

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051524\
 Data File : VD078924.D
 Acq On : 15 May 2024 11:04
 Operator : RP/MD
 Sample : VD0515SBL01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0515SBL01

Quant Time: May 16 01:23:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 14 06:21:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	107575	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	262802	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	253170	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	109453	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.228	65	63134	62.568	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.140%	
35) Dibromofluoromethane	7.804	113	88941	50.841	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.680%	
50) Toluene-d8	10.269	98	335484	51.155	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.320%	
62) 4-Bromofluorobenzene	12.575	95	84961	46.115	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 92.240%	

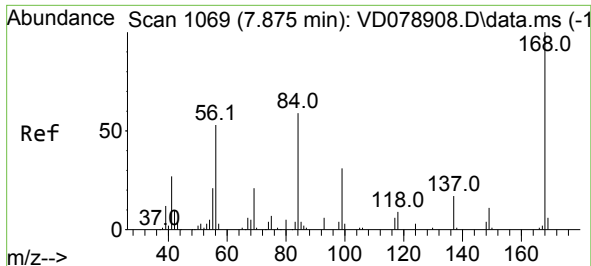
Target Compounds

					Qvalue	
3) Chloromethane	2.146	50	314	Below Cal	#	40
4) Vinyl Chloride	2.252	62	62	Below Cal	#	42
17) Carbon Disulfide	4.275	76	951	Below Cal	#	76
20) Methylene Chloride	4.805	84	6462	Below Cal	#	84
31) Cyclohexane	7.869	56	1936	1.313	ug/l #	71
36) 1,1-Dichloropropene	7.875	75	7831	3.597	ug/l #	49
38) Carbon Tetrachloride	7.875	117	10655	4.182	ug/l #	17
51) 4-Methyl-2-Pentanone	10.269	43	886	1.264	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	42191	54.754	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	42191	108.579	ug/l #	19

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

Quant Time: May 16 01:23:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
Quant Title : SW846 8260
QLast Update : Tue May 14 06:21:28 2024
Response via : Initial Calibration

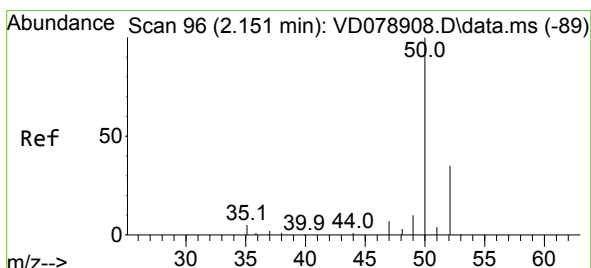
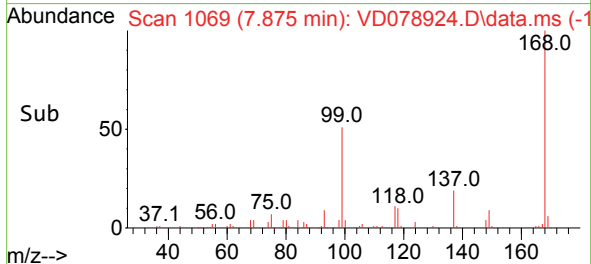
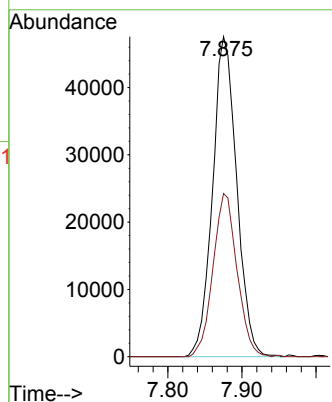
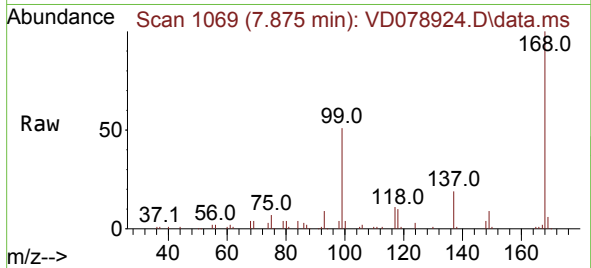




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078924.D
Acq: 15 May 2024 11:04

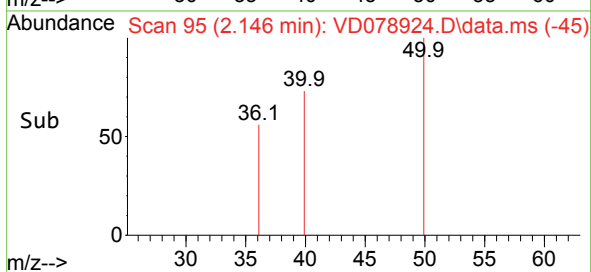
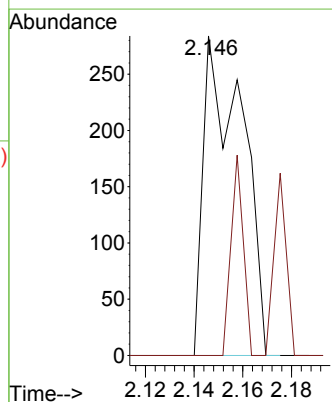
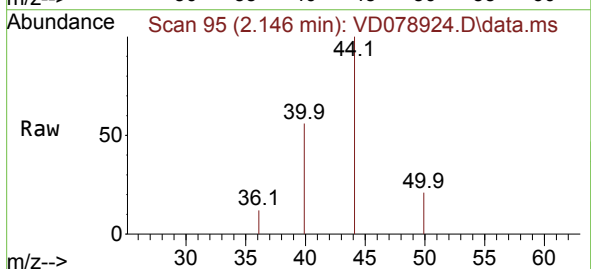
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBL01

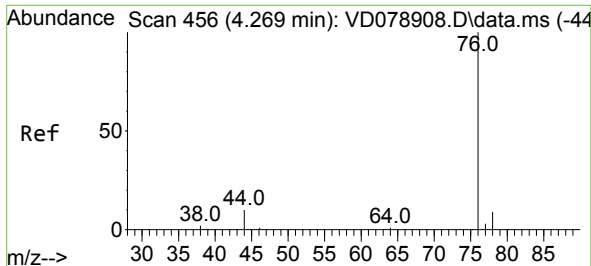
Tgt Ion:168 Resp: 107575
Ion Ratio Lower Upper
168 100
99 51.0 41.1 61.7



#3
Chloromethane
Concen: Below Cal
RT: 2.146 min Scan# 95
Delta R.T. -0.005 min
Lab File: VD078924.D
Acq: 15 May 2024 11:04

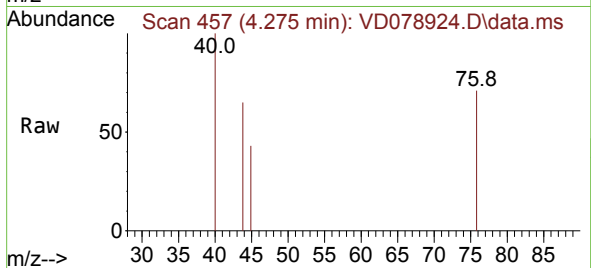
Tgt Ion: 50 Resp: 314
Ion Ratio Lower Upper
50 100
52 0.0 28.2 42.2#



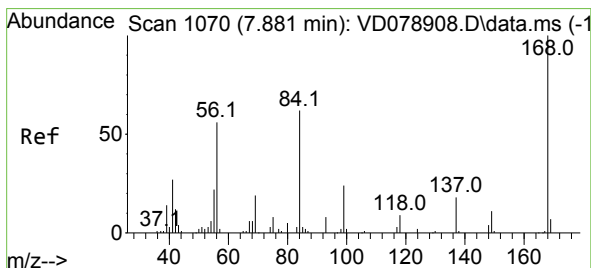
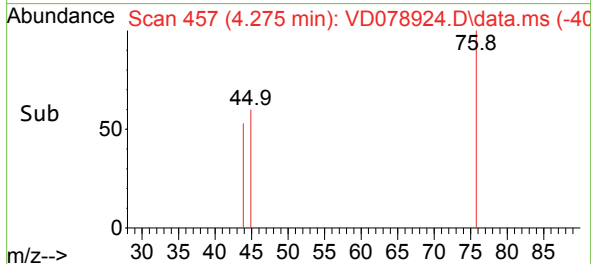
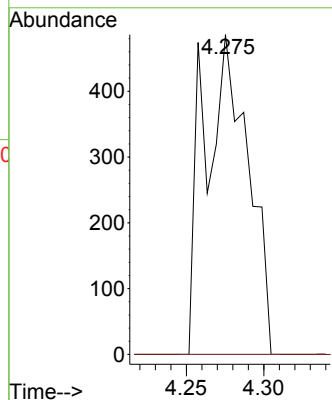


#17
Carbon Disulfide
Concen: Below Cal
RT: 4.275 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD078924.D
Acq: 15 May 2024 11:04

Instrument :
MSVOA_D
ClientSampleId :
VD0515SBL01

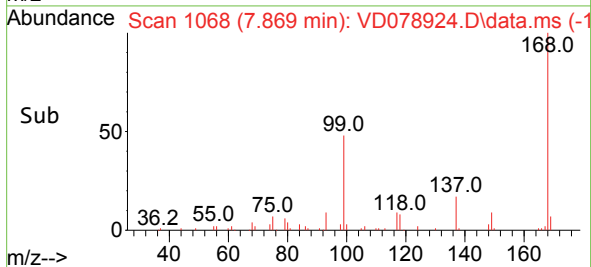
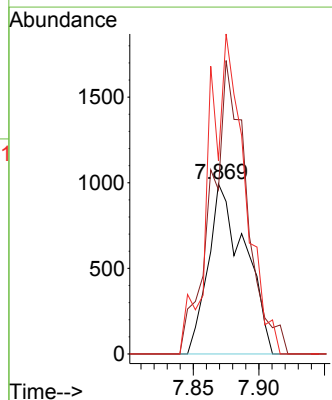
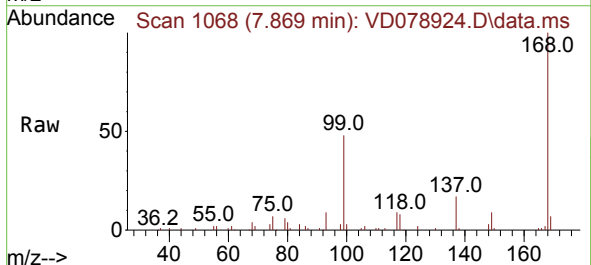


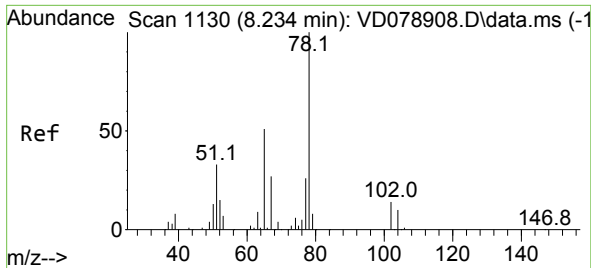
Tgt Ion: 76 Resp: 951
Ion Ratio Lower Upper
76 100
78 0.0 6.9 10.3#



#31
Cyclohexane
Concen: 1.313 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.011 min
Lab File: VD078924.D
Acq: 15 May 2024 11:04

Tgt Ion: 56 Resp: 1936
Ion Ratio Lower Upper
56 100
69 96.6 28.0 42.0#
84 113.8 87.4 131.0





#33

1,2-Dichloroethane-d4

Concen: 62.568 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078924.D

Acq: 15 May 2024 11:04

Instrument :

MSVOA_D

ClientSampleId :

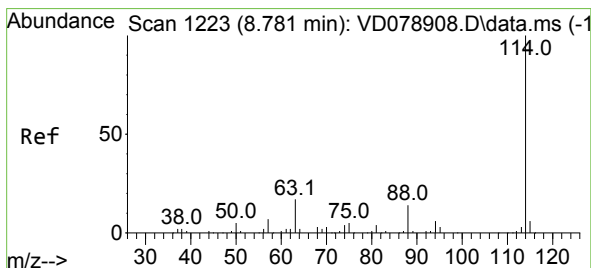
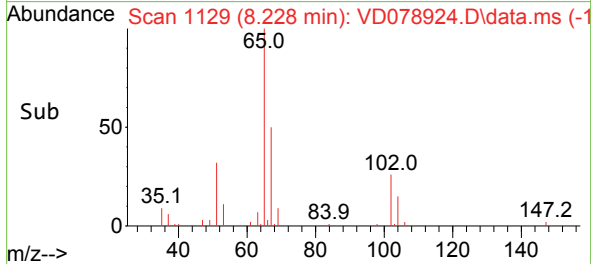
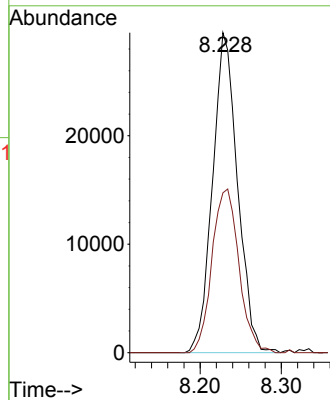
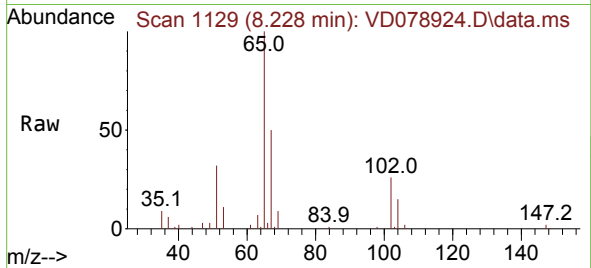
VD0515SBL01

Tgt Ion: 65 Resp: 63134

Ion Ratio Lower Upper

65 100

67 55.1 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD078924.D

Acq: 15 May 2024 11:04

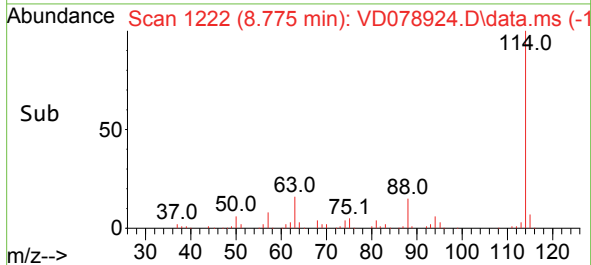
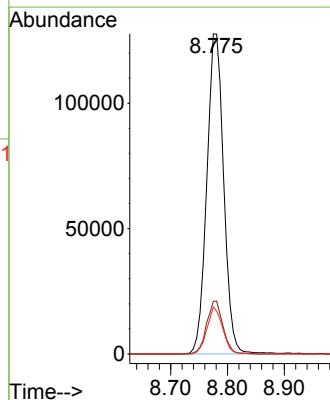
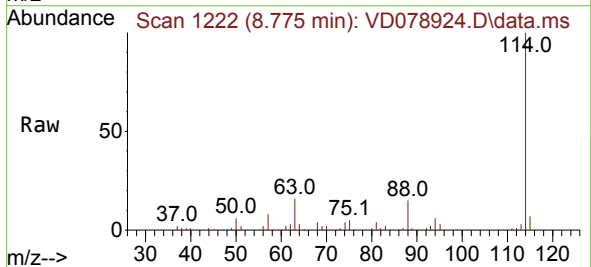
Tgt Ion: 114 Resp: 262802

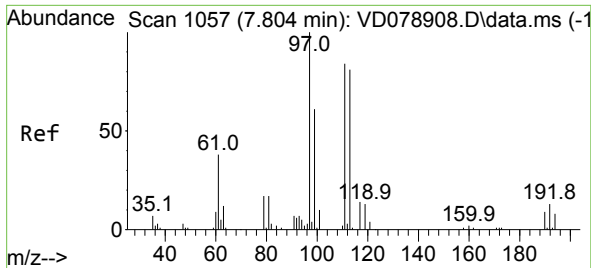
Ion Ratio Lower Upper

114 100

63 16.4 0.0 34.0

88 14.7 0.0 27.2

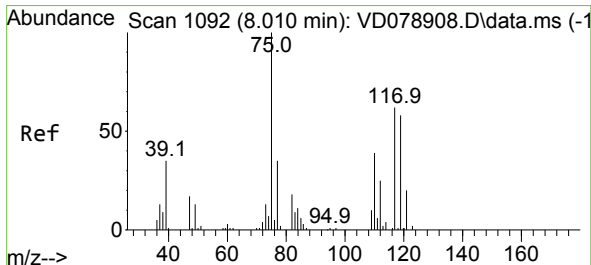
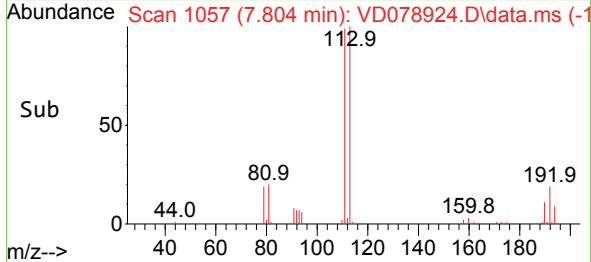
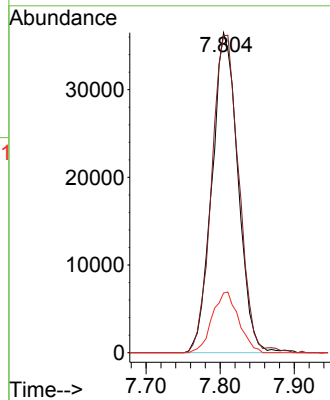
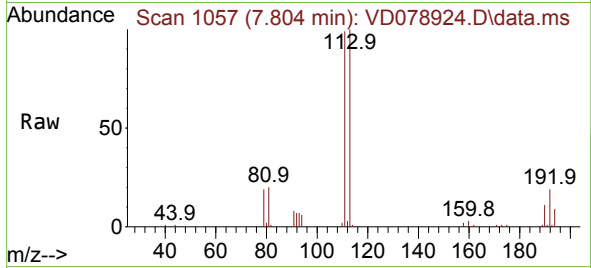




#35
Dibromofluoromethane
Concen: 50.841 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD078924.D
Acq: 15 May 2024 11:04

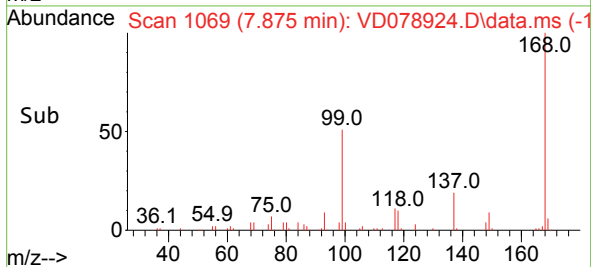
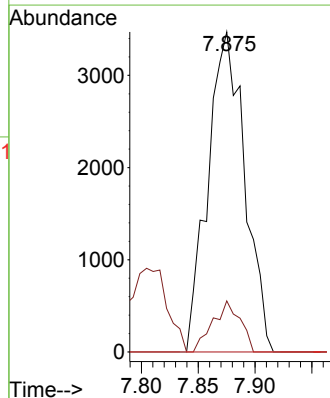
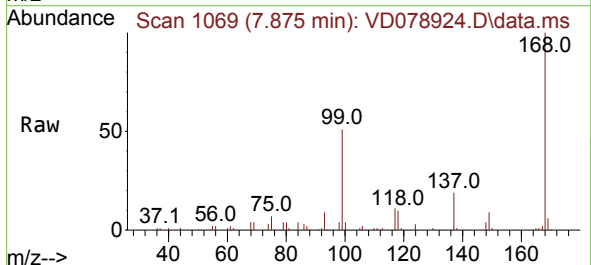
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBL01

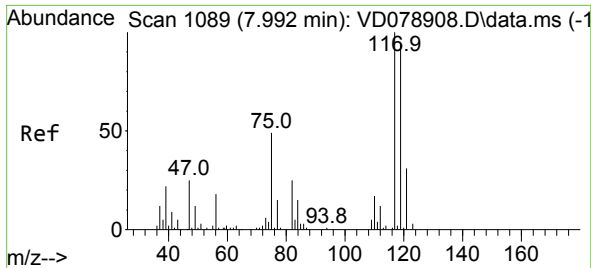
Tgt Ion:113 Resp: 88941
Ion Ratio Lower Upper
113 100
111 103.5 84.0 126.0
192 19.3 15.4 23.0



#36
1,1-Dichloropropene
Concen: 3.597 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD078924.D
Acq: 15 May 2024 11:04

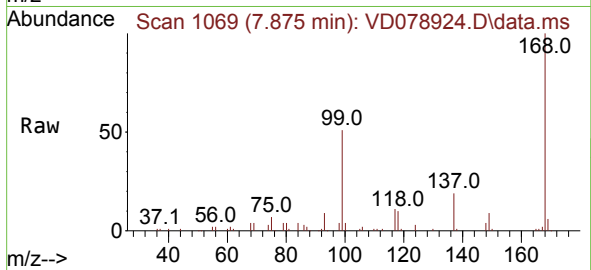
Tgt Ion: 75 Resp: 7831
Ion Ratio Lower Upper
75 100
110 11.9 19.6 58.7#
77 0.0 26.1 39.1#



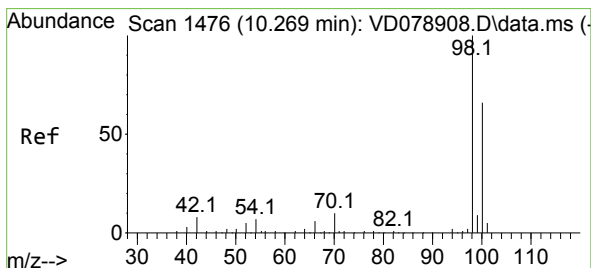
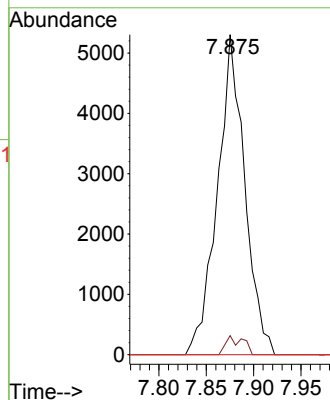
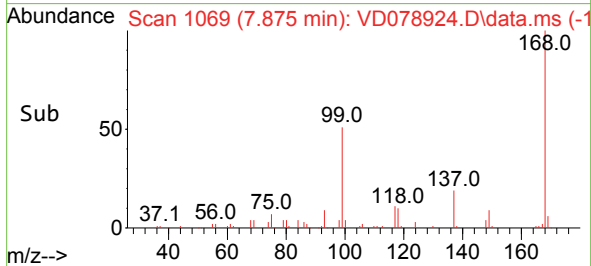


#38
Carbon Tetrachloride
Concen: 4.182 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.117 min
Lab File: VD078924.D
Acq: 15 May 2024 11:04

Instrument :
MSVOA_D
ClientSampleId :
VD0515SBL01

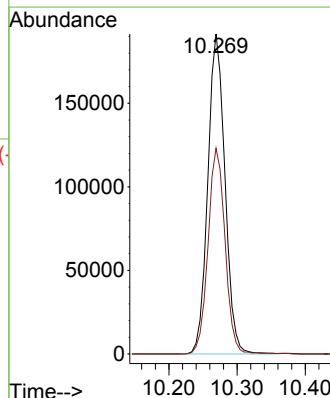
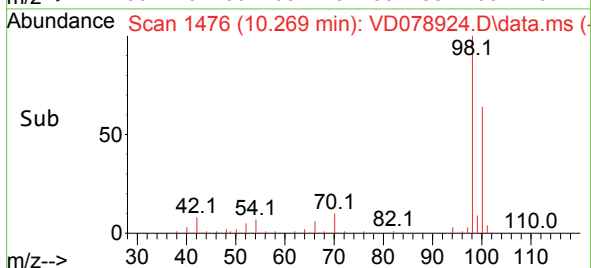
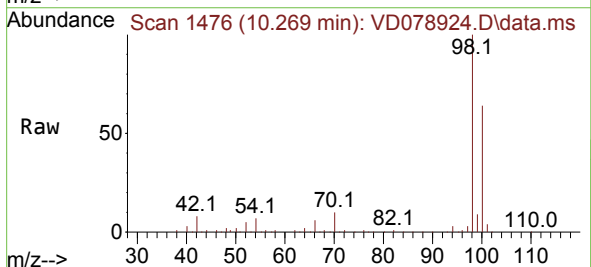


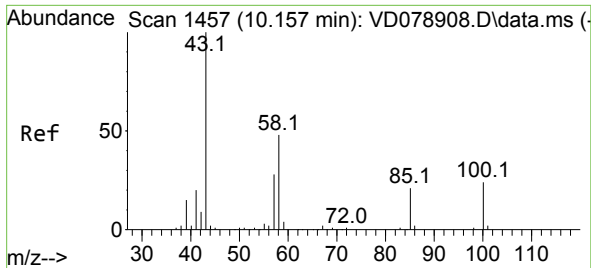
Tgt Ion:117 Resp: 10655
Ion Ratio Lower Upper
117 100
119 5.9 75.4 113.0#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 51.155 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078924.D
Acq: 15 May 2024 11:04

Tgt Ion: 98 Resp: 335484
Ion Ratio Lower Upper
98 100
100 63.7 51.6 77.4

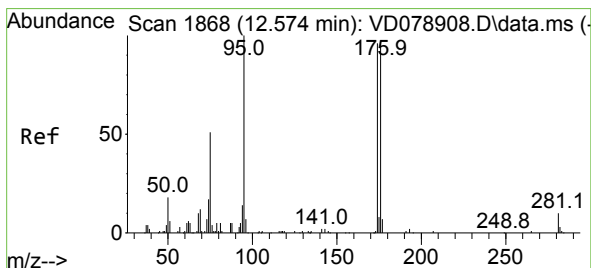
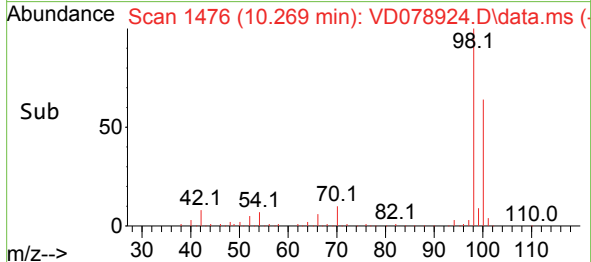
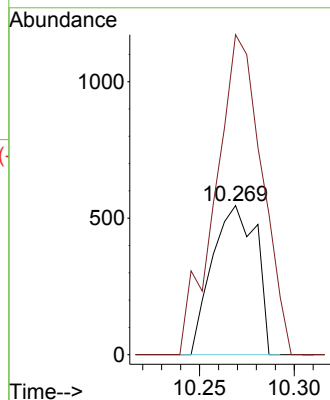
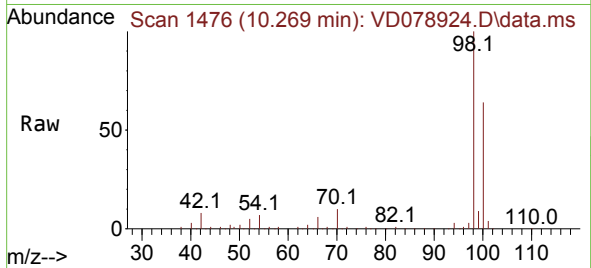




#51
4-Methyl-2-Pentanone
Concen: 1.264 ug/l
RT: 10.269 min Scan# 1457
Delta R.T. 0.112 min
Lab File: VD078924.D
Acq: 15 May 2024 11:04

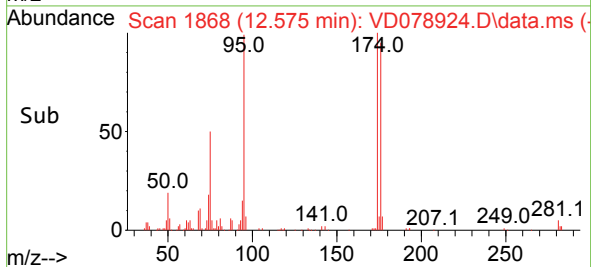
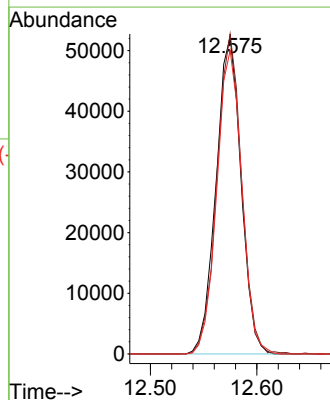
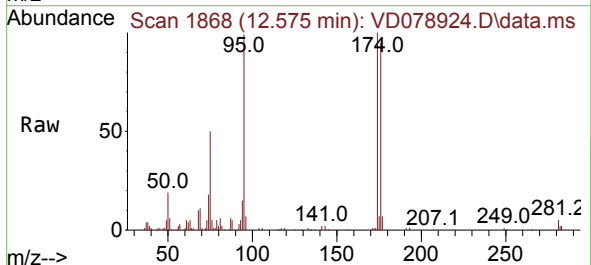
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ClientSampleId :
VD0515SBL01

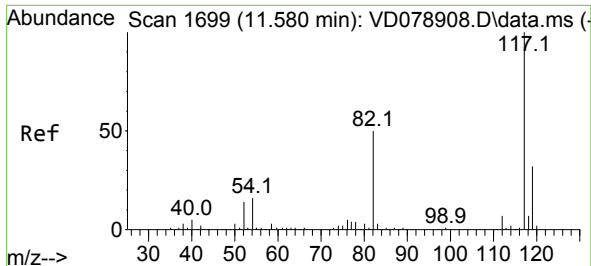
Tgt Ion: 43 Resp: 886
Ion Ratio Lower Upper
43 100
58 226.3 36.6 55.0#



#62
4-Bromofluorobenzene
Concen: 46.115 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078924.D
Acq: 15 May 2024 11:04

Tgt Ion: 95 Resp: 84961
Ion Ratio Lower Upper
95 100
174 99.4 0.0 195.4
176 95.6 0.0 192.6

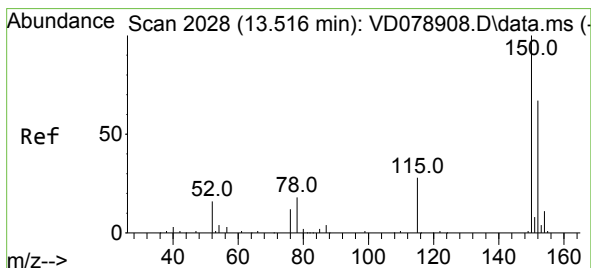
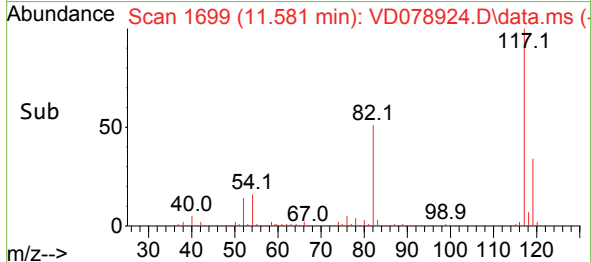
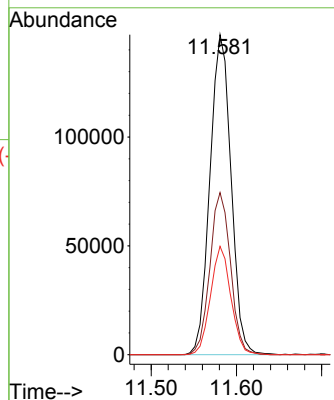
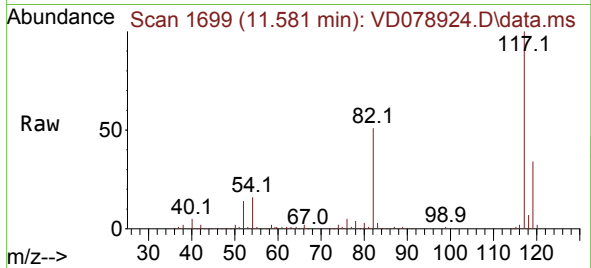




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD078924.D
Acq: 15 May 2024 11:04

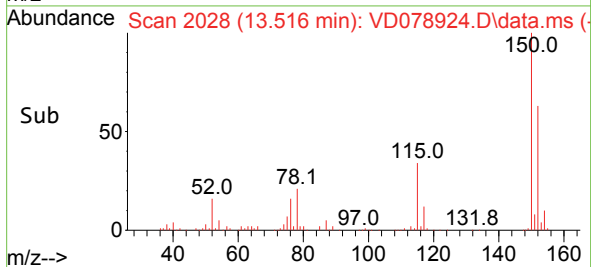
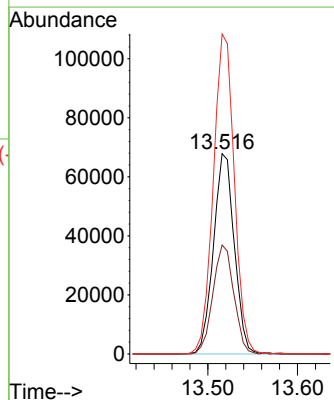
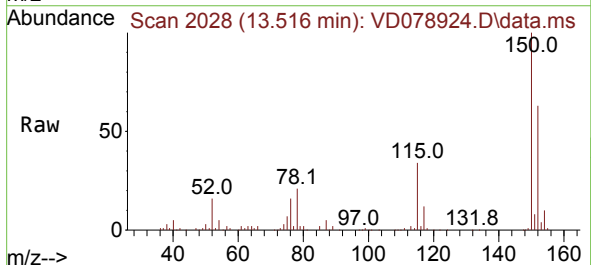
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBL01

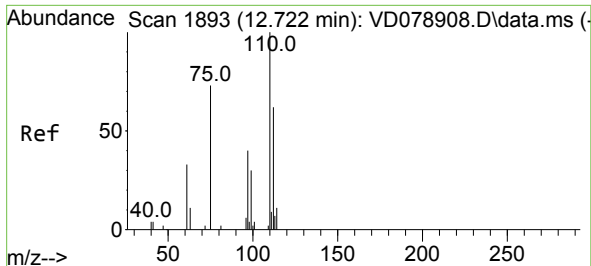
Tgt Ion:117 Resp: 253170
Ion Ratio Lower Upper
117 100
82 50.7 39.8 59.6
119 33.9 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078924.D
Acq: 15 May 2024 11:04

Tgt Ion:152 Resp: 109453
Ion Ratio Lower Upper
152 100
115 54.5 26.5 79.5
150 160.6 0.0 341.6

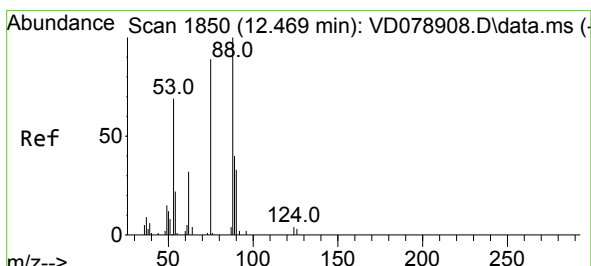
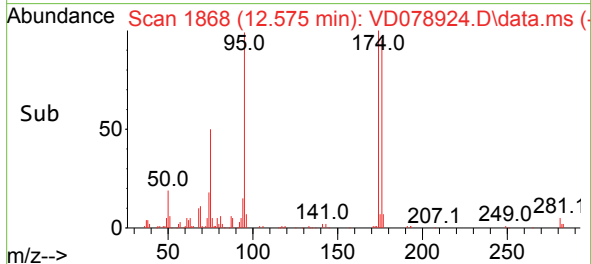
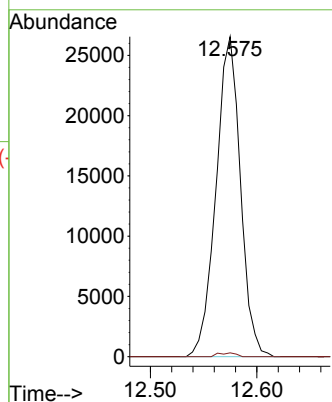
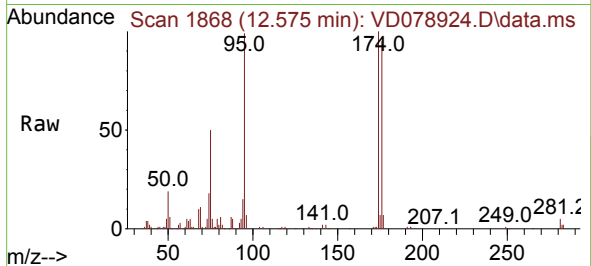




#76
1,2,3-Trichloropropane
Concen: 54.754 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD078924.D
Acq: 15 May 2024 11:04

Instrument :
MSVOA_D
ClientSampleId :
VD0515SBL01

Tgt Ion: 75 Resp: 42191
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 108.579 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD078924.D
Acq: 15 May 2024 11:04

Tgt Ion: 75 Resp: 42191
Ion Ratio Lower Upper
75 100
53 0.0 61.4 92.2#
89 0.0 35.4 53.0#

