

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021424\
 Data File : VD078414.D
 Acq On : 14 Feb 2024 15:11
 Operator : RP/MD
 Sample : P1444-02RE
 Misc : 5.08G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

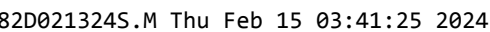
Quant Time: Feb 15 03:41:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

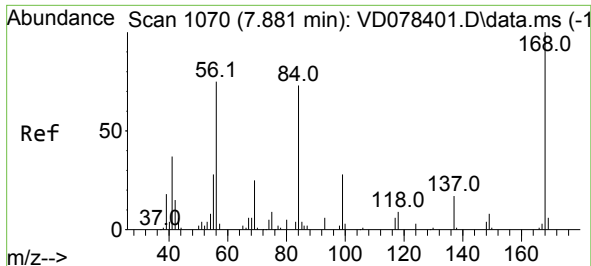
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.881	168	118288	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	252193	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	288430	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	133948	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	65603	51.293	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.580%	
35) Dibromofluoromethane	7.810	113	82676	51.609	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.220%	
50) Toluene-d8	10.269	98	337712	52.699	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.400%	
62) 4-Bromofluorobenzene	12.574	95	109150	58.530	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 117.060%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.040	59	54	Below Cal	#	73
16) Acetone	4.034	43	313	Below Cal	#	51
18) Methyl Acetate	4.375	43	84	4.025	ug/l #	42
20) Methylene Chloride	4.804	84	5920	1.062	ug/l #	90
23) Vinyl Acetate	6.292	43	54	Below Cal	#	63
25) 2-Butanone	6.810	43	53	Below Cal	#	37
31) Cyclohexane	7.881	56	2745	1.269	ug/l #	1
36) 1,1-Dichloropropene	7.881	75	10002	4.019	ug/l #	47
38) Carbon Tetrachloride	7.886	117	12100	4.910	ug/l #	17
76) 1,2,3-Trichloropropane	12.574	75	59633	52.439	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.574	75	59633	108.865	ug/l #	17

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

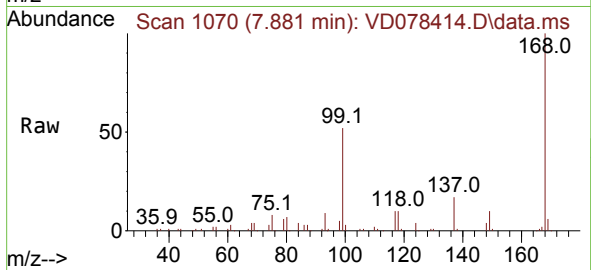
Quant Time: Feb 15 03:41:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 14 01:16:20 2024
Response via : Initial Calibration



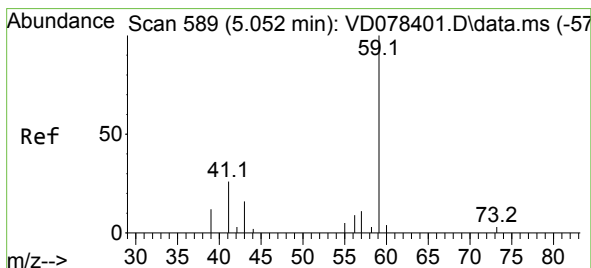
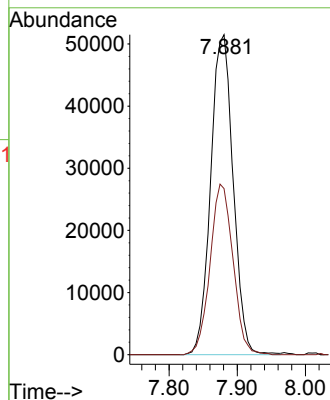
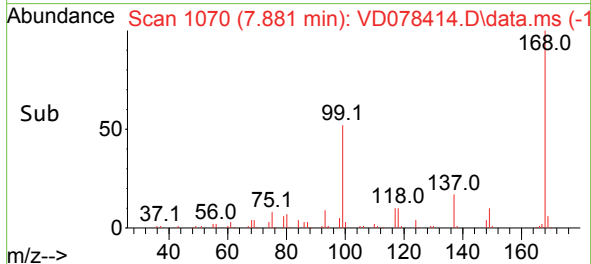


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078414.D
Acq: 14 Feb 2024 15:11

Instrument :
MSVOA_D
ClientSampleId :

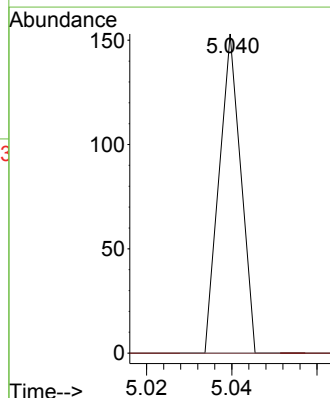
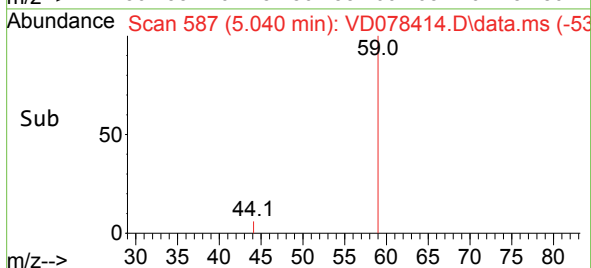
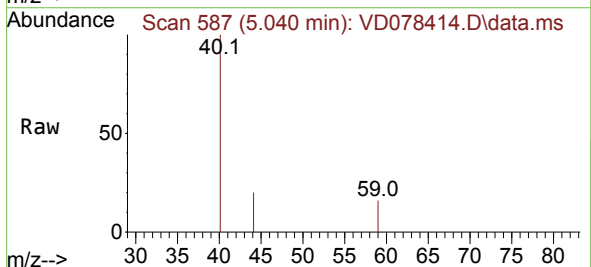


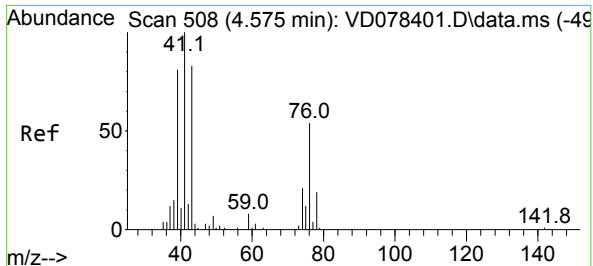
Tgt Ion:168 Resp: 118288
Ion Ratio Lower Upper
168 100
99 51.9 36.7 55.1



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.040 min Scan# 587
Delta R.T. -0.012 min
Lab File: VD078414.D
Acq: 14 Feb 2024 15:11

Tgt Ion: 59 Resp: 54
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

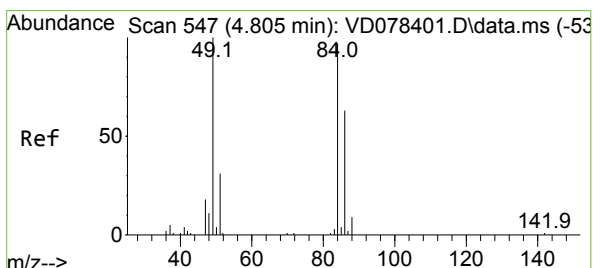
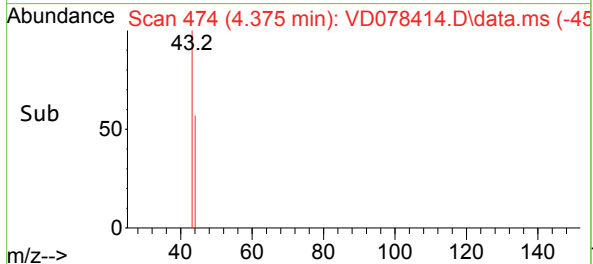
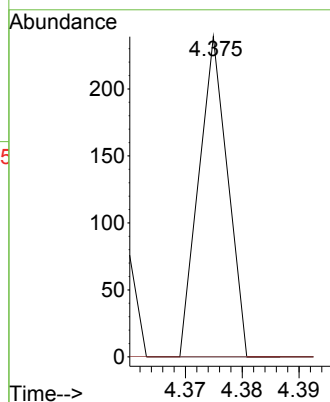
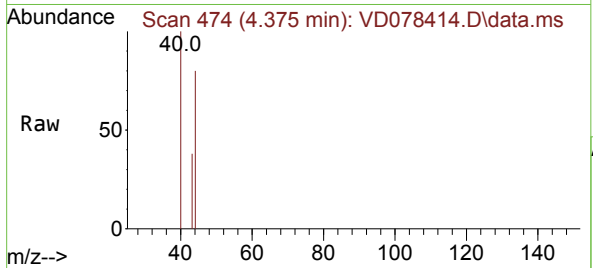




#18
Methyl Acetate
Concen: 4.025 ug/l
RT: 4.375 min Scan# 41
Delta R.T. -0.200 min
Lab File: VD078414.D
Acq: 14 Feb 2024 15:11

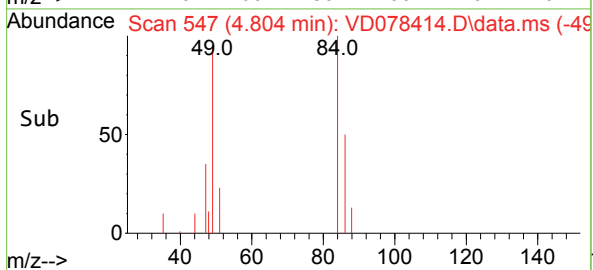
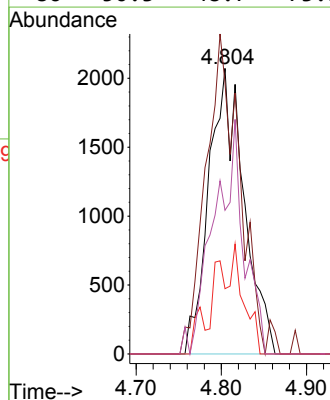
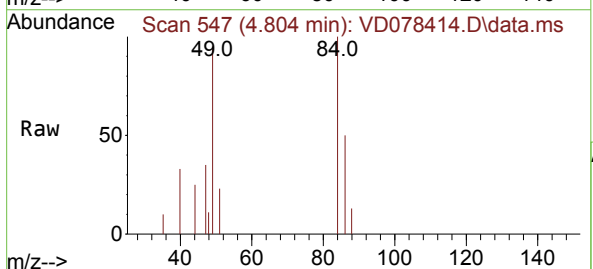
Instrument :
MSVOA_D
ClientSampleId :

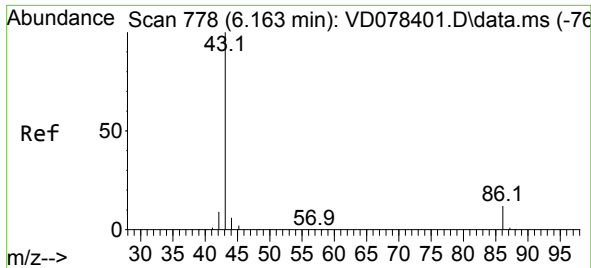
Tgt Ion: 43 Resp: 84
Ion Ratio Lower Upper
43 100
74 0.0 26.4 39.6#



#20
Methylene Chloride
Concen: 1.062 ug/l
RT: 4.804 min Scan# 547
Delta R.T. -0.001 min
Lab File: VD078414.D
Acq: 14 Feb 2024 15:11

Tgt Ion: 84 Resp: 5920
Ion Ratio Lower Upper
84 100
49 95.0 71.4 107.2
51 22.8 24.5 36.7#
86 50.3 48.7 73.1

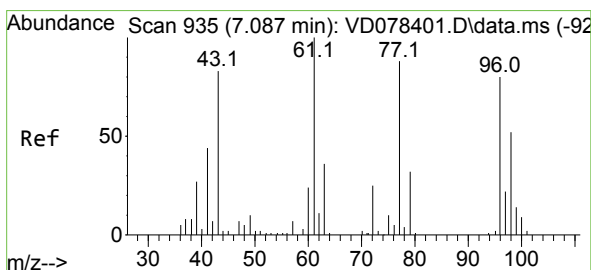
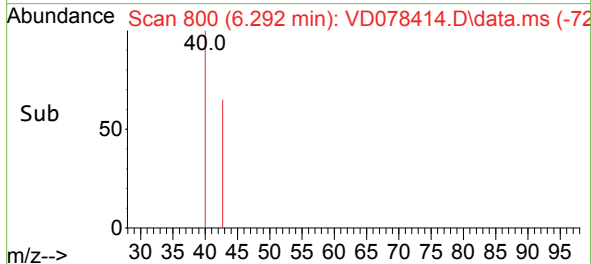
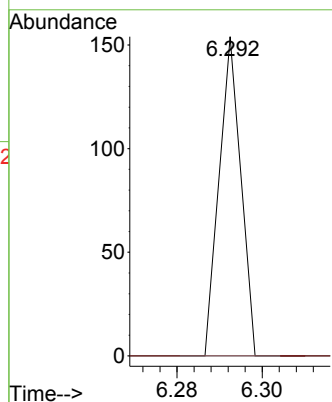
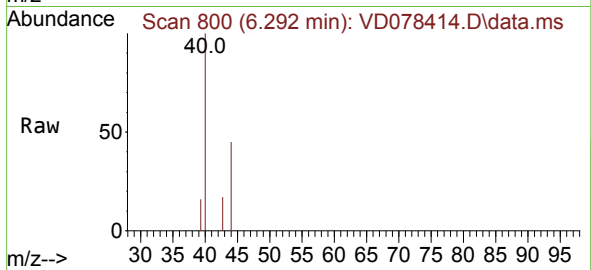




#23
 Vinyl Acetate
 Concen: Below Cal
 RT: 6.292 min Scan# 80
 Delta R.T. 0.129 min
 Lab File: VD078414.D
 Acq: 14 Feb 2024 15:11

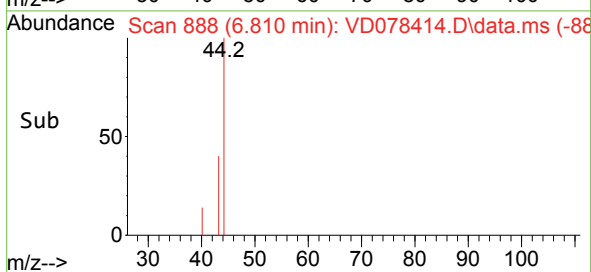
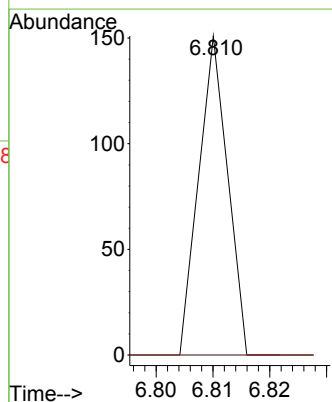
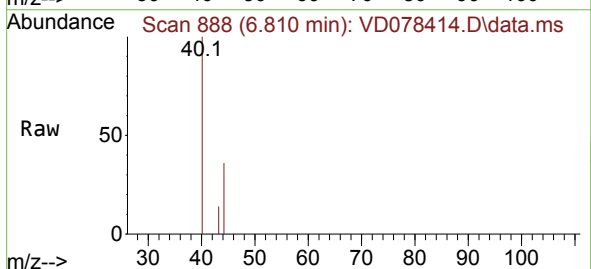
Instrument :
 MSVOA_D
 ClientSampleId :

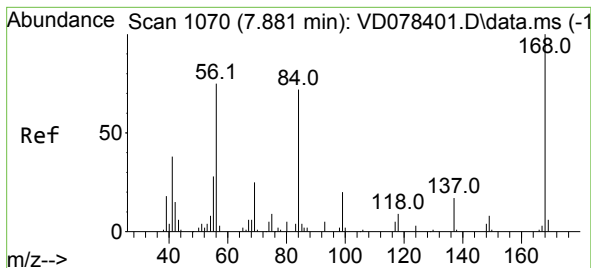
Tgt Ion: 43 Resp: 54
 Ion Ratio Lower Upper
 43 100
 86 0.0 12.5 18.7#



#25
 2-Butanone
 Concen: Below Cal
 RT: 6.810 min Scan# 888
 Delta R.T. -0.277 min
 Lab File: VD078414.D
 Acq: 14 Feb 2024 15:11

Tgt Ion: 43 Resp: 53
 Ion Ratio Lower Upper
 43 100
 72 0.0 30.7 46.1#





#31

Cyclohexane

Concen: 1.269 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.000 min

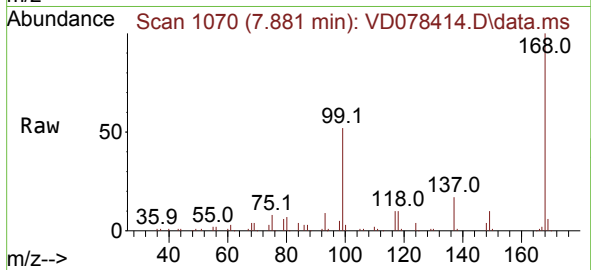
Lab File: VD078414.D

Acq: 14 Feb 2024 15:11

Instrument :

MSVOA_D

ClientSampleId :



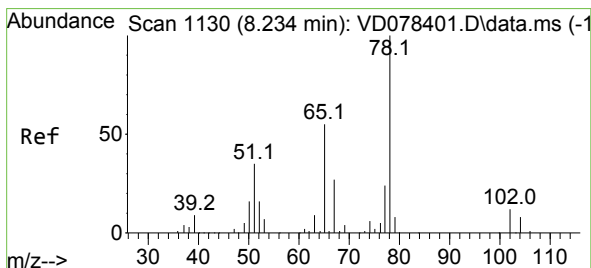
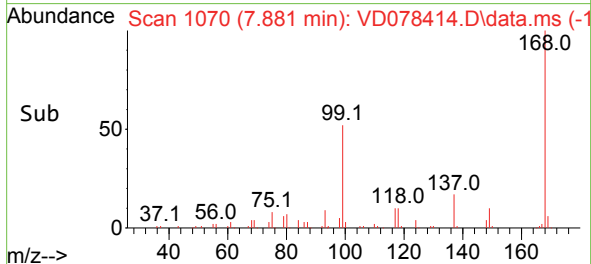
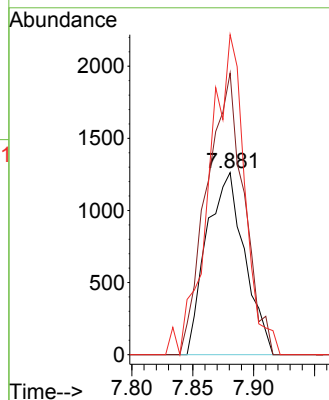
Tgt Ion: 56 Resp: 2745

Ion Ratio Lower Upper

56 100

69 154.6 28.6 43.0#

84 175.7 84.8 127.2#



#33

1,2-Dichloroethane-d4

Concen: 51.293 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD078414.D

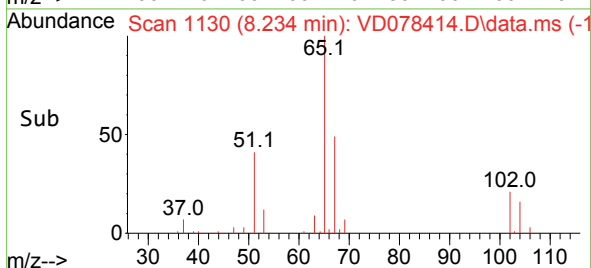
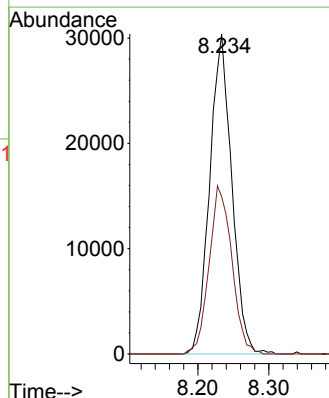
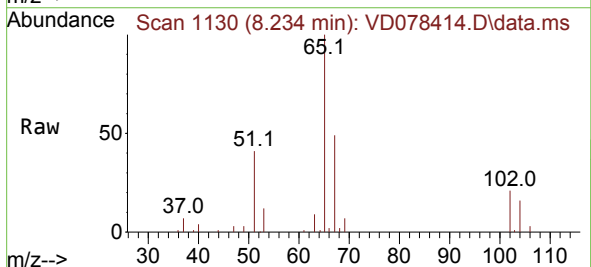
Acq: 14 Feb 2024 15:11

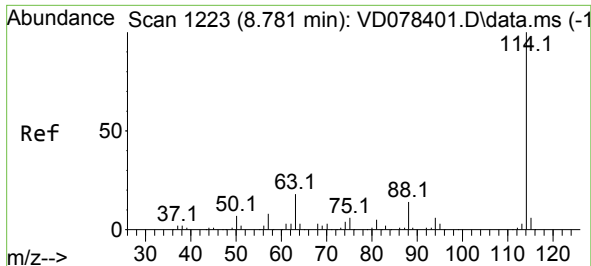
Tgt Ion: 65 Resp: 65603

Ion Ratio Lower Upper

65 100

67 54.0 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD078414.D

Acq: 14 Feb 2024 15:11

Instrument :

MSVOA_D

ClientSampleId :

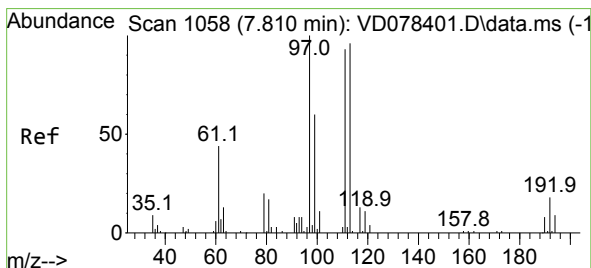
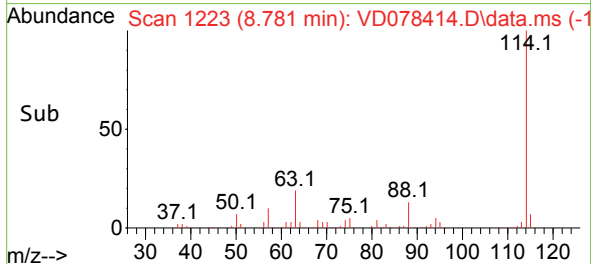
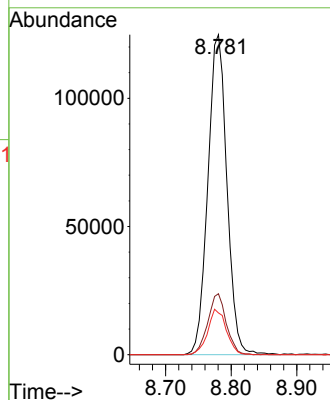
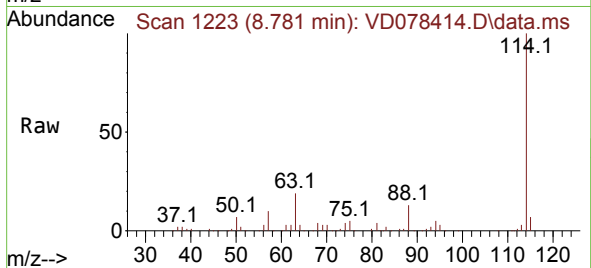
Tgt Ion:114 Resp: 252193

Ion Ratio Lower Upper

114 100

63 19.0 0.0 33.4

88 13.1 0.0 26.2



#35

Dibromofluoromethane

Concen: 51.609 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VD078414.D

Acq: 14 Feb 2024 15:11

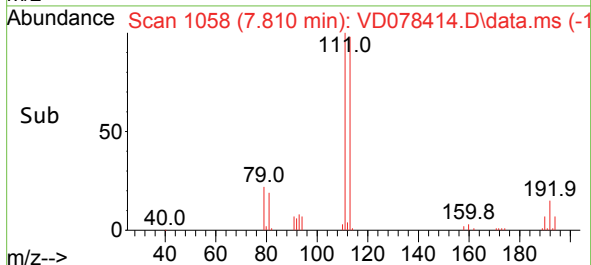
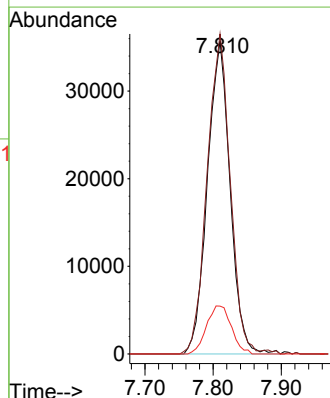
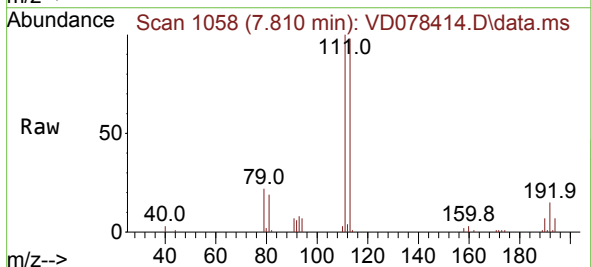
Tgt Ion:113 Resp: 82676

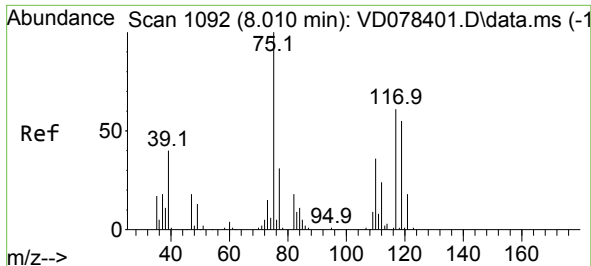
Ion Ratio Lower Upper

113 100

111 103.9 84.7 127.1

192 16.8 16.8 25.2





#36

1,1-Dichloropropene

Concen: 4.019 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.130 min

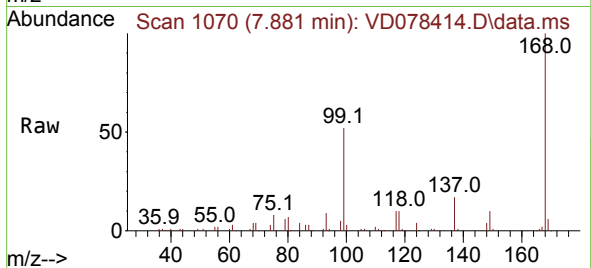
Lab File: VD078414.D

Acq: 14 Feb 2024 15:11

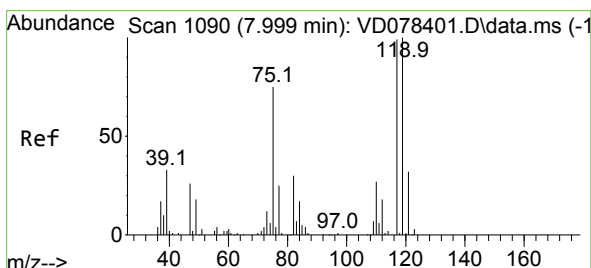
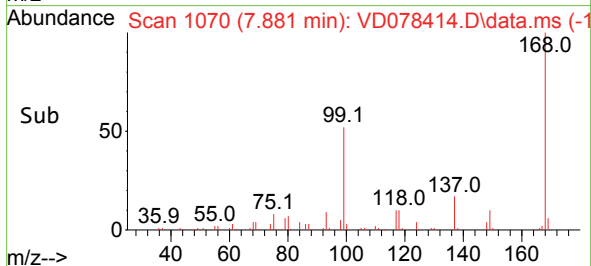
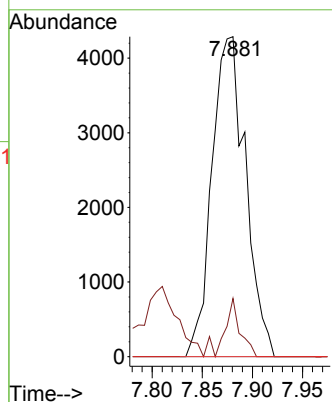
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 75	Resp: 10002
Ion Ratio	Lower Upper
75	100
110	8.5 19.9 59.6#
77	0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 4.910 ug/l

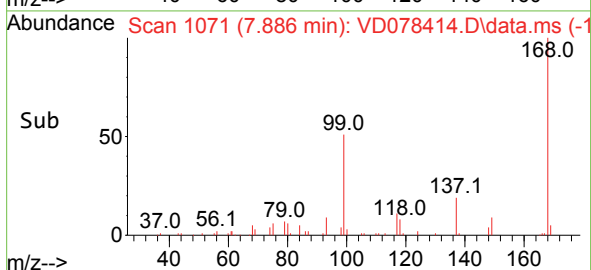
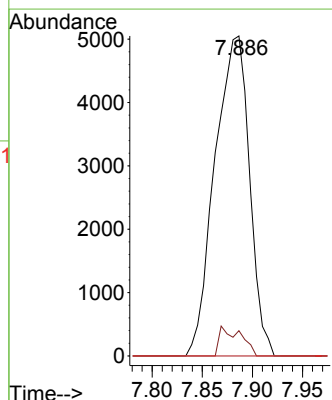
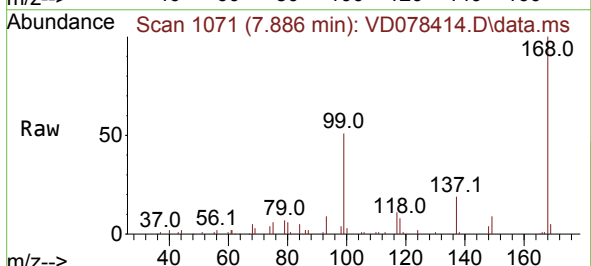
RT: 7.886 min Scan# 1071

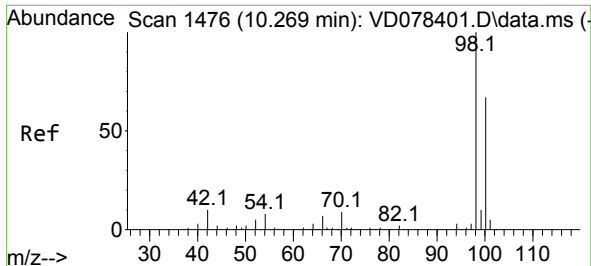
Delta R.T. -0.112 min

Lab File: VD078414.D

Acq: 14 Feb 2024 15:11

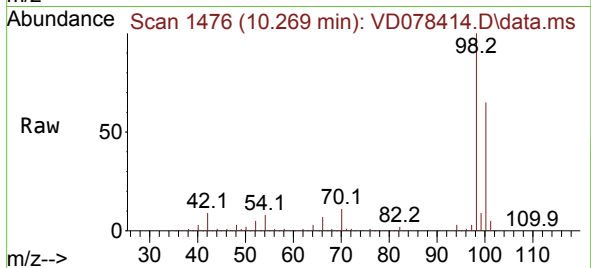
Tgt Ion: 117	Resp: 12100
Ion Ratio	Lower Upper
117	100
119	7.9 78.0 117.0#
121	0.0 24.2 36.2#



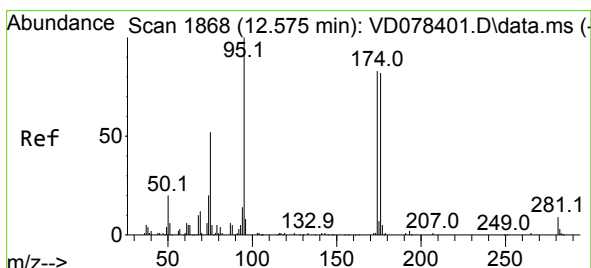
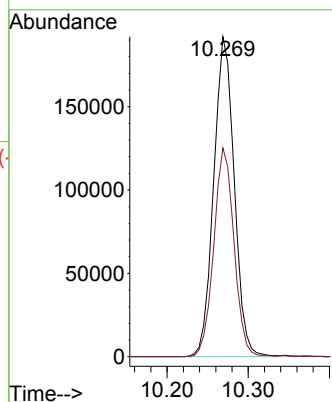
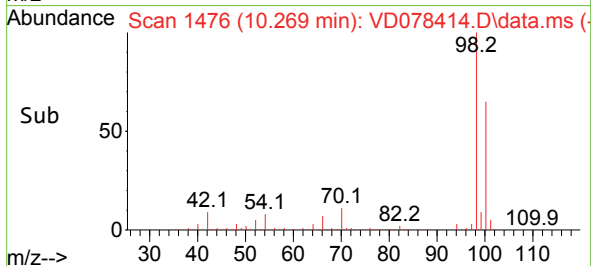


#50
Toluene-d8
Concen: 52.699 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078414.D
Acq: 14 Feb 2024 15:11

Instrument :
MSVOA_D
ClientSampleId :

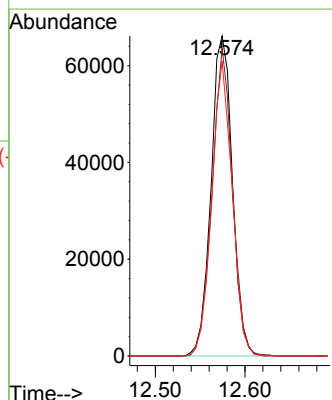
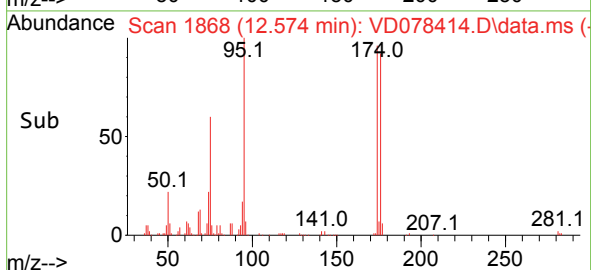
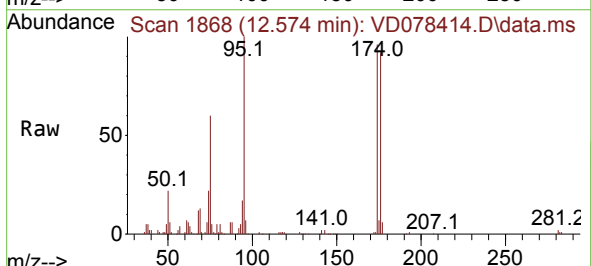


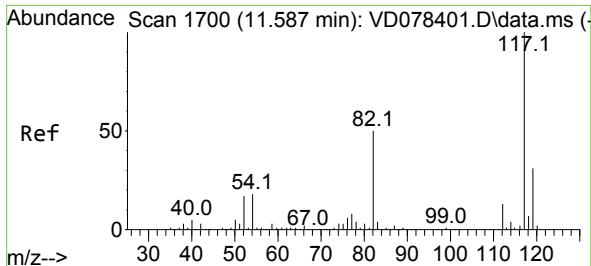
Tgt Ion: 98 Resp: 337712
Ion Ratio Lower Upper
98 100
100 64.2 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 58.530 ug/l
RT: 12.574 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078414.D
Acq: 14 Feb 2024 15:11

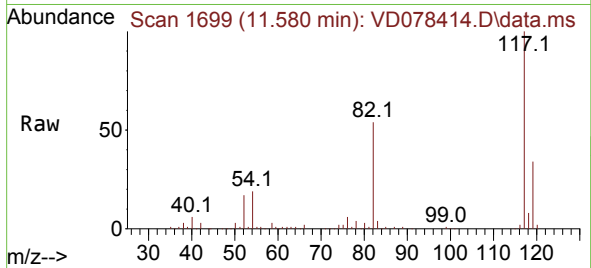
Tgt Ion: 95 Resp: 109150
Ion Ratio Lower Upper
95 100
174 92.0 0.0 201.8
176 87.8 0.0 191.8



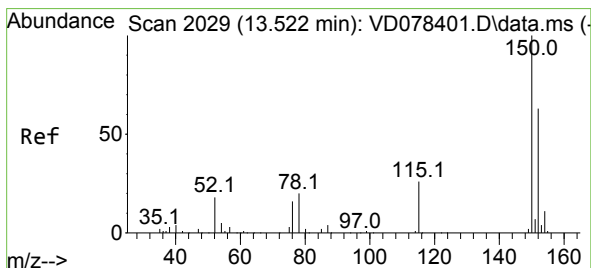
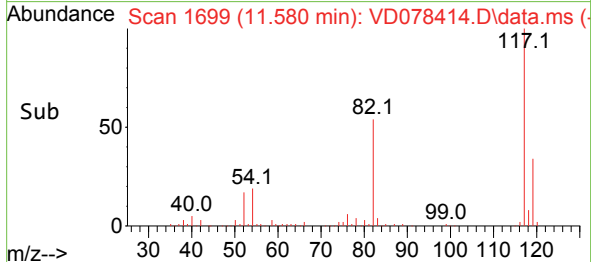
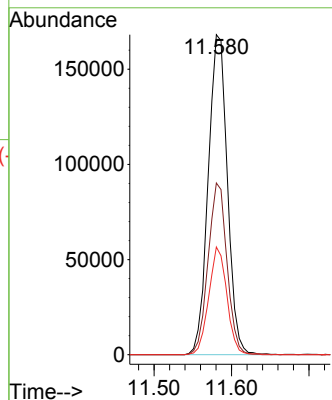


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD078414.D
Acq: 14 Feb 2024 15:11

Instrument :
MSVOA_D
ClientSampleId :

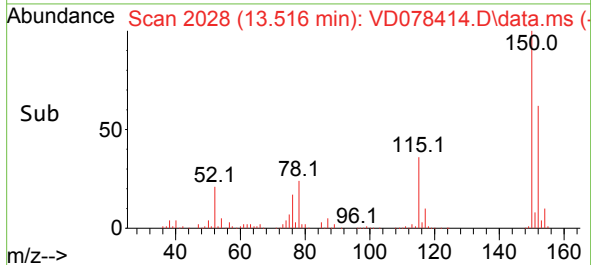
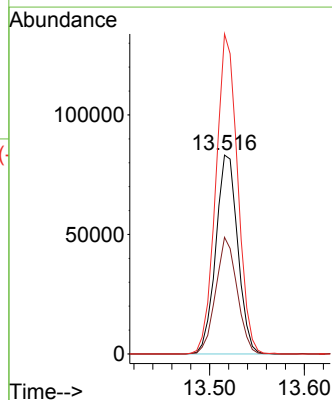
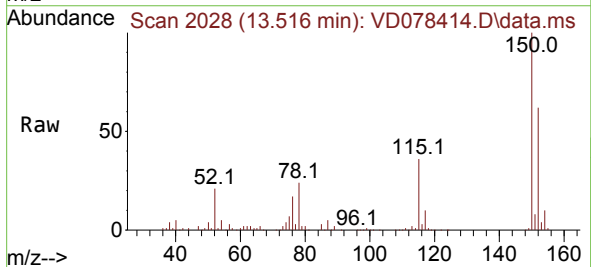


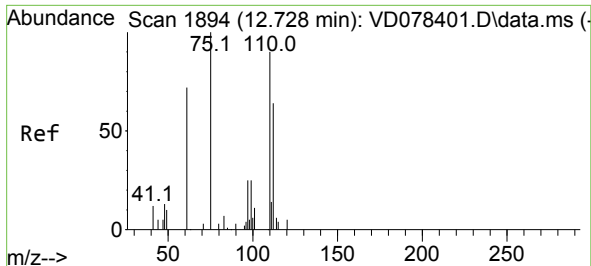
Tgt Ion:117 Resp: 288430
Ion Ratio Lower Upper
117 100
82 53.6 38.3 57.5
119 33.6 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD078414.D
Acq: 14 Feb 2024 15:11

Tgt Ion:152 Resp: 133948
Ion Ratio Lower Upper
152 100
115 57.2 27.1 81.3
150 159.6 0.0 353.6

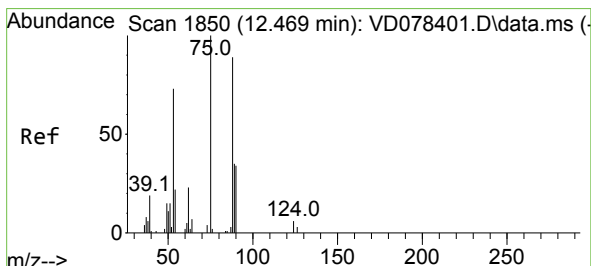
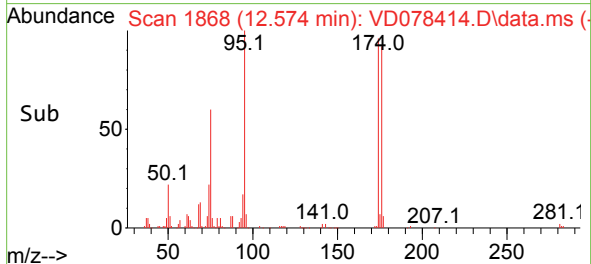
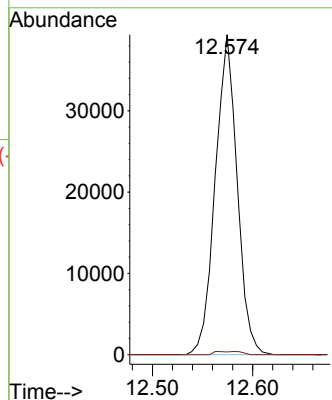
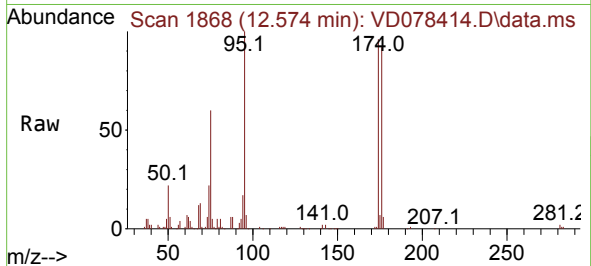




#76
1,2,3-Trichloropropane
Concen: 52.439 ug/l
RT: 12.574 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD078414.D
Acq: 14 Feb 2024 15:11

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 59633
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 108.865 ug/l
RT: 12.574 min Scan# 1868
Delta R.T. 0.105 min
Lab File: VD078414.D
Acq: 14 Feb 2024 15:11

Tgt Ion: 75 Resp: 59633
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#

