

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070224\
 Data File : VD079312.D
 Acq On : 02 Jul 2024 10:28
 Operator : RP/MD
 Sample : VD0702SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0702SBL01

Quant Time: Jul 03 01:19:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062824S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 29 06:28:31 2024
 Response via : Initial Calibration

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

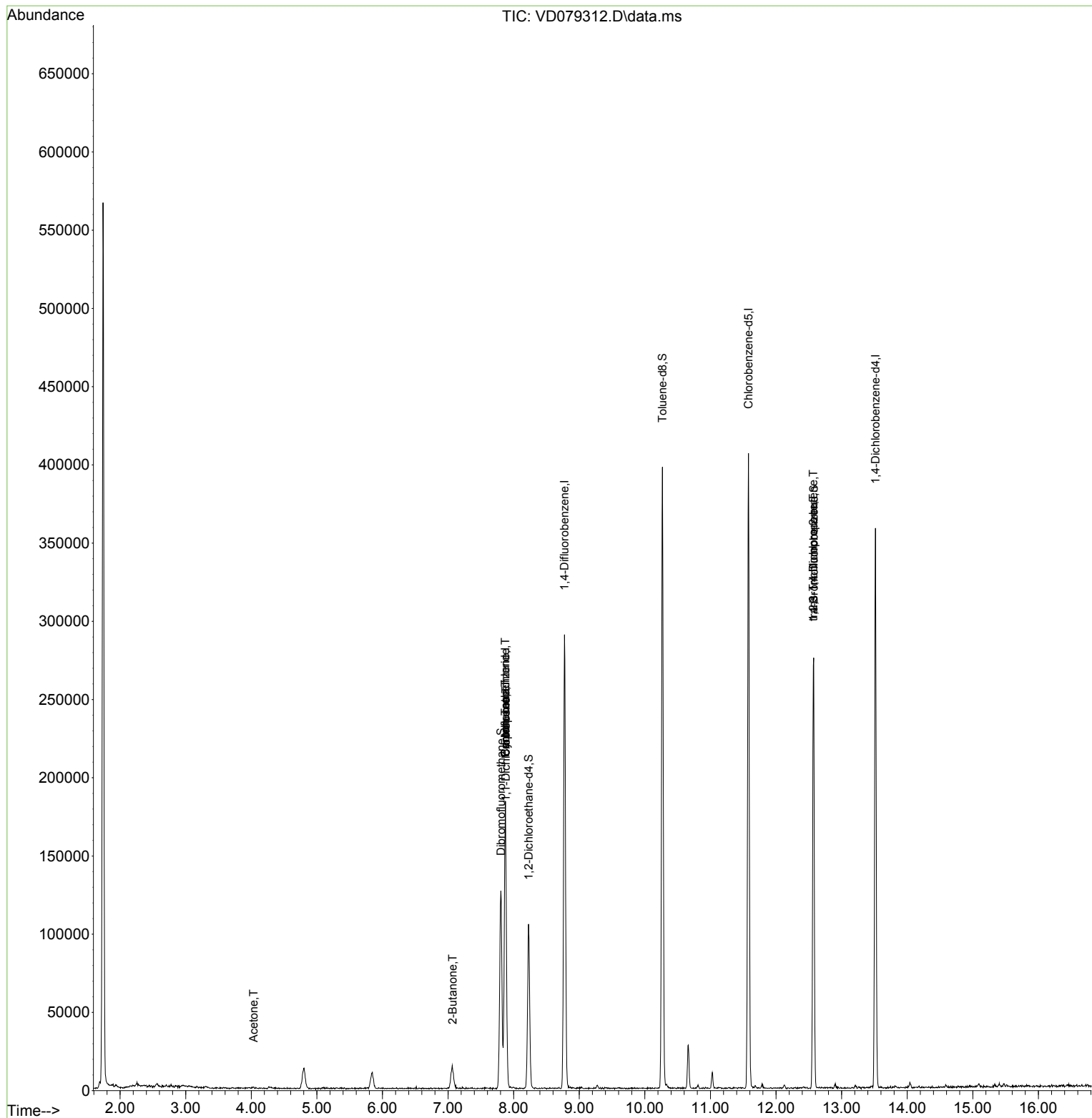
Internal Standards						
1) Pentafluorobenzene	7.875	168	126532	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	253597	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	232703	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	91989	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	79254	65.302	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.600%	
35) Dibromofluoromethane	7.810	113	93180	55.977	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.960%	
50) Toluene-d8	10.269	98	278399	46.490	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 92.980%	
62) 4-Bromofluorobenzene	12.575	95	90763	47.265	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 94.540%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.669	94	60	Below Cal	#	2
16) Acetone	4.034	43	761	2.534	ug/l #	37
20) Methylene Chloride	4.805	84	10115	Below Cal	#	82
25) 2-Butanone	7.069	43	669	1.599	ug/l #	42
31) Cyclohexane	7.875	56	4205	1.563	ug/l #	66
36) 1,1-Dichloropropene	7.881	75	11957	4.623	ug/l #	43
38) Carbon Tetrachloride	7.875	117	15100	5.749	ug/l #	16
76) 1,2,3-Trichloropropane	12.569	75	46467	50.476	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	46467	93.663	ug/l #	19

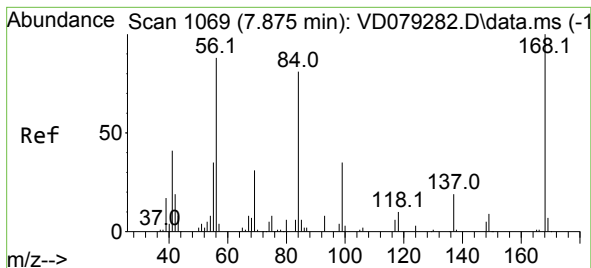
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 03 01:19:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062824S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 29 06:28:31 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: VD079312.D

Acq: 02 Jul 2024 10:28

Instrument :

MSVOA_D

ClientSampleId :

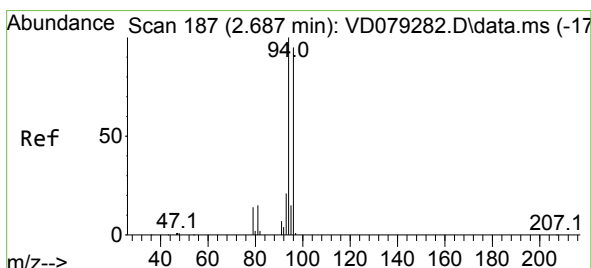
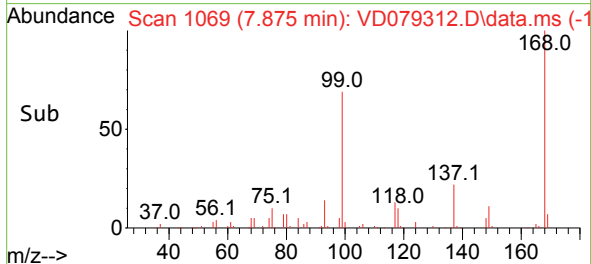
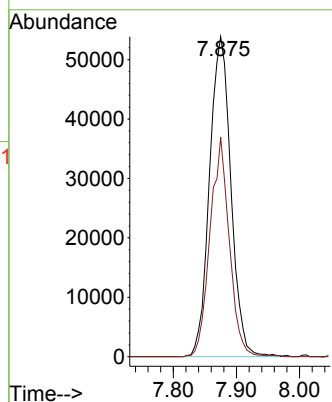
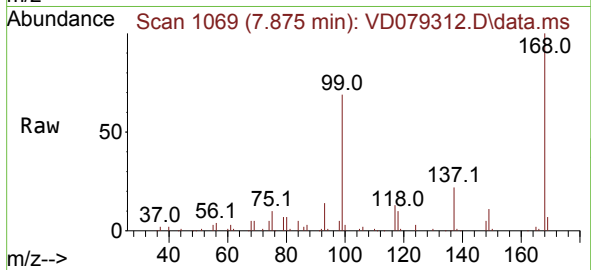
VD0702SBL01

Tgt Ion:168 Resp: 126532

Ion Ratio Lower Upper

168 100

99 68.6 41.1 61.7#



#5

Bromomethane

Concen: Below Cal

RT: 2.669 min Scan# 184

Delta R.T. 0.011 min

Lab File: VD079312.D

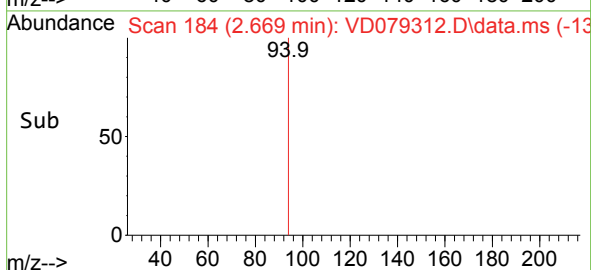
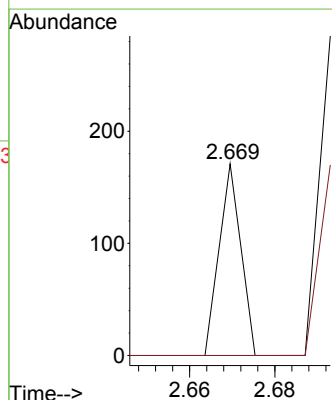
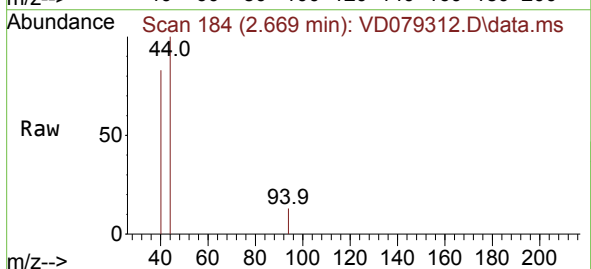
Acq: 02 Jul 2024 10:28

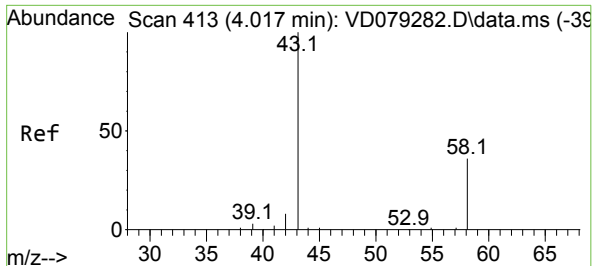
Tgt Ion: 94 Resp: 60

Ion Ratio Lower Upper

94 100

96 0.0 76.9 115.3#





#16

Acetone

Concen: 2.534 ug/l

RT: 4.034 min Scan# 41

Delta R.T. 0.018 min

Lab File: VD079312.D

Acq: 02 Jul 2024 10:28

Instrument :

MSVOA_D

ClientSampleId :

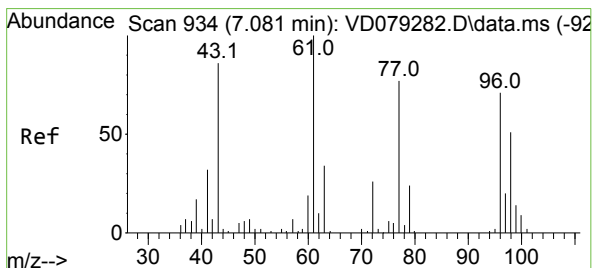
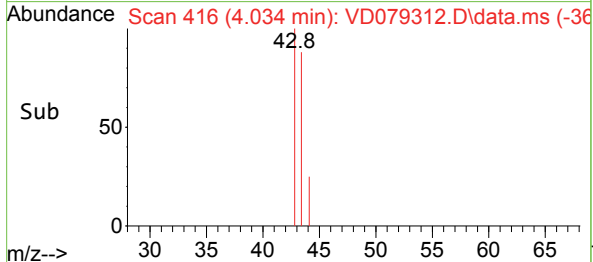
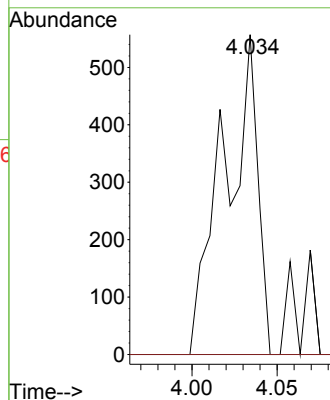
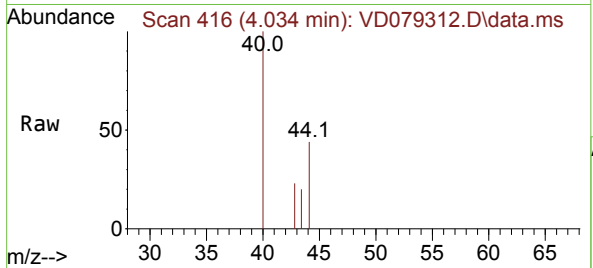
VD0702SBL01

Tgt Ion: 43 Resp: 761

Ion Ratio Lower Upper

43 100

58 0.0 30.4 45.6#



#25

2-Butanone

Concen: 1.599 ug/l

RT: 7.069 min Scan# 932

Delta R.T. -0.006 min

Lab File: VD079312.D

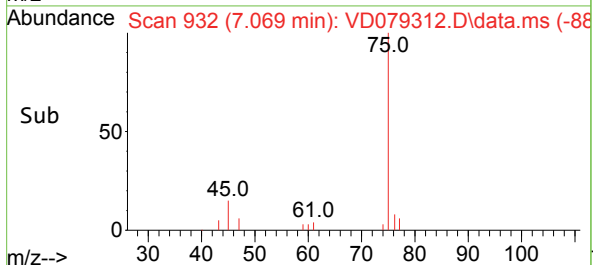
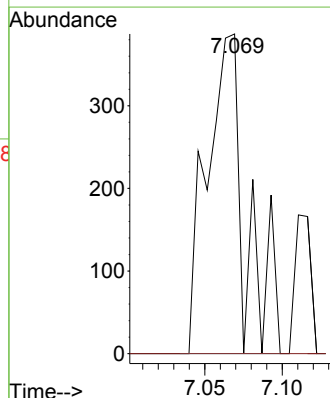
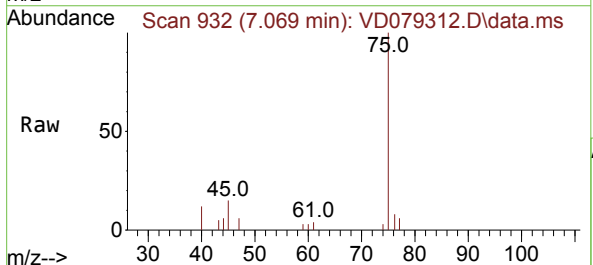
Acq: 02 Jul 2024 10:28

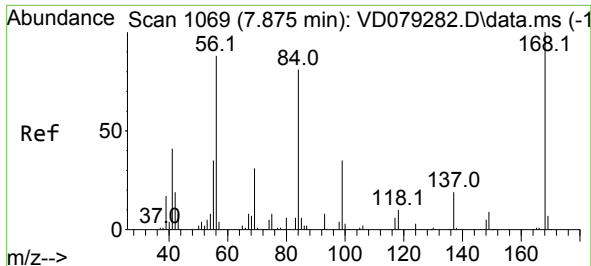
Tgt Ion: 43 Resp: 669

Ion Ratio Lower Upper

43 100

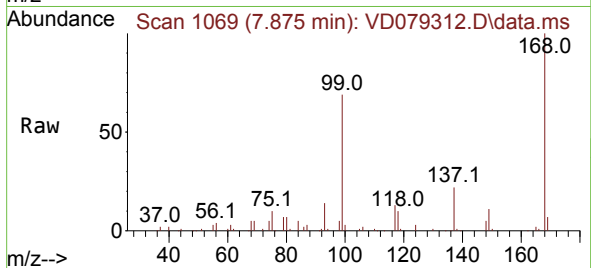
72 0.0 26.4 39.6#



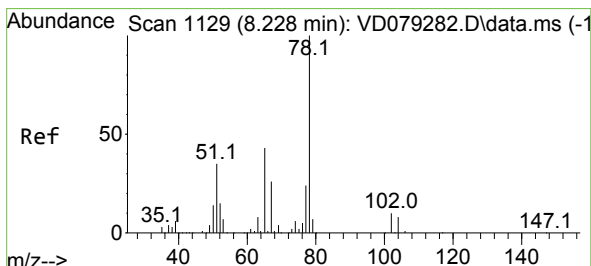
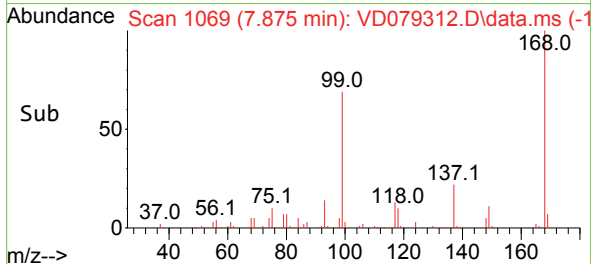
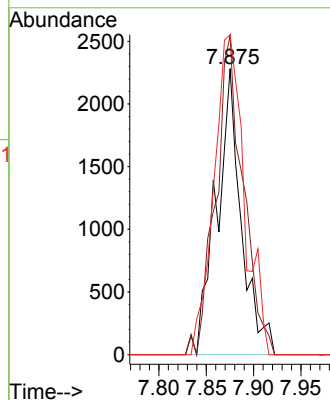


#31
Cyclohexane
Concen: 1.563 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD079312.D
Acq: 02 Jul 2024 10:28

Instrument :
MSVOA_D
ClientSampleId :
VD0702SBL01

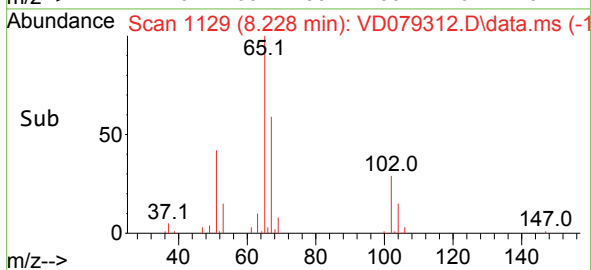
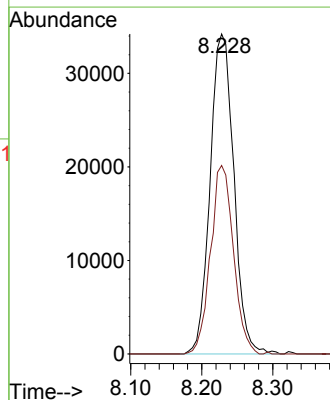
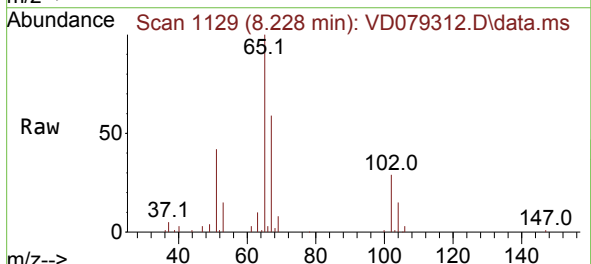


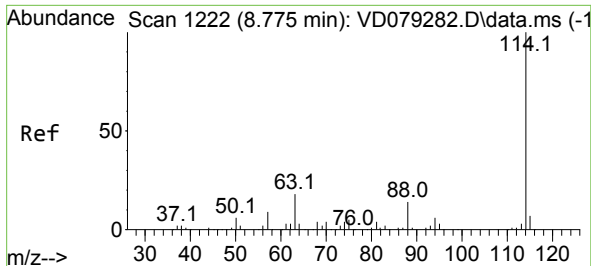
Tgt Ion: 56 Resp: 4205
Ion Ratio Lower Upper
56 100
69 111.4 28.0 42.0#
84 111.9 87.4 131.0



#33
1,2-Dichloroethane-d4
Concen: 65.302 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD079312.D
Acq: 02 Jul 2024 10:28

Tgt Ion: 65 Resp: 79254
Ion Ratio Lower Upper
65 100
67 56.9 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD079312.D

Acq: 02 Jul 2024 10:28

Instrument :

MSVOA_D

ClientSampleId :

VD0702SBL01

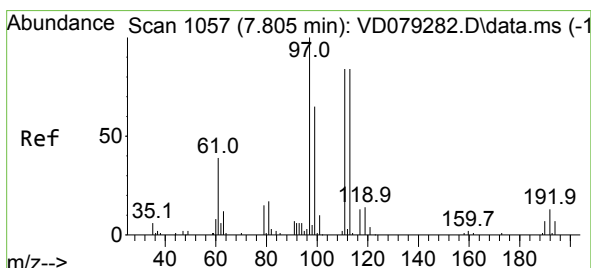
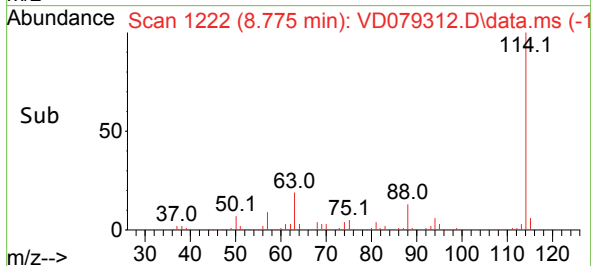
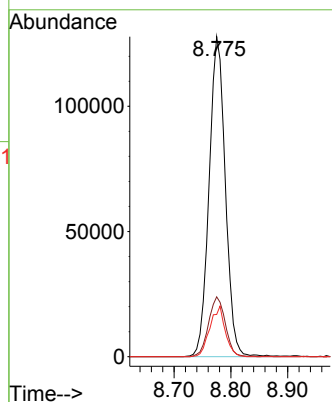
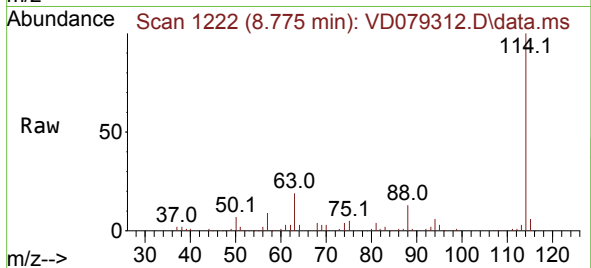
Tgt Ion:114 Resp: 253597

Ion Ratio Lower Upper

114 100

63 18.7 0.0 34.0

88 13.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 55.977 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD079312.D

Acq: 02 Jul 2024 10:28

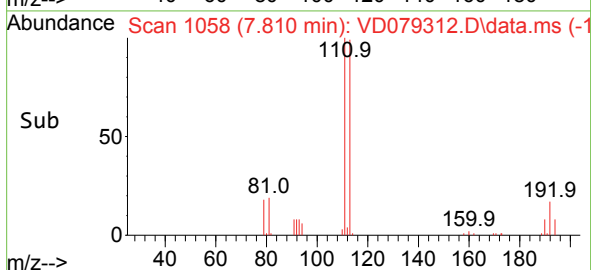
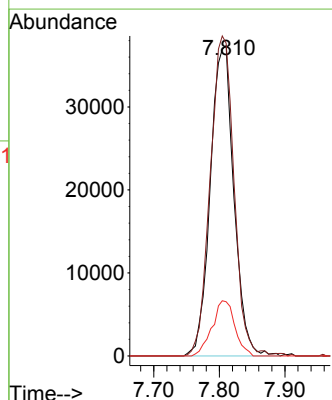
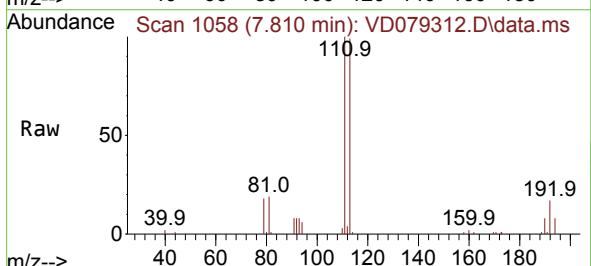
Tgt Ion:113 Resp: 93180

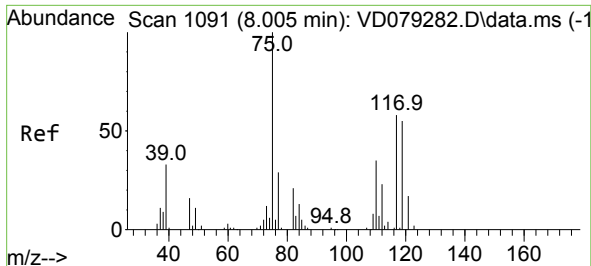
Ion Ratio Lower Upper

113 100

111 103.9 84.0 126.0

192 17.2 15.4 23.0





#36

1,1-Dichloropropene

Concen: 4.623 ug/l

RT: 7.881 min Scan# 1069

Delta R.T. -0.124 min

Lab File: VD079312.D

Acq: 02 Jul 2024 10:28

Instrument :

MSVOA_D

ClientSampleId :

VD0702SBL01

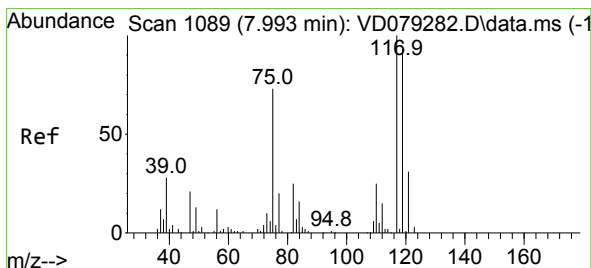
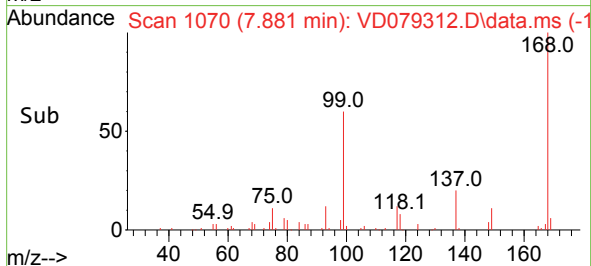
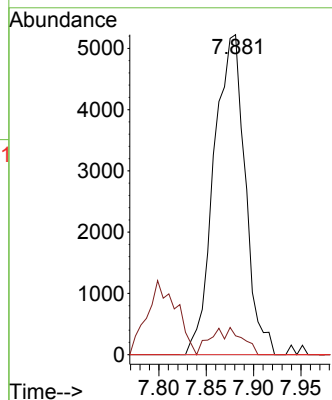
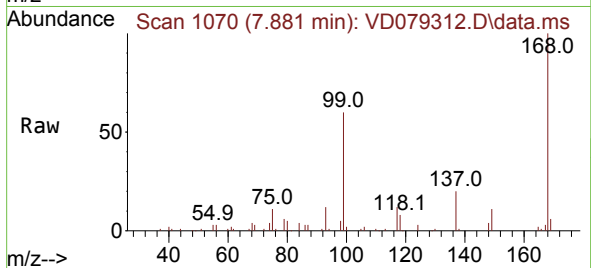
Tgt Ion: 75 Resp: 11957

Ion Ratio Lower Upper

75 100

110 4.3 19.6 58.7#

77 0.0 26.1 39.1#



#38

Carbon Tetrachloride

Concen: 5.749 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.112 min

Lab File: VD079312.D

Acq: 02 Jul 2024 10:28

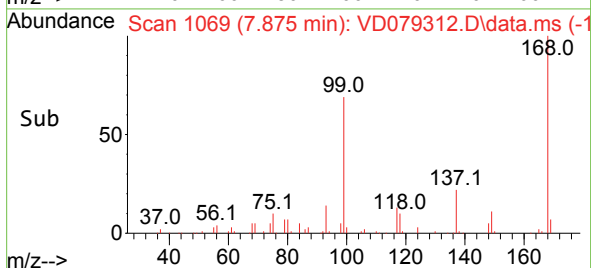
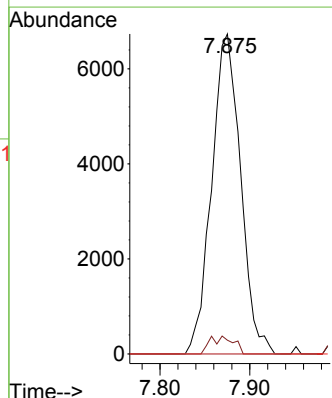
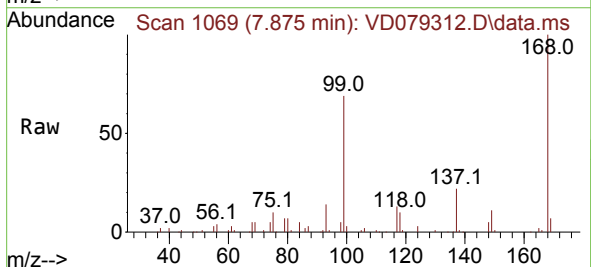
Tgt Ion: 117 Resp: 15100

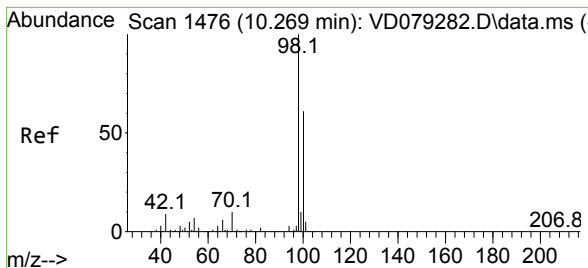
Ion Ratio Lower Upper

117 100

119 4.3 75.4 113.0#

121 0.0 25.0 37.4#

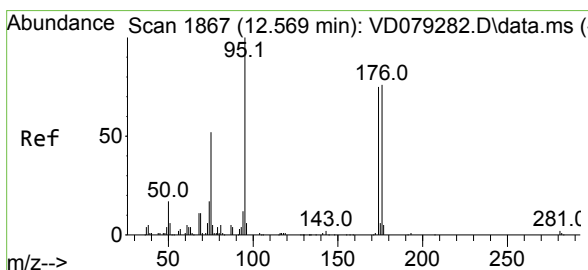
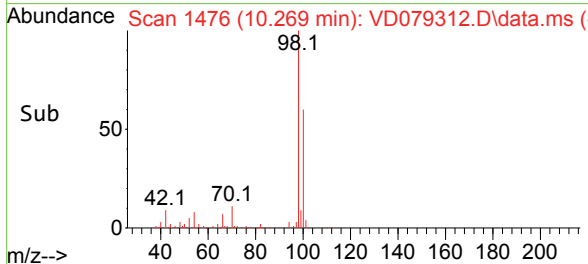
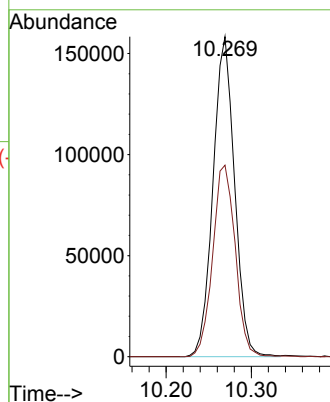
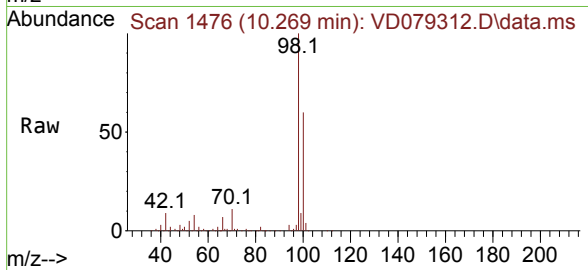




#50
Toluene-d8
Concen: 46.490 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD079312.D
Acq: 02 Jul 2024 10:28

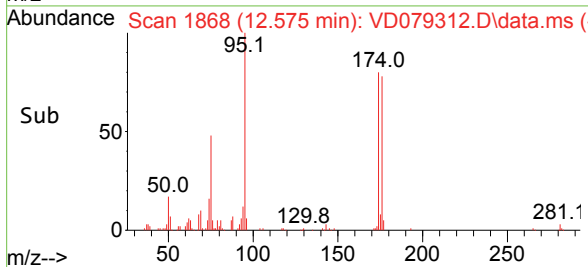
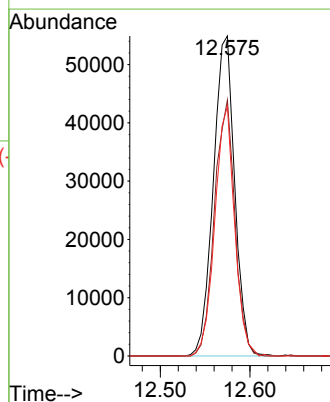
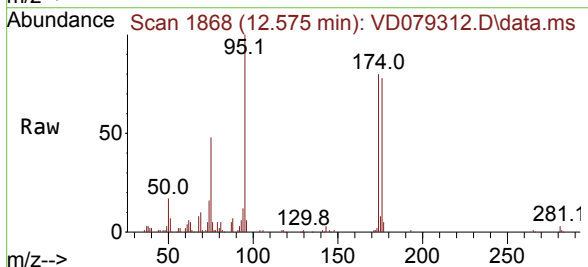
Instrument :
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ClientSampleId :
VD0702SBL01

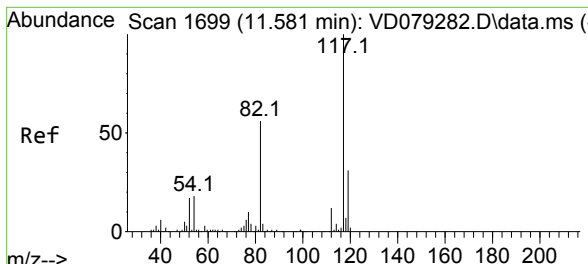
Tgt Ion: 98 Resp: 278399
Ion Ratio Lower Upper
98 100
100 62.5 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 47.265 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD079312.D
Acq: 02 Jul 2024 10:28

Tgt Ion: 95 Resp: 90763
Ion Ratio Lower Upper
95 100
174 76.3 0.0 195.4
176 72.4 0.0 192.6

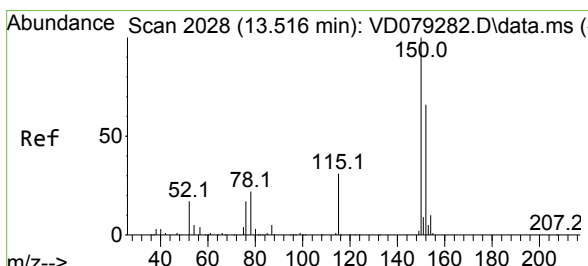
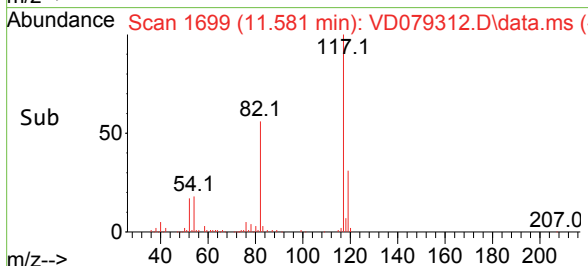
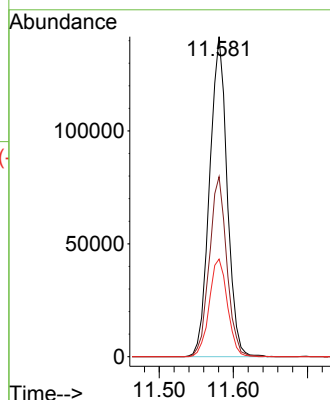
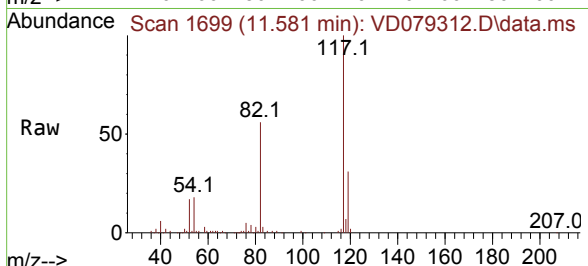




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD079312.D
Acq: 02 Jul 2024 10:28

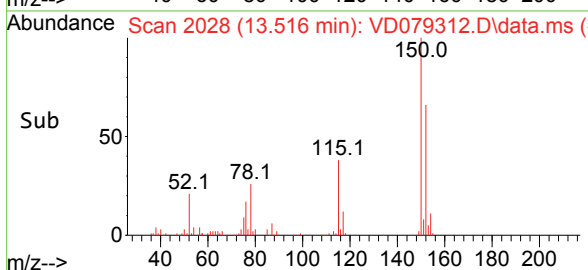
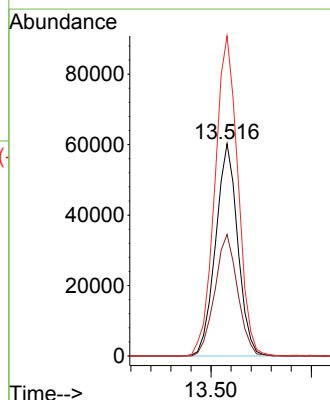
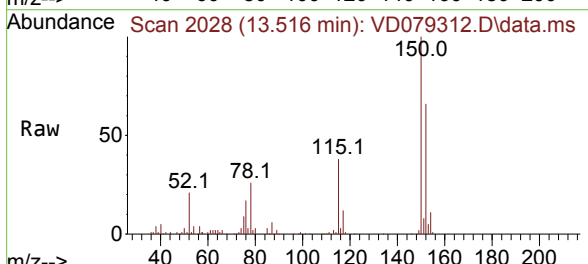
Instrument :
MSVOA_D
ClientSampleId :
VD0702SBL01

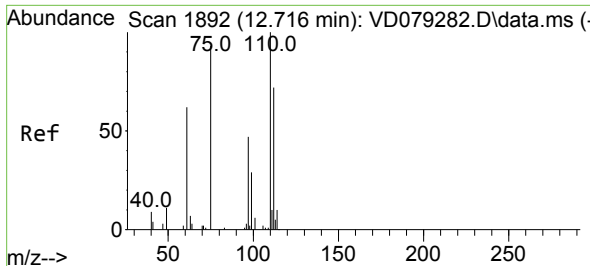
Tgt Ion:	117	Resp:	232703
Ion	Ratio	Lower	Upper
117	100		
82	56.3	39.8	59.6
119	30.5	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD079312.D
Acq: 02 Jul 2024 10:28

Tgt Ion:	152	Resp:	91989
Ion	Ratio	Lower	Upper
152	100		
115	59.2	26.5	79.5
150	156.9	0.0	341.6

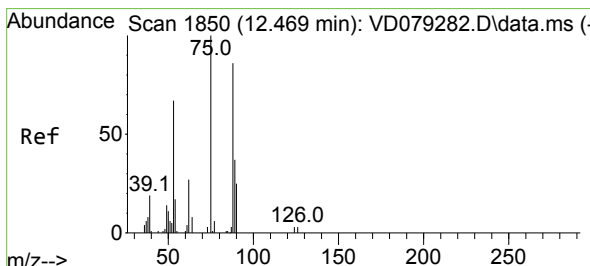
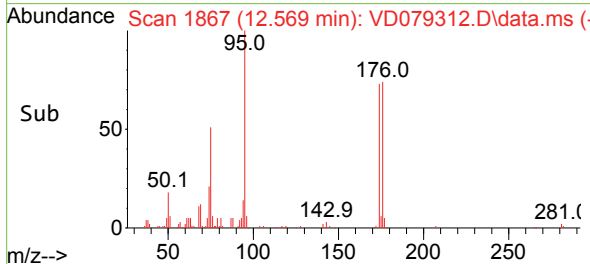
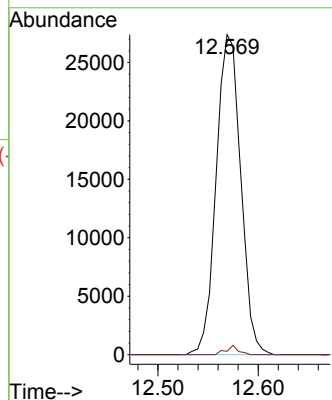
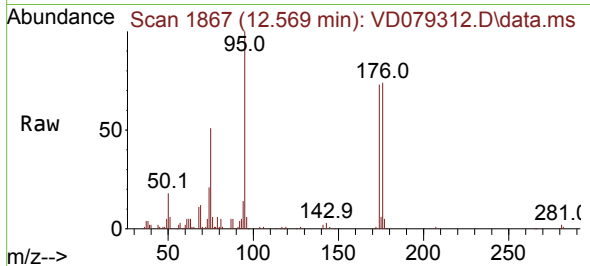




#76
1,2,3-Trichloropropane
Concen: 50.476 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD079312.D
Acq: 02 Jul 2024 10:28

Instrument :
MSVOA_D
ClientSampleId :
VD0702SBL01

Tgt Ion: 75 Resp: 46467
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.663 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD079312.D
Acq: 02 Jul 2024 10:28

Tgt Ion: 75 Resp: 46467
Ion Ratio Lower Upper
75 100
53 0.0 61.4 92.2#
89 0.0 35.4 53.0#

