

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122123\
 Data File : VD078049.D
 Acq On : 22 Dec 2023 03:52
 Operator : RP/MD
 Sample : 05877-15
 Misc : 5.28G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 22 05:55:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

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

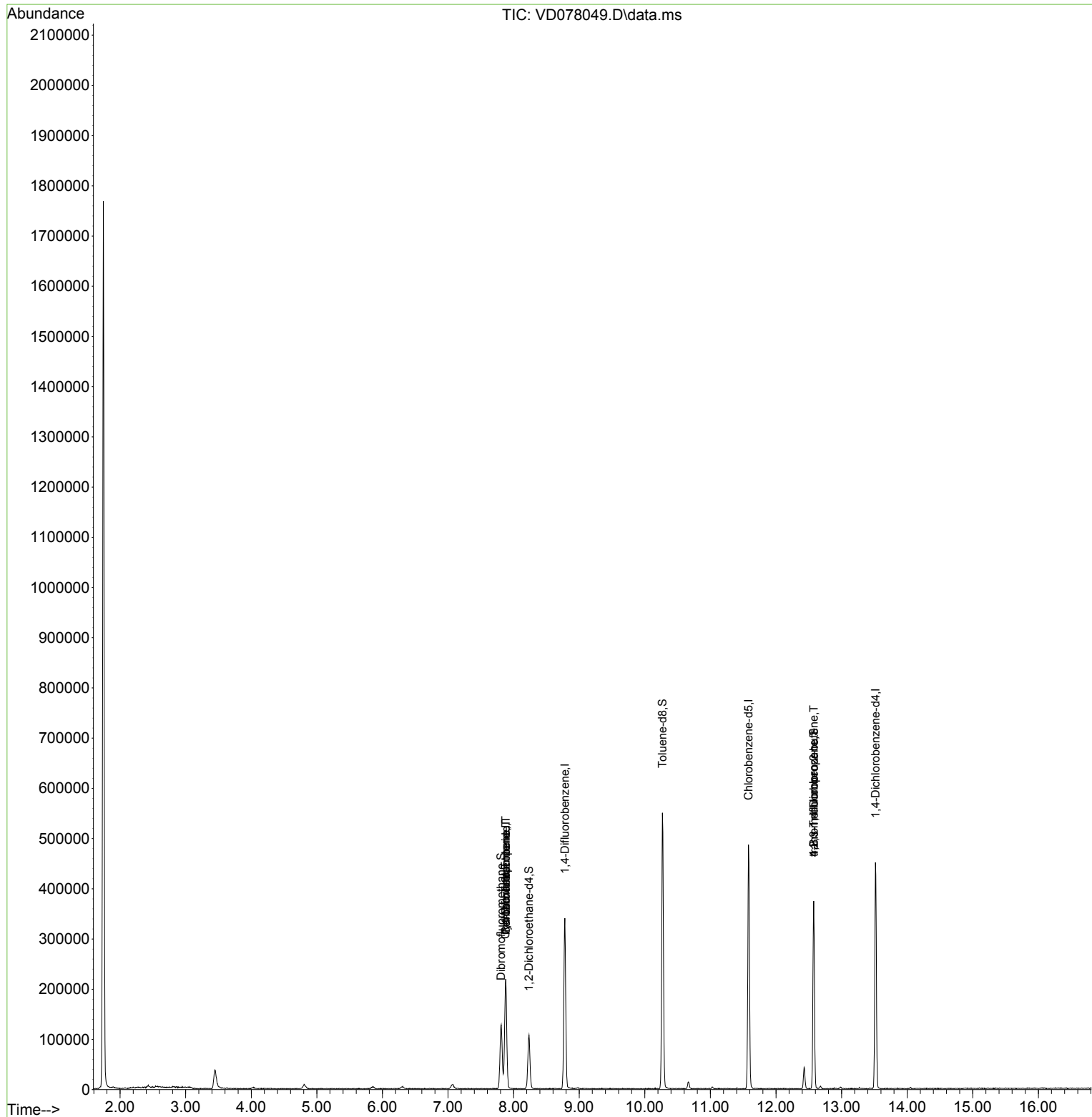
Internal Standards						
1) Pentafluorobenzene	7.881	168	164438	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	298547	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	283741	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	121907	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	81873	42.253	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.500%
35) Dibromofluoromethane	7.810	113	91902	43.947	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.900%
50) Toluene-d8	10.269	98	379918	45.360	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.720%
62) 4-Bromofluorobenzene	12.575	95	111829	44.658	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.320%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	5.052	59	347	Below Cal	#	62
16) Acetone	4.017	43	4864	Below Cal	#	73
20) Methylene Chloride	4.805	84	5495	Below Cal	#	69
25) 2-Butanone	7.081	43	1101	Below Cal	#	37
31) Cyclohexane	7.875	56	3853	1.118	ug/l	# 32
36) 1,1-Dichloropropene	7.881	75	13002	3.887	ug/l	# 43
38) Carbon Tetrachloride	7.881	117	16094	4.826	ug/l	# 15
76) 1,2,3-Trichloropropane	12.575	75	57687	54.485	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.575	75	57687	110.390	ug/l	# 17
88) 1,4-Dichlorobenzene	13.528	146	265	Below Cal	#	1
92) 1,2-Dibromo-3-Chloropr...	14.563	75	73	Below Cal	#	1

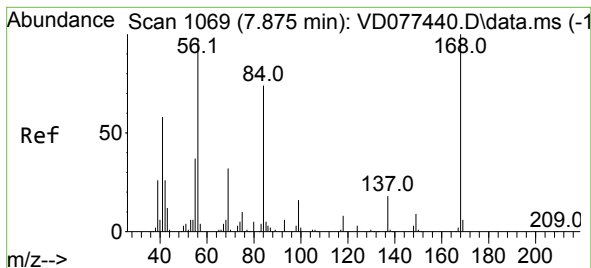
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122123\
Data File : VD078049.D
Acq On : 22 Dec 2023 03:52
Operator : RP/MD
Sample : 05877-15
Misc : 5.28G/5.0ml/MSVOA_D/SOIL/A
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Dec 22 05:55:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 14:48:10 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD078049.D

Acq: 22 Dec 2023 03:52

Instrument :

MSVOA_D

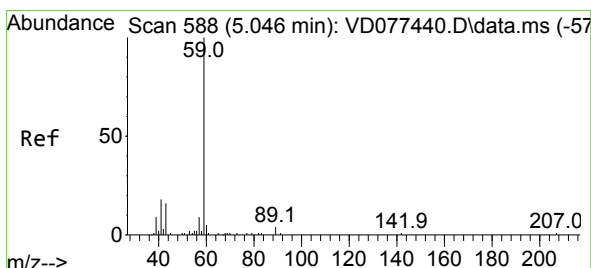
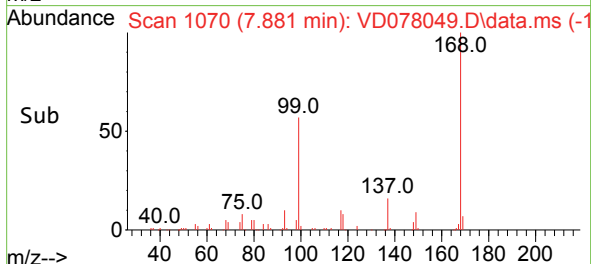
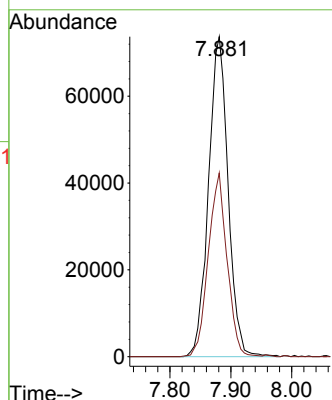
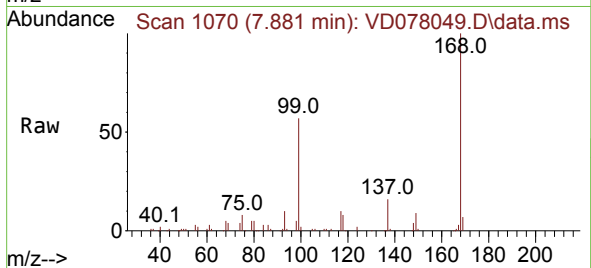
ClientSampleId :

Tgt Ion:168 Resp: 164438

Ion Ratio Lower Upper

168 100

99 57.4 36.7 55.1#



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.052 min Scan# 589

Delta R.T. 0.006 min

Lab File: VD078049.D

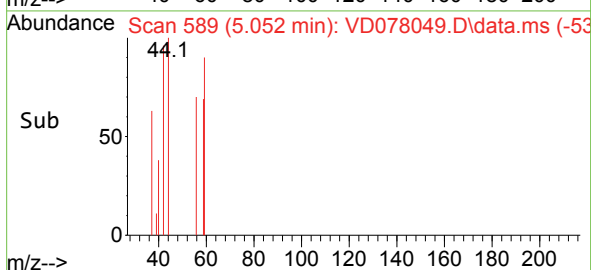
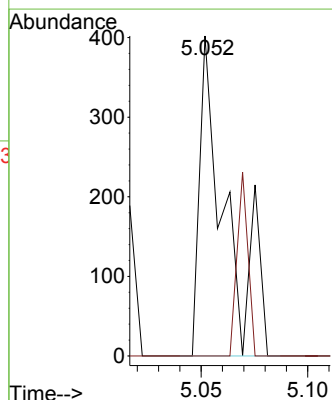
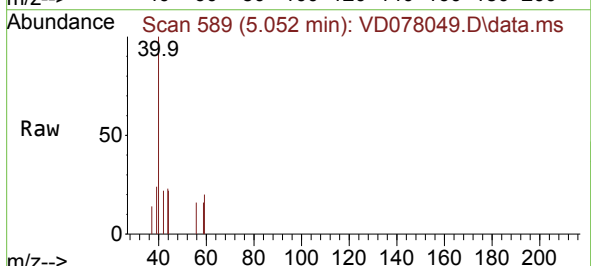
Acq: 22 Dec 2023 03:52

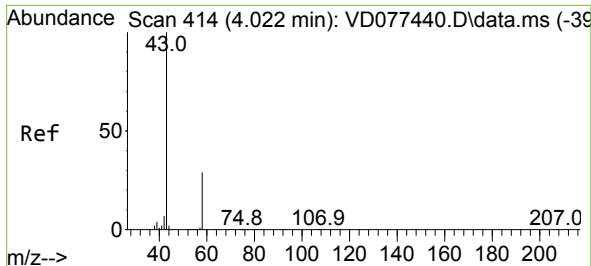
Tgt Ion: 59 Resp: 347

Ion Ratio Lower Upper

59 100

57 23.6 7.8 11.8#

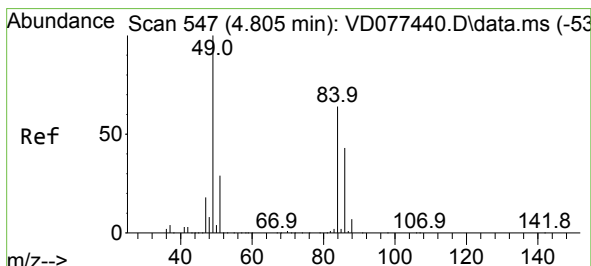
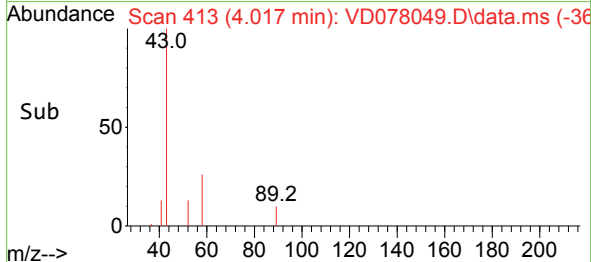
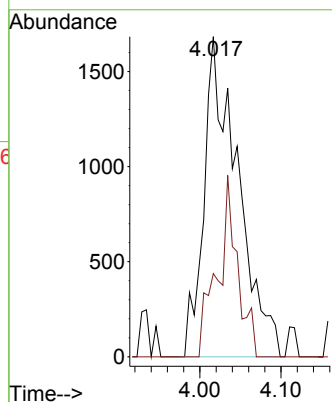
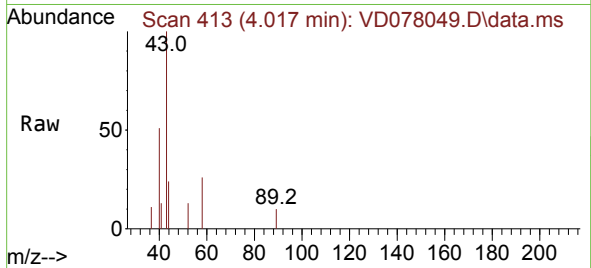




#16
Acetone
Concen: Below Cal
RT: 4.017 min Scan# 414
Delta R.T. -0.005 min
Lab File: VD078049.D
Acq: 22 Dec 2023 03:52

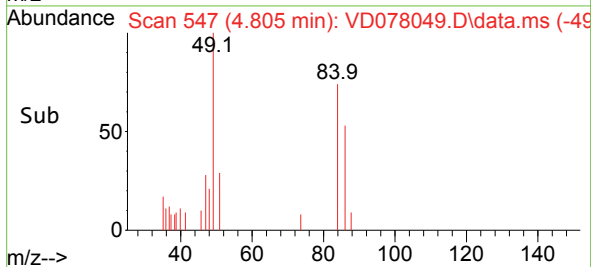
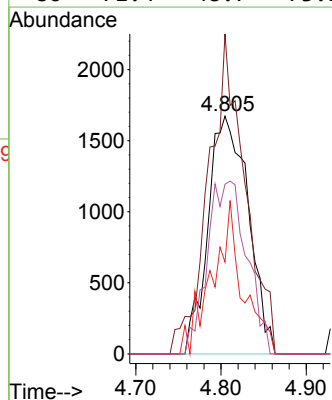
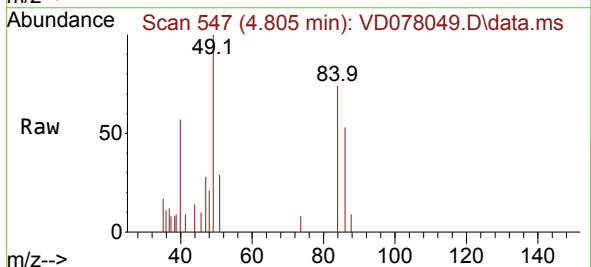
Instrument :
MSVOA_D
ClientSampleId :

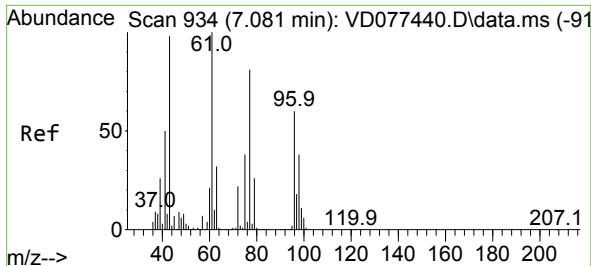
Tgt Ion: 43 Resp: 4864
Ion Ratio Lower Upper
43 100
58 26.0 34.7 52.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD078049.D
Acq: 22 Dec 2023 03:52

Tgt Ion: 84 Resp: 5495
Ion Ratio Lower Upper
84 100
49 134.6 71.4 107.2#
51 38.6 24.5 36.7#
86 71.4 48.7 73.1

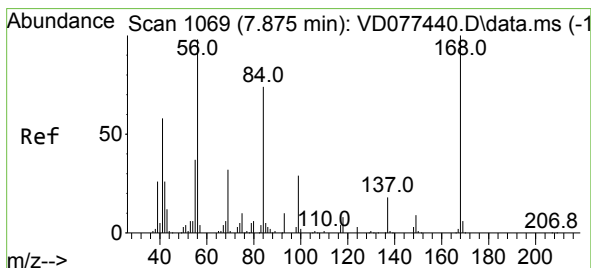
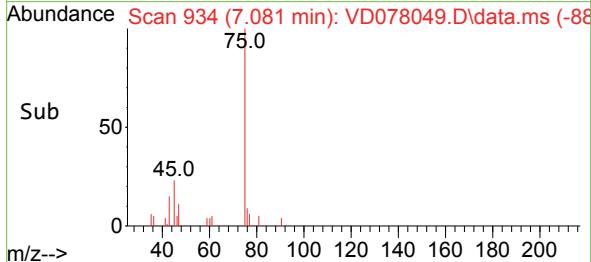
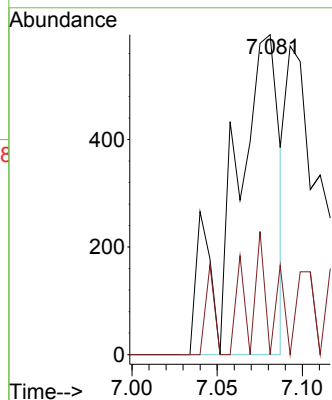
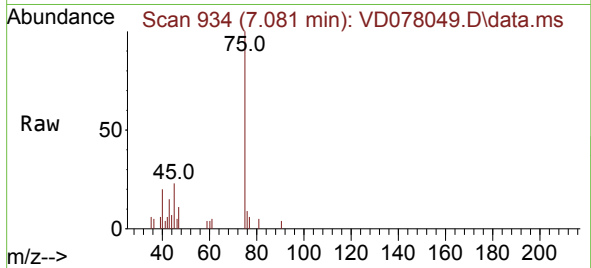




#25
2-Butanone
Concen: Below Cal
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078049.D
Acq: 22 Dec 2023 03:52

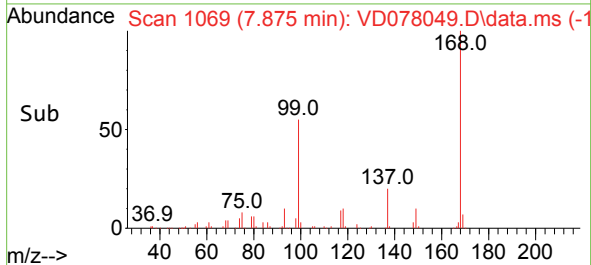
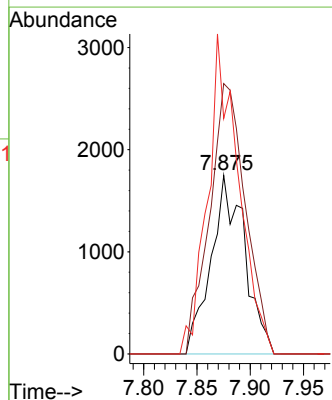
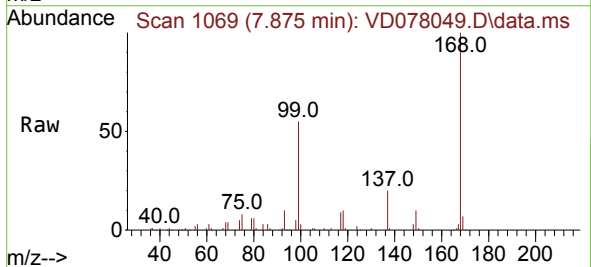
Instrument :
MSVOA_D
ClientSampleId :

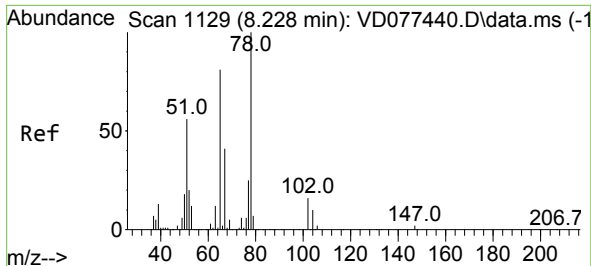
Tgt Ion: 43 Resp: 1101
Ion Ratio Lower Upper
43 100
72 0.0 30.7 46.1#



#31
Cyclohexane
Concen: 1.118 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078049.D
Acq: 22 Dec 2023 03:52

Tgt Ion: 56 Resp: 3853
Ion Ratio Lower Upper
56 100
69 151.4 28.6 43.0#
84 131.8 84.8 127.2#

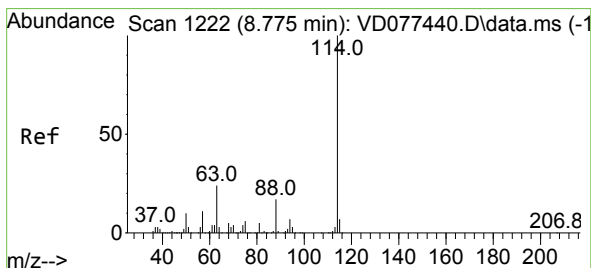
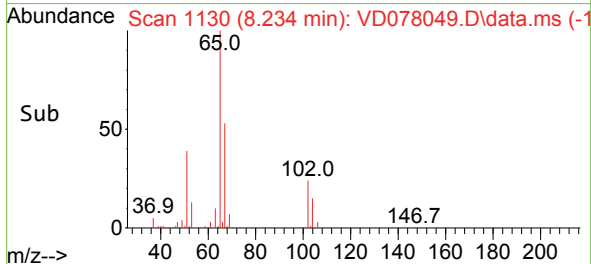
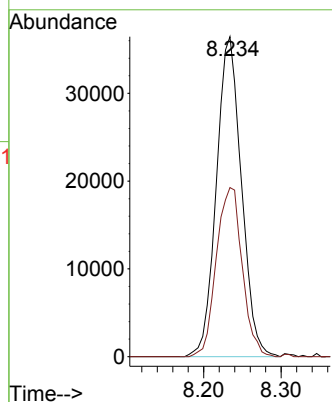
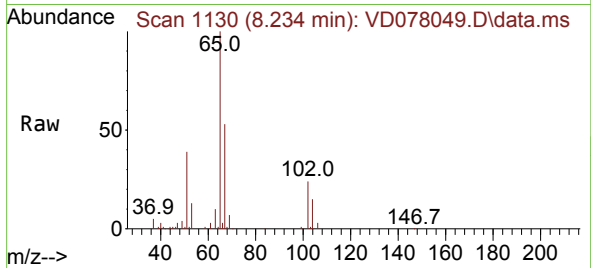




#33
 1,2-Dichloroethane-d4
 Concen: 42.253 ug/l
 RT: 8.234 min Scan# 1129
 Delta R.T. 0.006 min
 Lab File: VD078049.D
 Acq: 22 Dec 2023 03:52

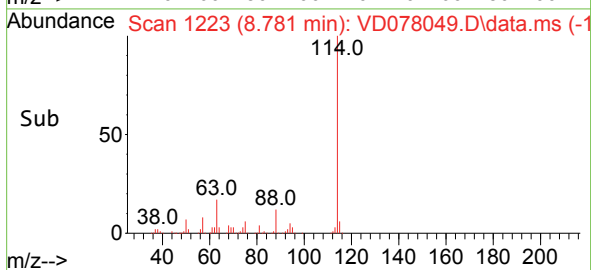
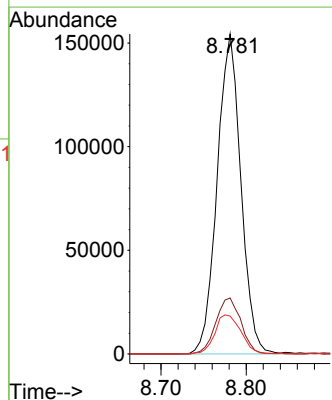
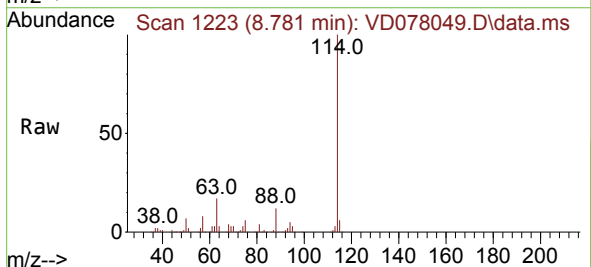
Instrument :
 MSVOA_D
 ClientSampleId :

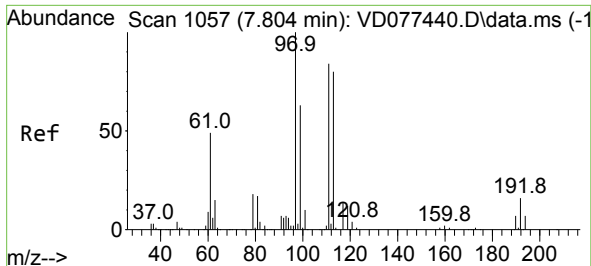
Tgt Ion: 65 Resp: 81873
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 115.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.781 min Scan# 1223
 Delta R.T. 0.006 min
 Lab File: VD078049.D
 Acq: 22 Dec 2023 03:52

Tgt Ion: 114 Resp: 298547
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 33.4
 88 11.8 0.0 26.2

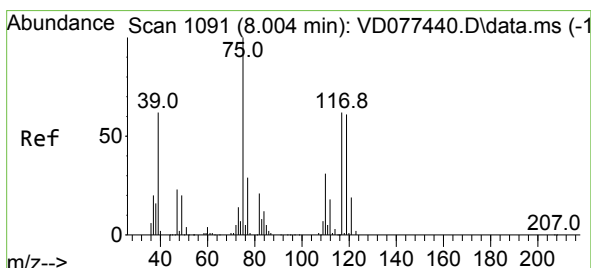
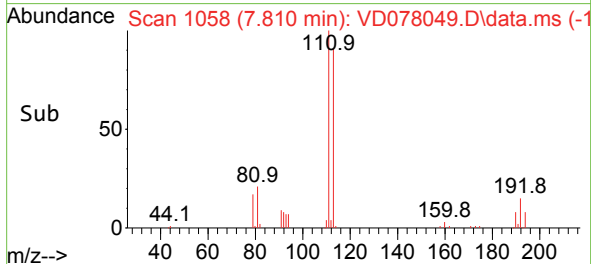
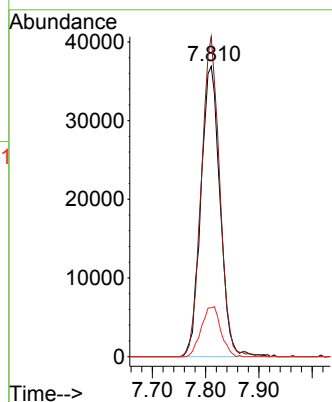
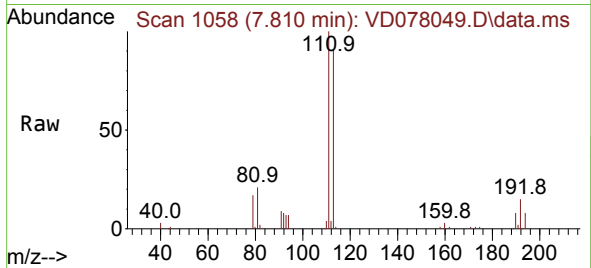




#35
Dibromofluoromethane
Concen: 43.947 ug/l
RT: 7.810 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VD078049.D
Acq: 22 Dec 2023 03:52

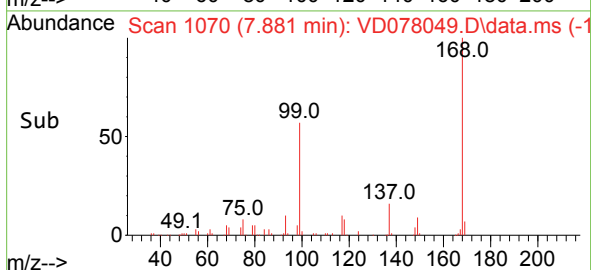
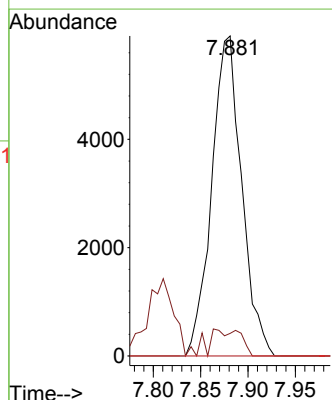
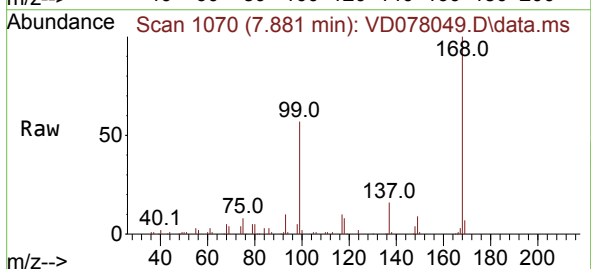
Instrument :
MSVOA_D
ClientSampleId :

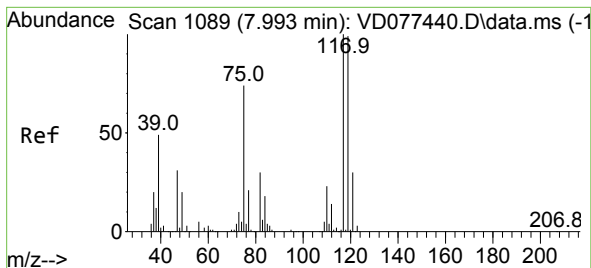
Tgt Ion:113 Resp: 91902
Ion Ratio Lower Upper
113 100
111 105.9 84.7 127.1
192 17.6 16.8 25.2



#36
1,1-Dichloropropene
Concen: 3.887 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.123 min
Lab File: VD078049.D
Acq: 22 Dec 2023 03:52

Tgt Ion: 75 Resp: 13002
Ion Ratio Lower Upper
75 100
110 4.8 19.9 59.6#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 4.826 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.112 min

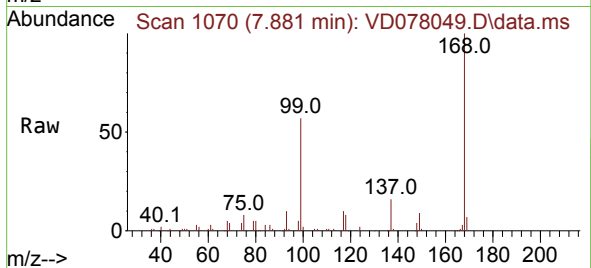
Lab File: VD078049.D

Acq: 22 Dec 2023 03:52

Instrument :

MSVOA_D

ClientSampleId :



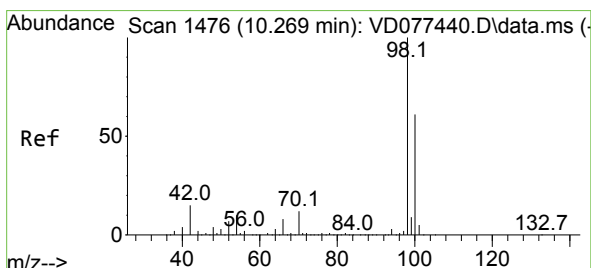
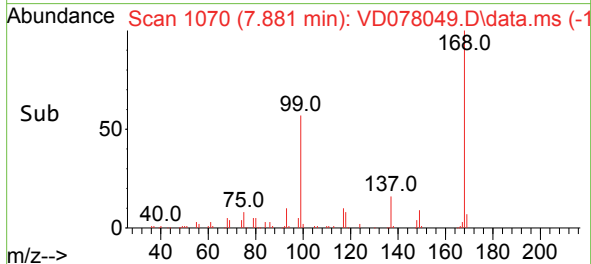
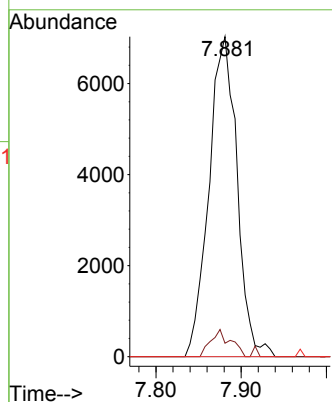
Tgt Ion:117 Resp: 16094

Ion Ratio Lower Upper

117 100

119 4.2 78.0 117.0#

121 0.0 24.2 36.2#



#50

Toluene-d8

Concen: 45.360 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078049.D

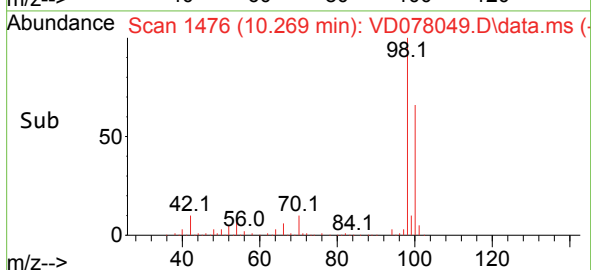
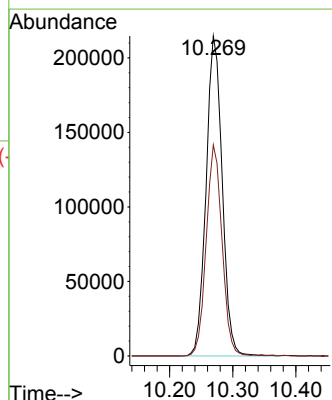
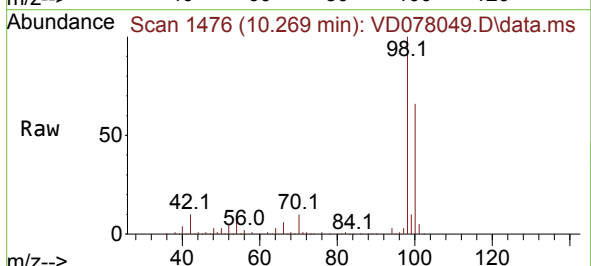
Acq: 22 Dec 2023 03:52

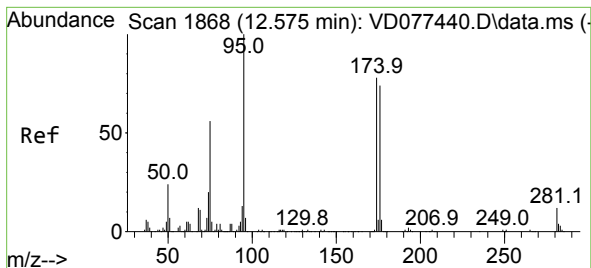
Tgt Ion: 98 Resp: 379918

Ion Ratio Lower Upper

98 100

100 64.9 50.3 75.5

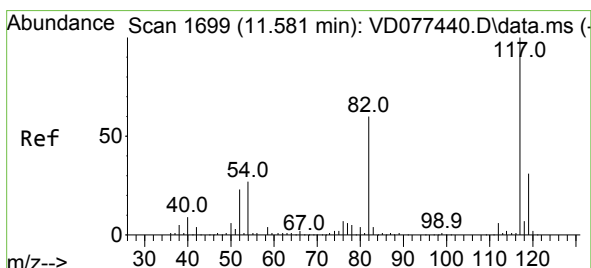
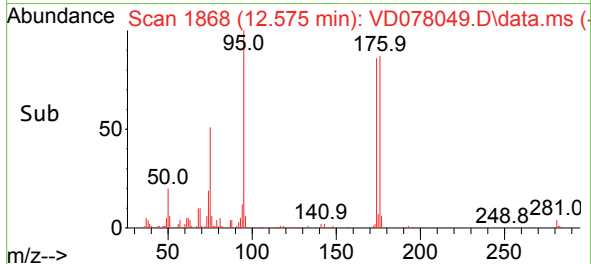
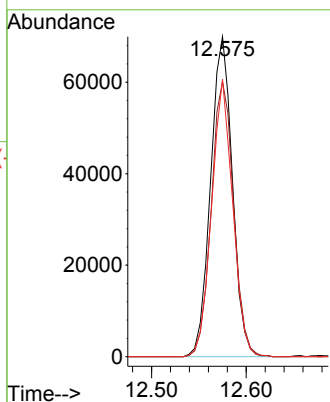
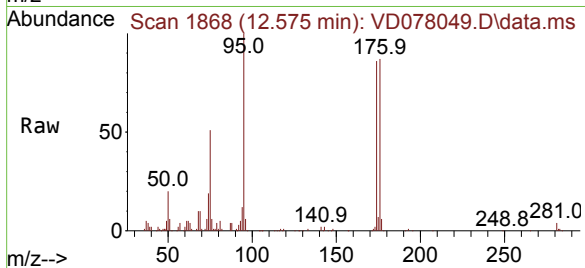




#62
4-Bromofluorobenzene
Concen: 44.658 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078049.D
Acq: 22 Dec 2023 03:52

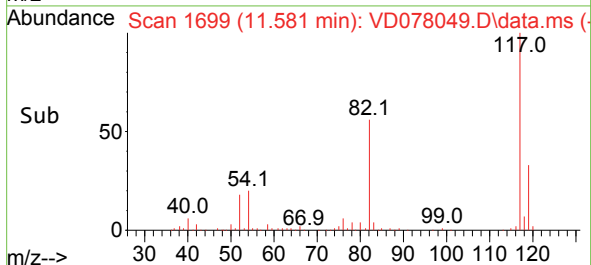
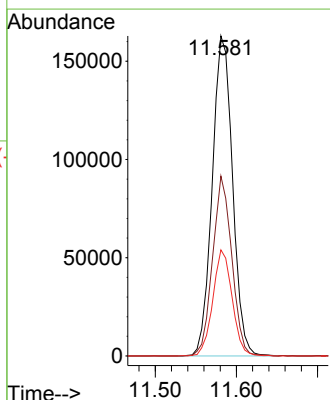
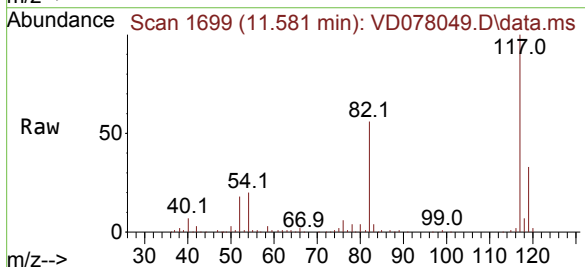
Instrument :
MSVOA_D
ClientSampleId :

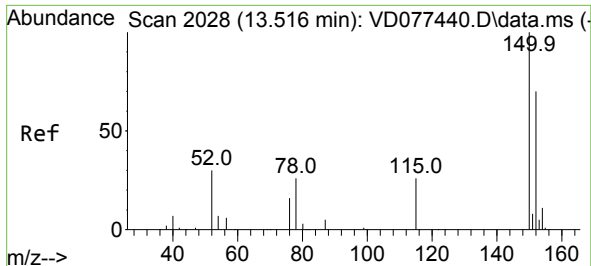
Tgt Ion: 95 Resp: 111829
Ion Ratio Lower Upper
95 100
174 88.1 0.0 201.8
176 83.9 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD078049.D
Acq: 22 Dec 2023 03:52

Tgt Ion: 117 Resp: 283741
Ion Ratio Lower Upper
117 100
82 56.2 38.3 57.5
119 33.2 25.0 37.4

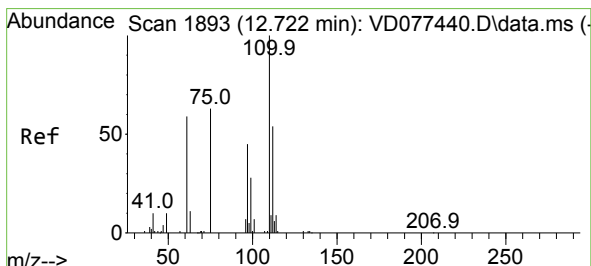
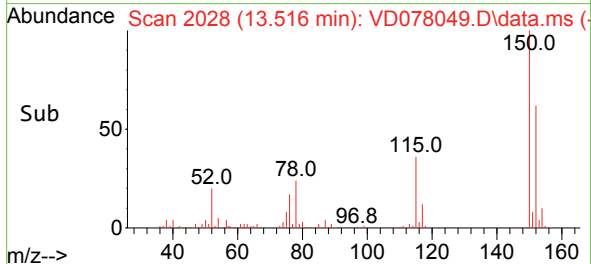
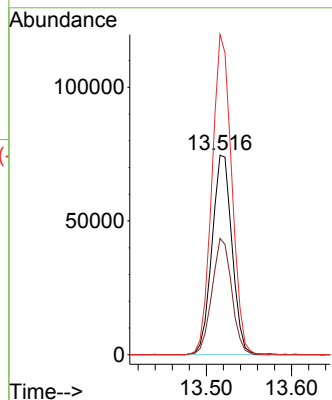
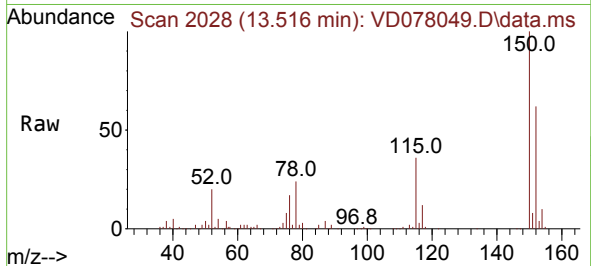




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD078049.D
 Acq: 22 Dec 2023 03:52

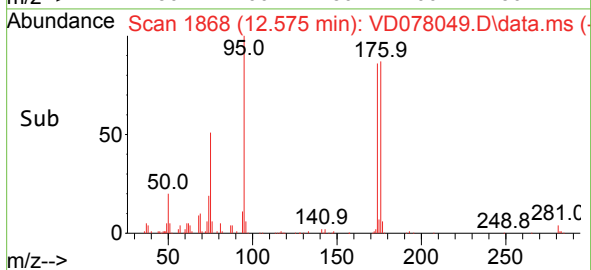
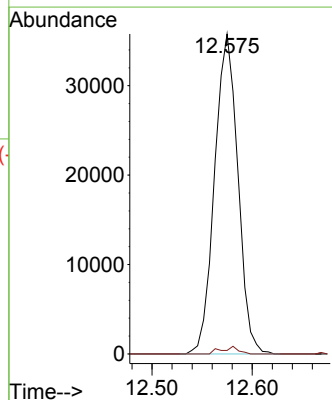
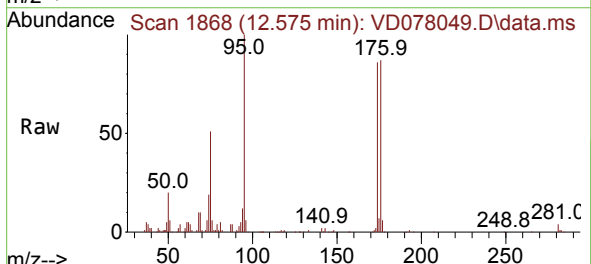
Instrument :
 MSVOA_D
 ClientSampleId :

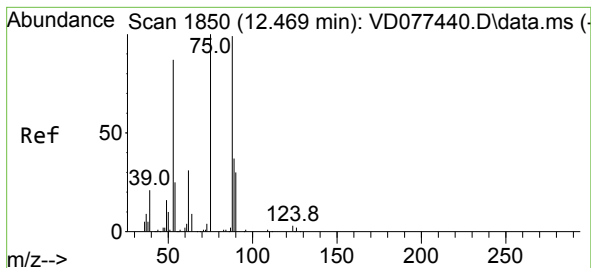
Tgt Ion:152 Resp: 121907
 Ion Ratio Lower Upper
 152 100
 115 57.4 27.1 81.3
 150 157.9 0.0 353.6



#76
 1,2,3-Trichloropropane
 Concen: 54.485 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.147 min
 Lab File: VD078049.D
 Acq: 22 Dec 2023 03:52

Tgt Ion: 75 Resp: 57687
 Ion Ratio Lower Upper
 75 100
 77 1.7 0.0 0.0#

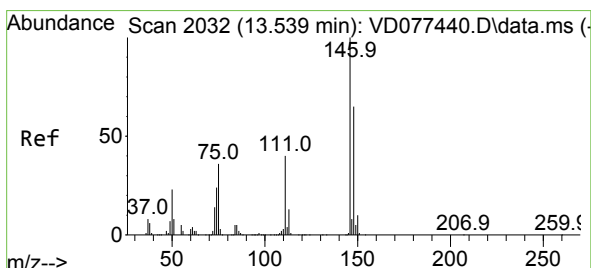
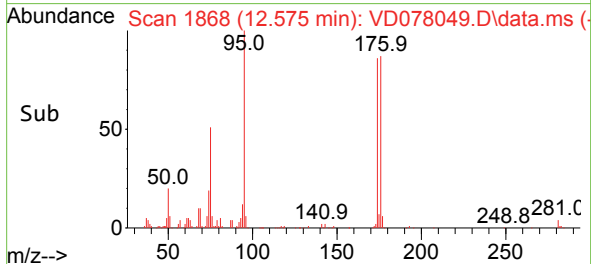
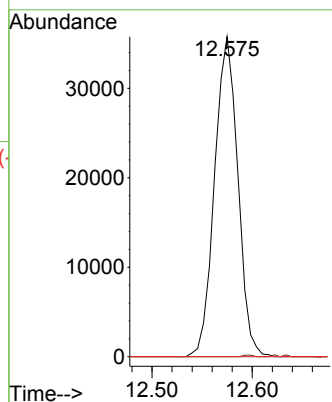
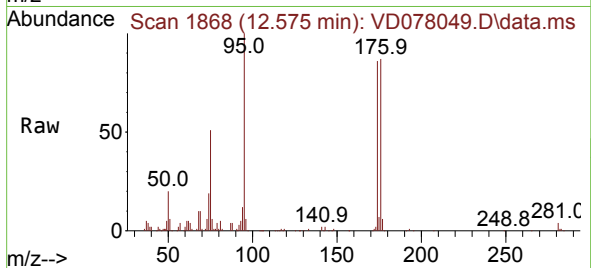




#81
trans-1,4-Dichloro-2-butene
Concen: 110.390 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD078049.D
Acq: 22 Dec 2023 03:52

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 57687
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#



#88
1,4-Dichlorobenzene
Concen: Below Cal
RT: 13.528 min Scan# 2030
Delta R.T. -0.011 min
Lab File: VD078049.D
Acq: 22 Dec 2023 03:52

Tgt Ion:146 Resp: 265
Ion Ratio Lower Upper
146 100
111 581.1 17.4 52.3#
148 198.1 31.7 95.1#

