

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020824\
 Data File : VD078377.D
 Acq On : 08 Feb 2024 18:54
 Operator : RP/MD
 Sample : P1413-06
 Misc : 5.04G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 09 03:13:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 03:58:19 2024
 Response via : Initial Calibration

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

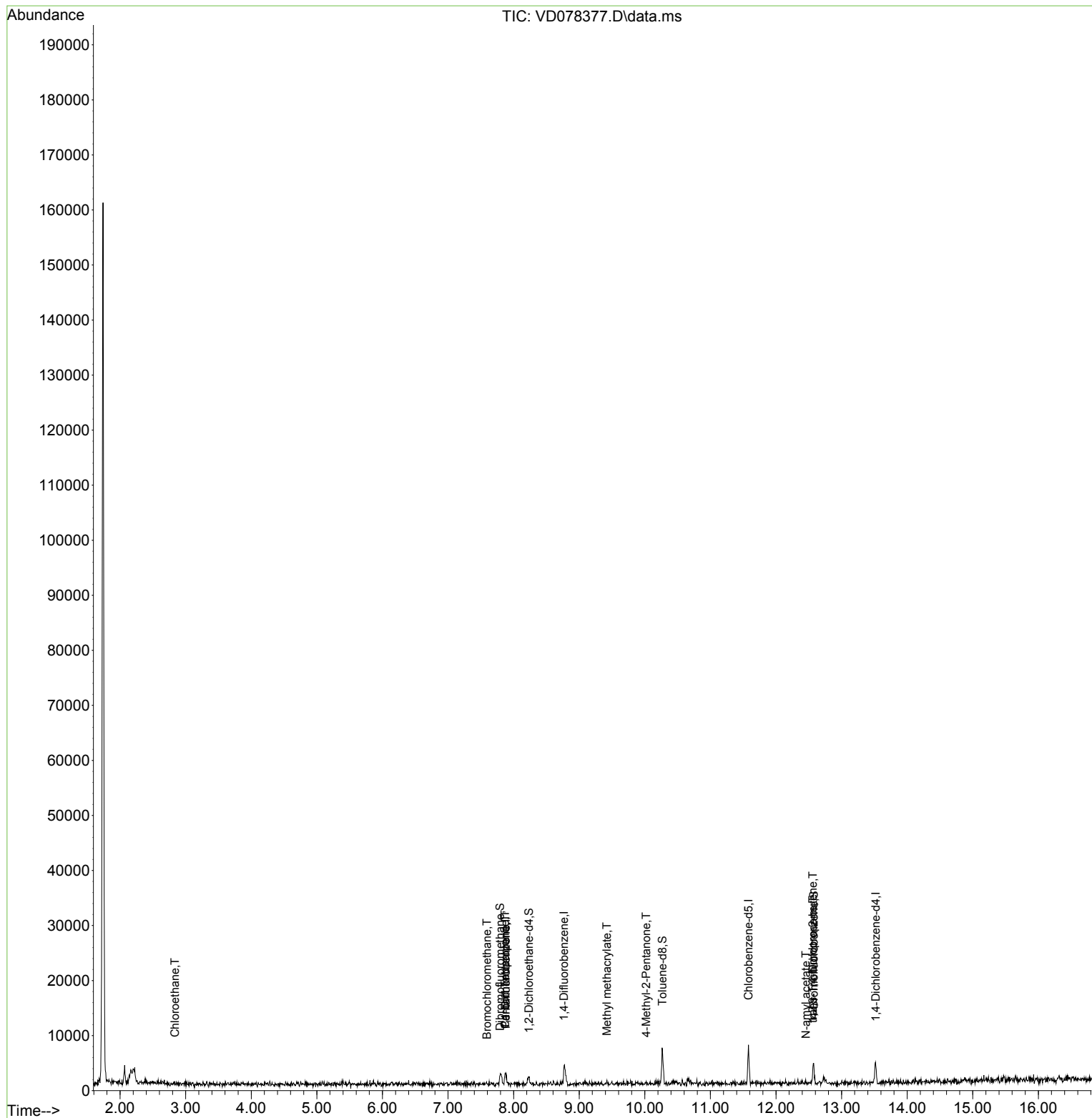
Internal Standards						
1) Pentafluorobenzene	7.881	168	2130	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.769	114	4564	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.581	117	4139	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	1048	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	1364	51.729	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.460%	
35) Dibromofluoromethane	7.793	113	1743	53.643	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.280%	
50) Toluene-d8	10.269	98	5019	40.799	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 81.600%	
62) 4-Bromofluorobenzene	12.575	95	1636	44.408	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 88.820%	
Target Compounds						
					Qvalue	
6) Chloroethane	2.834	64	295	7.307	ug/l #	43
16) Acetone	4.105	43	54	Below Cal	#	32
20) Methylene Chloride	4.811	84	62	Below Cal	#	17
28) Bromochloromethane	7.593	49	53	2.611	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	58	1.076	ug/l #	39
38) Carbon Tetrachloride	7.869	117	144	2.718	ug/l #	11
48) Methyl methacrylate	9.422	41	62	3.490	ug/l #	7
51) 4-Methyl-2-Pentanone	10.022	43	76	3.778	ug/l #	28
74) N-amyl acetate	12.457	43	67	3.653	ug/l #	35
76) 1,2,3-Trichloropropane	12.563	75	786	71.757	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.563	75	786	142.711	ug/l #	17

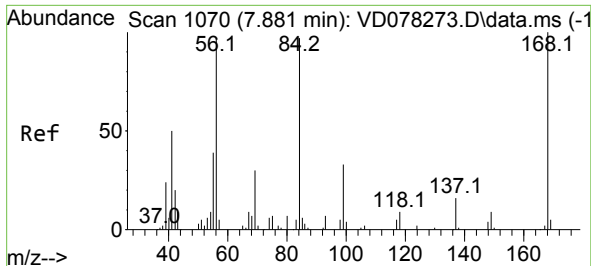
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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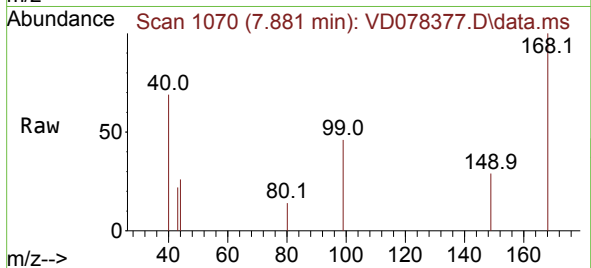
Quant Time: Feb 09 03:13:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 01 03:58:19 2024
Response via : Initial Calibration



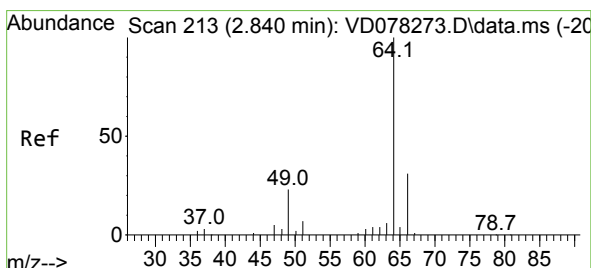
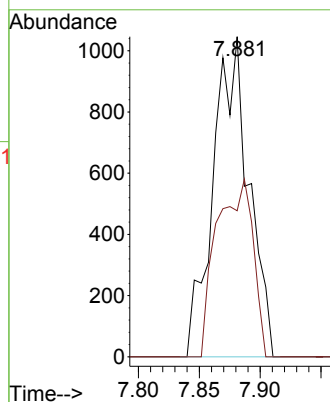
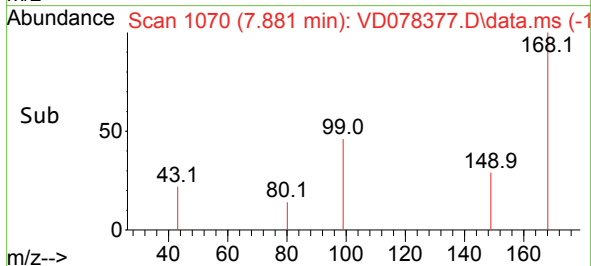


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078377.D
Acq: 08 Feb 2024 18:54

Instrument :
MSVOA_D
ClientSampleId :

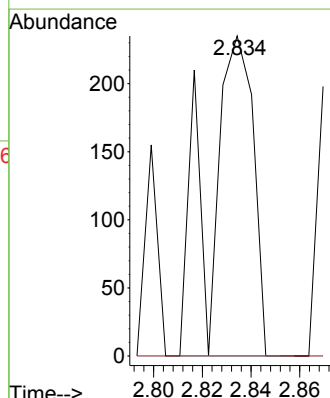
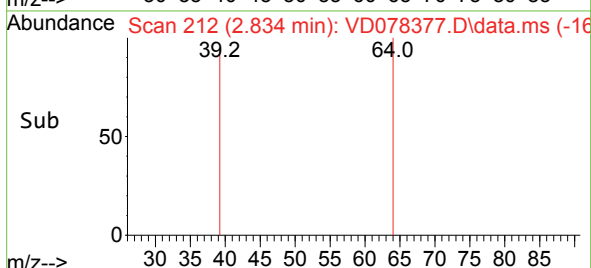
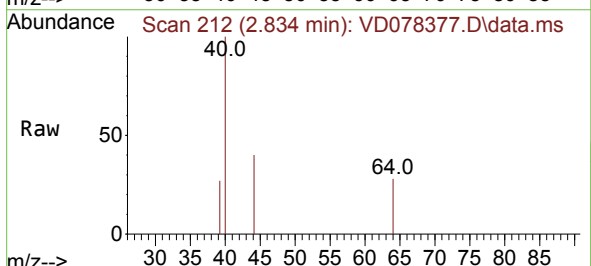


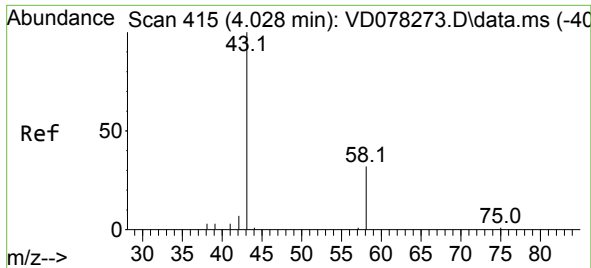
Tgt Ion:168 Resp: 2130
Ion Ratio Lower Upper
168 100
99 45.6 36.7 55.1



#6
Chloroethane
Concen: 7.307 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD078377.D
Acq: 08 Feb 2024 18:54

Tgt Ion: 64 Resp: 295
Ion Ratio Lower Upper
64 100
66 0.0 25.5 38.3#

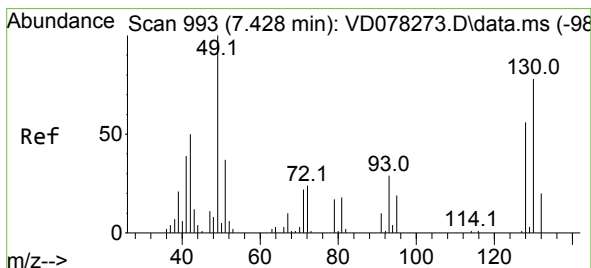
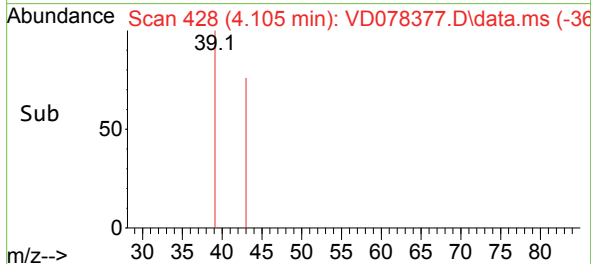
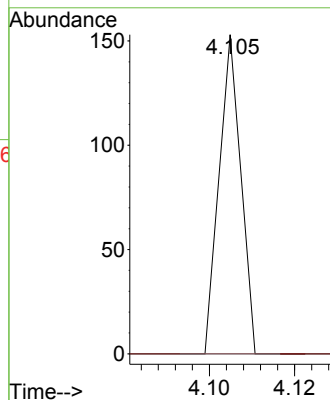
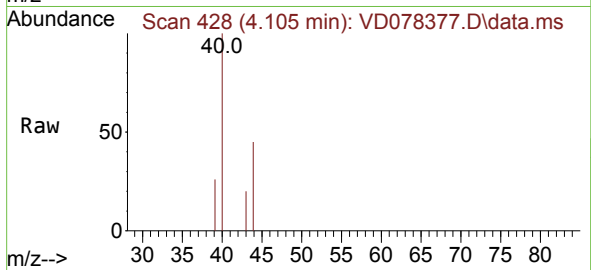




#16
Acetone
Concen: Below Cal
RT: 4.105 min Scan# 41
Delta R.T. 0.077 min
Lab File: VD078377.D
Acq: 08 Feb 2024 18:54

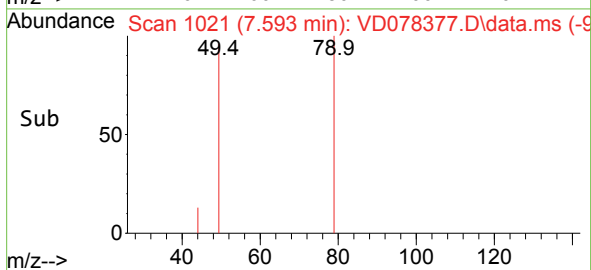
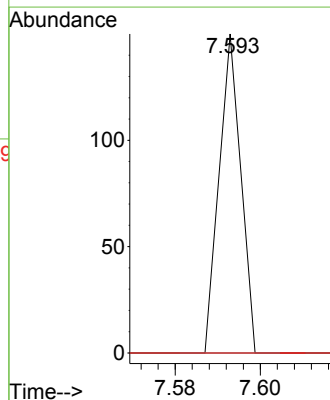
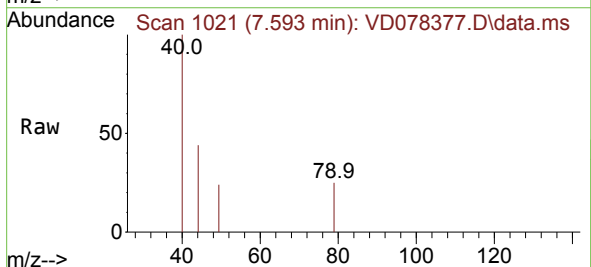
Instrument :
MSVOA_D
ClientSampleId :

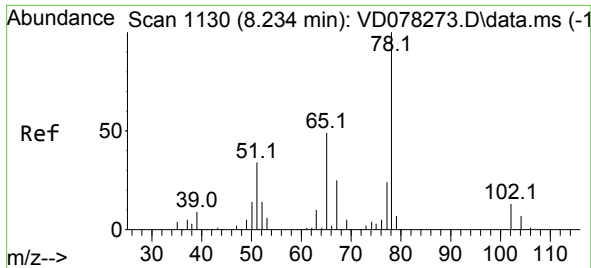
Tgt Ion: 43 Resp: 54
Ion Ratio Lower Upper
43 100
58 0.0 34.7 52.1#



#28
Bromochloromethane
Concen: 2.611 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. 0.165 min
Lab File: VD078377.D
Acq: 08 Feb 2024 18:54

Tgt Ion: 49 Resp: 53
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: 51.729 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078377.D

Acq: 08 Feb 2024 18:54

Instrument :

MSVOA_D

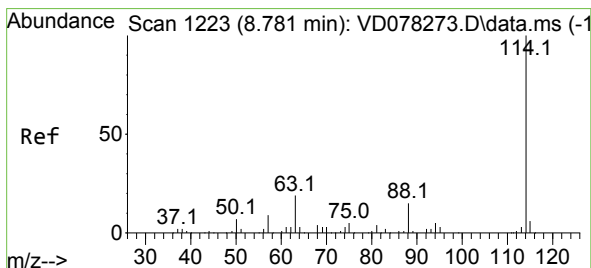
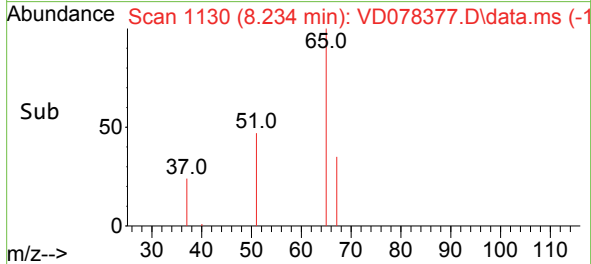
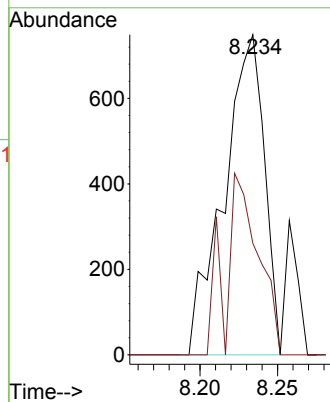
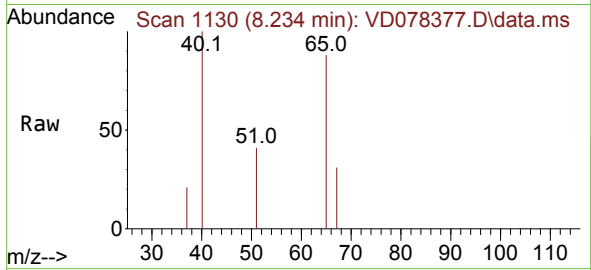
ClientSampleId :

Tgt Ion: 65 Resp: 1364

Ion Ratio Lower Upper

65 100

67 45.8 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.769 min Scan# 1221

Delta R.T. -0.012 min

Lab File: VD078377.D

Acq: 08 Feb 2024 18:54

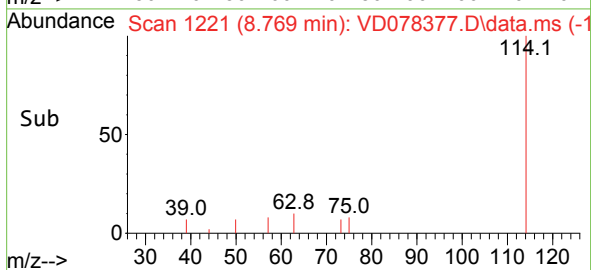
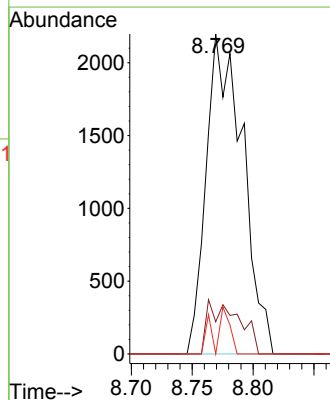
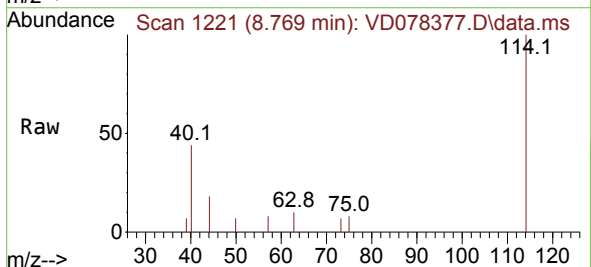
Tgt Ion:114 Resp: 4564

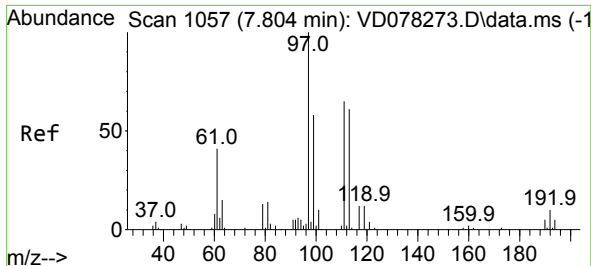
Ion Ratio Lower Upper

114 100

63 10.1 0.0 33.4

88 0.0 0.0 26.2





#35

Dibromofluoromethane

Concen: 53.643 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.012 min

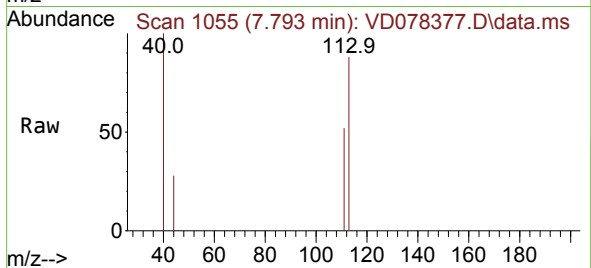
Lab File: VD078377.D

Acq: 08 Feb 2024 18:54

Instrument :

MSVOA_D

ClientSampleId :



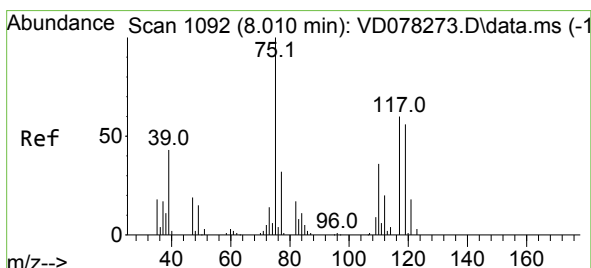
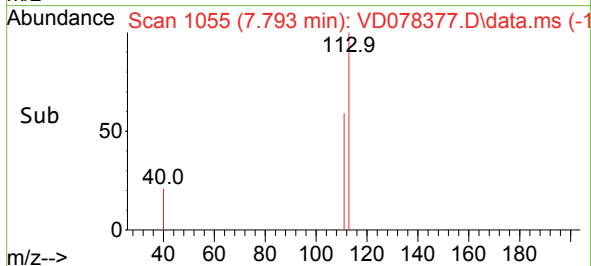
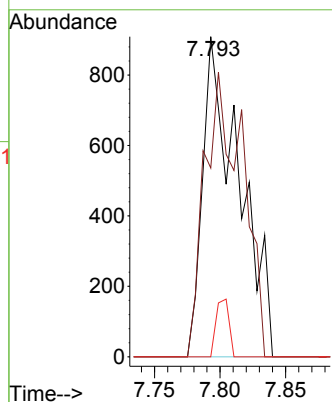
Tgt Ion:113 Resp: 1743

Ion Ratio Lower Upper

113 100

111 93.2 84.7 127.1

192 6.4 16.8 25.2#



#36

1,1-Dichloropropene

Concen: 1.076 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

Lab File: VD078377.D

Acq: 08 Feb 2024 18:54

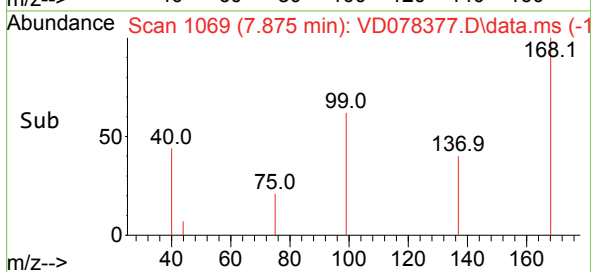
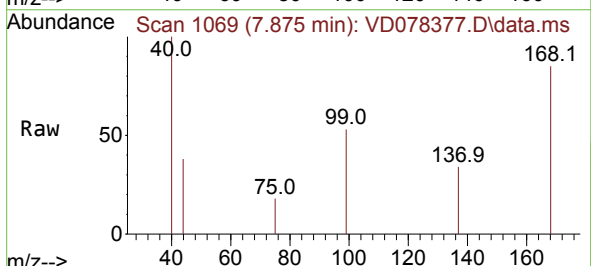
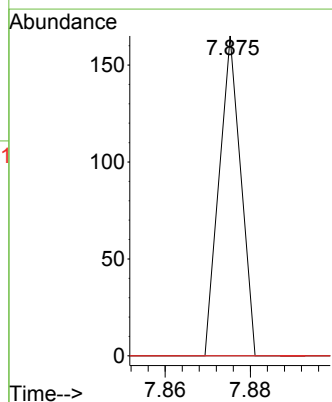
Tgt Ion: 75 Resp: 58

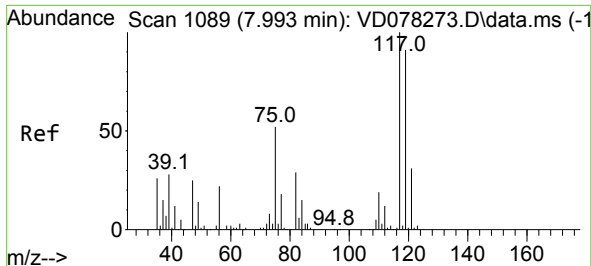
Ion Ratio Lower Upper

75 100

110 0.0 19.9 59.6#

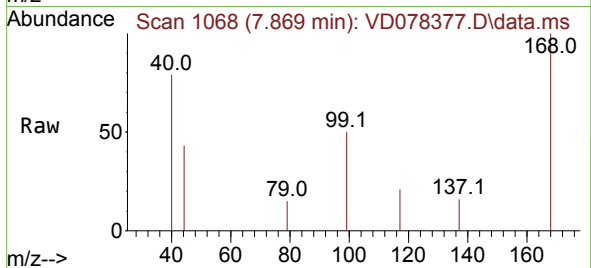
77 0.0 24.7 37.1#



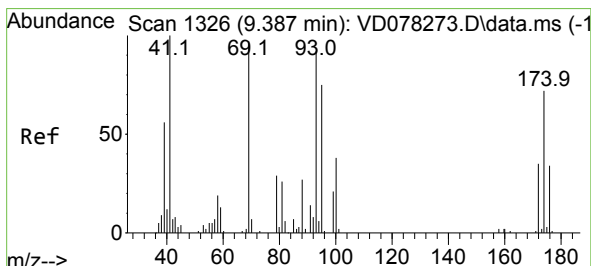
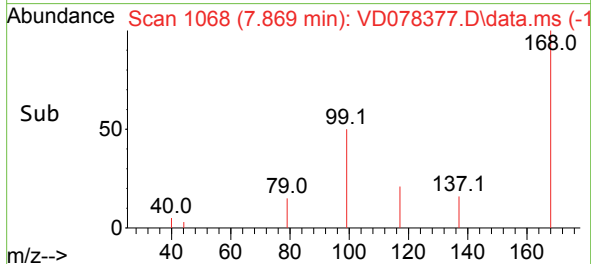
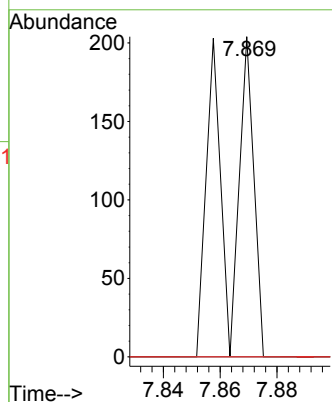


#38
Carbon Tetrachloride
Concen: 2.718 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.123 min
Lab File: VD078377.D
Acq: 08 Feb 2024 18:54

Instrument :
MSVOA_D
ClientSampleId :

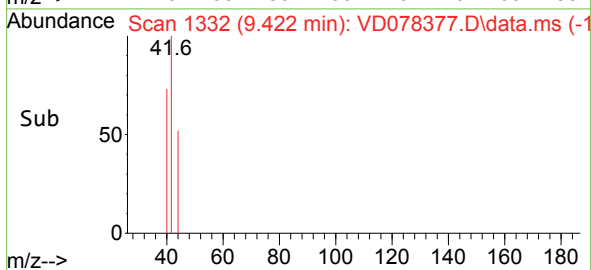
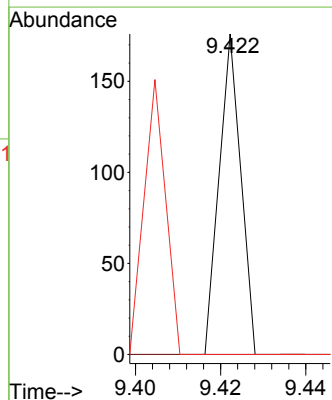
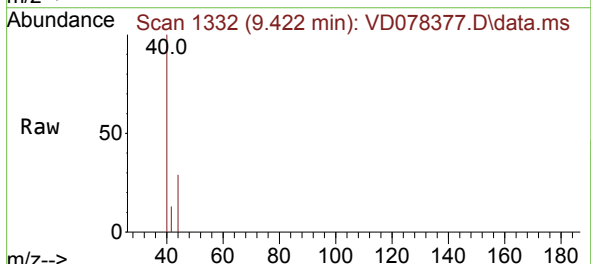


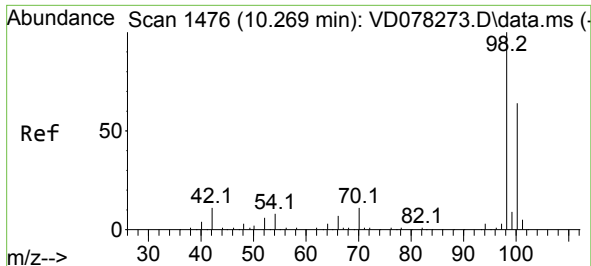
Tgt Ion:117 Resp: 144
Ion Ratio Lower Upper
117 100
119 0.0 78.0 117.0#
121 0.0 24.2 36.2#



#48
Methyl methacrylate
Concen: 3.490 ug/l
RT: 9.422 min Scan# 1332
Delta R.T. 0.036 min
Lab File: VD078377.D
Acq: 08 Feb 2024 18:54

Tgt Ion: 41 Resp: 62
Ion Ratio Lower Upper
41 100
69 0.0 102.2 153.2#
39 85.5 41.4 62.2#

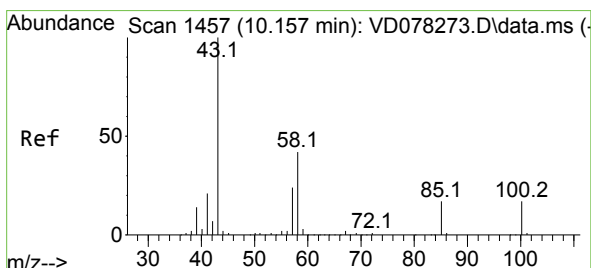
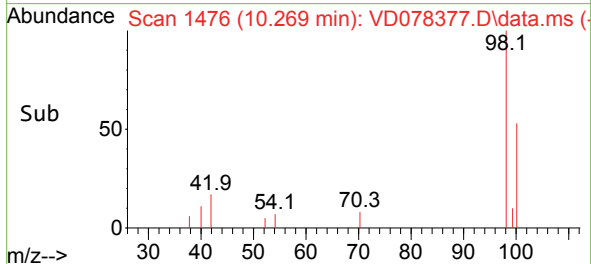
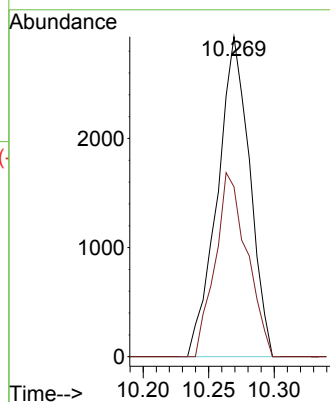
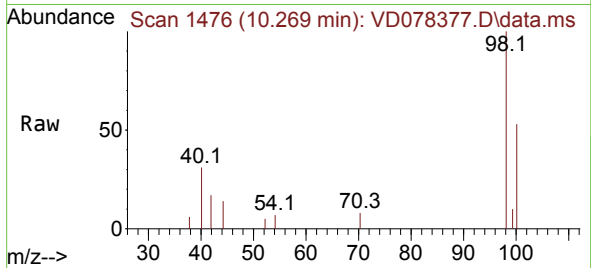




#50
Toluene-d8
Concen: 40.799 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078377.D
Acq: 08 Feb 2024 18:54

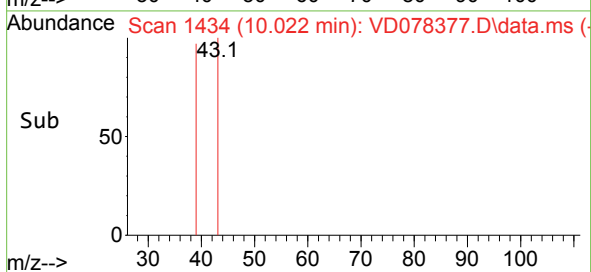
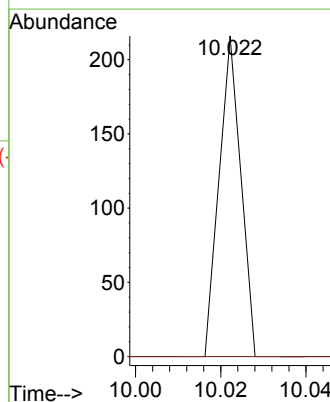
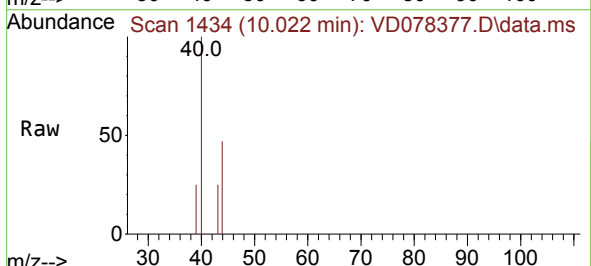
Instrument :
MSVOA_D
ClientSampleId :

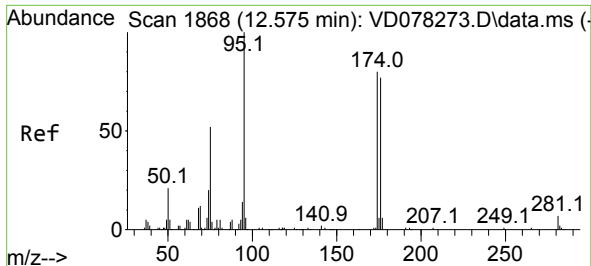
Tgt Ion: 98 Resp: 5019
Ion Ratio Lower Upper
98 100
100 56.6 50.3 75.5



#51
4-Methyl-2-Pentanone
Concen: 3.778 ug/l
RT: 10.022 min Scan# 1434
Delta R.T. -0.135 min
Lab File: VD078377.D
Acq: 08 Feb 2024 18:54

Tgt Ion: 43 Resp: 76
Ion Ratio Lower Upper
43 100
58 0.0 38.9 58.3#

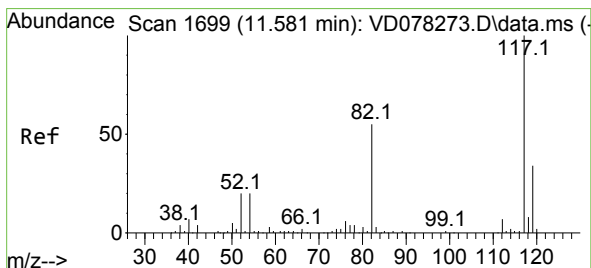
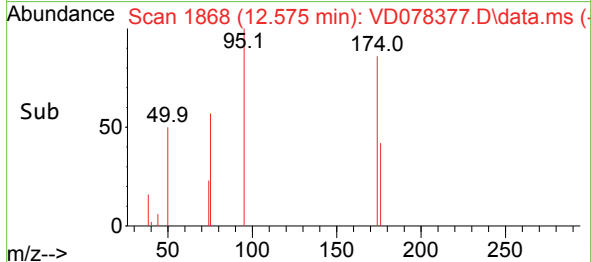
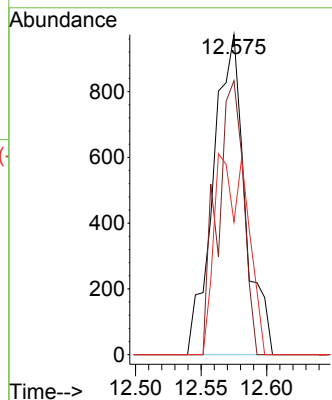
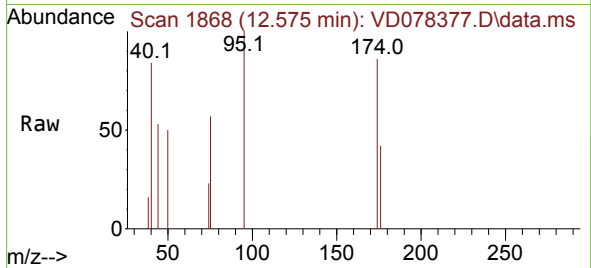




#62
4-Bromofluorobenzene
Concen: 44.408 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078377.D
Acq: 08 Feb 2024 18:54

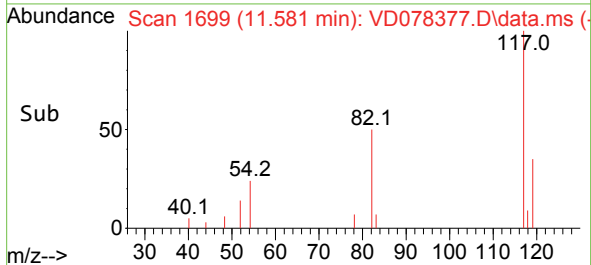
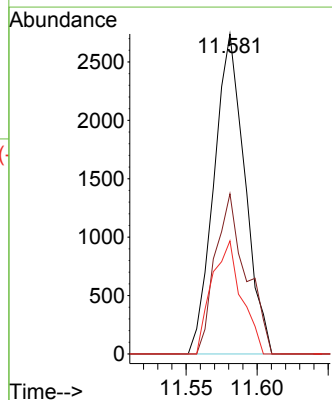
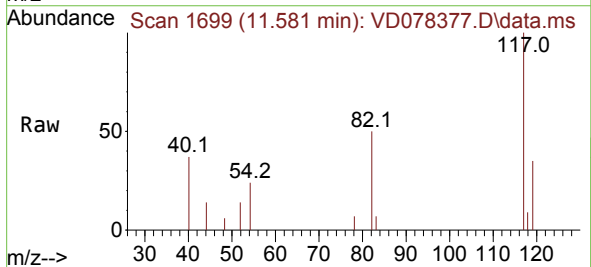
Instrument :
MSVOA_D
ClientSampleId :

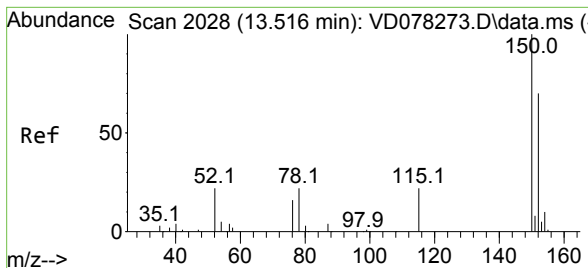
Tgt Ion:	95	Resp:	1636
Ion	Ratio	Lower	Upper
95	100		
174	69.9	0.0	201.8
176	64.4	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD078377.D
Acq: 08 Feb 2024 18:54

Tgt Ion:	117	Resp:	4139
Ion	Ratio	Lower	Upper
117	100		
82	50.0	38.3	57.5
119	35.4	25.0	37.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2028

Delta R.T. 0.006 min

Lab File: VD078377.D

Acq: 08 Feb 2024 18:54

Instrument :

MSVOA_D

ClientSampleId :

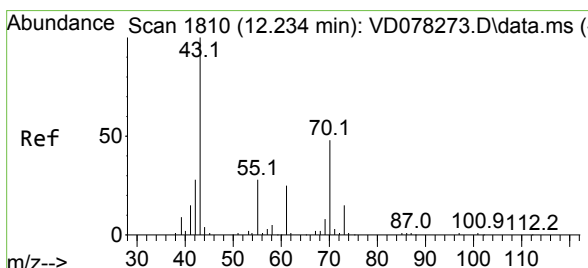
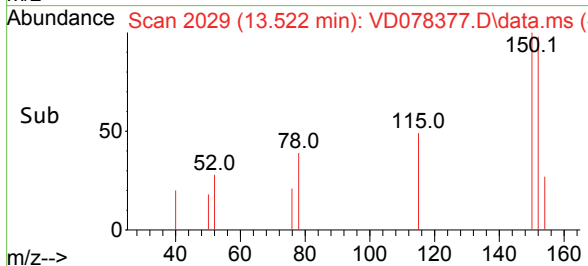
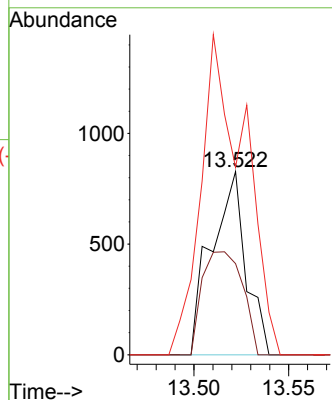
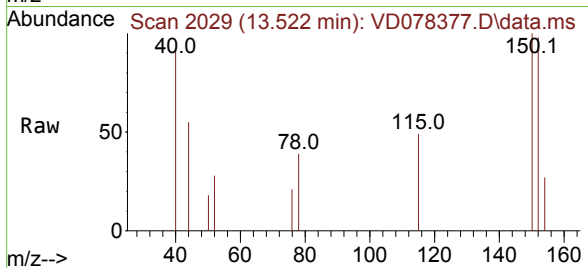
Tgt Ion:152 Resp: 1048

Ion Ratio Lower Upper

152 100

115 65.6 27.1 81.3

150 221.2 0.0 353.6



#74

N-ethyl acetate

Concen: 3.653 ug/l

RT: 12.457 min Scan# 1848

Delta R.T. 0.224 min

Lab File: VD078377.D

Acq: 08 Feb 2024 18:54

Tgt Ion: 43 Resp: 67

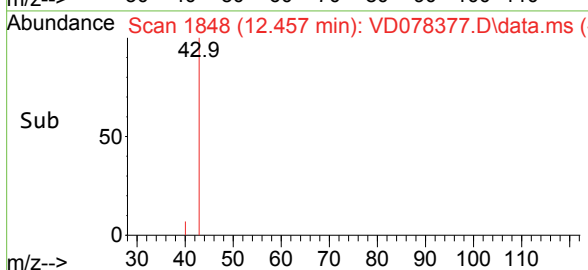
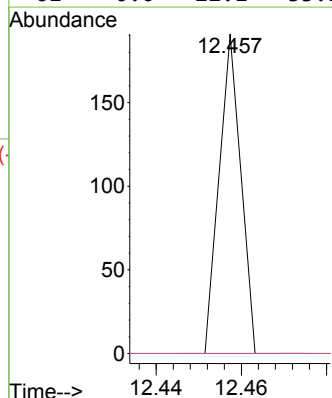
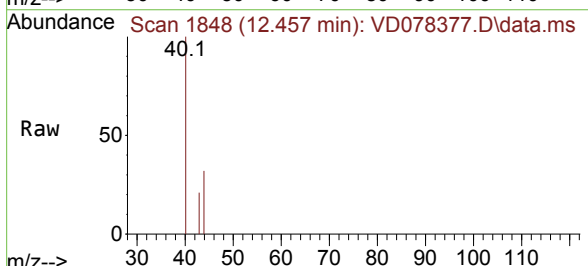
Ion Ratio Lower Upper

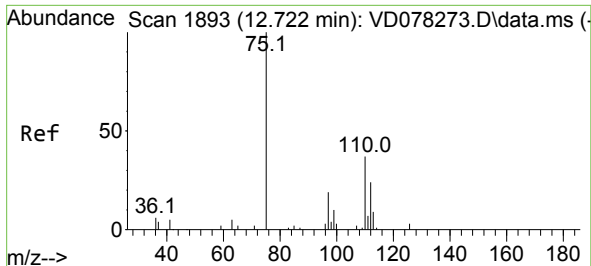
43 100

70 0.0 45.0 67.4#

55 0.0 23.8 35.6#

61 0.0 22.1 33.1#

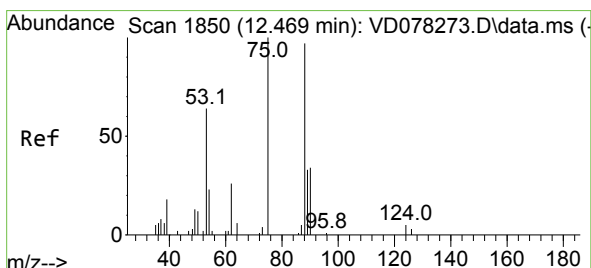
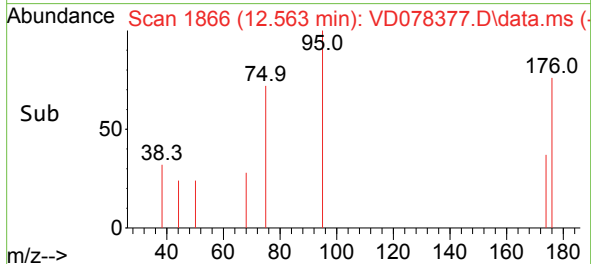
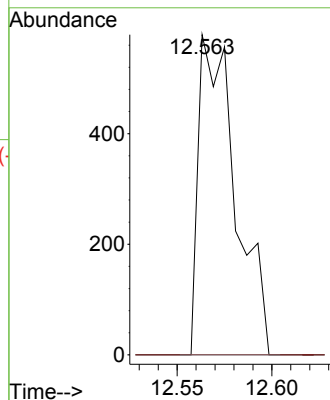
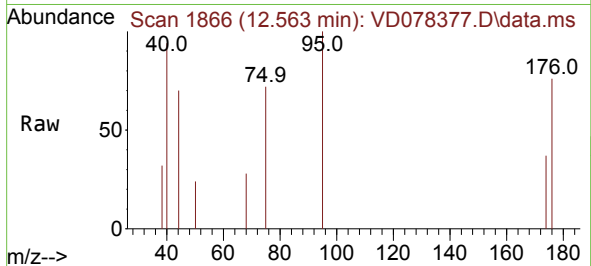




#76
1,2,3-Trichloropropane
Concen: 71.757 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. -0.159 min
Lab File: VD078377.D
Acq: 08 Feb 2024 18:54

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 786
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 142.711 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. 0.094 min
Lab File: VD078377.D
Acq: 08 Feb 2024 18:54

Tgt Ion: 75 Resp: 786
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#

