

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041223\
 Data File : VD075634.D
 Acq On : 12 Apr 2023 12:13
 Operator : KP/SY
 Sample : VD0412SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0412SBL01

Quant Time: Apr 13 07:24:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041023S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 12 10:29:09 2023
 Response via : Initial Calibration

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

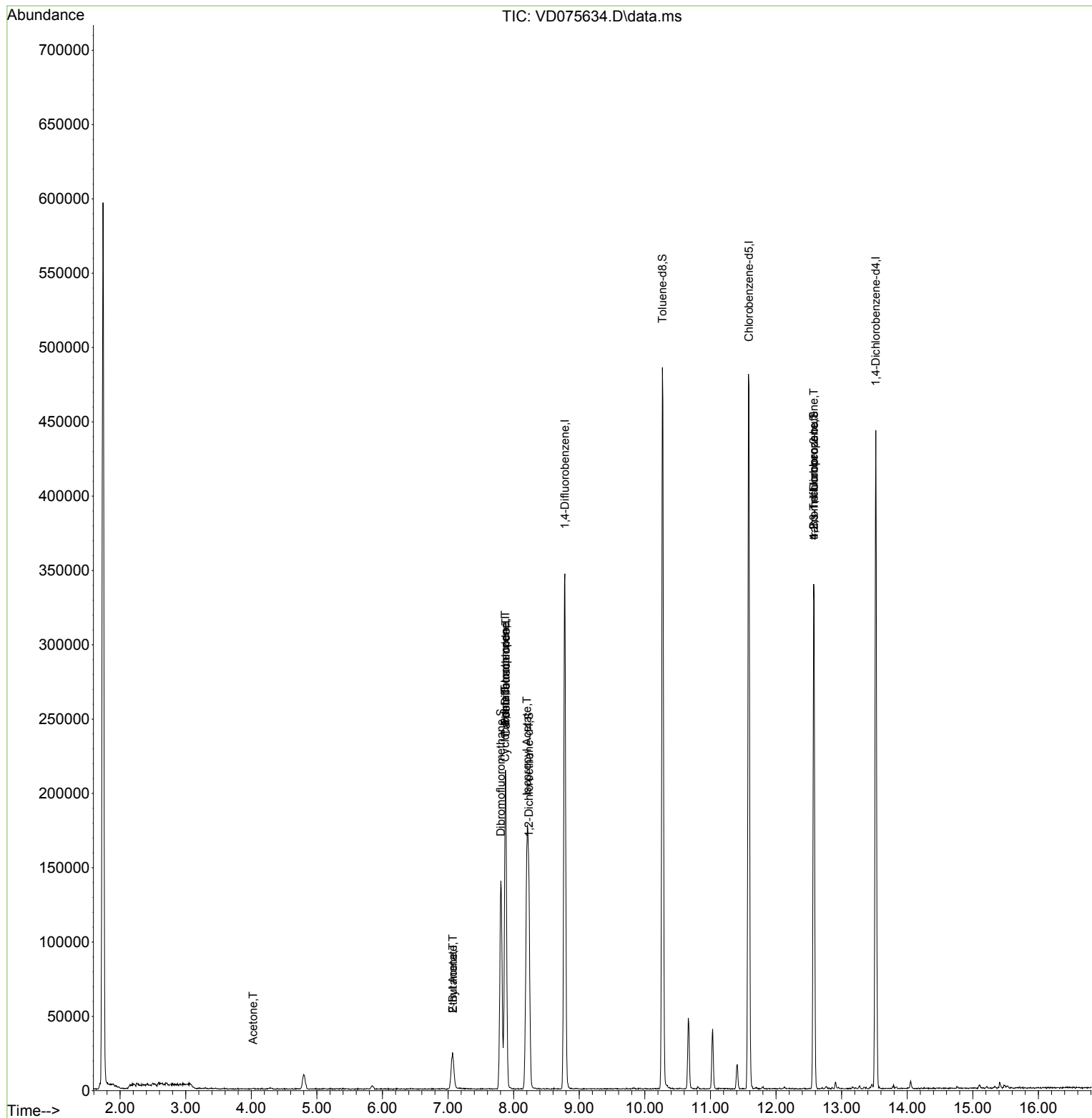
Internal Standards						
1) Pentafluorobenzene	7.875	168	174500	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	335972	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	304408	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	123844	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	88406	61.757	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.520%	
35) Dibromofluoromethane	7.804	113	106804	54.243	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.480%	
50) Toluene-d8	10.269	98	363268	47.037	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 94.080%	
62) 4-Bromofluorobenzene	12.575	95	106462	46.857	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 93.720%	
Target Compounds						
					Qvalue	
16) Acetone	4.028	43	600	2.300	ug/l #	44
20) Methylene Chloride	4.805	84	8851	Below Cal	#	65
25) 2-Butanone	7.075	43	907	2.679	ug/l #	50
31) Cyclohexane	7.869	56	3122	1.499	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	12348	4.910	ug/l #	50
37) Ethyl Acetate	7.075	43	907	1.200	ug/l #	80
38) Carbon Tetrachloride	7.881	117	16532	6.855	ug/l #	18
43) Isopropyl Acetate	8.204	43	2705	1.874	ug/l #	3
76) 1,2,3-Trichloropropane	12.575	75	53263	66.153	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	53263	125.949	ug/l #	5

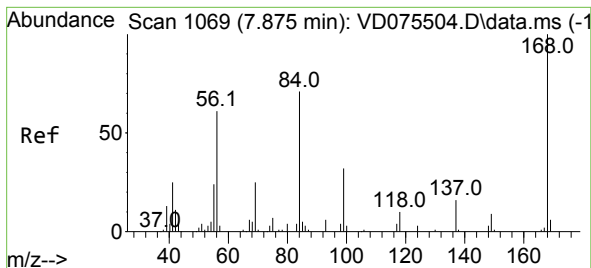
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Apr 12 10:29:09 2023
Response via : Initial Calibration

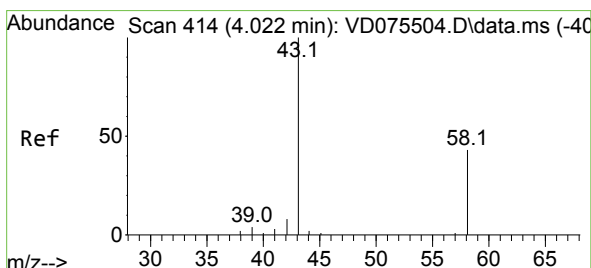
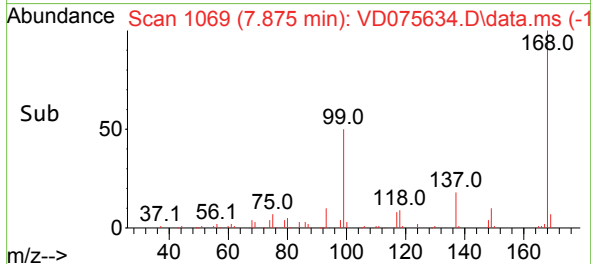
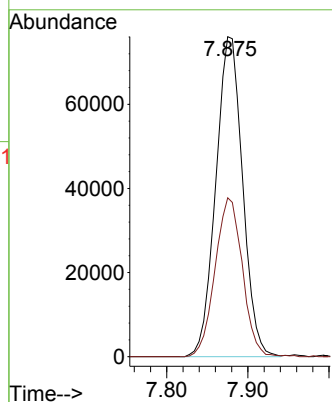
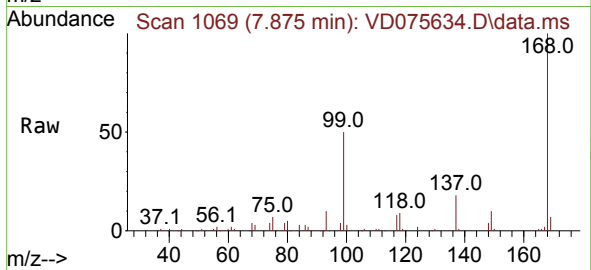




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075634.D
Acq: 12 Apr 2023 12:13

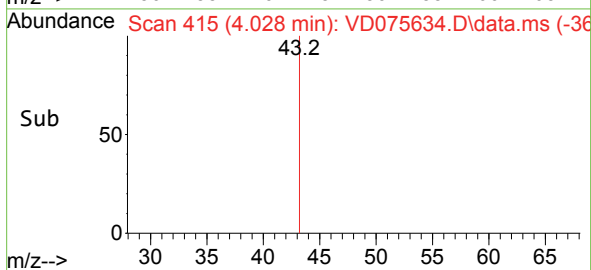
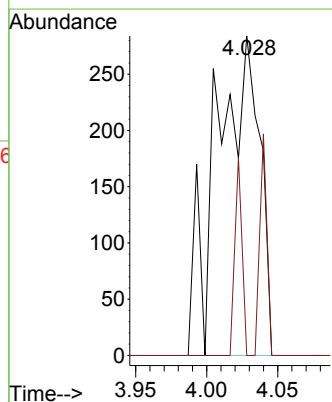
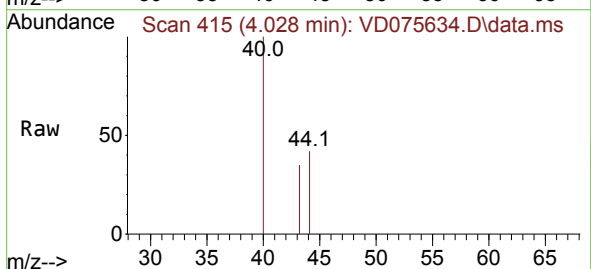
Instrument :
MSVOA_D
ClientSampleId :
VD0412SBL01

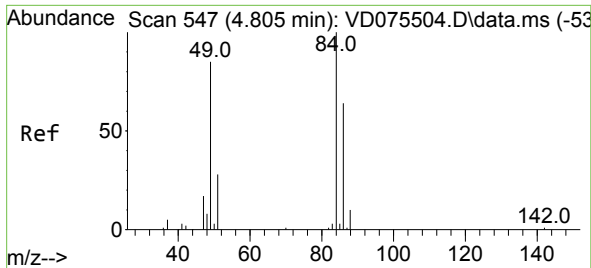
Tgt Ion:168 Resp: 174500
Ion Ratio Lower Upper
168 100
99 49.7 43.8 65.6



#16
Acetone
Concen: 2.300 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD075634.D
Acq: 12 Apr 2023 12:13

Tgt Ion: 43 Resp: 600
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#

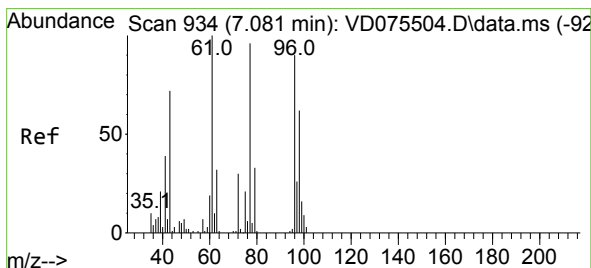
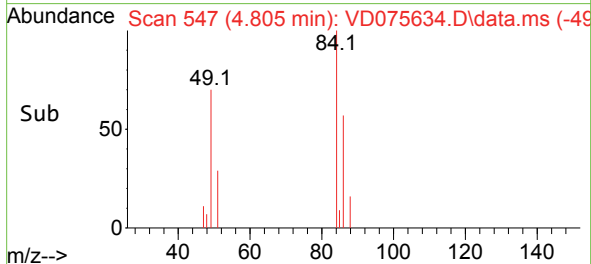
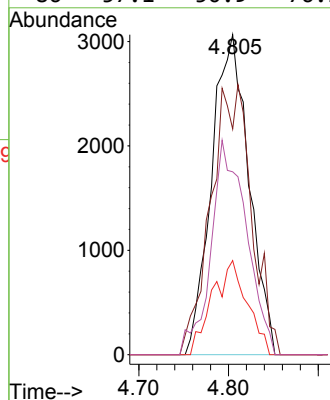
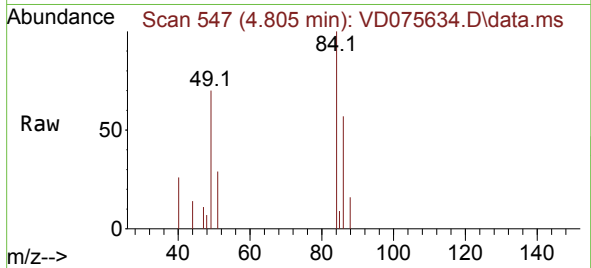




#20
Methylene Chloride
Concen: Below Cal
RT: 4.805 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD075634.D
Acq: 12 Apr 2023 12:13

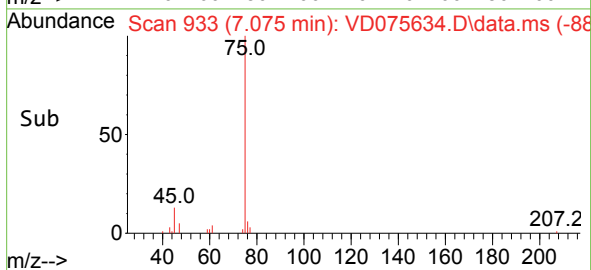
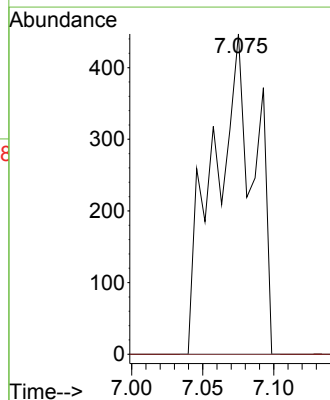
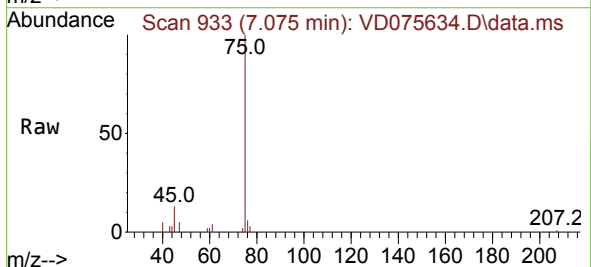
Instrument :
MSVOA_D
ClientSampleId :
VD0412SBL01

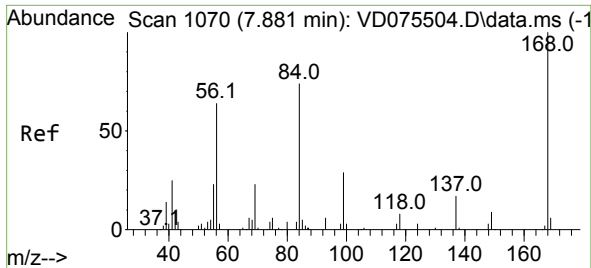
Tgt Ion:	84	Resp:	8851
Ion	Ratio	Lower	Upper
84	100		
49	70.5	106.4	159.6#
51	29.4	32.4	48.6#
86	57.1	50.9	76.3



#25
2-Butanone
Concen: 2.679 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD075634.D
Acq: 12 Apr 2023 12:13

Tgt Ion:	43	Resp:	907
Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.8	29.8#

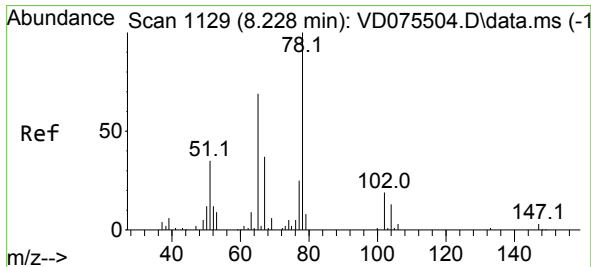
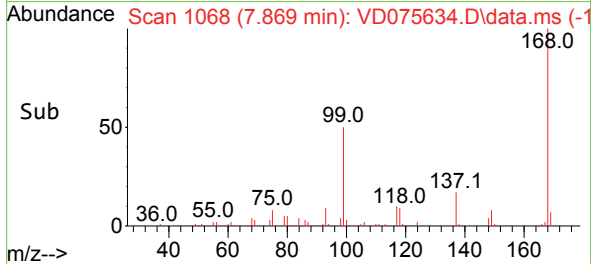
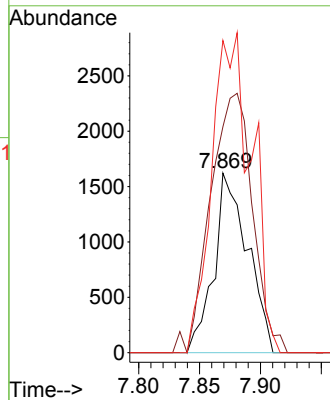
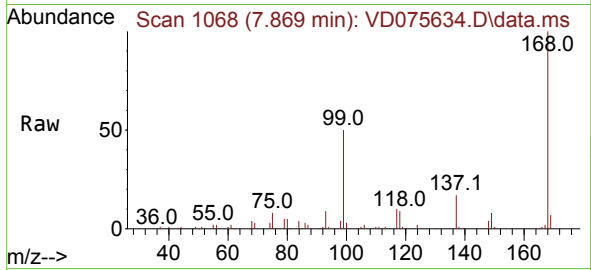




#31
Cyclohexane
Concen: 1.499 ug/l
RT: 7.869 min Scan# 1106
Delta R.T. -0.012 min
Lab File: VD075634.D
Acq: 12 Apr 2023 12:13

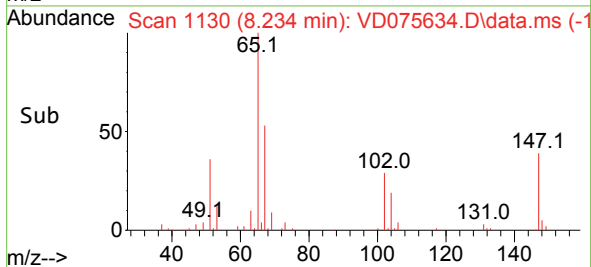
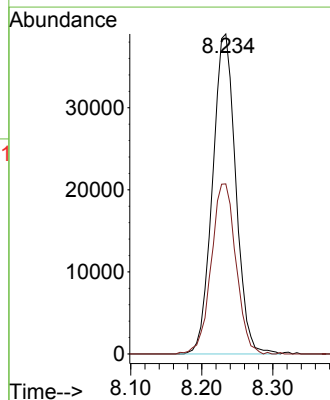
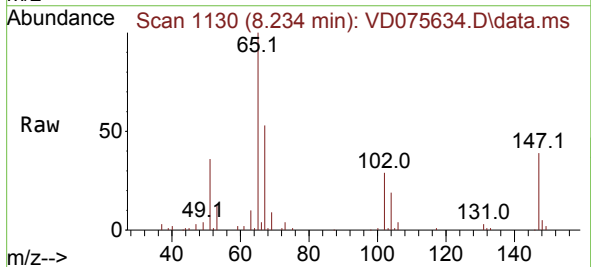
Instrument :
MSVOA_D
ClientSampleId :
VD0412SBL01

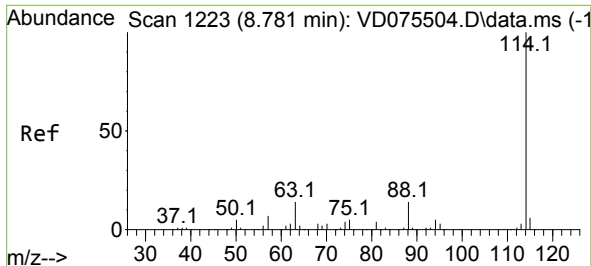
Tgt Ion: 56 Resp: 3122
Ion Ratio Lower Upper
56 100
69 116.0 25.5 38.3#
84 173.9 69.6 104.4#



#33
1,2-Dichloroethane-d4
Concen: 61.757 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD075634.D
Acq: 12 Apr 2023 12:13

Tgt Ion: 65 Resp: 88406
Ion Ratio Lower Upper
65 100
67 56.5 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075634.D

Acq: 12 Apr 2023 12:13

Instrument :

MSVOA_D

ClientSampleId :

VD0412SBL01

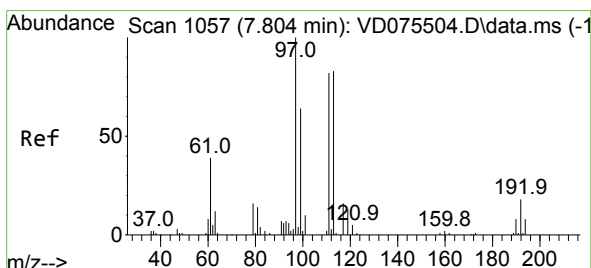
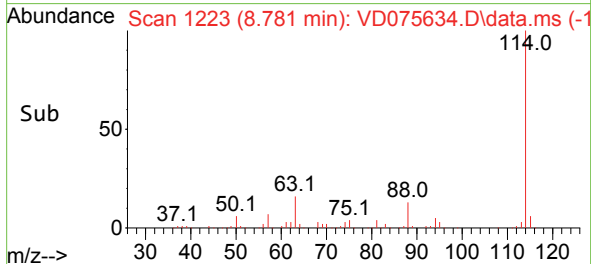
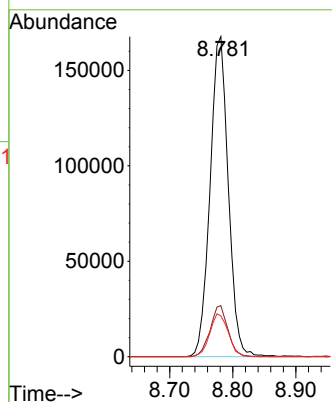
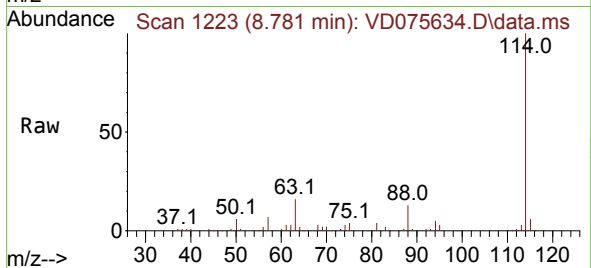
Tgt Ion:114 Resp: 335972

Ion Ratio Lower Upper

114 100

63 16.0 0.0 41.6

88 12.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.243 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD075634.D

Acq: 12 Apr 2023 12:13

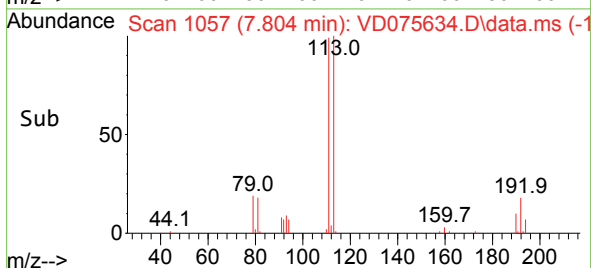
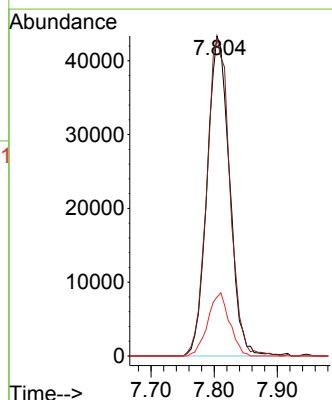
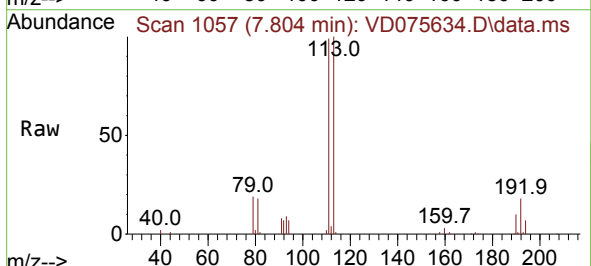
Tgt Ion:113 Resp: 106804

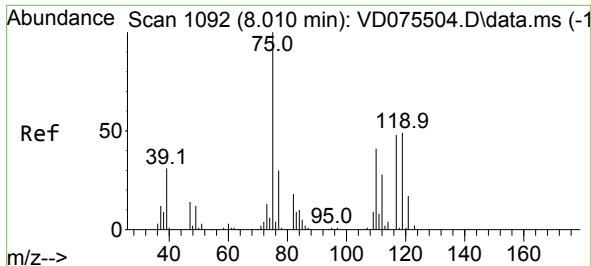
Ion Ratio Lower Upper

113 100

111 101.9 81.4 122.0

192 19.1 15.2 22.8





#36

1,1-Dichloropropene

Concen: 4.910 ug/l

RT: 7.875 min Scan# 1092

Delta R.T. -0.130 min

Lab File: VD075634.D

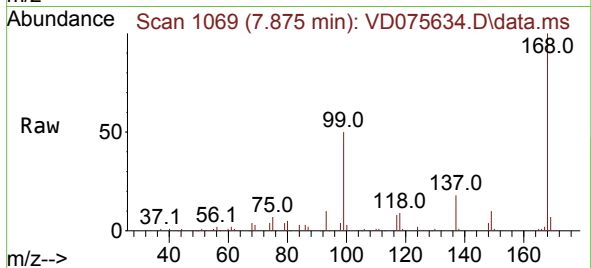
Acq: 12 Apr 2023 12:13

Instrument :

MSVOA_D

ClientSampleId :

VD0412SBL01



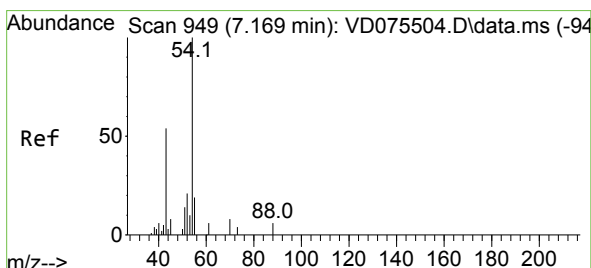
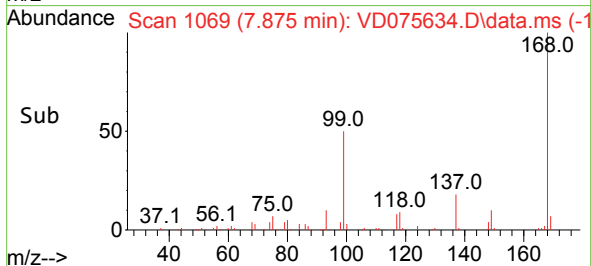
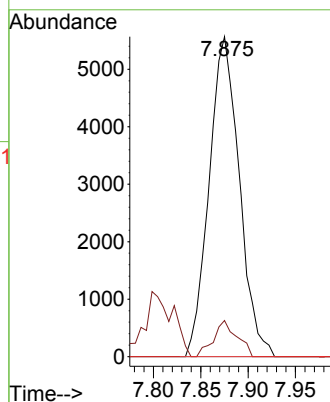
Tgt Ion: 75 Resp: 12348

Ion Ratio Lower Upper

75 100

110 8.8 17.1 51.2#

77 0.0 24.6 36.8#



#37

Ethyl Acetate

Concen: 1.200 ug/l

RT: 7.075 min Scan# 933

Delta R.T. -0.094 min

Lab File: VD075634.D

Acq: 12 Apr 2023 12:13

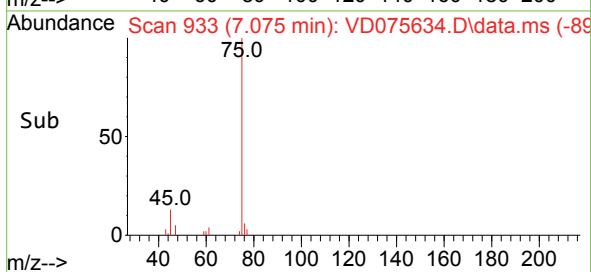
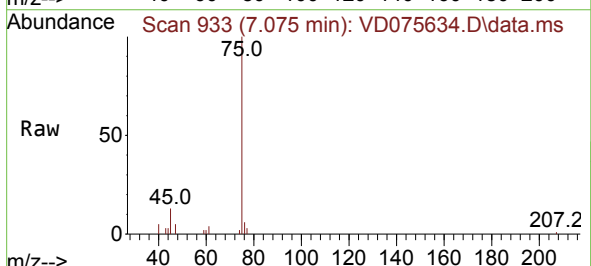
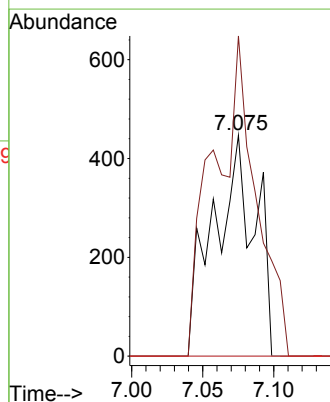
Tgt Ion: 43 Resp: 907

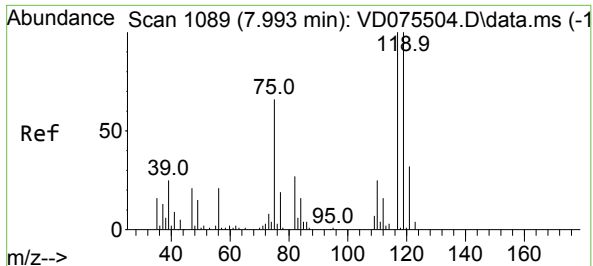
Ion Ratio Lower Upper

43 100

61 148.0 0.0 0.0#

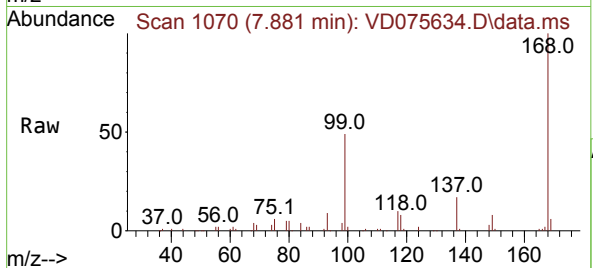
70 0.0 5.6 8.4#



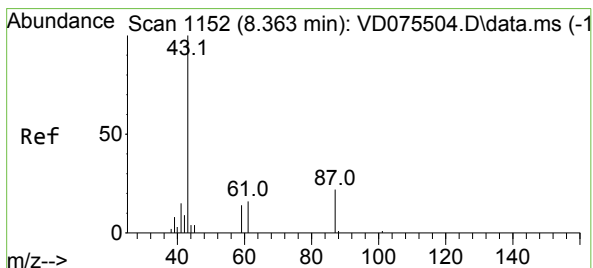
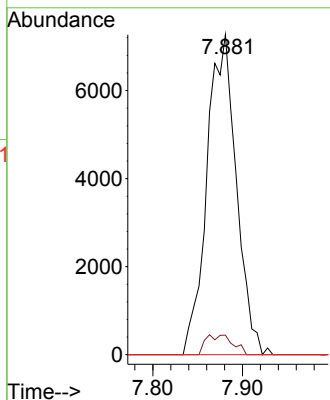
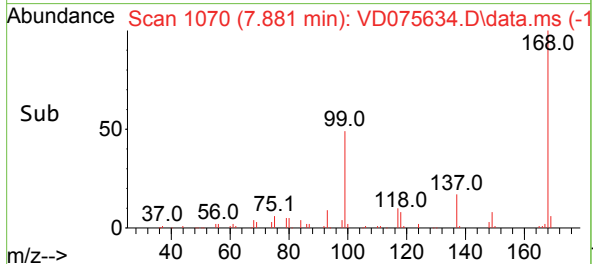


#38
Carbon Tetrachloride
Concen: 6.855 ug/l
RT: 7.881 min Scan# 1089
Delta R.T. -0.112 min
Lab File: VD075634.D
Acq: 12 Apr 2023 12:13

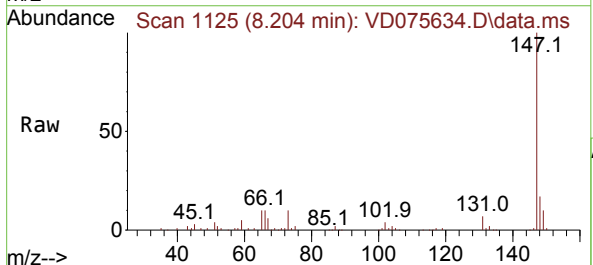
Instrument :
MSVOA_D
ClientSampleId :
VD0412SBL01



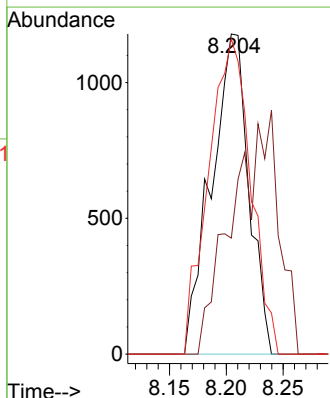
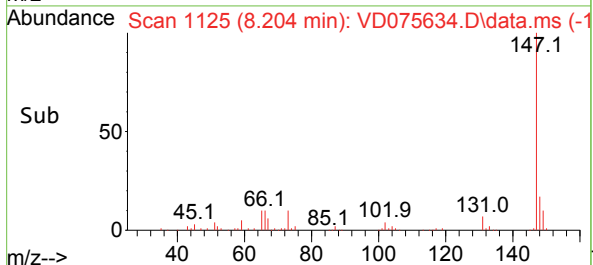
Tgt Ion:117 Resp: 16532
Ion Ratio Lower Upper
117 100
119 6.1 74.7 112.1#
121 0.0 25.9 38.9#

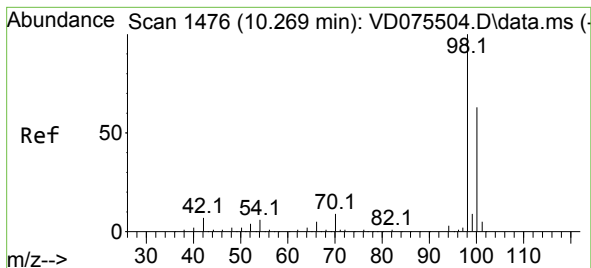


#43
Isopropyl Acetate
Concen: 1.874 ug/l
RT: 8.204 min Scan# 1125
Delta R.T. -0.159 min
Lab File: VD075634.D
Acq: 12 Apr 2023 12:13



Tgt Ion: 43 Resp: 2705
Ion Ratio Lower Upper
43 100
61 46.3 23.4 35.0#
87 110.9 9.5 14.3#

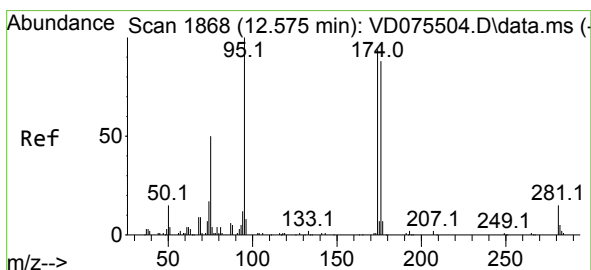
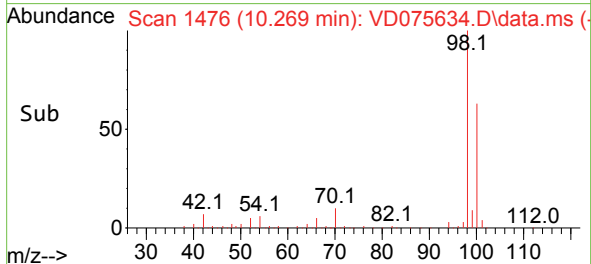
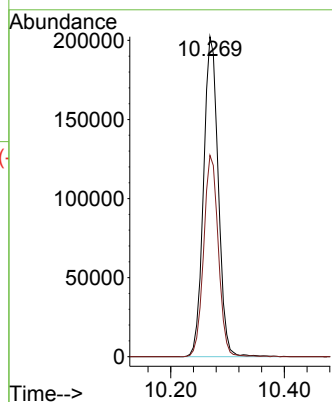
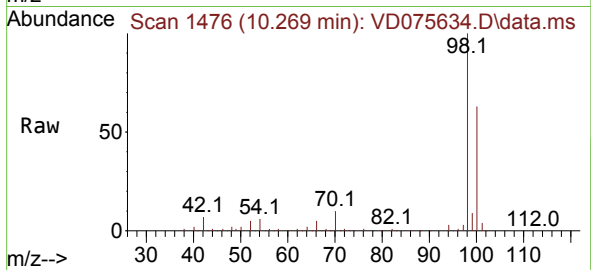




#50
Toluene-d8
Concen: 47.037 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075634.D
Acq: 12 Apr 2023 12:13

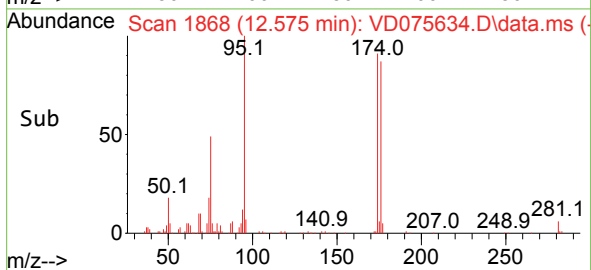
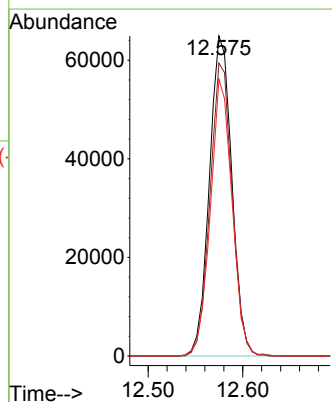
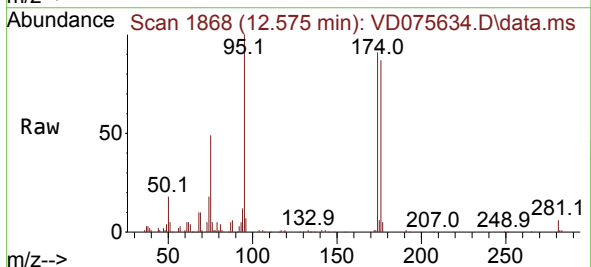
Instrument :
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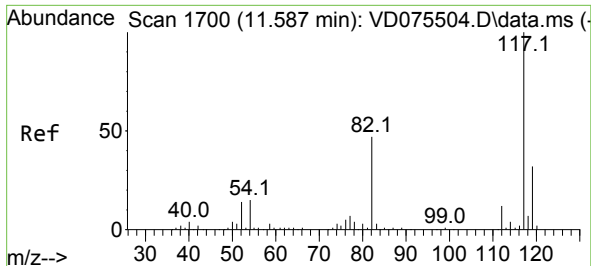
Tgt Ion: 98 Resp: 363268
Ion Ratio Lower Upper
98 100
100 62.6 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 46.857 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075634.D
Acq: 12 Apr 2023 12:13

Tgt Ion: 95 Resp: 106462
Ion Ratio Lower Upper
95 100
174 90.9 0.0 164.0
176 84.1 0.0 156.8

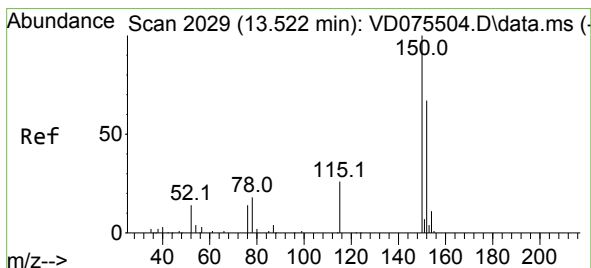
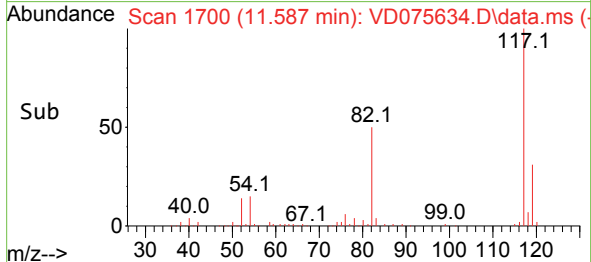
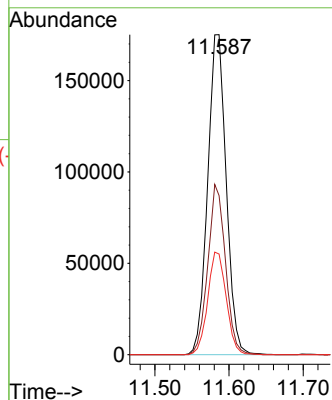
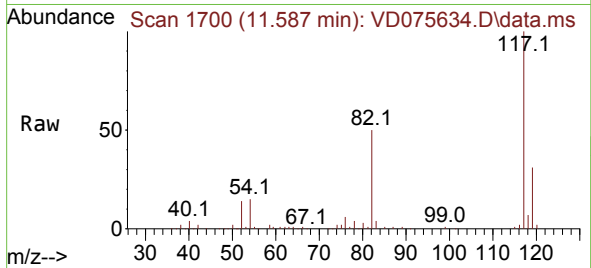




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075634.D
Acq: 12 Apr 2023 12:13

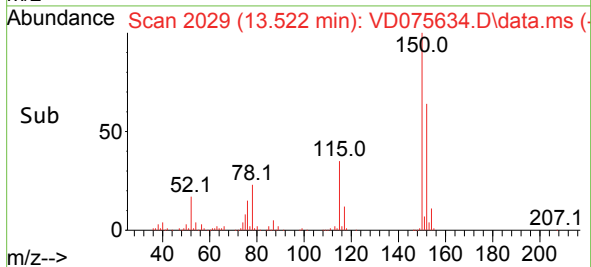
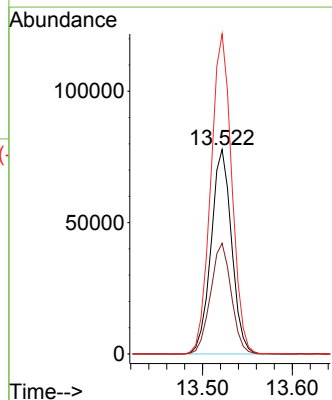
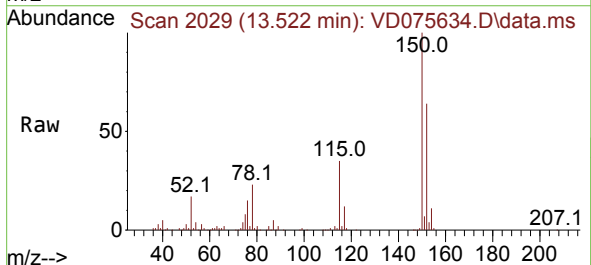
Instrument :
MSVOA_D
ClientSampleId :
VD0412SBL01

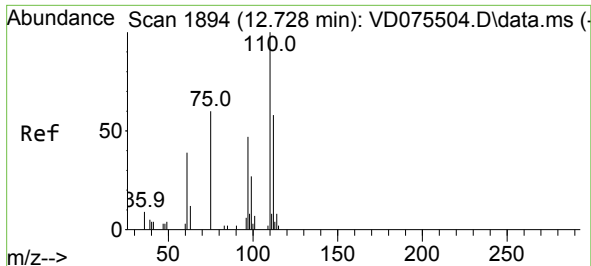
Tgt Ion:117 Resp: 304408
Ion Ratio Lower Upper
117 100
82 49.7 44.0 66.0
119 31.4 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075634.D
Acq: 12 Apr 2023 12:13

Tgt Ion:152 Resp: 123844
Ion Ratio Lower Upper
152 100
115 54.6 30.1 90.3
150 159.5 0.0 364.8

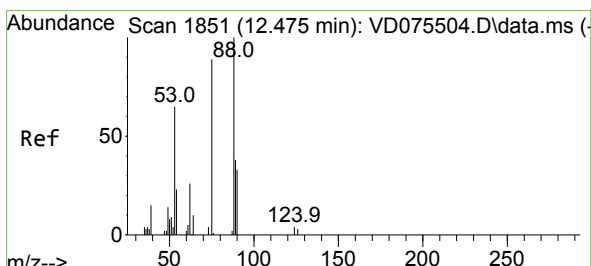
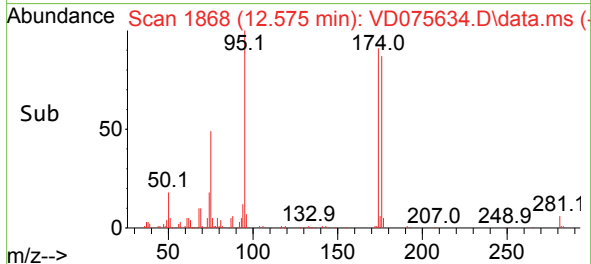
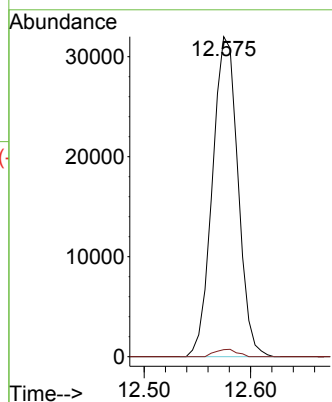
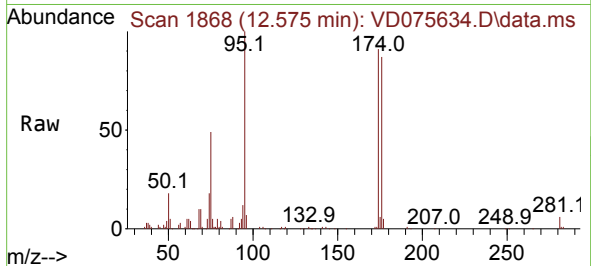




#76
1,2,3-Trichloropropane
Concen: 66.153 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075634.D
Acq: 12 Apr 2023 12:13

Instrument :
MSVOA_D
ClientSampleId :
VD0412SBL01

Tgt Ion: 75 Resp: 53263
Ion Ratio Lower Upper
75 100
77 2.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 125.949 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD075634.D
Acq: 12 Apr 2023 12:13

Tgt Ion: 75 Resp: 53263
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 40.2 60.4#

