

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061923\
 Data File : VD076472.D
 Acq On : 19 Jun 2023 16:12
 Operator : KP/SY
 Sample : 03289-01
 Misc : 5.01G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-01-0-2.0

Quant Time: Jun 20 05:25:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

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

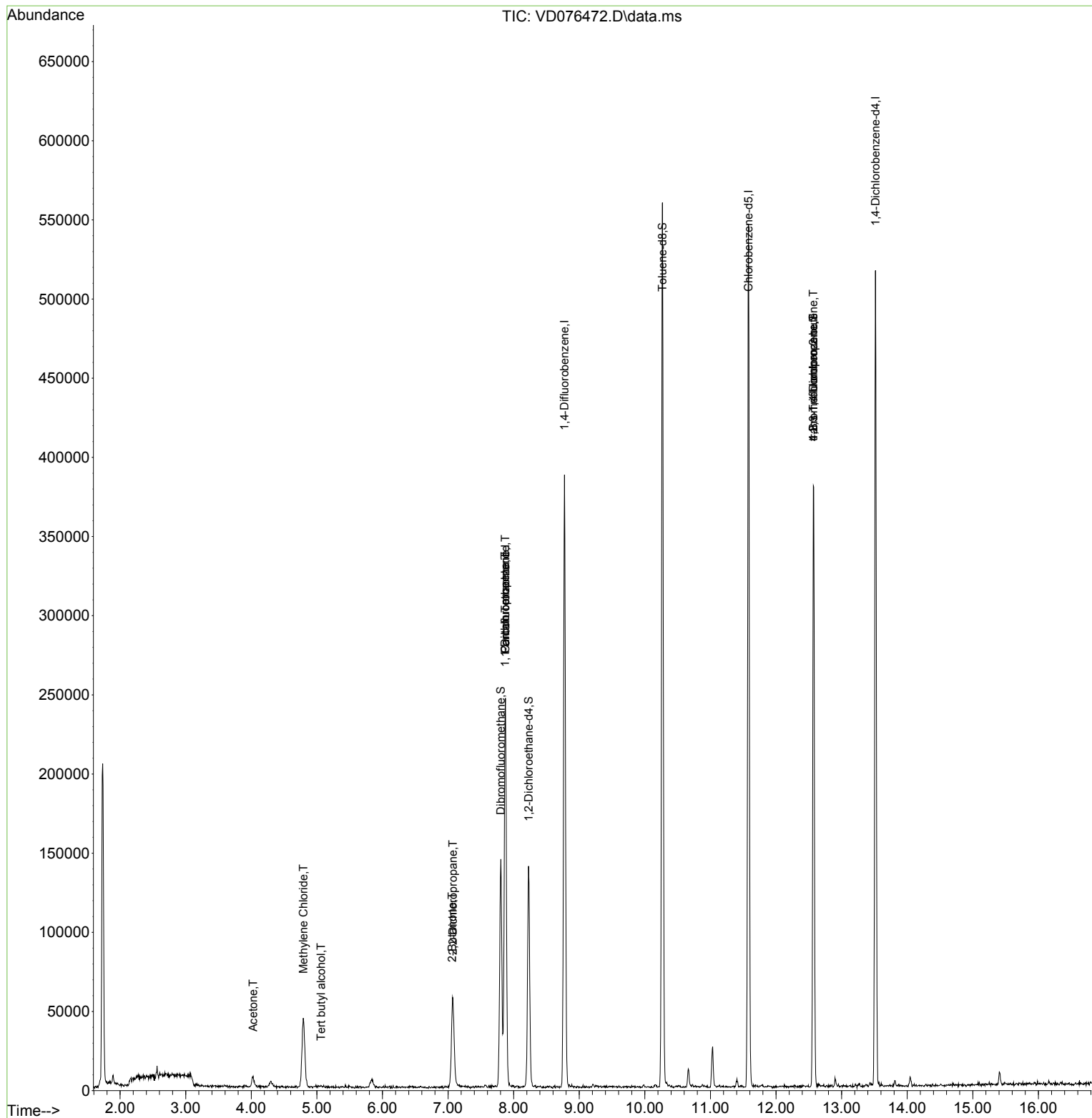
Internal Standards						
1) Pentafluorobenzene	7.875	168	197411	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	337585	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	306981	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	136351	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	99823	50.469	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.940%			
35) Dibromofluoromethane	7.804	113	101099	50.411	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.820%			
50) Toluene-d8	10.269	98	379946	49.955	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.920%			
62) 4-Bromofluorobenzene	12.569	95	115321	46.719	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 93.440%			
Target Compounds			Qvalue			
11) Tert butyl alcohol	5.063	59	711	4.163	ug/l #	73
16) Acetone	4.028	43	10677	22.685	ug/l	87
20) Methylene Chloride	4.793	84	30700	4.581	ug/l #	81
25) 2-Butanone	7.063	43	1863	2.559	ug/l #	71
26) 2,2-Dichloropropane	7.075	77	4095	1.191	ug/l #	49
28) Bromochloromethane	7.563	49	254	Below Cal	#	1
36) 1,1-Dichloropropene	7.869	75	15685	5.585	ug/l #	48
38) Carbon Tetrachloride	7.875	117	18540	7.386	ug/l #	17
76) 1,2,3-Trichloropropane	12.569	75	61322	45.315	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	61322	99.295	ug/l #	17

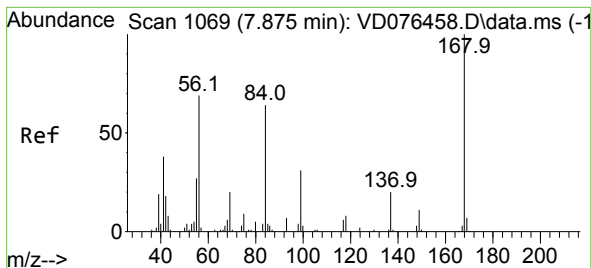
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061923\
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Misc : 5.01G/5.0ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-01-0-2.0

Quant Time: Jun 20 05:25:59 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
Quant Title : SW846 8260
QLast Update : Mon Jun 19 04:51:45 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD076472.D

Acq: 19 Jun 2023 16:12

Instrument :

MSVOA_D

ClientSampleId :

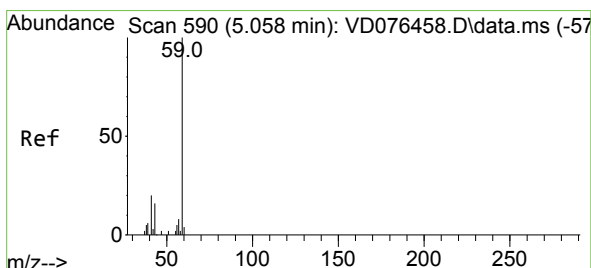
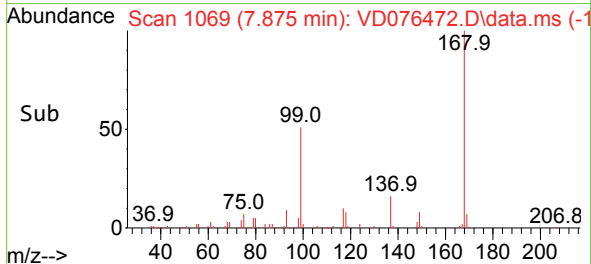
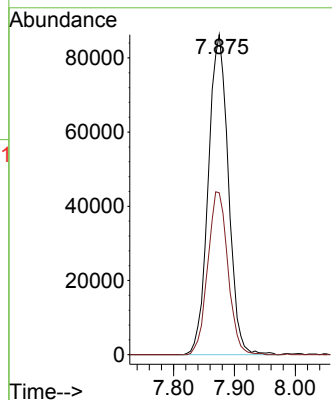
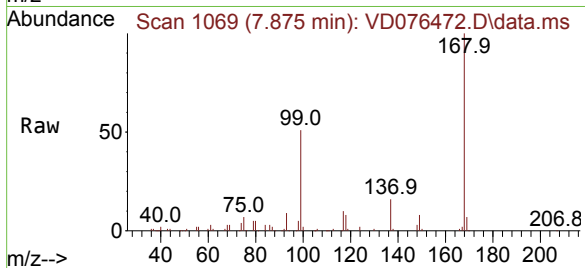
SB-01-0-2.0

Tgt Ion:168 Resp: 197411

Ion Ratio Lower Upper

168 100

99 50.6 36.7 55.1



#11

Tert butyl alcohol

Concen: 4.163 ug/l

RT: 5.063 min Scan# 591

Delta R.T. 0.006 min

Lab File: VD076472.D

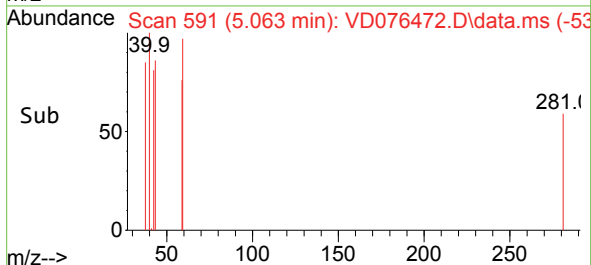
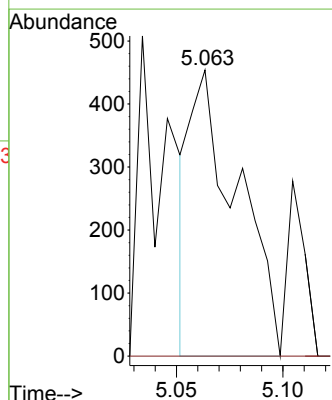
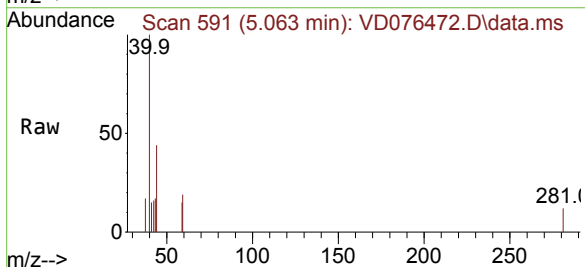
Acq: 19 Jun 2023 16:12

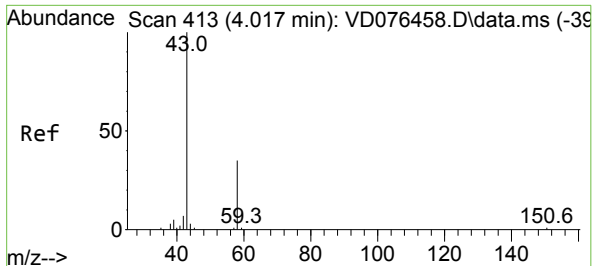
Tgt Ion: 59 Resp: 711

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#

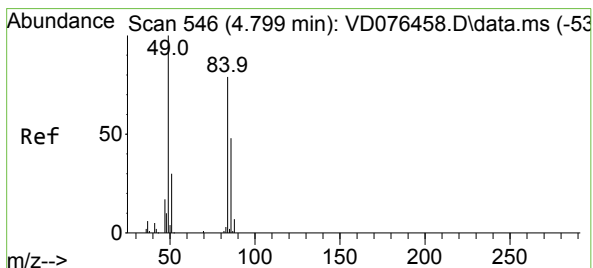
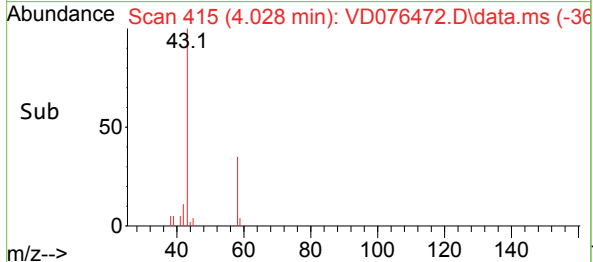
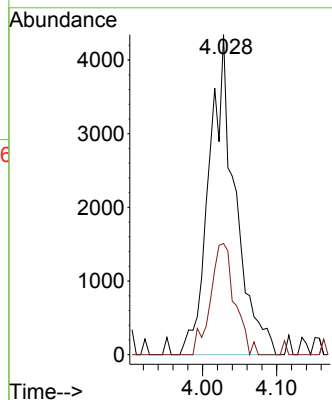
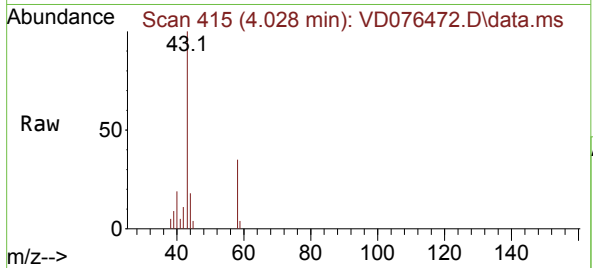




#16
Acetone
Concen: 22.685 ug/l
RT: 4.028 min Scan# 41
Delta R.T. 0.012 min
Lab File: VD076472.D
Acq: 19 Jun 2023 16:12

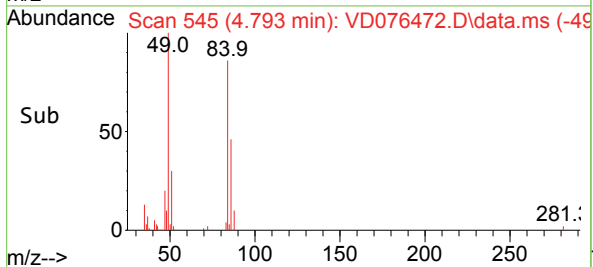
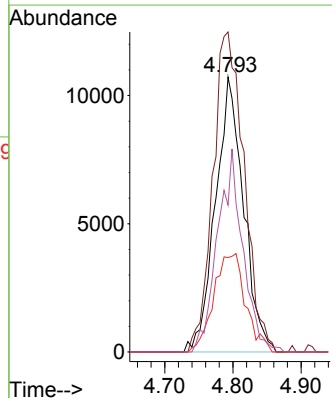
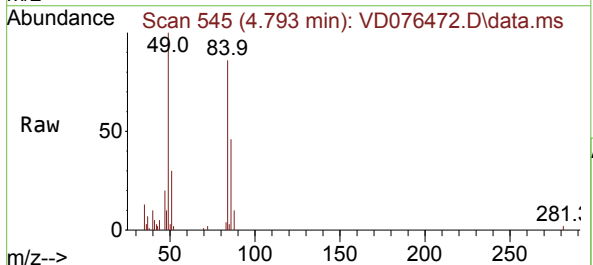
Instrument :
MSVOA_D
ClientSampleId :
SB-01-0-2.0

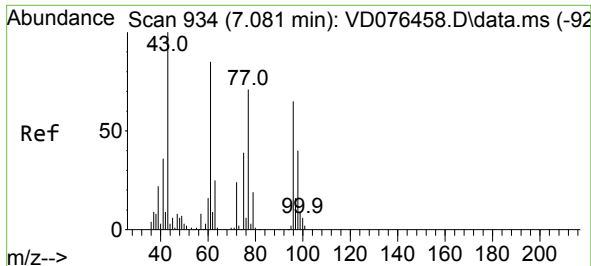
Tgt Ion: 43 Resp: 10677
Ion Ratio Lower Upper
43 100
58 34.8 34.7 52.1



#20
Methylene Chloride
Concen: 4.581 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD076472.D
Acq: 19 Jun 2023 16:12

Tgt Ion: 84 Resp: 30700
Ion Ratio Lower Upper
84 100
49 116.4 71.4 107.2#
51 34.4 24.5 36.7
86 53.4 48.7 73.1

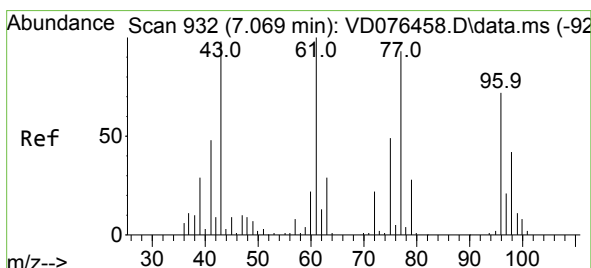
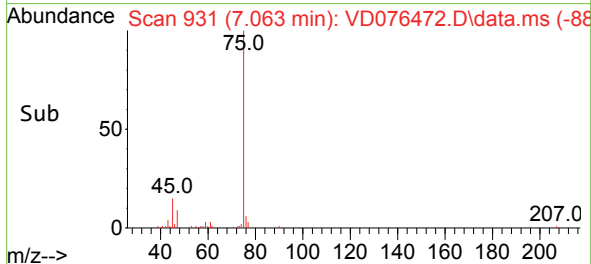
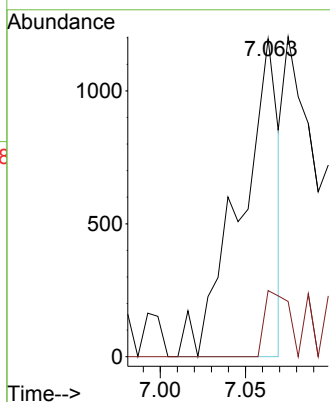
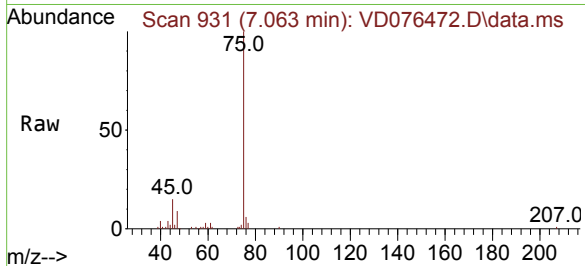




#25
2-Butanone
Concen: 2.559 ug/l
RT: 7.063 min Scan# 91
Delta R.T. -0.018 min
Lab File: VD076472.D
Acq: 19 Jun 2023 16:12

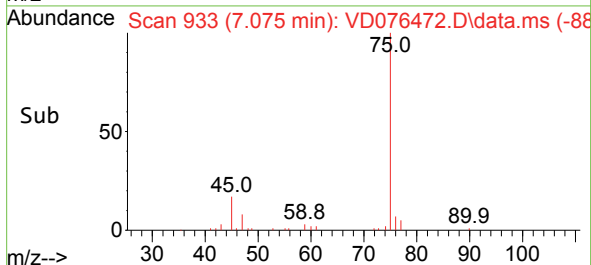
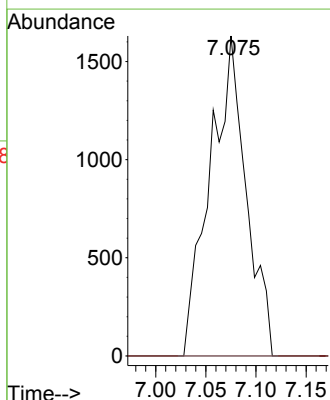
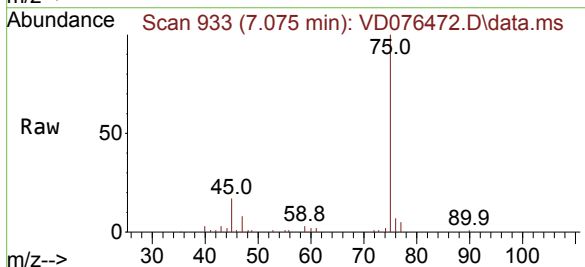
Instrument :
MSVOA_D
ClientSampleId :
SB-01-0-2.0

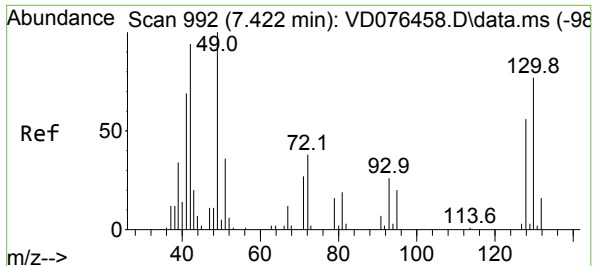
Tgt Ion: 43 Resp: 1863
Ion Ratio Lower Upper
43 100
72 20.8 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 1.191 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.006 min
Lab File: VD076472.D
Acq: 19 Jun 2023 16:12

Tgt Ion: 77 Resp: 4095
Ion Ratio Lower Upper
77 100
97 0.0 13.2 39.6#

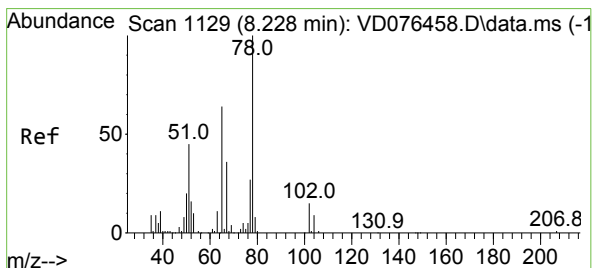
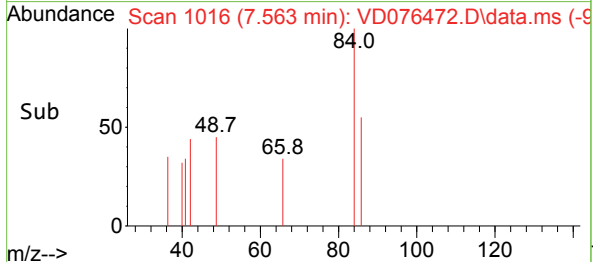
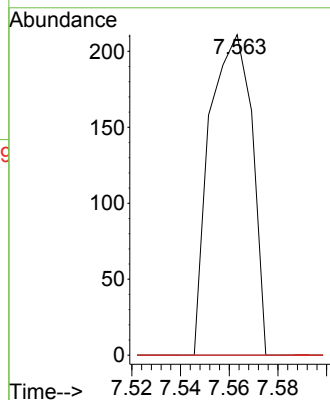
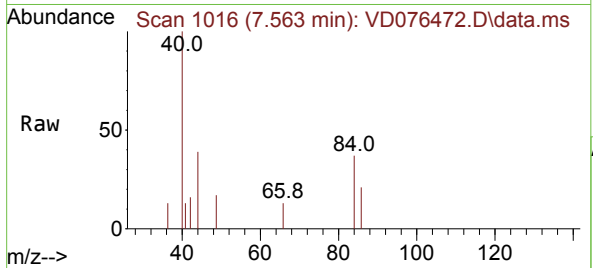




#28
Bromochloromethane
Concen: Below Cal
RT: 7.563 min Scan# 1016
Delta R.T. 0.141 min
Lab File: VD076472.D
Acq: 19 Jun 2023 16:12

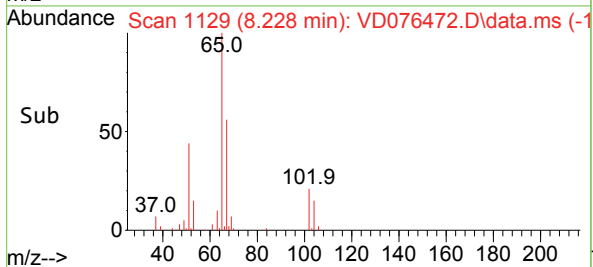
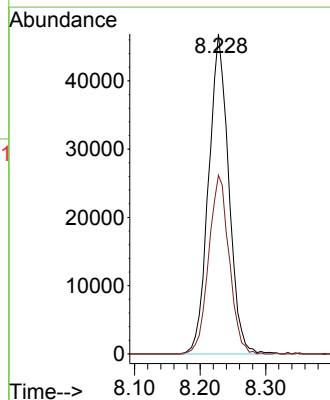
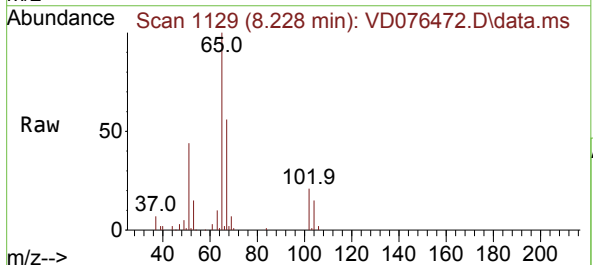
Instrument :
MSVOA_D
ClientSampleId :
SB-01-0-2.0

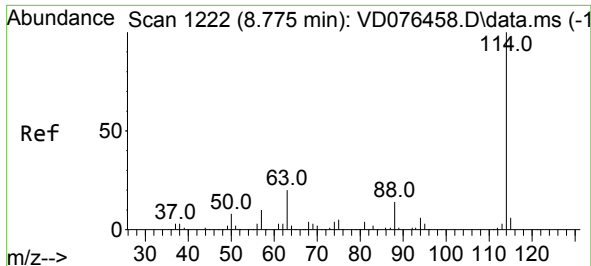
Tgt Ion: 49 Resp: 254
Ion Ratio Lower Upper
49 100
129 0.0 0.0 6.0
130 0.0 83.2 124.8#



#33
1,2-Dichloroethane-d4
Concen: 50.469 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076472.D
Acq: 19 Jun 2023 16:12

Tgt Ion: 65 Resp: 99823
Ion Ratio Lower Upper
65 100
67 56.8 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD076472.D

Acq: 19 Jun 2023 16:12

Instrument :

MSVOA_D

ClientSampleId :

SB-01-0-2.0

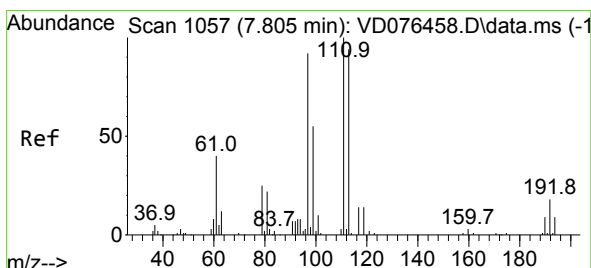
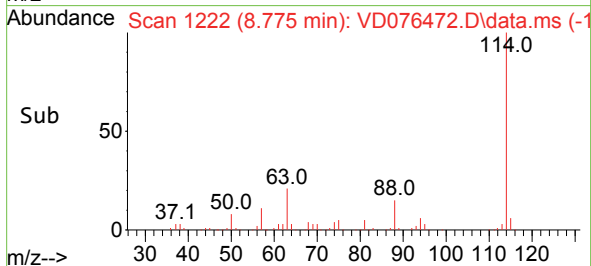
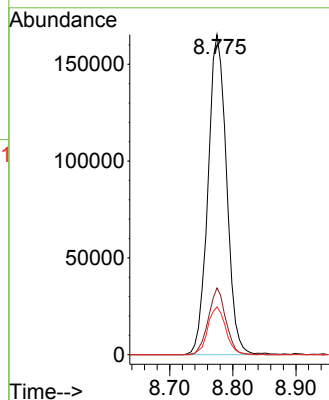
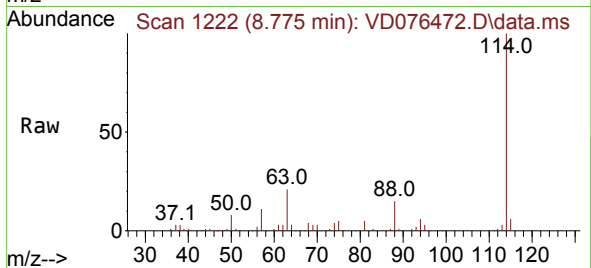
Tgt Ion:114 Resp: 337585

Ion Ratio Lower Upper

114 100

63 20.9 0.0 33.4

88 14.9 0.0 26.2



#35

Dibromofluoromethane

Concen: 50.411 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076472.D

Acq: 19 Jun 2023 16:12

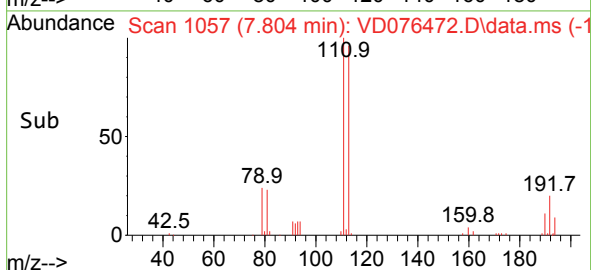
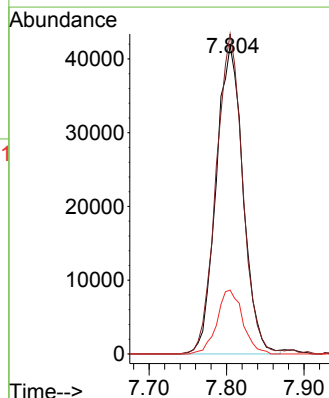
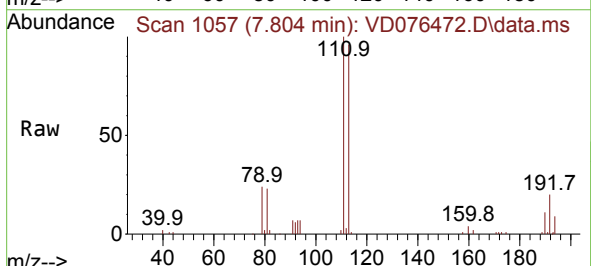
Tgt Ion:113 Resp: 101099

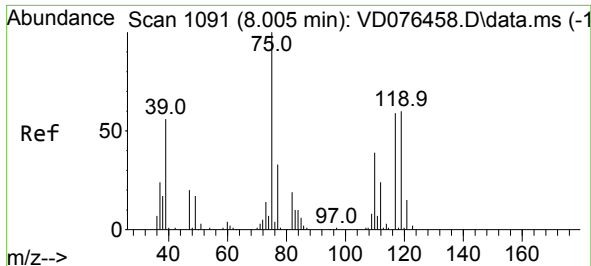
Ion Ratio Lower Upper

113 100

111 102.1 84.7 127.1

192 19.7 16.8 25.2





#36

1,1-Dichloropropene

Concen: 5.585 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.135 min

Lab File: VD076472.D

Acq: 19 Jun 2023 16:12

Instrument :

MSVOA_D

ClientSampleId :

SB-01-0-2.0

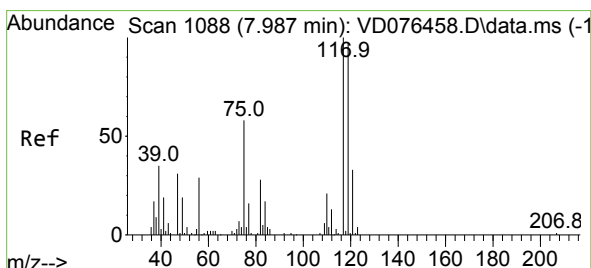
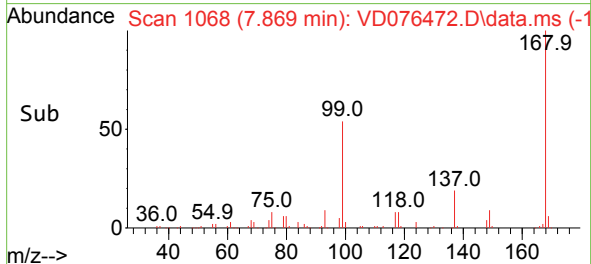
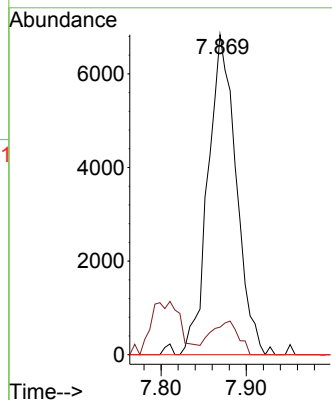
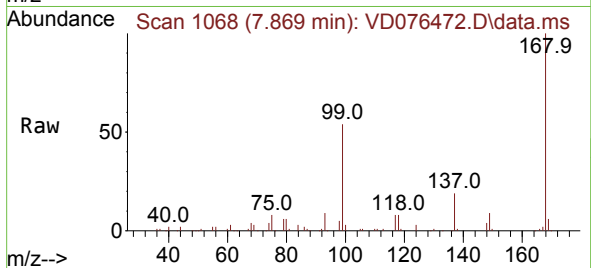
Tgt Ion: 75 Resp: 15685

Ion Ratio Lower Upper

75 100

110 10.1 19.9 59.6#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 7.386 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.112 min

Lab File: VD076472.D

Acq: 19 Jun 2023 16:12

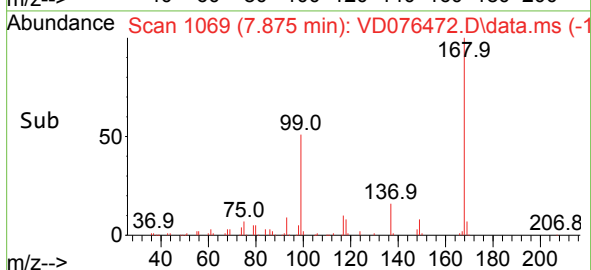
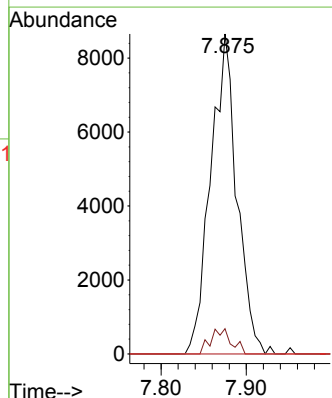
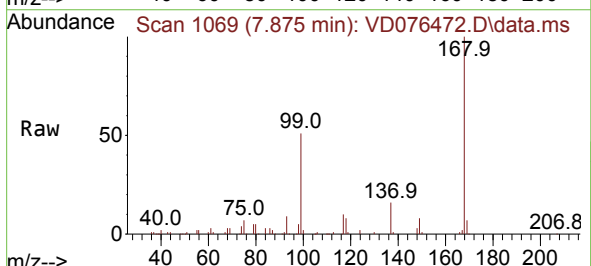
Tgt Ion: 117 Resp: 18540

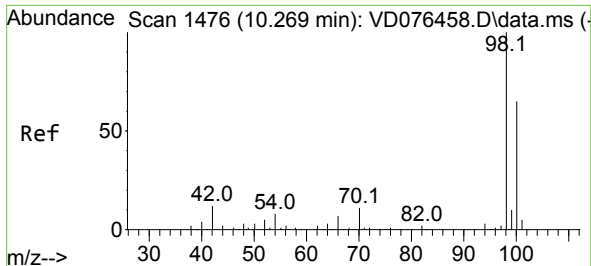
Ion Ratio Lower Upper

117 100

119 7.9 78.0 117.0#

121 0.0 24.2 36.2#

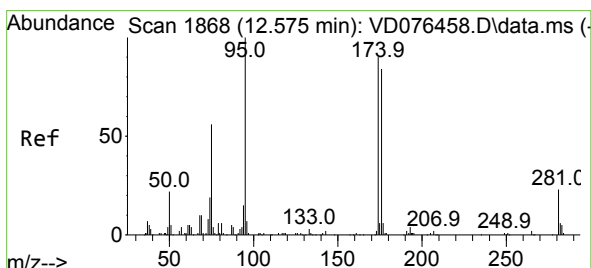
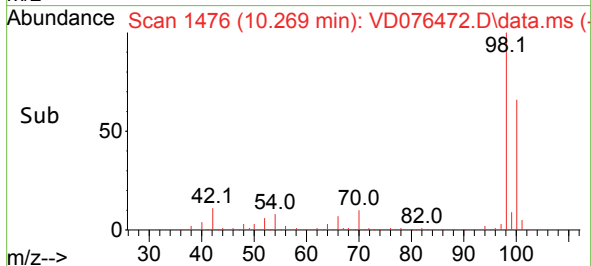
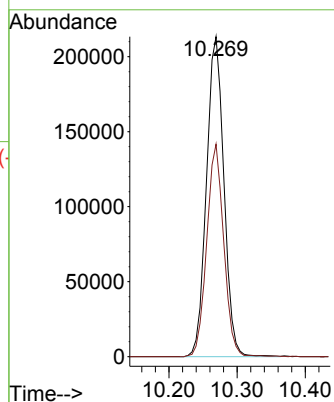
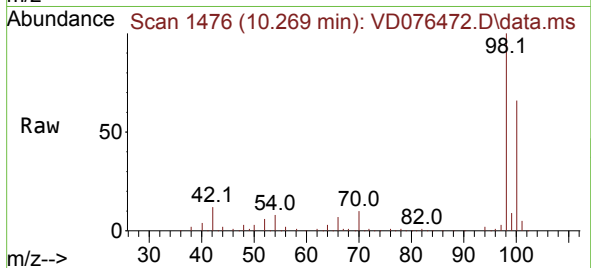




#50
Toluene-d8
Concen: 49.955 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076472.D
Acq: 19 Jun 2023 16:12

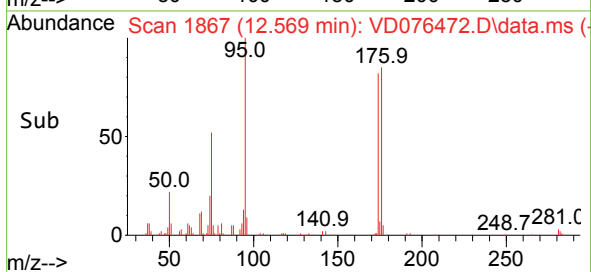
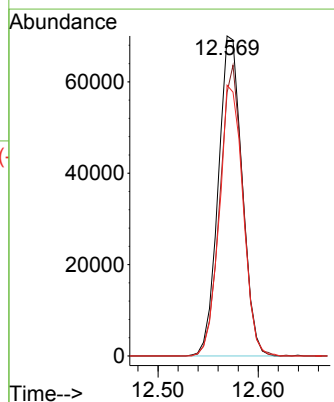
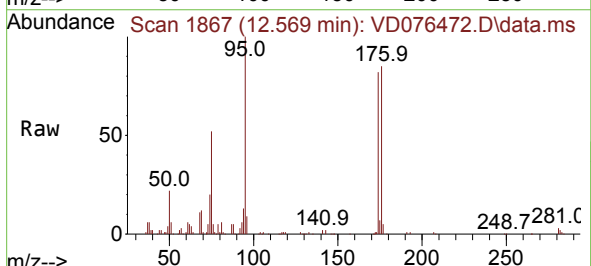
Instrument :
MSVOA_D
ClientSampleId :
SB-01-0-2.0

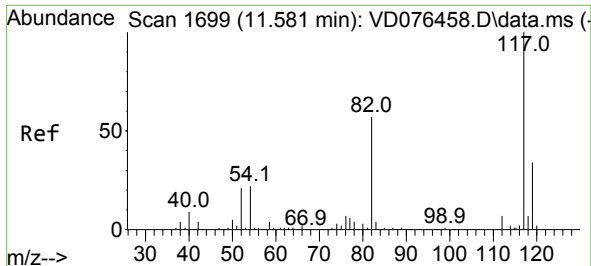
Tgt Ion: 98 Resp: 379946
Ion Ratio Lower Upper
98 100
100 64.8 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 46.719 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD076472.D
Acq: 19 Jun 2023 16:12

Tgt Ion: 95 Resp: 115321
Ion Ratio Lower Upper
95 100
174 87.8 0.0 201.8
176 84.5 0.0 191.8

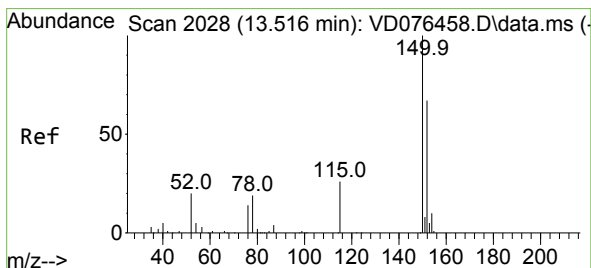
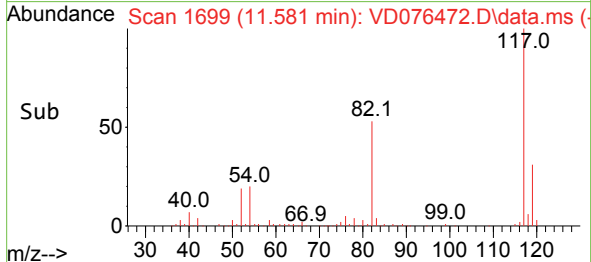
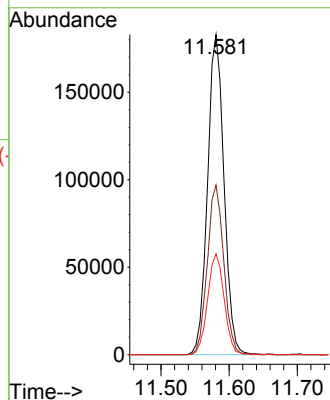
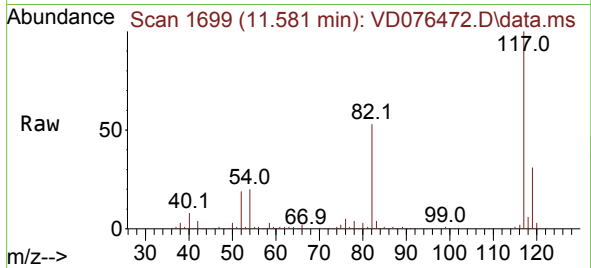




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076472.D
Acq: 19 Jun 2023 16:12

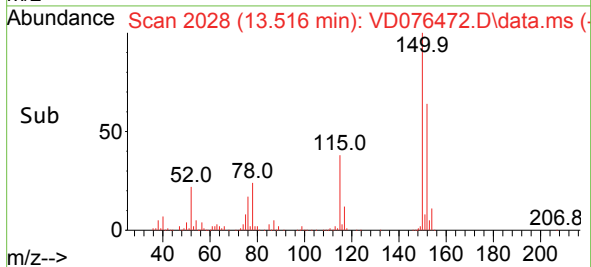
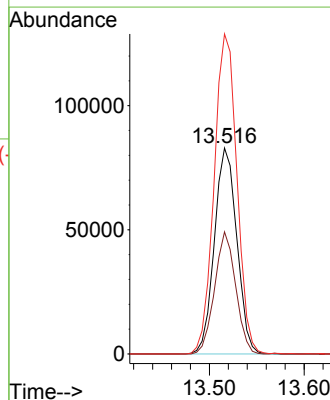
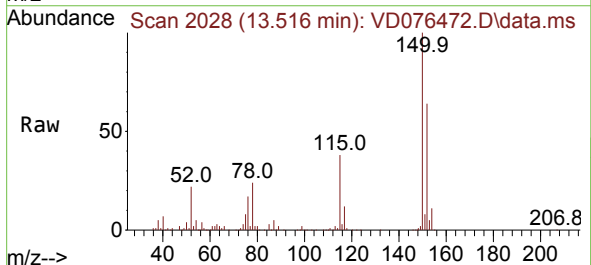
Instrument :
MSVOA_D
ClientSampleId :
SB-01-0-2.0

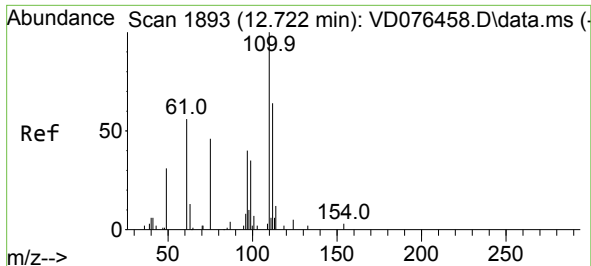
Tgt Ion:117 Resp: 306981
Ion Ratio Lower Upper
117 100
82 52.9 38.3 57.5
119 31.4 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD076472.D
Acq: 19 Jun 2023 16:12

Tgt Ion:152 Resp: 136351
Ion Ratio Lower Upper
152 100
115 55.7 27.1 81.3
150 157.7 0.0 353.6

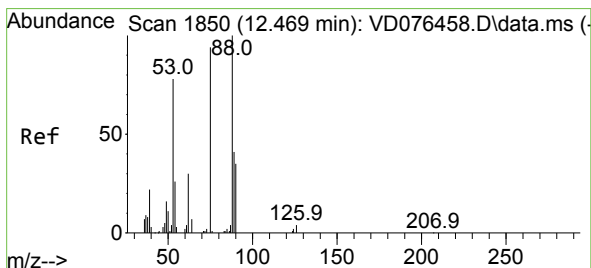
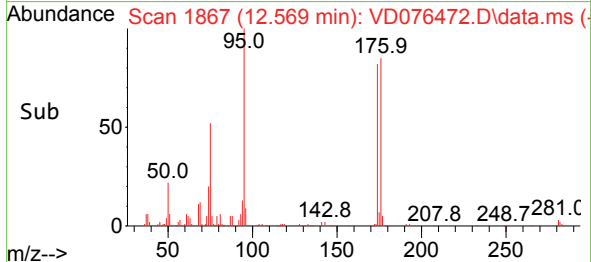
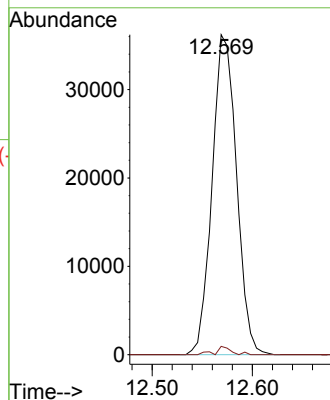
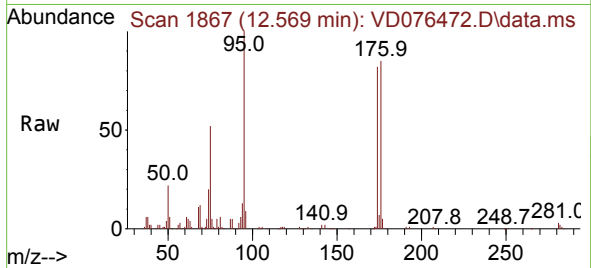




#76
1,2,3-Trichloropropane
Concen: 45.315 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD076472.D
Acq: 19 Jun 2023 16:12

Instrument :
MSVOA_D
ClientSampleId :
SB-01-0-2.0

Tgt Ion: 75 Resp: 61322
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 99.295 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD076472.D
Acq: 19 Jun 2023 16:12

Tgt Ion: 75 Resp: 61322
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.3 37.9 56.9#

