

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100622\
 Data File : VD074472.D
 Acq On : 06 Oct 2022 18:00
 Operator : VA/SY
 Sample : N5014-09
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-09-2.0-3.0

Quant Time: Oct 07 01:27:17 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	86904	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	162301	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	151502	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	68215	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	41865	54.221	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.440%
35) Dibromofluoromethane	7.799	113	52028	48.614	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.220%
50) Toluene-d8	10.269	98	158179	40.810	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	81.620%
62) 4-Bromofluorobenzene	12.569	95	57933	47.669	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.340%

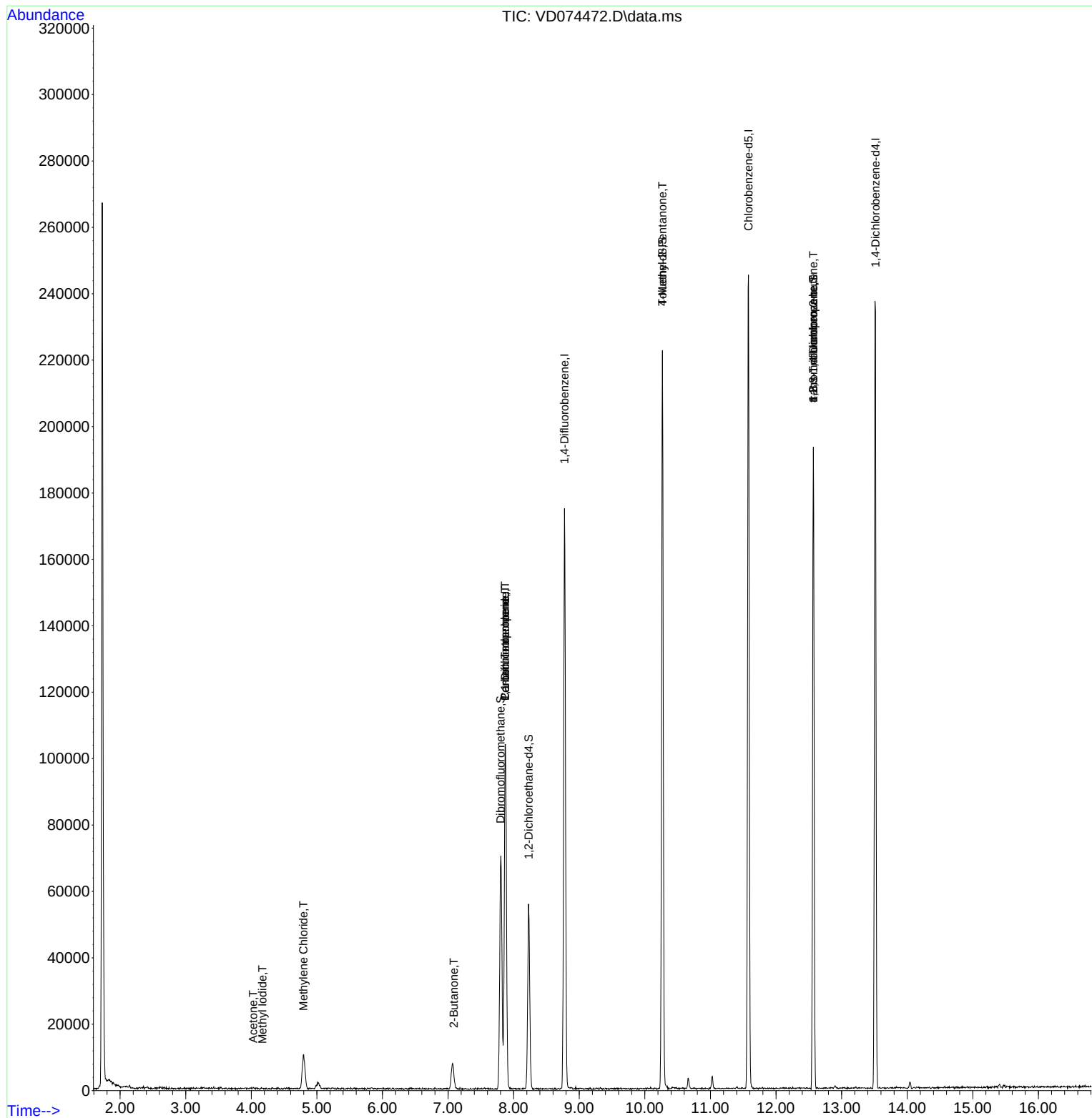
Target Compounds					Qvalue	
10) Methyl Iodide	4.169	142	193	5.944	ug/l #	43
11) Tert butyl alcohol	5.010	59	1787	Below Cal	#	84
16) Acetone	4.028	43	142	12.607	ug/l #	37
20) Methylene Chloride	4.793	84	9182	2.812	ug/l	93
25) 2-Butanone	7.087	43	383	1.729	ug/l #	42
36) 1,1-Dichloropropene	7.869	75	6506	4.331	ug/l #	44
38) Carbon Tetrachloride	7.869	117	8324	6.253	ug/l #	19
51) 4-Methyl-2-Pentanone	10.269	43	493	1.054	ug/l #	1
76) 1,2,3-Trichloropropane	12.569	75	29223	55.807	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.569	75	29223	124.512	ug/l #	17

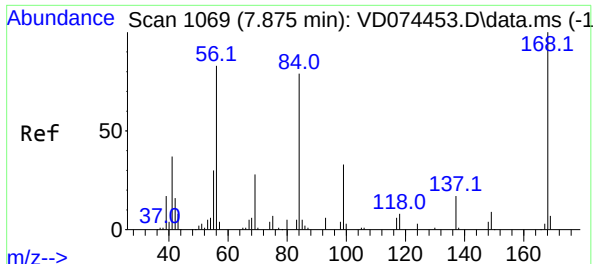
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100622\
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Misc : 5.08G/5.00ml/MSVOA_D/SOIL
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SB-09-2.0-3.0

Quant Time: Oct 07 01:27:17 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

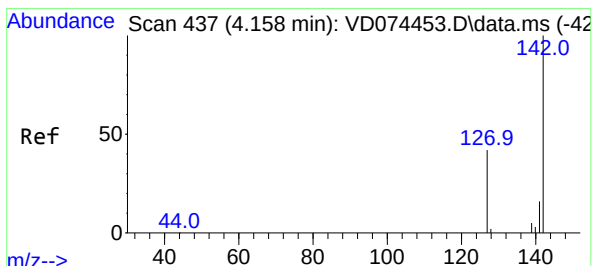
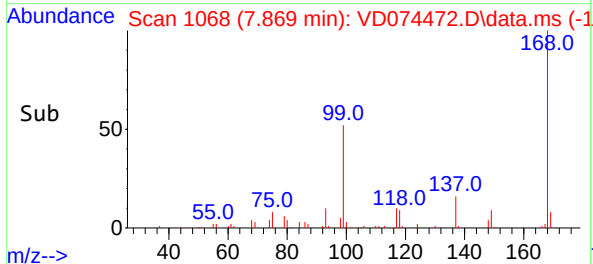
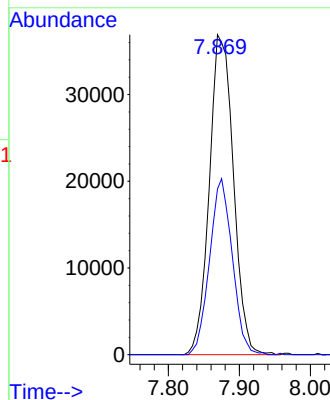
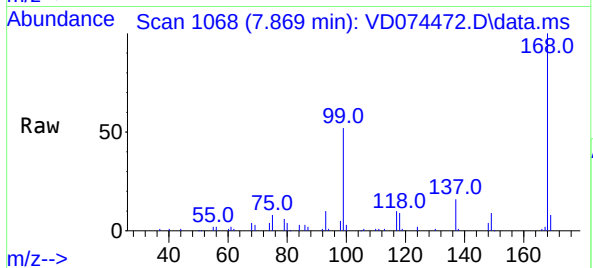




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD074472.D
Acq: 06 Oct 2022 18:00

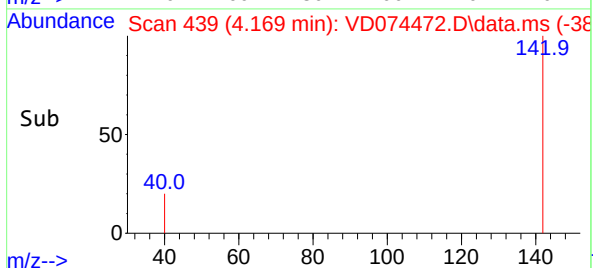
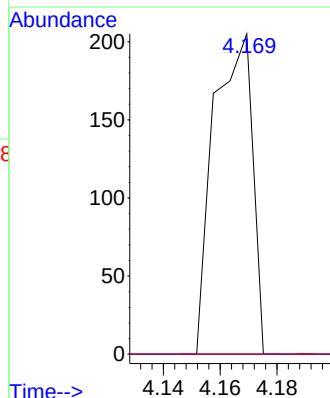
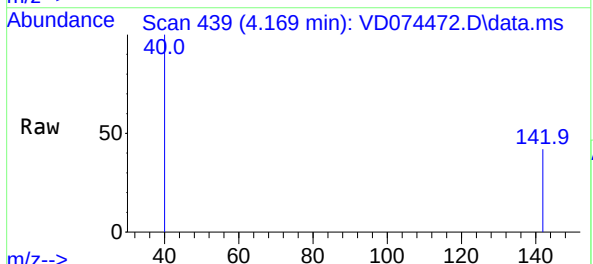
Instrument :
MSVOA_D
ClientSampleId :
SB-09-2.0-3.0

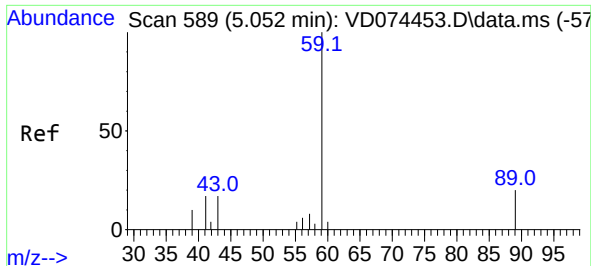
Tgt Ion:168 Resp: 86904
Ion Ratio Lower Upper
168 100
99 51.7 40.9 61.3



#10
Methyl Iodide
Concen: 5.944 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.011 min
Lab File: VD074472.D
Acq: 06 Oct 2022 18:00

Tgt Ion:142 Resp: 193
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.010 min Scan# 51

Delta R.T. -0.042 min

Lab File: VD074472.D

Acq: 06 Oct 2022 18:00

Instrument :

MSVOA_D

ClientSampleId :

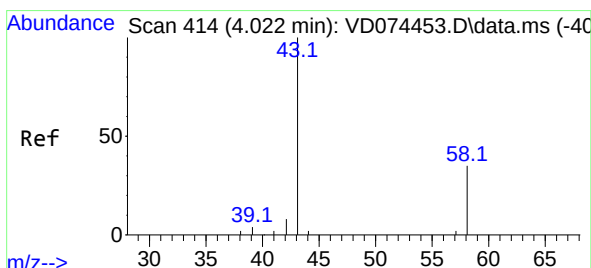
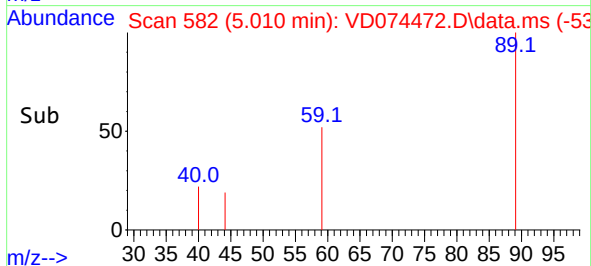
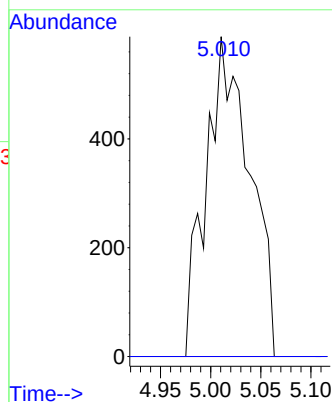
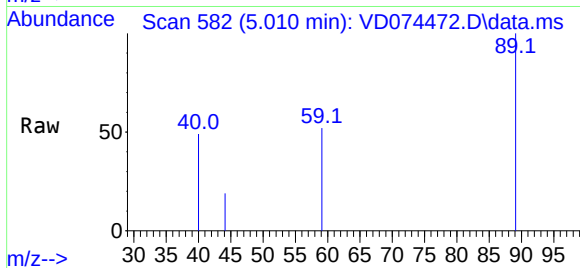
SB-09-2.0-3.0

Tgt Ion: 59 Resp: 1787

Ion Ratio Lower Upper

59 100

57 0.0 4.4 6.6#



#16

Acetone

Concen: 12.607 ug/l

RT: 4.028 min Scan# 415

Delta R.T. 0.006 min

Lab File: VD074472.D

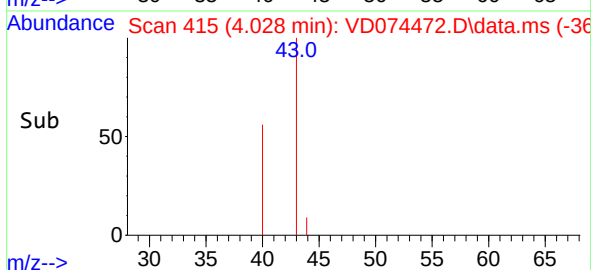
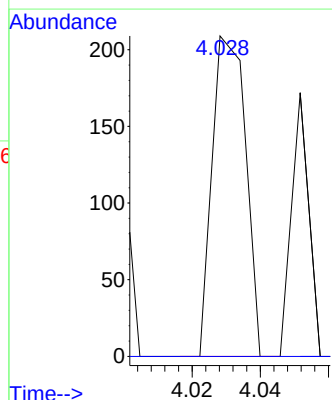
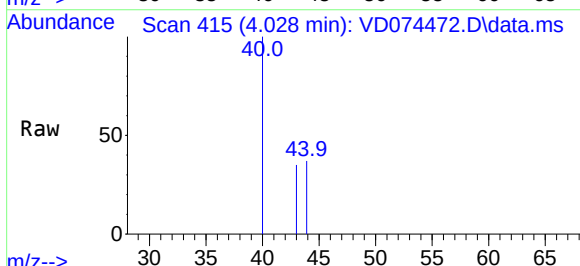
Acq: 06 Oct 2022 18:00

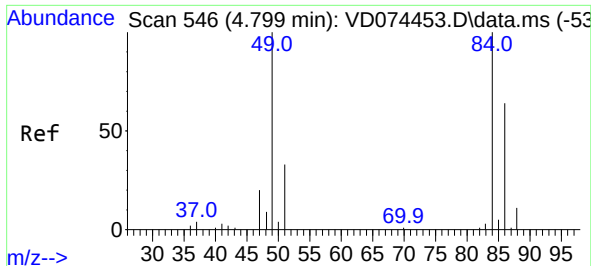
Tgt Ion: 43 Resp: 142

Ion Ratio Lower Upper

43 100

58 0.0 30.2 45.2#

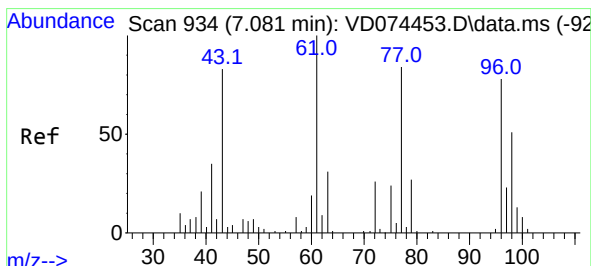
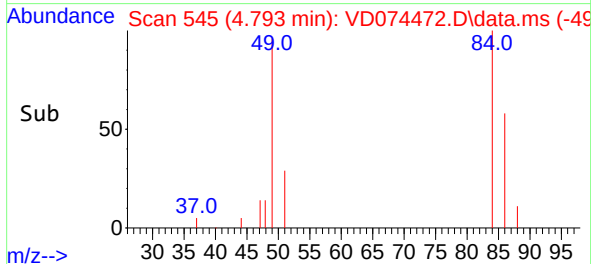
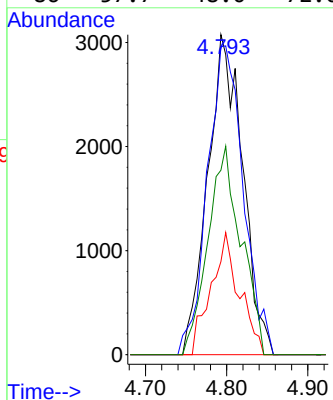
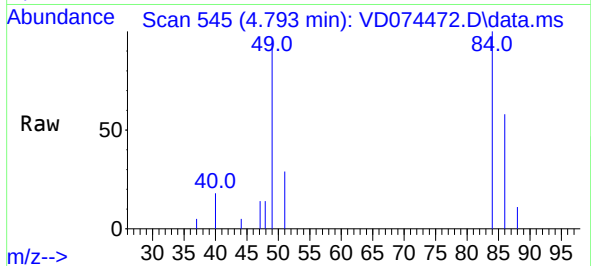




#20
Methylene Chloride
Concen: 2.812 ug/l
RT: 4.793 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD074472.D
Acq: 06 Oct 2022 18:00

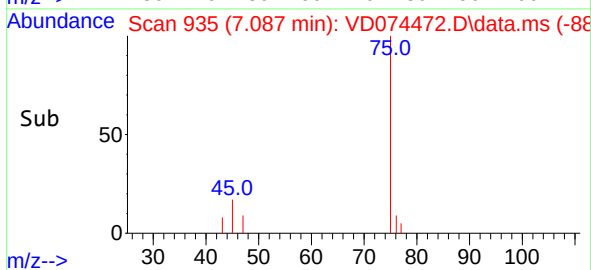
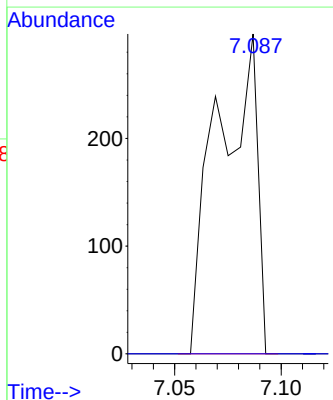
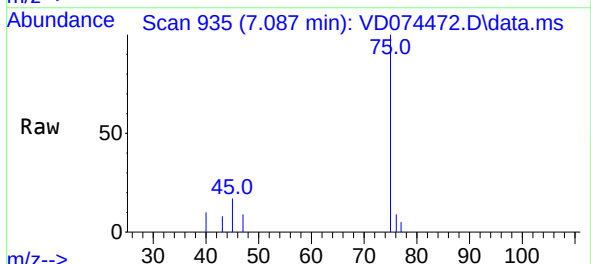
Instrument :
MSVOA_D
ClientSampleId :
SB-09-2.0-3.0

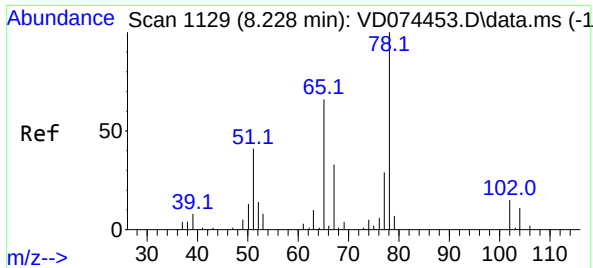
Tgt Ion: 84	Resp: 9182
Ion Ratio	Lower Upper
84 100	
49 96.2	68.0 102.0
51 29.1	23.2 34.8
86 57.7	48.0 72.0



#25
2-Butanone
Concen: 1.729 ug/l
RT: 7.087 min Scan# 935
Delta R.T. 0.006 min
Lab File: VD074472.D
Acq: 06 Oct 2022 18:00

Tgt Ion: 43	Resp:	383	
Ion	Ratio	Lower	Upper
43	100		
72	0.0	25.8	38.8#

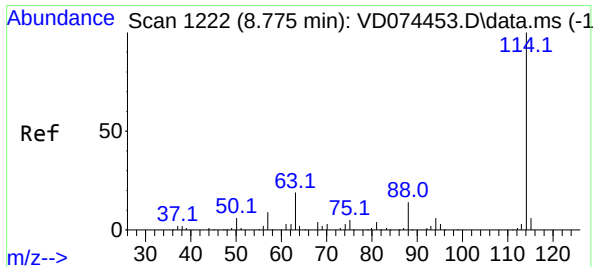
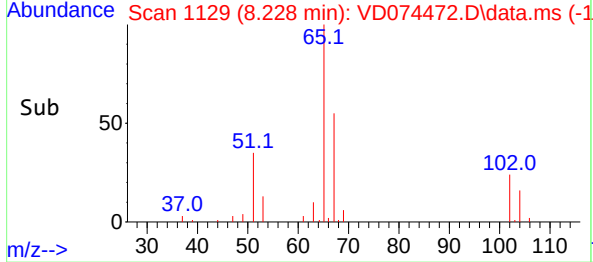
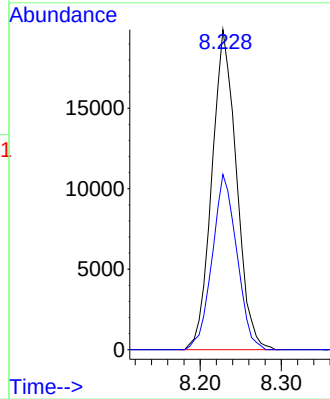
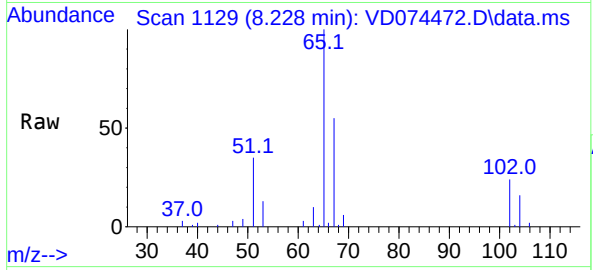




#33
1,2-Dichloroethane-d4
Concen: 54.221 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD074472.D
Acq: 06 Oct 2022 18:00

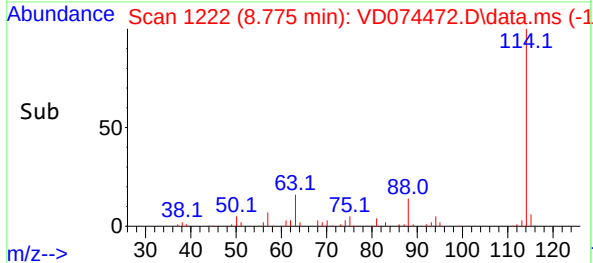
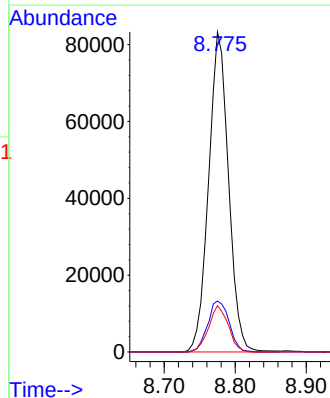
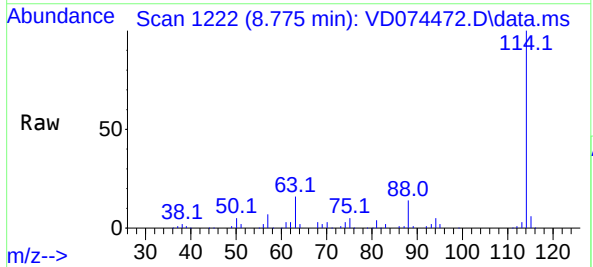
Instrument :
MSVOA_D
ClientSampleId :
SB-09-2.0-3.0

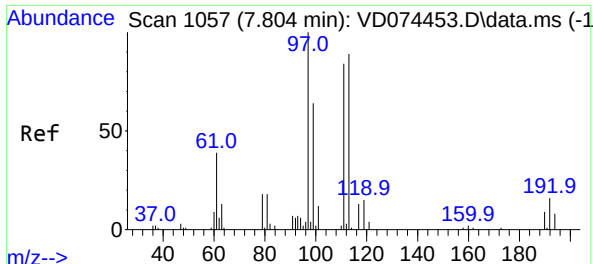
Tgt Ion: 65 Resp: 41865
Ion Ratio Lower Upper
65 100
67 54.8 0.0 110.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD074472.D
Acq: 06 Oct 2022 18:00

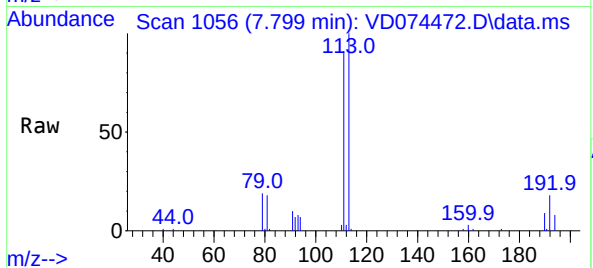
Tgt Ion: 114 Resp: 162301
Ion Ratio Lower Upper
114 100
63 15.9 0.0 33.2
88 14.4 0.0 28.2



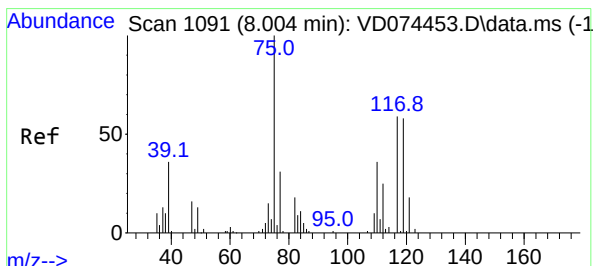
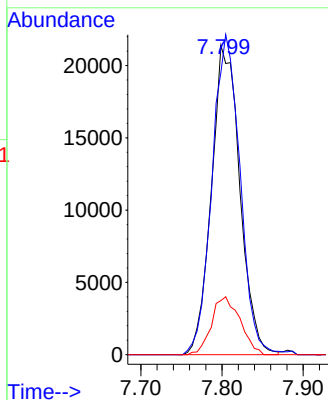
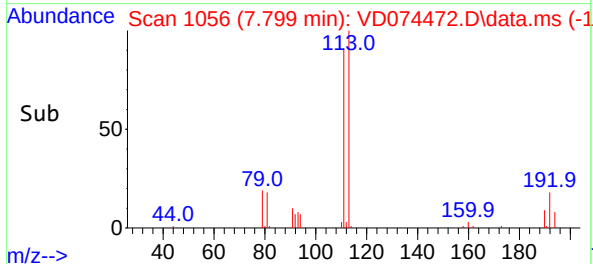


#35
Dibromofluoromethane
Concen: 48.614 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VD074472.D
Acq: 06 Oct 2022 18:00

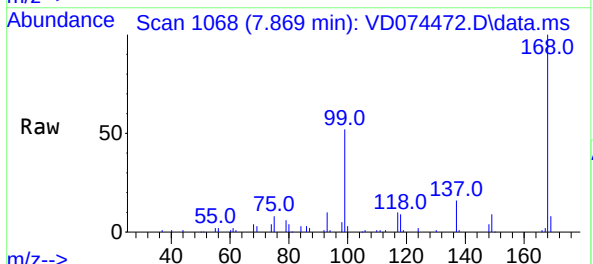
Instrument :
MSVOA_D
ClientSampleId :
SB-09-2.0-3.0



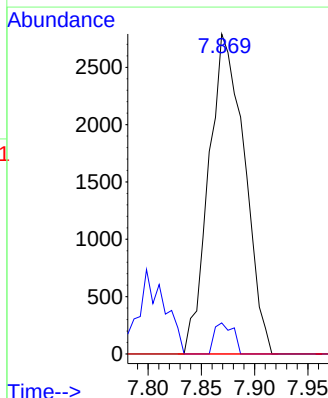
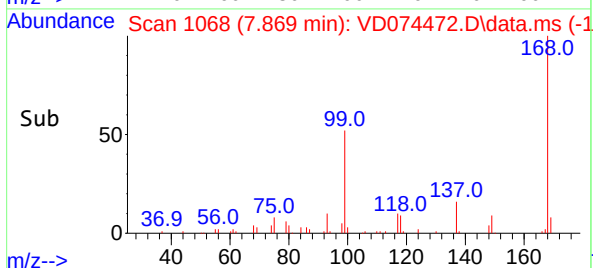
Tgt Ion:113 Resp: 52028
Ion Ratio Lower Upper
113 100
111 102.4 82.3 123.5
192 18.8 16.4 24.6

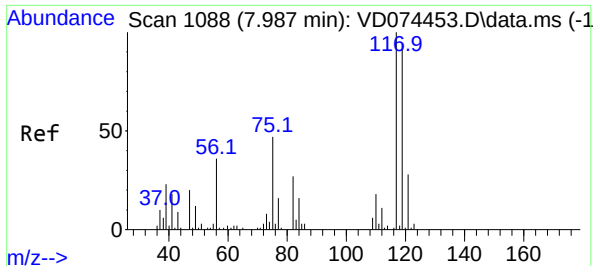


#36
1,1-Dichloropropene
Concen: 4.331 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.135 min
Lab File: VD074472.D
Acq: 06 Oct 2022 18:00



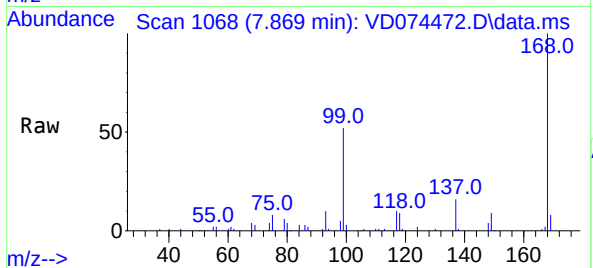
Tgt Ion: 75 Resp: 6506
Ion Ratio Lower Upper
75 100
110 5.1 19.7 59.0#
77 0.0 25.4 38.2#



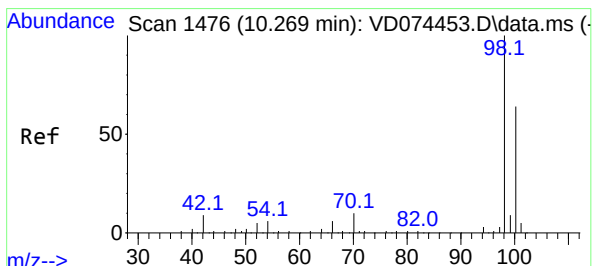
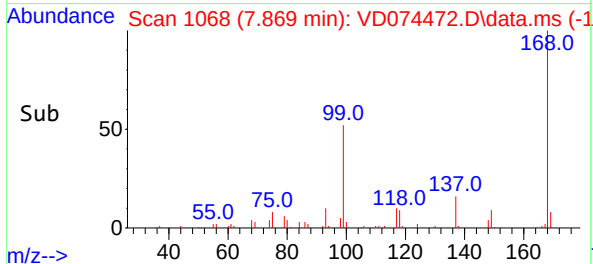
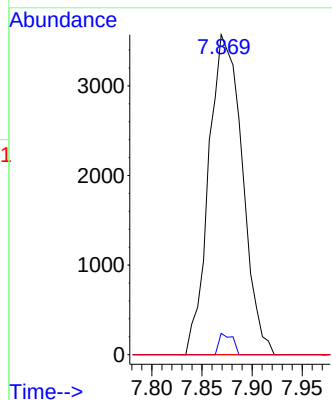


#38
Carbon Tetrachloride
Concen: 6.253 ug/l
RT: 7.869 min Scan# 1088
Delta R.T. -0.118 min
Lab File: VD074472.D
Acq: 06 Oct 2022 18:00

Instrument :
MSVOA_D
ClientSampleId :
SB-09-2.0-3.0

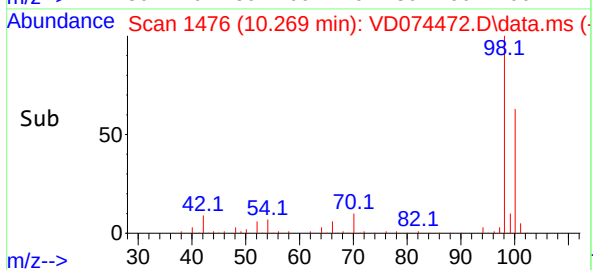
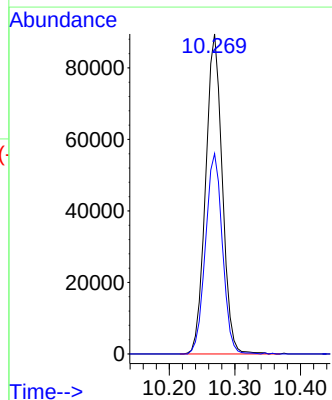
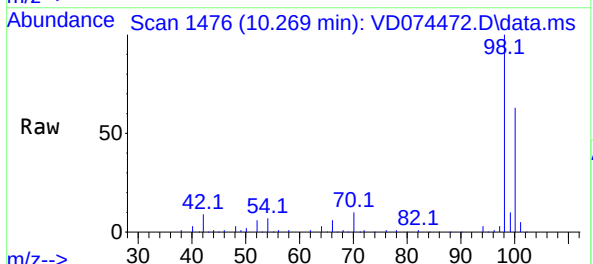


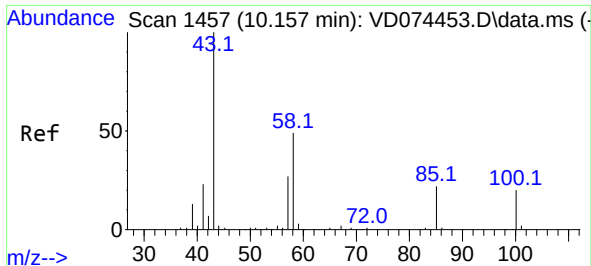
Tgt Ion:117 Resp: 8324
Ion Ratio Lower Upper
117 100
119 6.7 73.1 109.7#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 40.810 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074472.D
Acq: 06 Oct 2022 18:00

Tgt Ion: 98 Resp: 158179
Ion Ratio Lower Upper
98 100
100 63.6 51.4 77.0





#51

4-Methyl-2-Pentanone

Concen: 1.054 ug/l

RT: 10.269 min Scan# 1457

Delta R.T. 0.112 min

Lab File: VD074472.D

Acq: 06 Oct 2022 18:00

Instrument :

MSVOA_D

ClientSampleId :

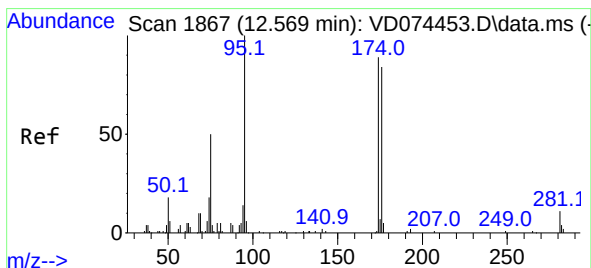
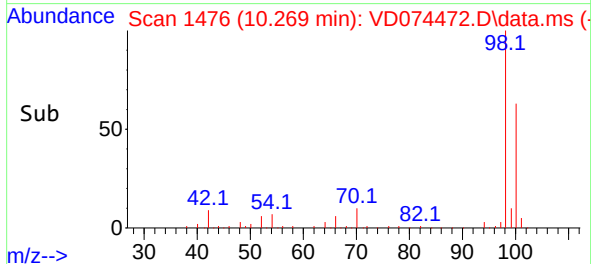
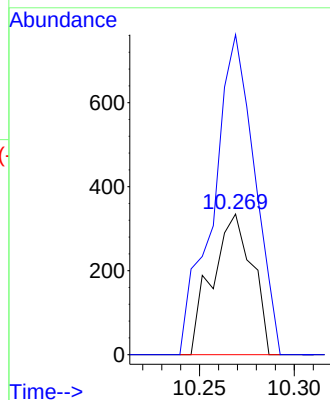
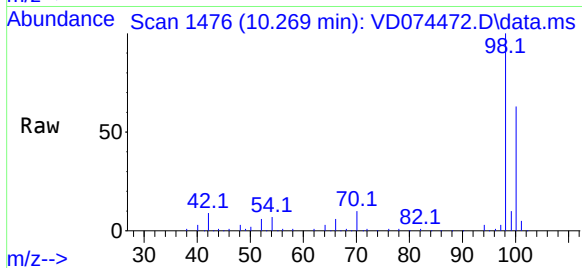
SB-09-2.0-3.0

Tgt Ion: 43 Resp: 493

Ion Ratio Lower Upper

43 100

58 235.3 37.8 56.6#



#62

4-Bromofluorobenzene

Concen: 47.669 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.000 min

Lab File: VD074472.D

Acq: 06 Oct 2022 18:00

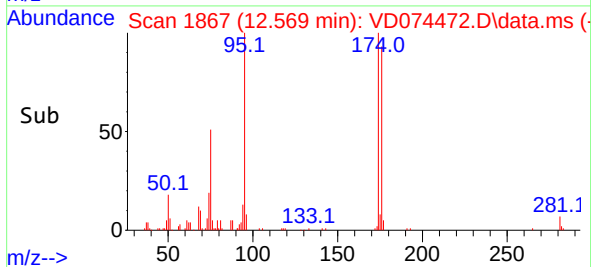
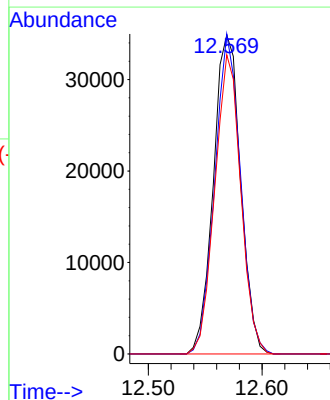
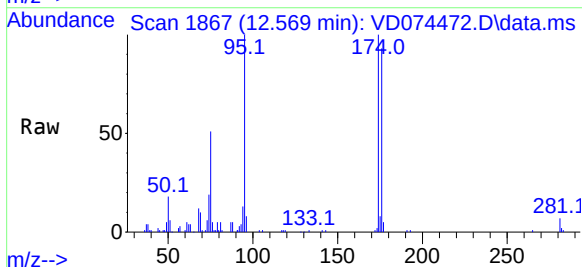
Tgt Ion: 95 Resp: 57933

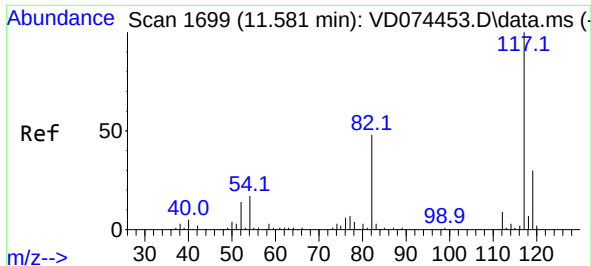
Ion Ratio Lower Upper

95 100

174 94.9 0.0 197.0

176 89.6 0.0 182.6

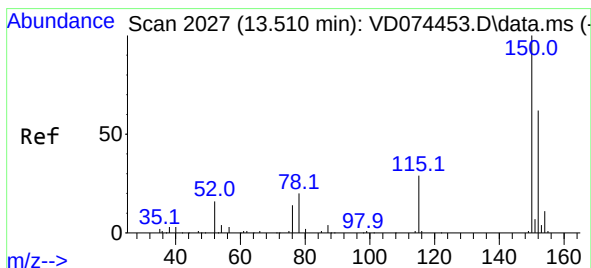
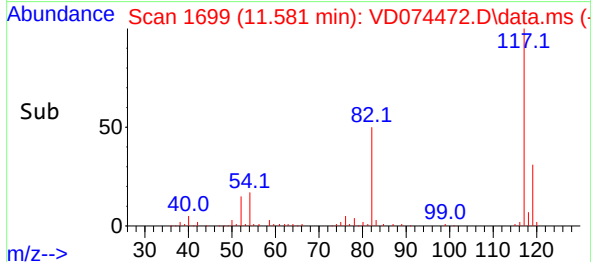
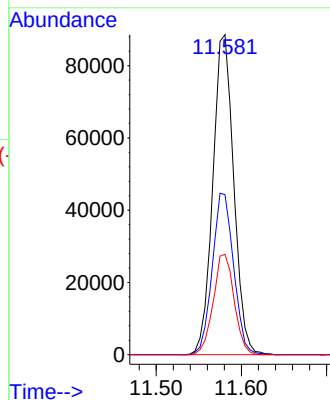
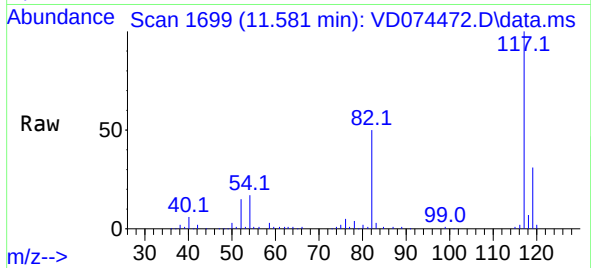




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074472.D
Acq: 06 Oct 2022 18:00

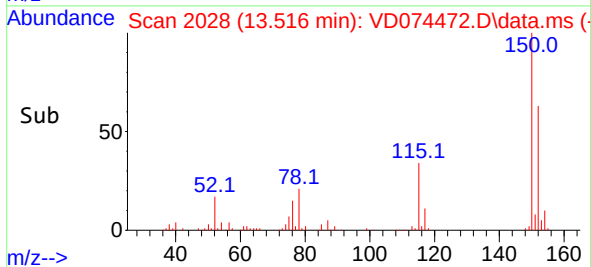
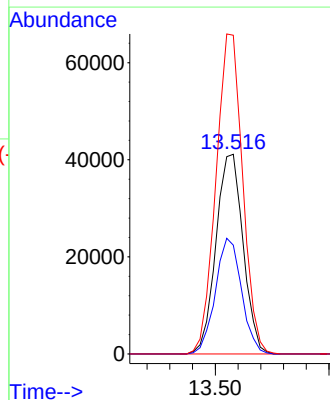
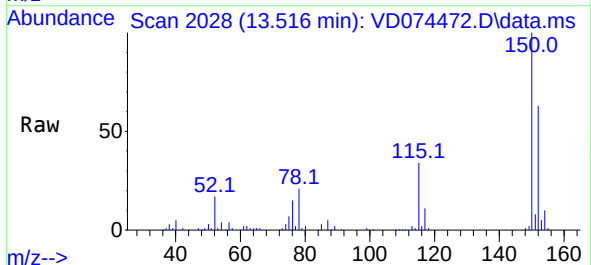
Instrument :
MSVOA_D
ClientSampleId :
SB-09-2.0-3.0

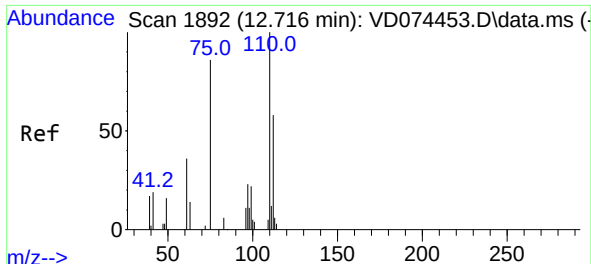
Tgt Ion:117 Resp: 151502
Ion Ratio Lower Upper
117 100
82 50.0 41.6 62.4
119 31.3 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD074472.D
Acq: 06 Oct 2022 18:00

Tgt Ion:152 Resp: 68215
Ion Ratio Lower Upper
152 100
115 55.8 26.8 80.4
150 157.7 0.0 348.2

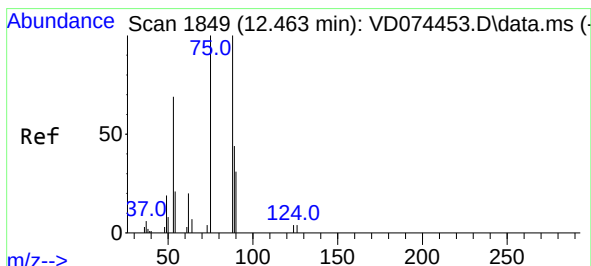
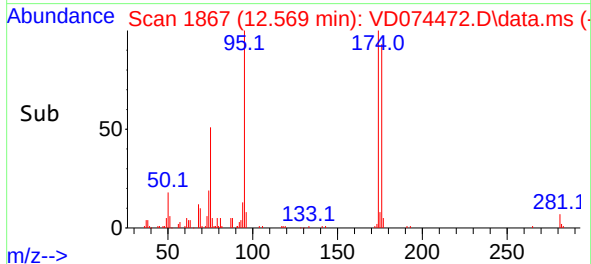
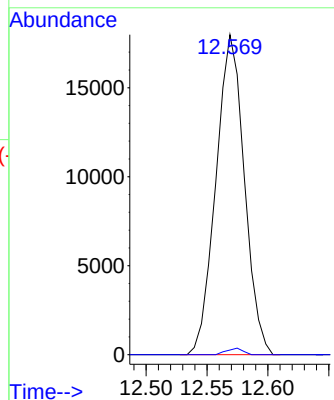
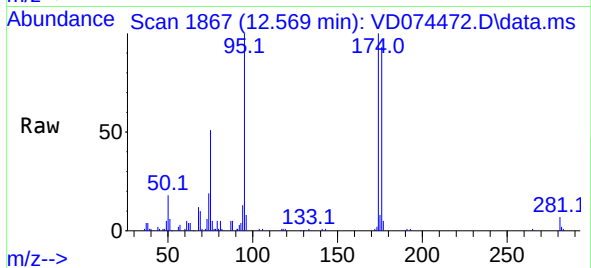




#76
1,2,3-Trichloropropane
Concen: 55.807 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.147 min
Lab File: VD074472.D
Acq: 06 Oct 2022 18:00

Instrument :
MSVOA_D
ClientSampleId :
SB-09-2.0-3.0

Tgt Ion: 75 Resp: 29223
Ion Ratio Lower Upper
75 100
77 1.2 185.8 557.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 124.512 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.106 min
Lab File: VD074472.D
Acq: 06 Oct 2022 18:00

Tgt Ion: 75 Resp: 29223
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#

