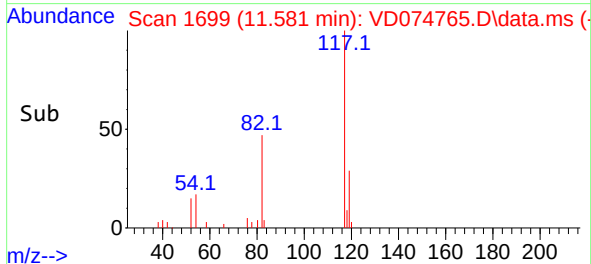
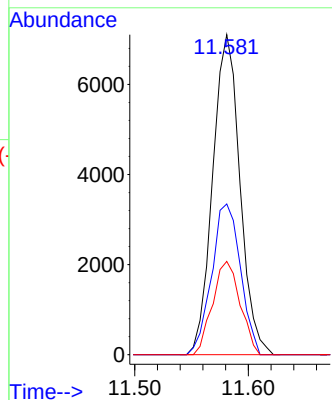
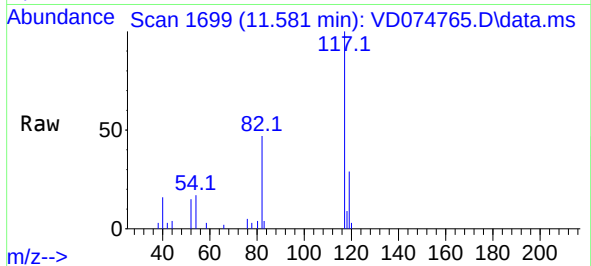




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074765.D
Acq: 07 Nov 2022 17:01

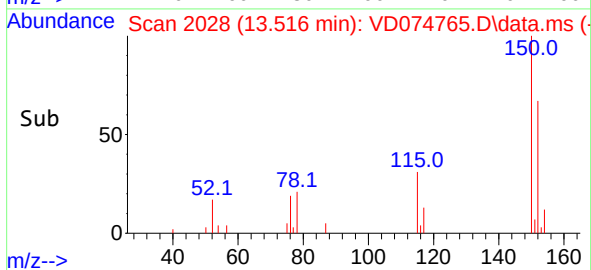
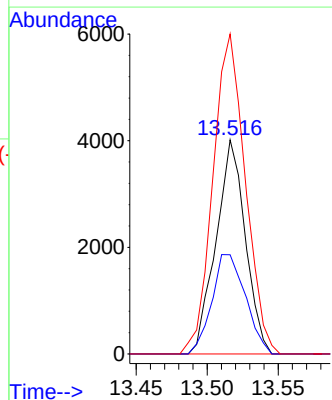
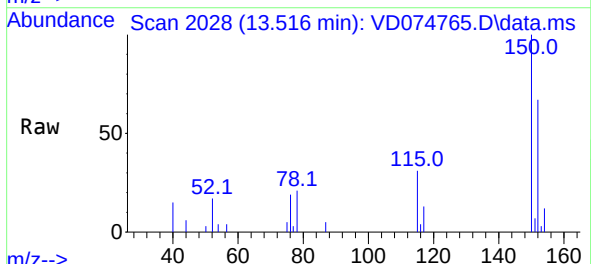
Instrument :
MSVOA_D
ClientSampleId :
SB-24

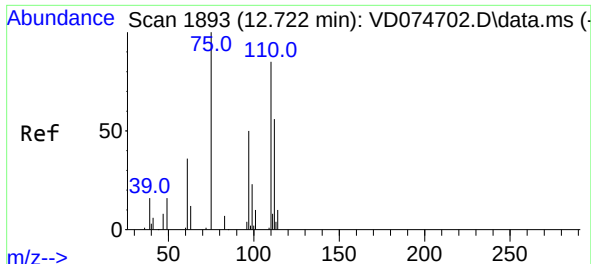
Tgt Ion:	117	Resp:	11855
Ion	Ratio	Lower	Upper
117	100		
82	47.1	41.6	62.4
119	29.1	25.2	37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD074765.D
Acq: 07 Nov 2022 17:01

Tgt Ion:	152	Resp:	5767
Ion	Ratio	Lower	Upper
152	100		
115	53.2	26.8	80.4
150	164.7	0.0	348.2

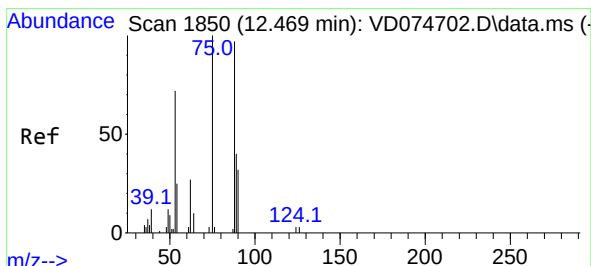
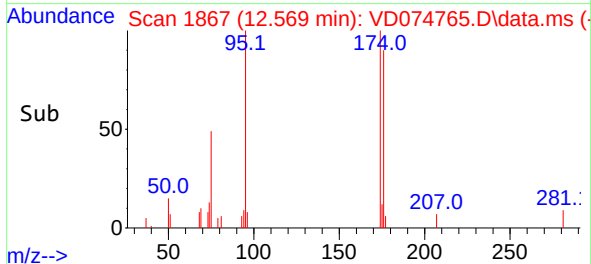
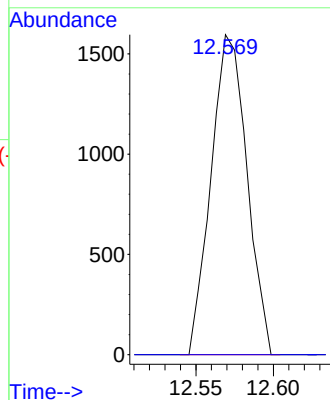
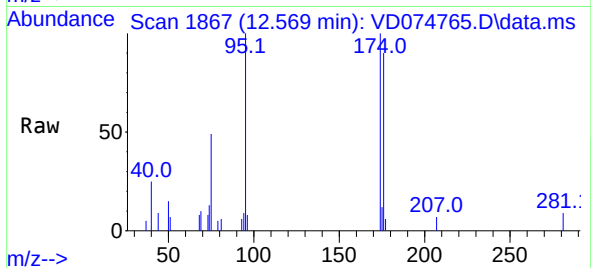




#76
1,2,3-Trichloropropane
Concen: 57.531 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD074765.D
Acq: 07 Nov 2022 17:01

Instrument :
MSVOA_D
ClientSampleId :
SB-24

Tgt Ion: 75 Resp: 2572
Ion Ratio Lower Upper
75 100
77 0.0 185.8 557.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 136.565 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD074765.D
Acq: 07 Nov 2022 17:01

Tgt Ion: 75 Resp: 2572
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#

