

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021524\
 Data File : VD078434.D
 Acq On : 15 Feb 2024 14:27
 Operator : RP/MD
 Sample : P1473-03
 Misc : 5.01G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-04-021424

Quant Time: Feb 16 02:35:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

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

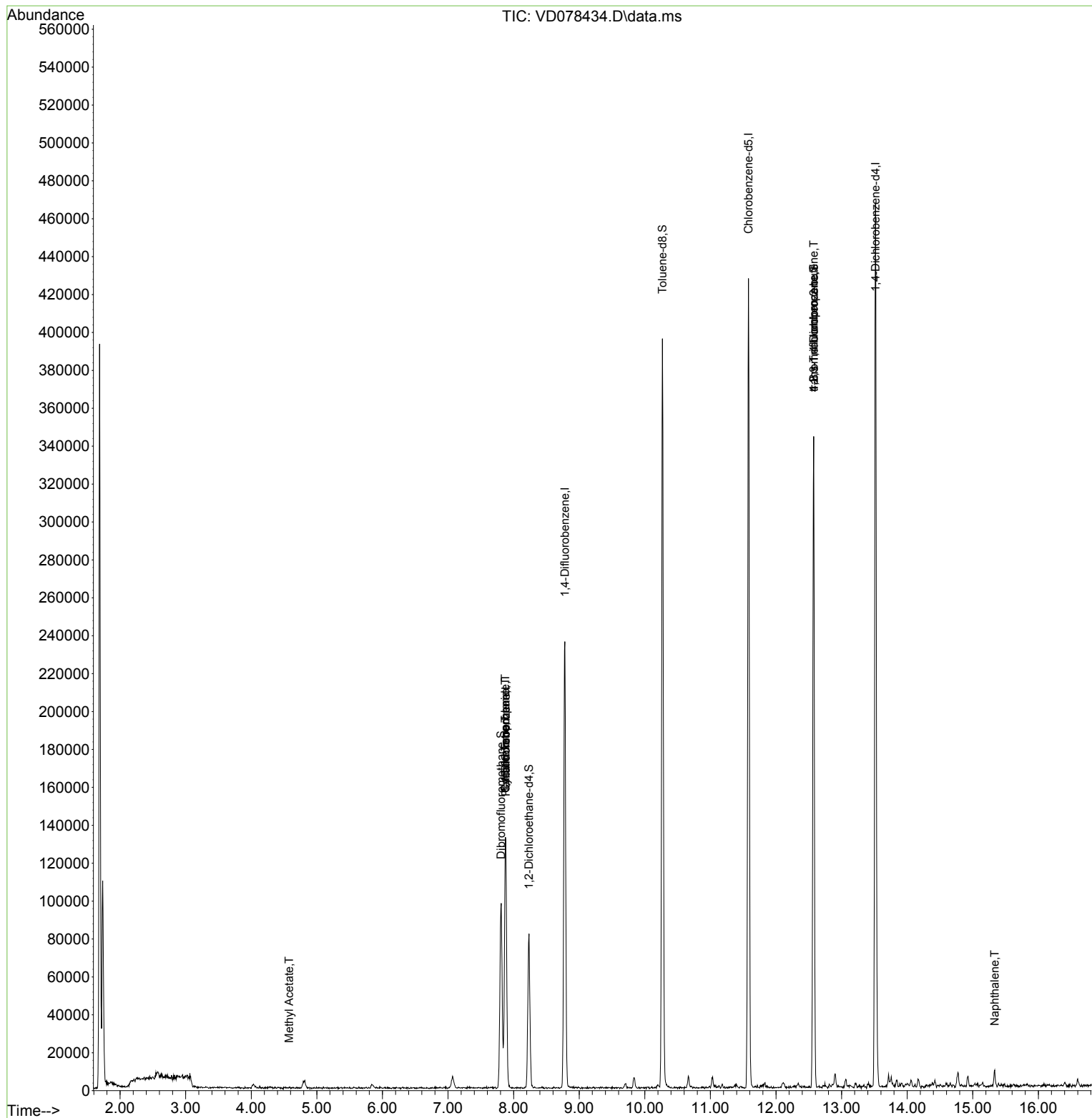
Internal Standards						
1) Pentafluorobenzene	7.881	168	103413	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	218204	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	254260	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	127394	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	59701	53.393	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.780%	
35) Dibromofluoromethane	7.810	113	72064	51.992	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.980%	
50) Toluene-d8	10.269	98	272824	49.205	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.420%	
62) 4-Bromofluorobenzene	12.575	95	104292	64.636	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 129.280%	
Target Compounds						
					Qvalue	
16) Acetone	4.034	43	3017	Below Cal	#	71
18) Methyl Acetate	4.575	43	62	4.011	ug/l #	42
20) Methylene Chloride	4.793	84	1381	Below Cal		84
23) Vinyl Acetate	6.146	43	55	Below Cal	#	63
25) 2-Butanone	7.069	43	282	Below Cal	#	37
31) Cyclohexane	7.875	56	2299	1.215	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	8414	3.908	ug/l #	46
38) Carbon Tetrachloride	7.875	117	10362	4.859	ug/l #	14
76) 1,2,3-Trichloropropane	12.575	75	55219	51.056	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	55219	105.993	ug/l #	17
95) Naphthalene	15.334	128	6966	1.774	ug/l #	94

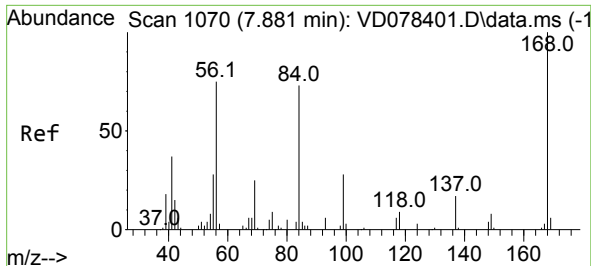
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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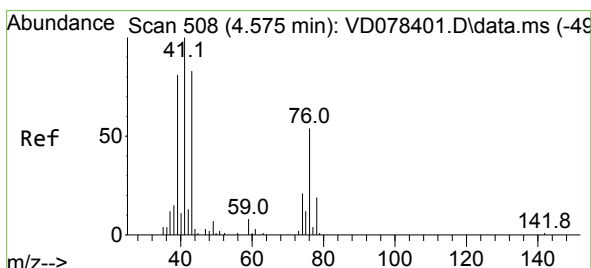
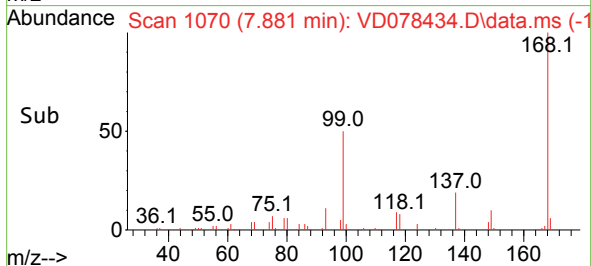
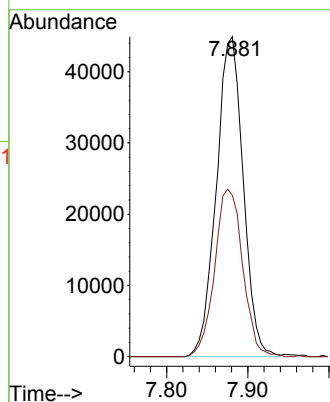
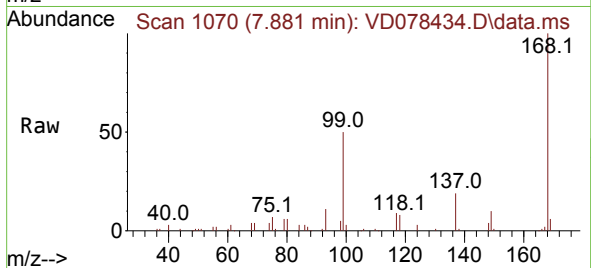




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078434.D
Acq: 15 Feb 2024 14:27

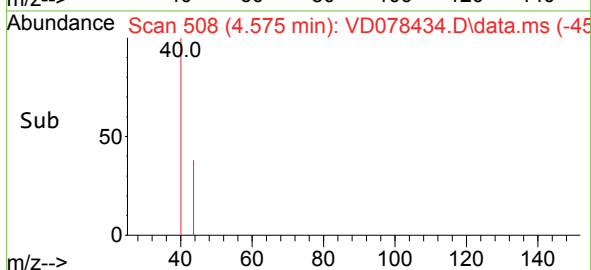
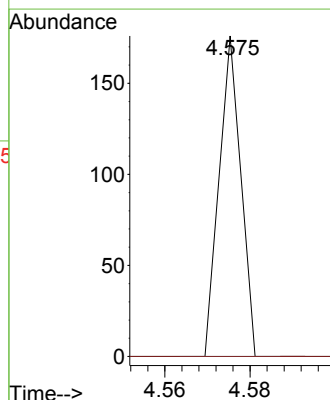
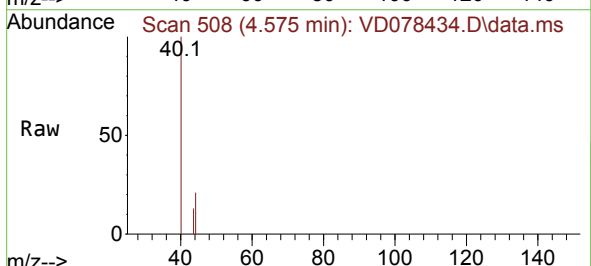
Instrument :
MSVOA_D
ClientSampleId :
SU-04-021424

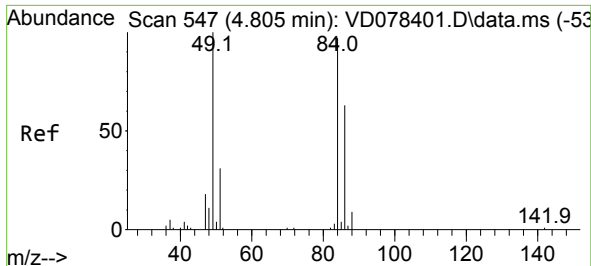
Tgt Ion:168 Resp: 103413
Ion Ratio Lower Upper
168 100
99 50.4 36.7 55.1



#18
Methyl Acetate
Concen: 4.011 ug/l
RT: 4.575 min Scan# 508
Delta R.T. 0.000 min
Lab File: VD078434.D
Acq: 15 Feb 2024 14:27

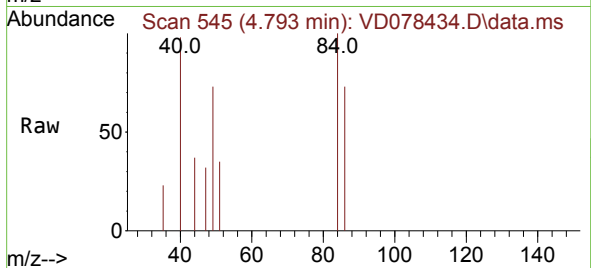
Tgt Ion: 43 Resp: 62
Ion Ratio Lower Upper
43 100
74 0.0 26.4 39.6#



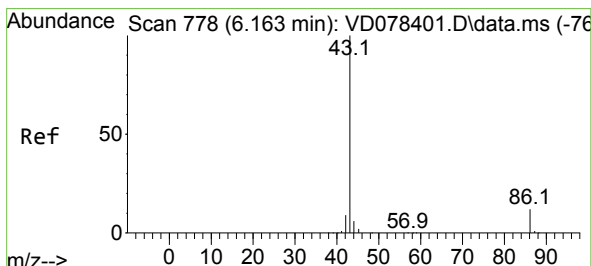
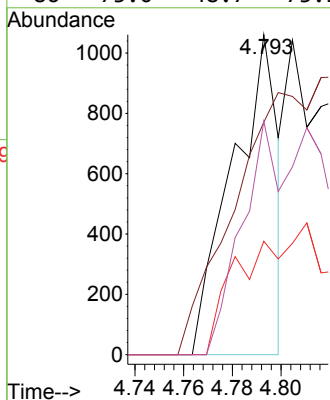
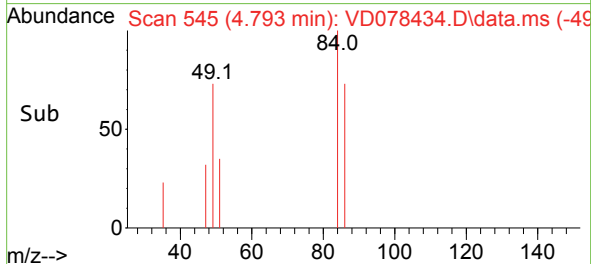


#20
Methylene Chloride
Concen: Below Cal
RT: 4.793 min Scan# 547
Delta R.T. -0.012 min
Lab File: VD078434.D
Acq: 15 Feb 2024 14:27

Instrument :
MSVOA_D
ClientSampleId :
SU-04-021424

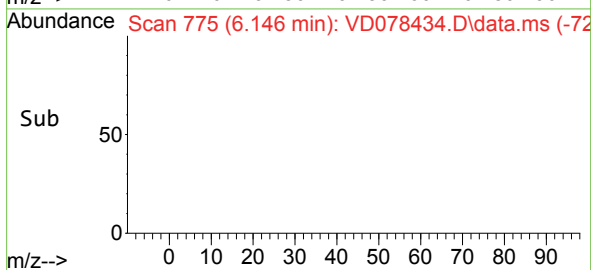
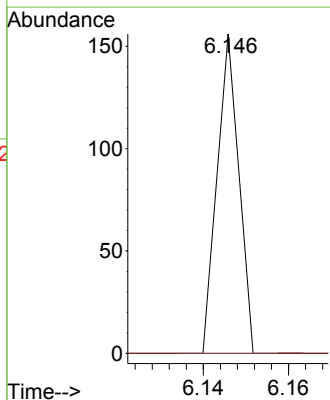
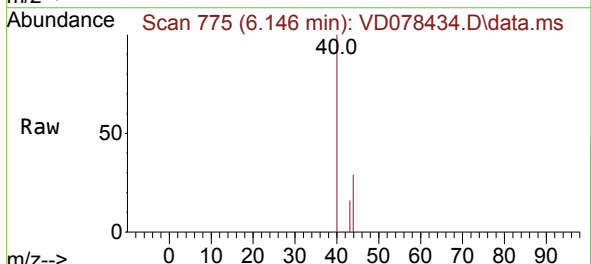


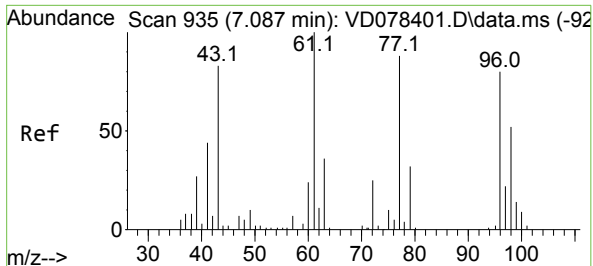
Tgt Ion: 84	Resp: 1381
Ion Ratio	Lower Upper
84 100	
49 72.7	71.4 107.2
51 35.4	24.5 36.7
86 73.0	48.7 73.1



#23
Vinyl Acetate
Concen: Below Cal
RT: 6.146 min Scan# 775
Delta R.T. -0.017 min
Lab File: VD078434.D
Acq: 15 Feb 2024 14:27

Tgt Ion: 43	Resp: 55
Ion Ratio	Lower Upper
43 100	
86 0.0	12.5 18.7#

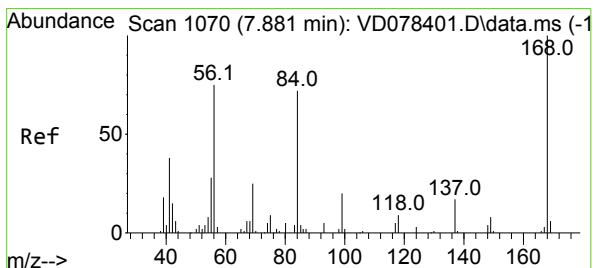
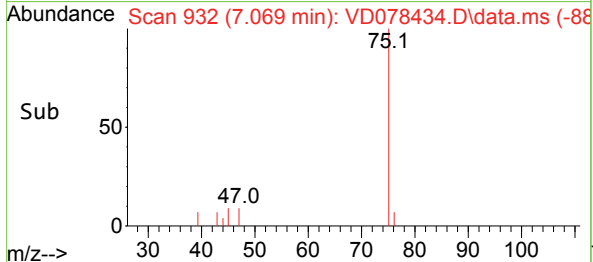
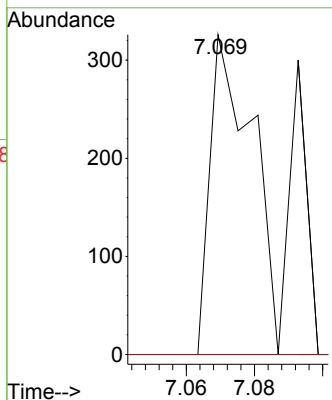
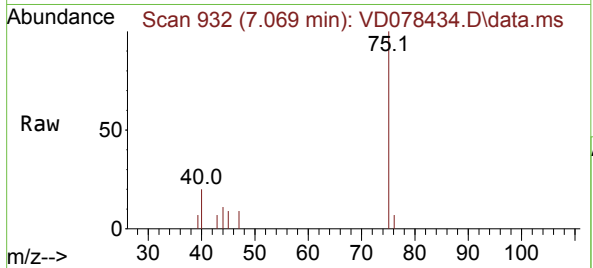




#25
2-Butanone
Concen: Below Cal
RT: 7.069 min Scan# 91
Delta R.T. -0.018 min
Lab File: VD078434.D
Acq: 15 Feb 2024 14:27

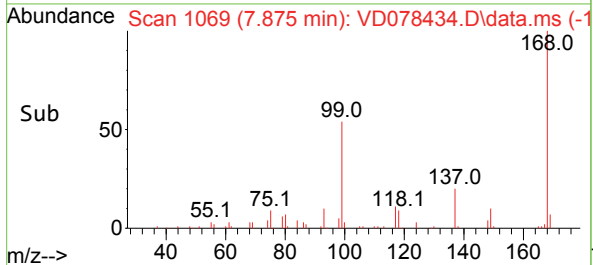
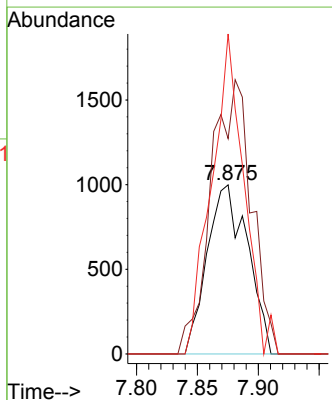
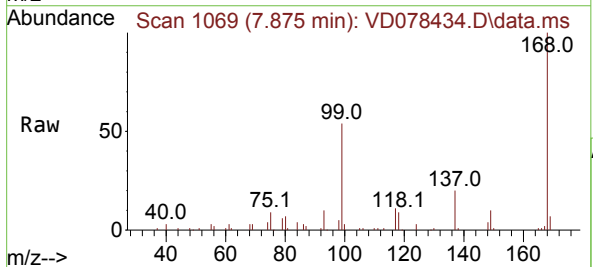
Instrument :
MSVOA_D
ClientSampleId :
SU-04-021424

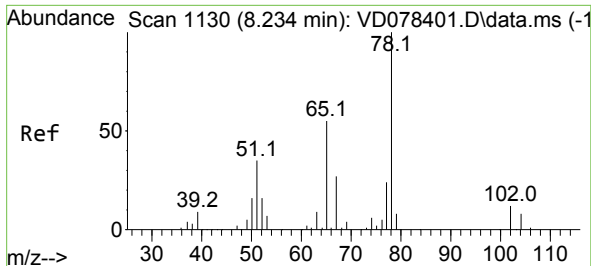
Tgt Ion: 43 Resp: 282
Ion Ratio Lower Upper
43 100
72 0.0 30.7 46.1#



#31
Cyclohexane
Concen: 1.215 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078434.D
Acq: 15 Feb 2024 14:27

Tgt Ion: 56 Resp: 2299
Ion Ratio Lower Upper
56 100
69 127.3 28.6 43.0#
84 189.2 84.8 127.2#





#33

1,2-Dichloroethane-d4

Concen: 53.393 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078434.D

Acq: 15 Feb 2024 14:27

Instrument :

MSVOA_D

ClientSampleId :

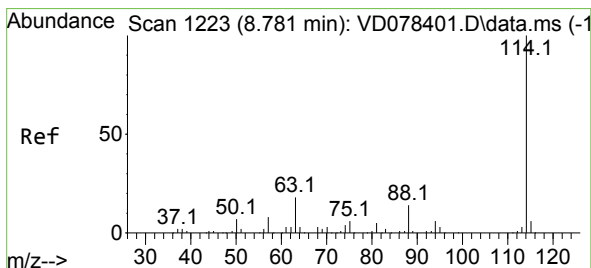
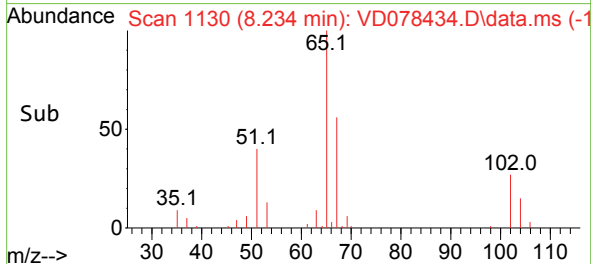
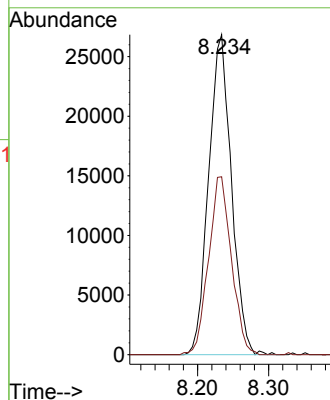
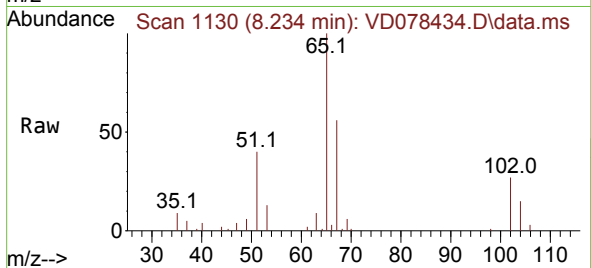
SU-04-021424

Tgt Ion: 65 Resp: 59701

Ion Ratio Lower Upper

65 100

67 56.0 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.000 min

Lab File: VD078434.D

Acq: 15 Feb 2024 14:27

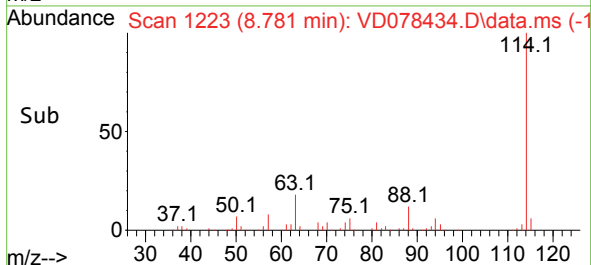
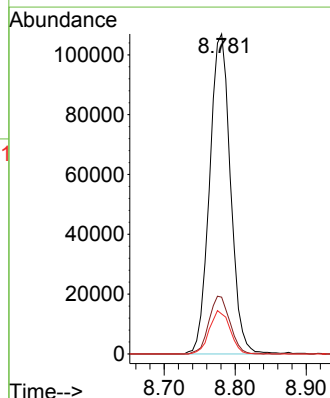
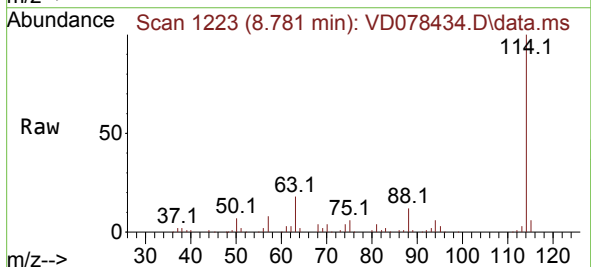
Tgt Ion: 114 Resp: 218204

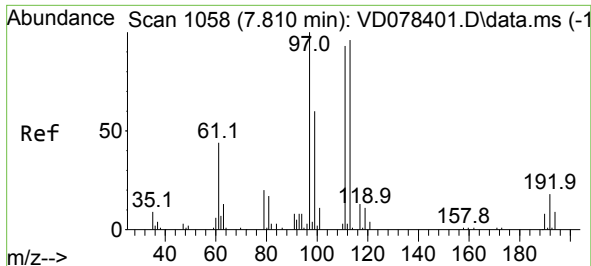
Ion Ratio Lower Upper

114 100

63 17.7 0.0 33.4

88 12.5 0.0 26.2





#35

Dibromofluoromethane

Concen: 51.992 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD078434.D

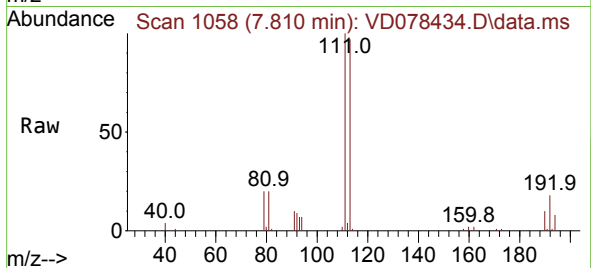
Acq: 15 Feb 2024 14:27

Instrument :

MSVOA_D

ClientSampleId :

SU-04-021424



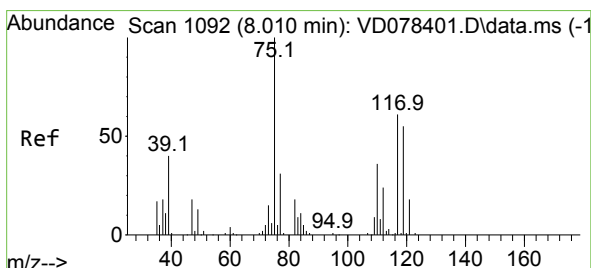
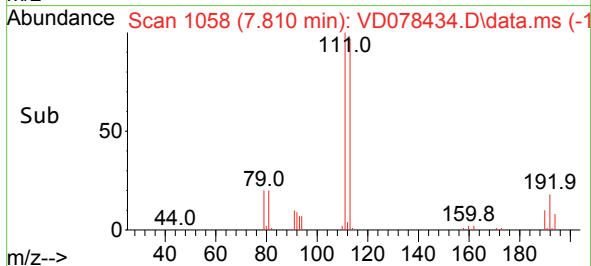
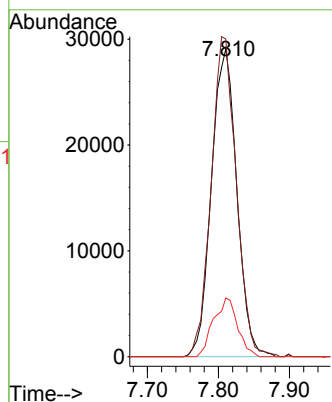
Tgt Ion:113 Resp: 72064

Ion Ratio Lower Upper

113 100

111 102.7 84.7 127.1

192 18.0 16.8 25.2



#36

1,1-Dichloropropene

Concen: 3.908 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

Lab File: VD078434.D

Acq: 15 Feb 2024 14:27

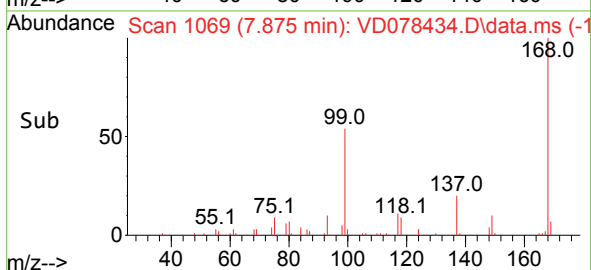
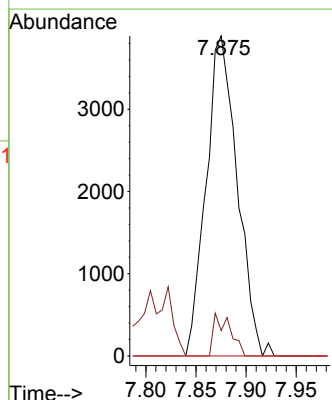
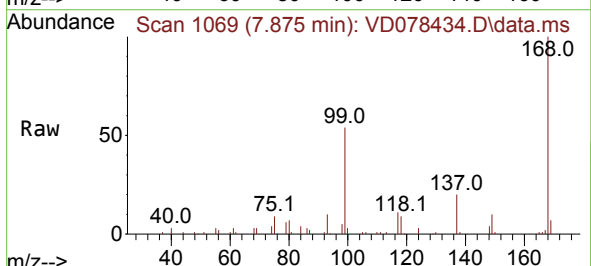
Tgt Ion: 75 Resp: 8414

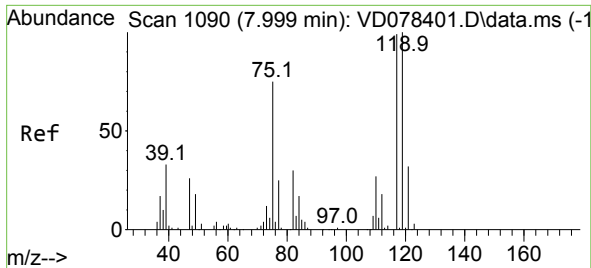
Ion Ratio Lower Upper

75 100

110 7.1 19.9 59.6#

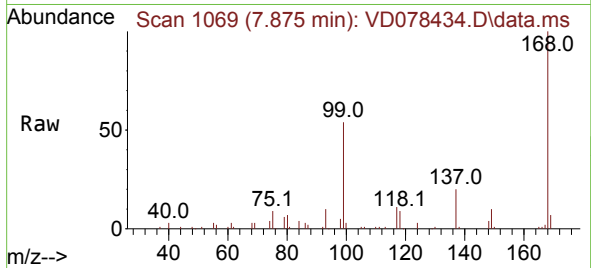
77 0.0 24.7 37.1#



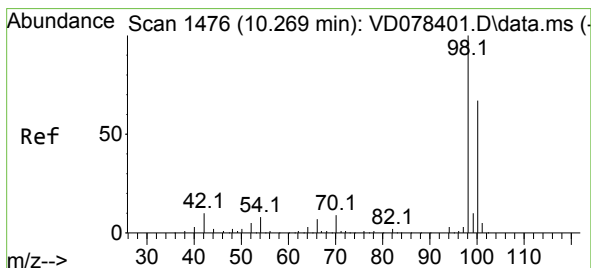
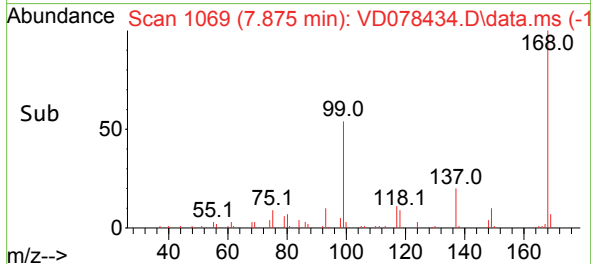
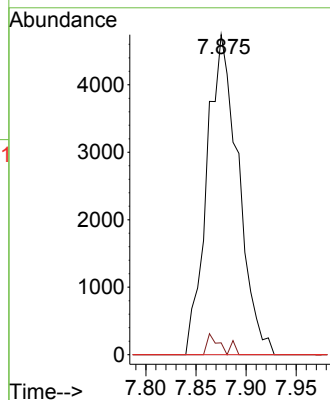


#38
Carbon Tetrachloride
Concen: 4.859 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.124 min
Lab File: VD078434.D
Acq: 15 Feb 2024 14:27

Instrument :
MSVOA_D
ClientSampleId :
SU-04-021424

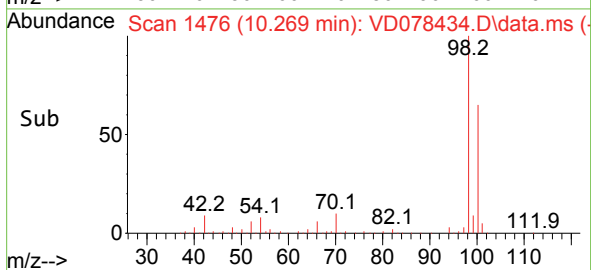
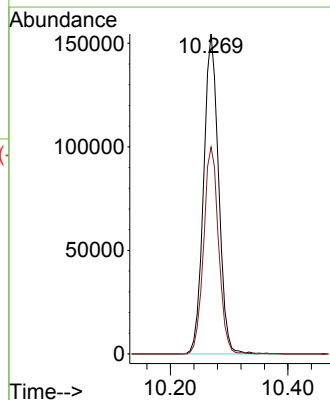
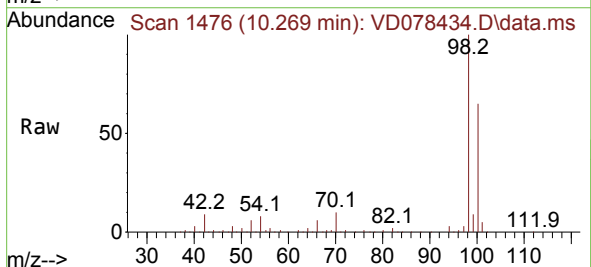


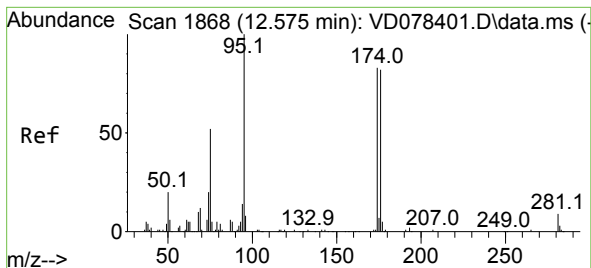
Tgt Ion:117 Resp: 10362
Ion Ratio Lower Upper
117 100
119 3.7 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 49.205 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078434.D
Acq: 15 Feb 2024 14:27

Tgt Ion: 98 Resp: 272824
Ion Ratio Lower Upper
98 100
100 64.6 50.3 75.5

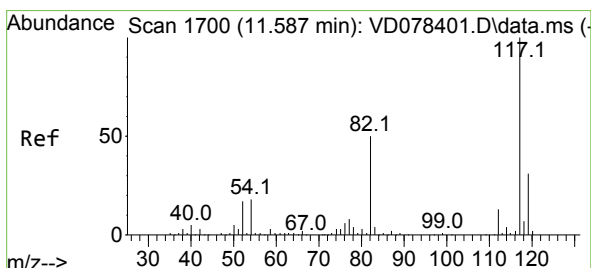
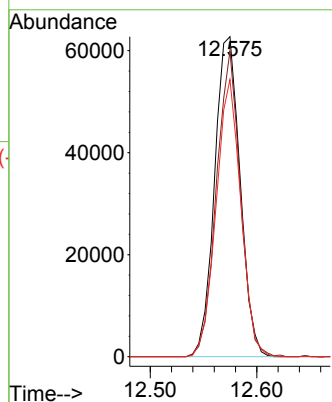
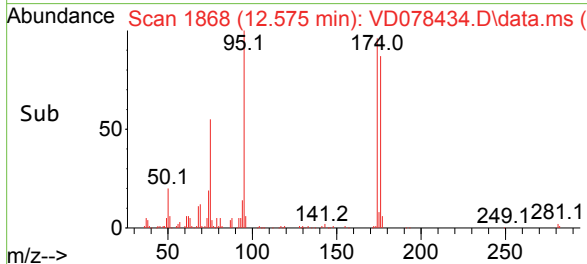
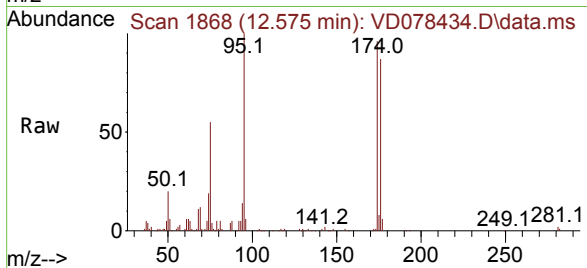




#62
4-Bromofluorobenzene
Concen: 64.636 ug/l
RT: 12.575 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD078434.D
Acq: 15 Feb 2024 14:27

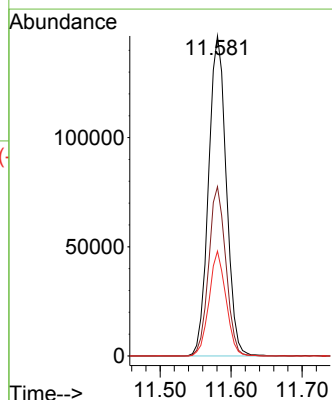
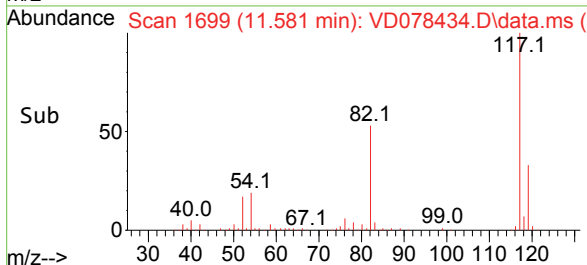
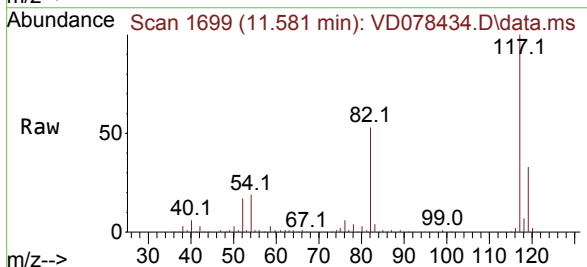
Instrument :
MSVOA_D
ClientSampleId :
SU-04-021424

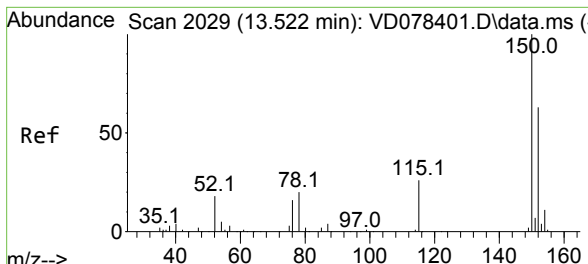
Tgt Ion: 95 Resp: 104292
Ion Ratio Lower Upper
95 100
174 89.4 0.0 201.8
176 83.9 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD078434.D
Acq: 15 Feb 2024 14:27

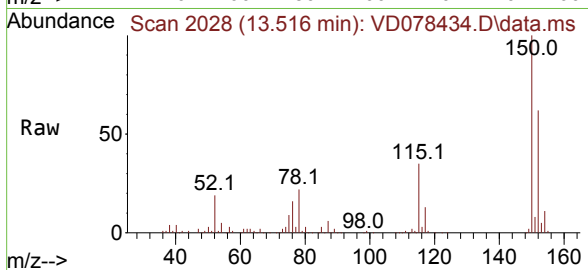
Tgt Ion: 117 Resp: 254260
Ion Ratio Lower Upper
117 100
82 52.9 38.3 57.5
119 32.8 25.0 37.4



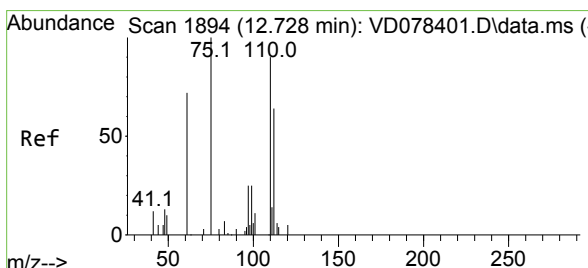
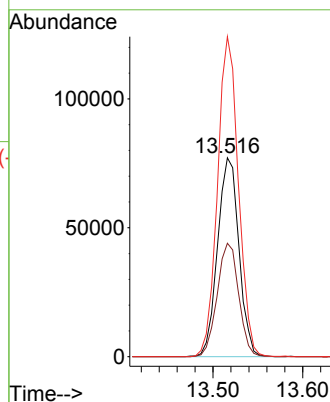
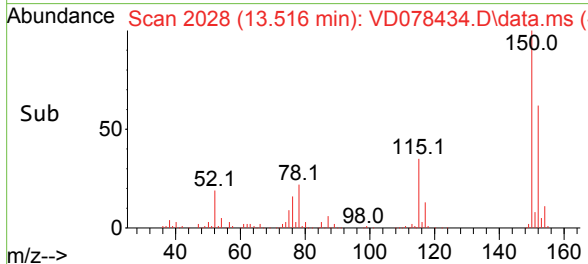


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2029
 Delta R.T. -0.006 min
 Lab File: VD078434.D
 Acq: 15 Feb 2024 14:27

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-04-021424

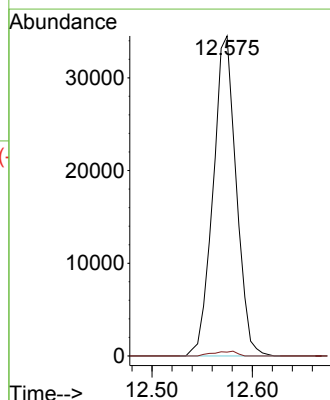
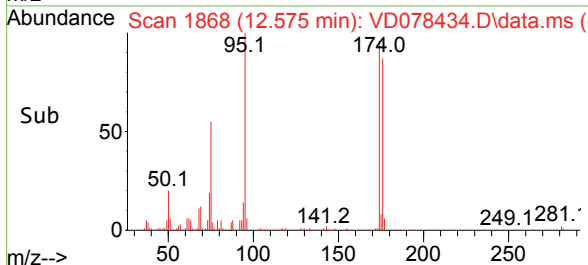
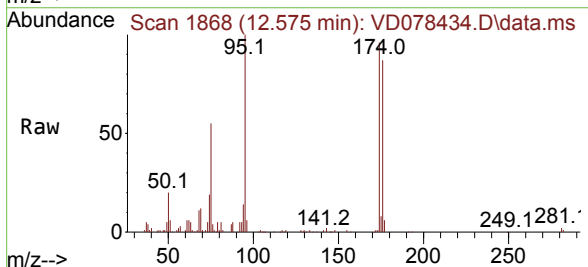


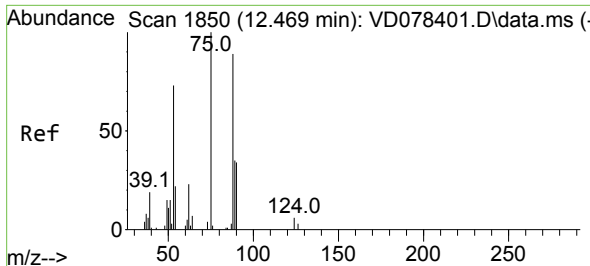
Tgt Ion:152 Resp: 127394
 Ion Ratio Lower Upper
 152 100
 115 57.5 27.1 81.3
 150 157.6 0.0 353.6



#76
 1,2,3-Trichloropropane
 Concen: 51.056 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.153 min
 Lab File: VD078434.D
 Acq: 15 Feb 2024 14:27

Tgt Ion: 75 Resp: 55219
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#

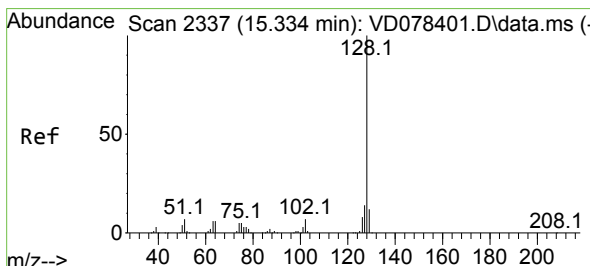
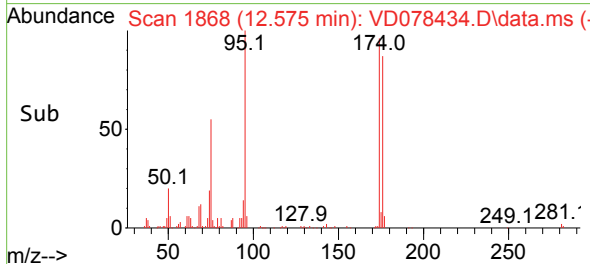
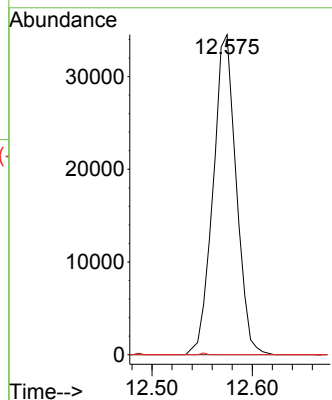
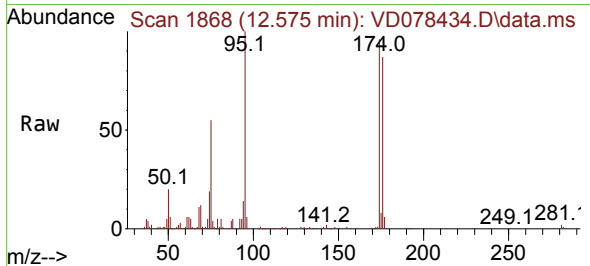




#81
trans-1,4-Dichloro-2-butene
Concen: 105.993 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD078434.D
Acq: 15 Feb 2024 14:27

Instrument :
MSVOA_D
ClientSampleId :
SU-04-021424

Tgt Ion:	75	Resp:	55219
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.0	94.4#
89	0.0	37.9	56.9#



#95
Naphthalene
Concen: 1.774 ug/l
RT: 15.334 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD078434.D
Acq: 15 Feb 2024 14:27

Tgt Ion:	128	Resp:	6966
Ion	Ratio	Lower	Upper
128	100		
127	16.5	10.5	15.7#
129	9.8	8.7	13.1

