

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020924\
 Data File : VD078384.D
 Acq On : 09 Feb 2024 12:26
 Operator : RP/MD
 Sample : VD0209SBL01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0209SBL01

Quant Time: Feb 09 22:59:09 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)

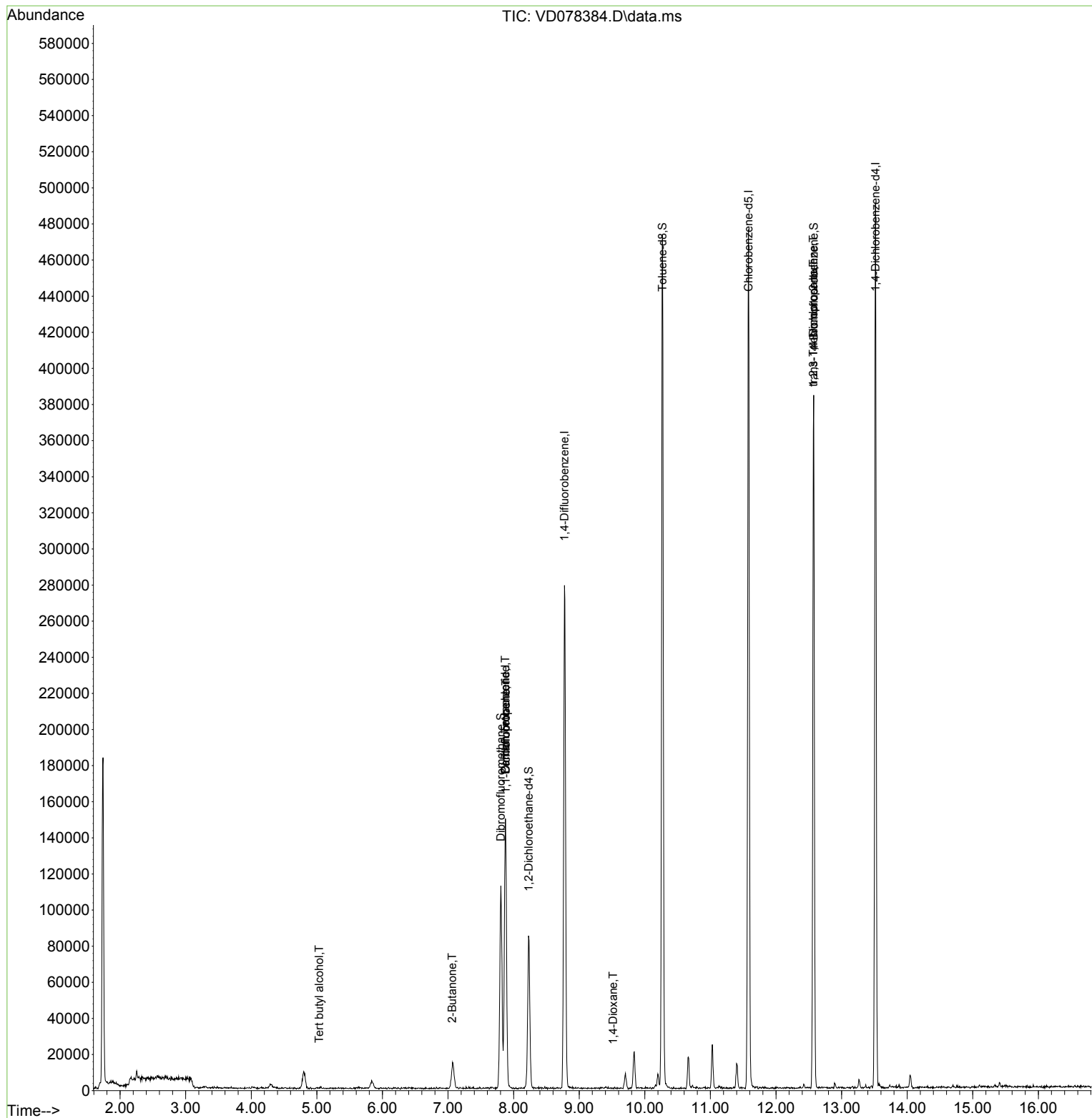
Internal Standards						
1) Pentafluorobenzene	7.875	168	113766	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	248618	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	272462	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	123658	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	63395	45.014	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.020%
35) Dibromofluoromethane	7.805	113	79899	45.141	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.280%
50) Toluene-d8	10.269	98	331845	49.520	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.040%
62) 4-Bromofluorobenzene	12.575	95	109114	54.371	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	108.740%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.034	59	222	2.471	ug/l	# 73
16) Acetone	4.028	43	971	Below Cal	#	32
25) 2-Butanone	7.063	43	627	1.336	ug/l	# 37
36) 1,1-Dichloropropene	7.881	75	9752	3.323	ug/l	# 45
38) Carbon Tetrachloride	7.875	117	11779	4.082	ug/l	# 19
49) 1,4-Dioxane	9.516	88	61	4.681	ug/l	# 33
76) 1,2,3-Trichloropropane	12.569	75	60506	46.815	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.569	75	60506	93.105	ug/l	# 17

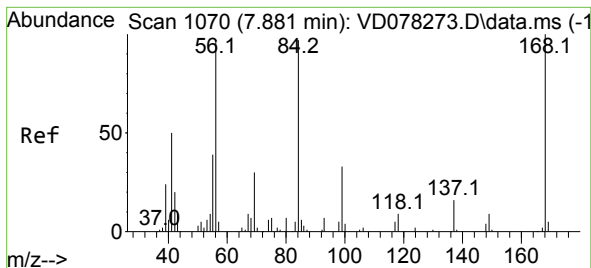
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020924\
Data File : VD078384.D
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Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0209SBL01

Quant Time: Feb 09 22:59:09 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: 7.875 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD078384.D

Acq: 09 Feb 2024 12:26

Instrument :

MSVOA_D

ClientSampleId :

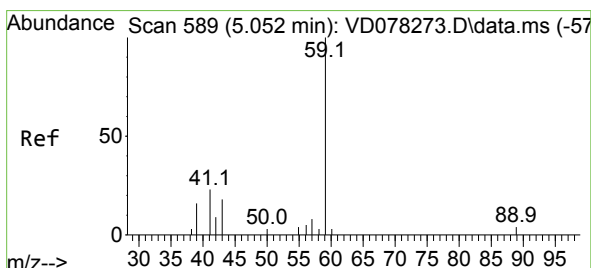
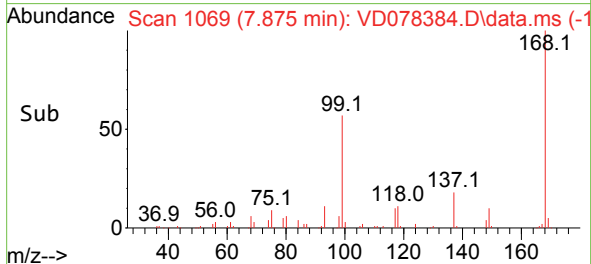
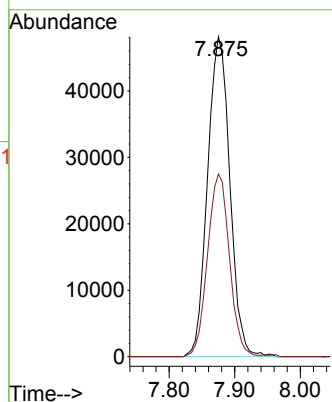
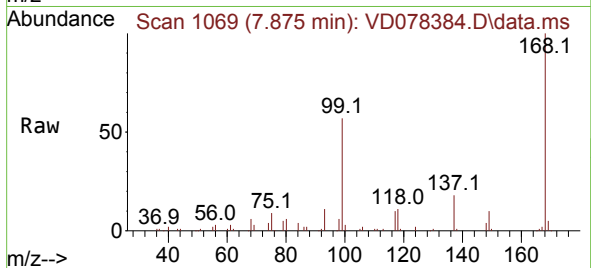
VD0209SBL01

Tgt Ion:168 Resp: 113766

Ion Ratio Lower Upper

168 100

99 57.1 36.7 55.1#



#11

Tert butyl alcohol

Concen: 2.471 ug/l

RT: 5.034 min Scan# 586

Delta R.T. -0.017 min

Lab File: VD078384.D

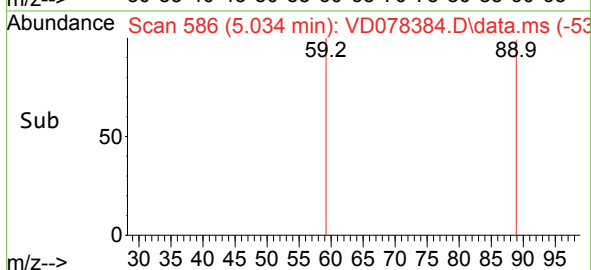
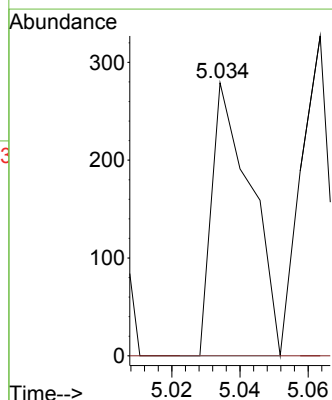
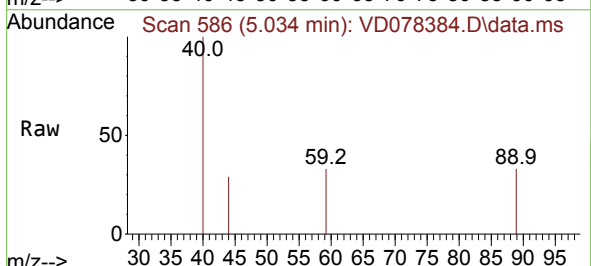
Acq: 09 Feb 2024 12:26

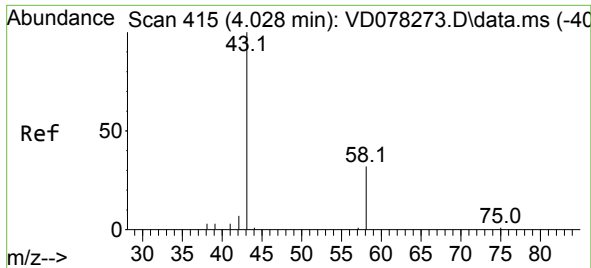
Tgt Ion: 59 Resp: 222

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#

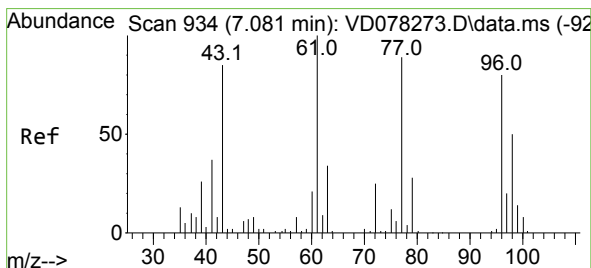
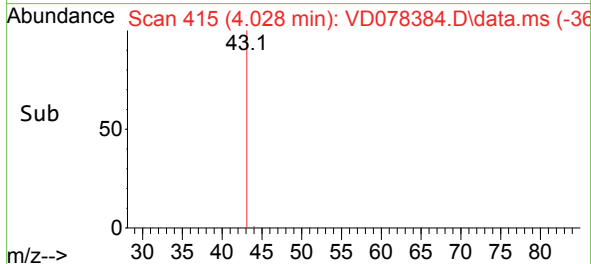
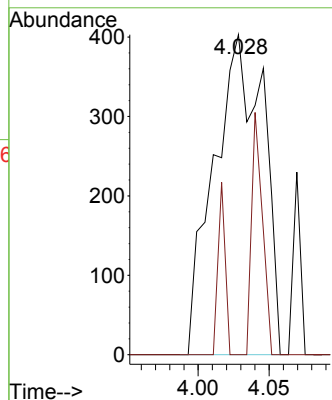
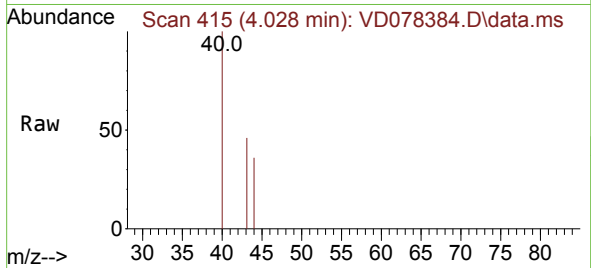




#16
Acetone
Concen: Below Cal
RT: 4.028 min Scan# 415
Delta R.T. 0.000 min
Lab File: VD078384.D
Acq: 09 Feb 2024 12:26

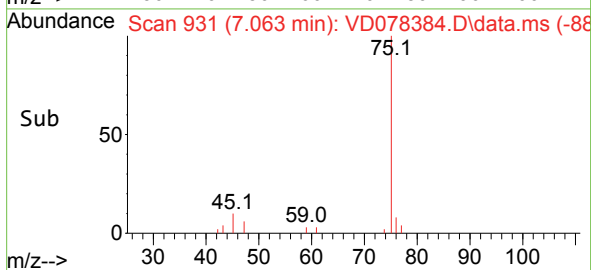
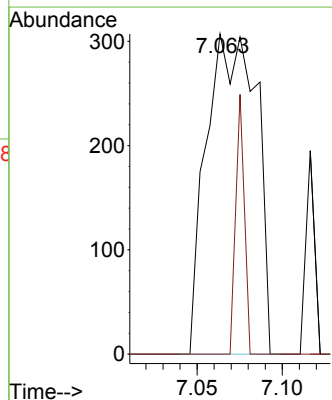
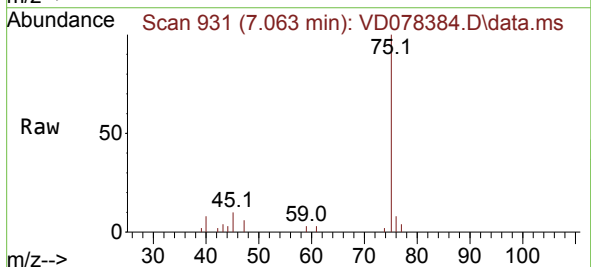
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBL01

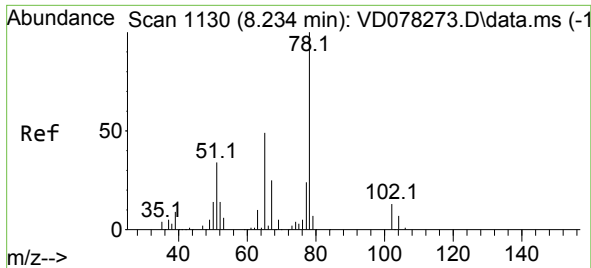
Tgt Ion: 43 Resp: 971
Ion Ratio Lower Upper
43 100
58 0.0 34.7 52.1#



#25
2-Butanone
Concen: 1.336 ug/l
RT: 7.063 min Scan# 931
Delta R.T. -0.017 min
Lab File: VD078384.D
Acq: 09 Feb 2024 12:26

Tgt Ion: 43 Resp: 627
Ion Ratio Lower Upper
43 100
72 0.0 30.7 46.1#





#33

1,2-Dichloroethane-d4

Concen: 45.014 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078384.D

Acq: 09 Feb 2024 12:26

Instrument :

MSVOA_D

ClientSampleId :

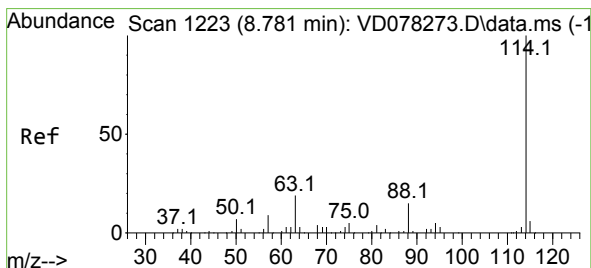
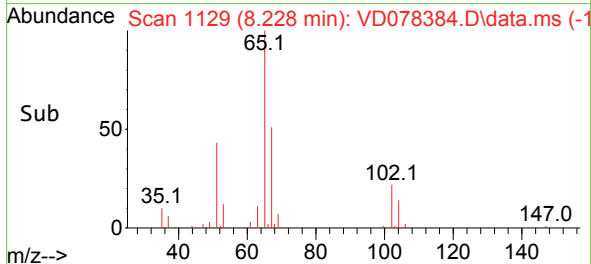
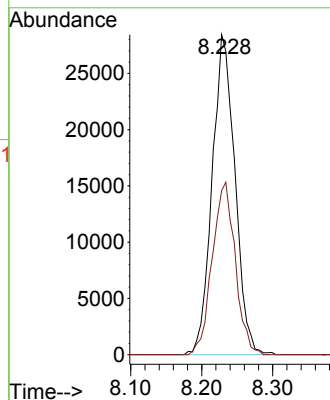
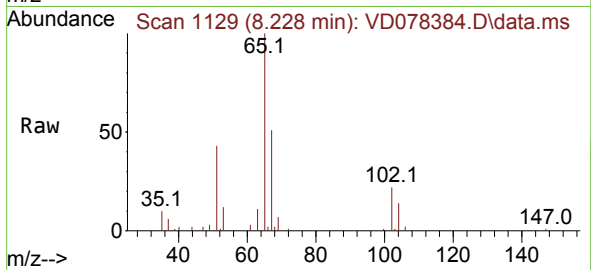
VD0209SBL01

Tgt Ion: 65 Resp: 63395

Ion Ratio Lower Upper

65 100

67 54.3 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD078384.D

Acq: 09 Feb 2024 12:26

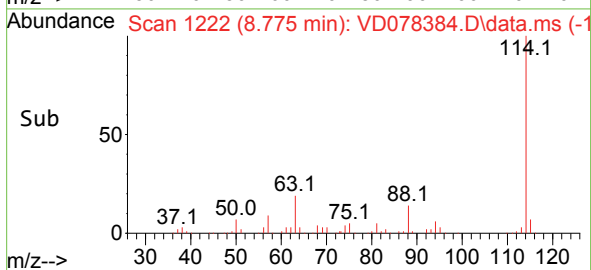
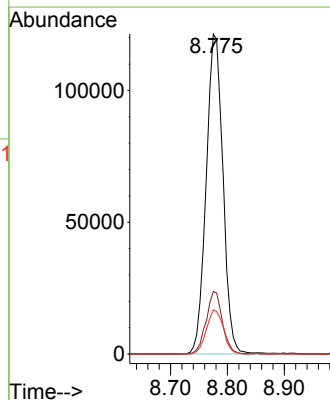
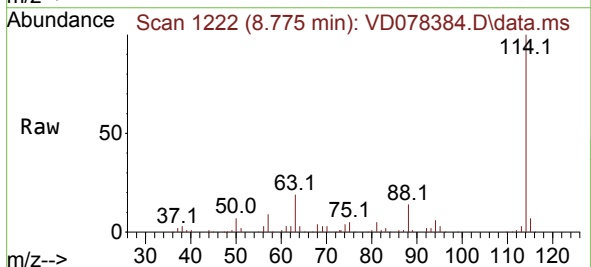
Tgt Ion:114 Resp: 248618

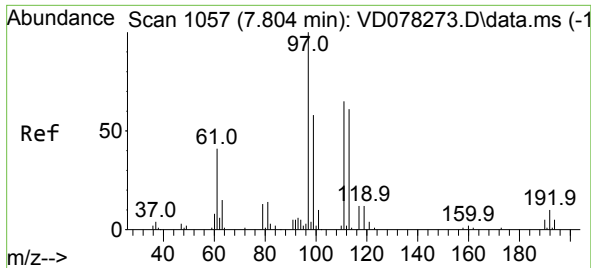
Ion Ratio Lower Upper

114 100

63 19.5 0.0 33.4

88 13.7 0.0 26.2

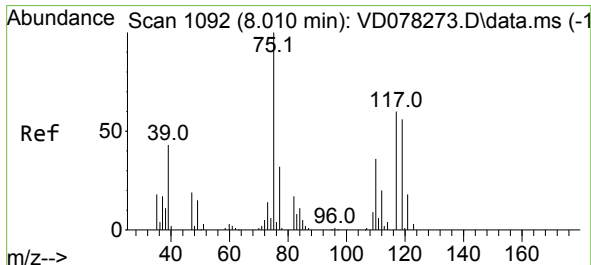
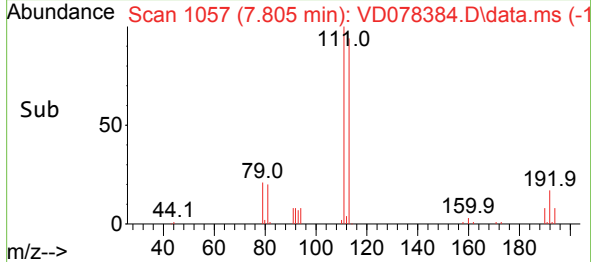
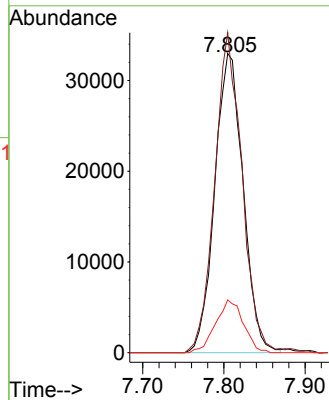
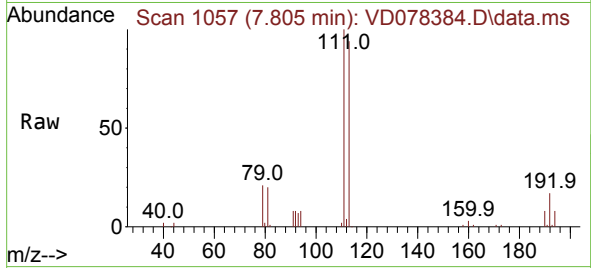




#35
Dibromofluoromethane
Concen: 45.141 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD078384.D
Acq: 09 Feb 2024 12:26

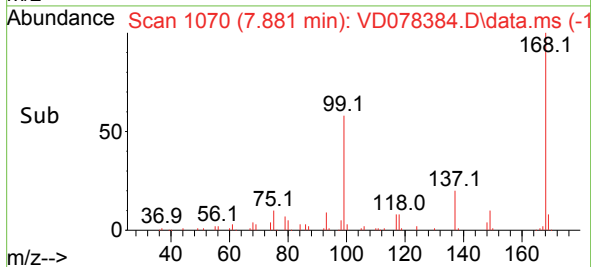
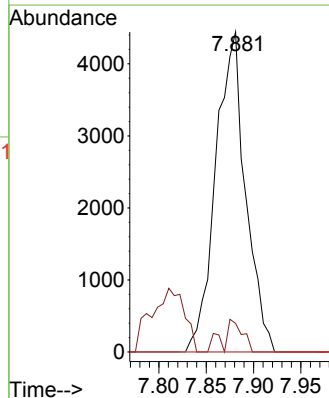
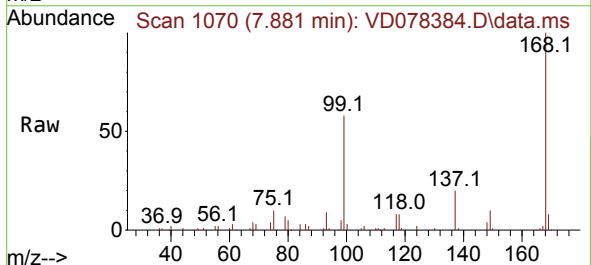
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBL01

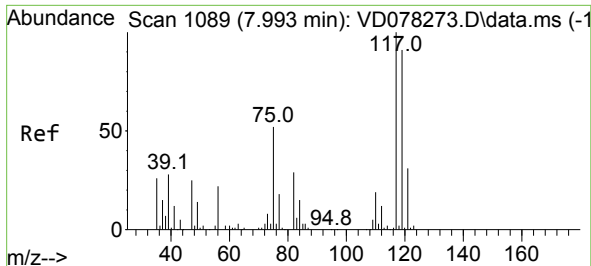
Tgt Ion:113 Resp: 79899
Ion Ratio Lower Upper
113 100
111 102.9 84.7 127.1
192 17.3 16.8 25.2



#36
1,1-Dichloropropene
Concen: 3.323 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.129 min
Lab File: VD078384.D
Acq: 09 Feb 2024 12:26

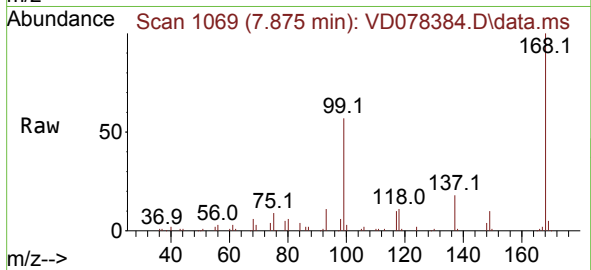
Tgt Ion: 75 Resp: 9752
Ion Ratio Lower Upper
75 100
110 6.7 19.9 59.6#
77 0.0 24.7 37.1#



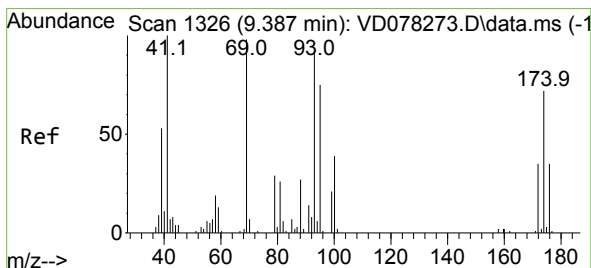
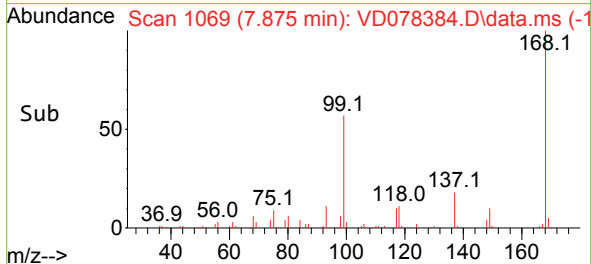
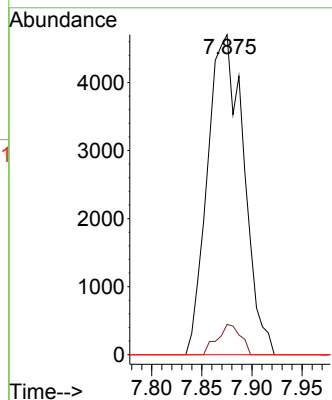


#38
Carbon Tetrachloride
Concen: 4.082 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.117 min
Lab File: VD078384.D
Acq: 09 Feb 2024 12:26

Instrument :
MSVOA_D
ClientSampleId :
VD0209SBL01

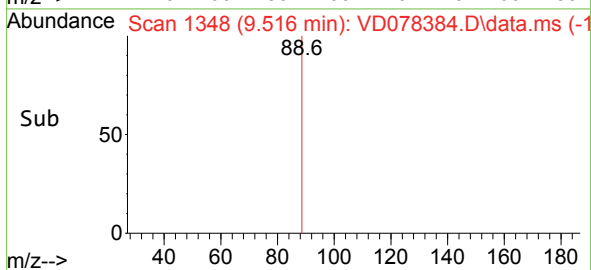
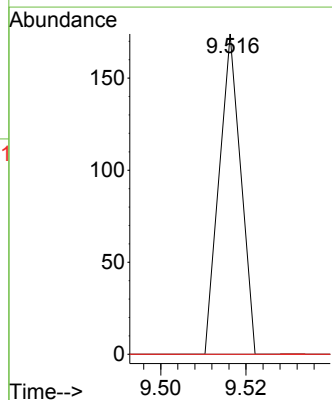
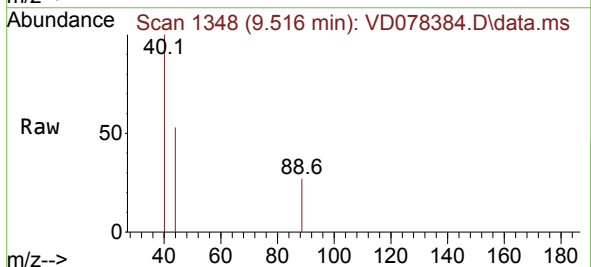


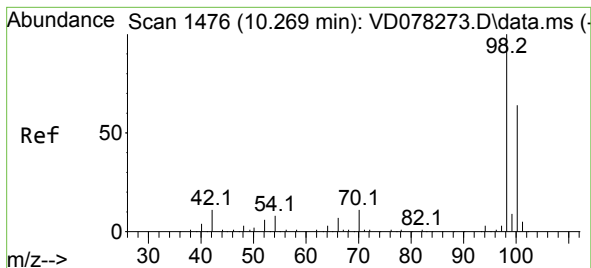
Tgt Ion:117 Resp: 11779
Ion Ratio Lower Upper
117 100
119 9.4 78.0 117.0#
121 0.0 24.2 36.2#



#49
1,4-Dioxane
Concen: 4.681 ug/l
RT: 9.516 min Scan# 1348
Delta R.T. 0.130 min
Lab File: VD078384.D
Acq: 09 Feb 2024 12:26

Tgt Ion: 88 Resp: 61
Ion Ratio Lower Upper
88 100
43 0.0 19.0 28.6#
58 0.0 43.5 65.3#

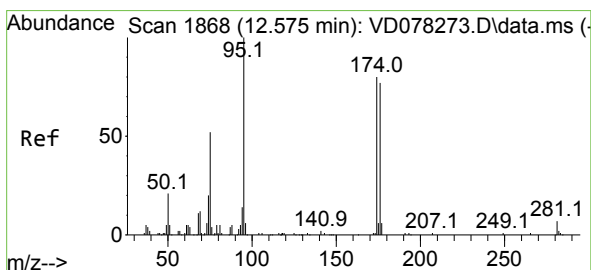
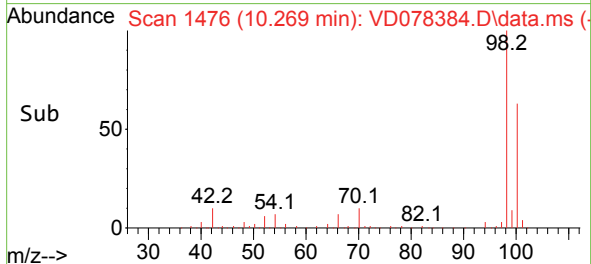
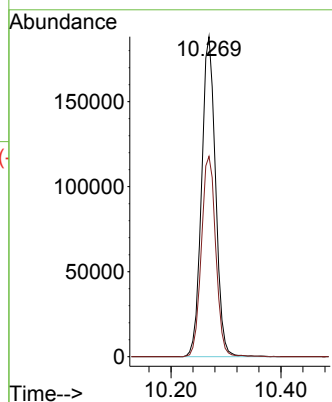
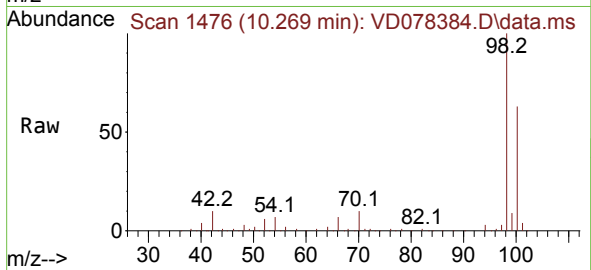




#50
Toluene-d8
Concen: 49.520 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078384.D
Acq: 09 Feb 2024 12:26

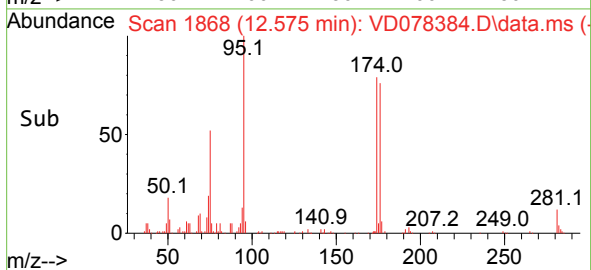
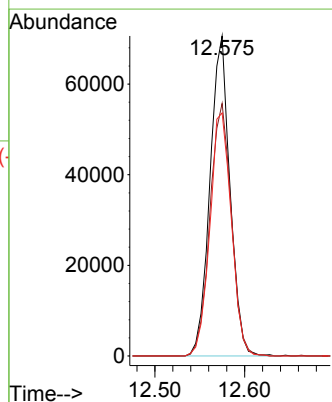
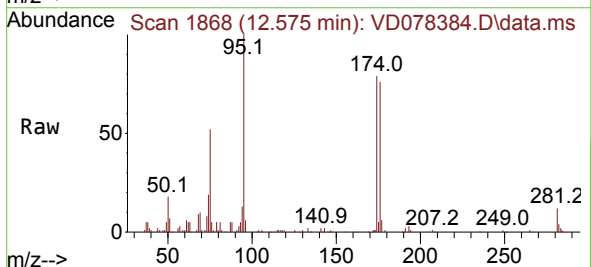
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MSVOA_D
ClientSampleId :
VD0209SBL01

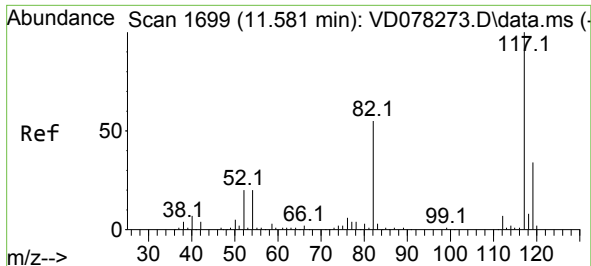
Tgt Ion: 98 Resp: 331845
Ion Ratio Lower Upper
98 100
100 64.6 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 54.371 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078384.D
Acq: 09 Feb 2024 12:26

Tgt Ion: 95 Resp: 109114
Ion Ratio Lower Upper
95 100
174 84.5 0.0 201.8
176 81.5 0.0 191.8

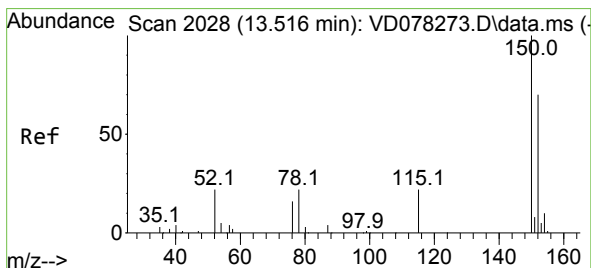
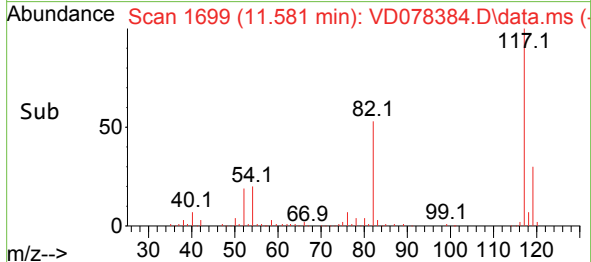
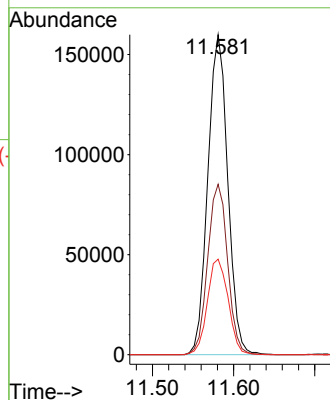
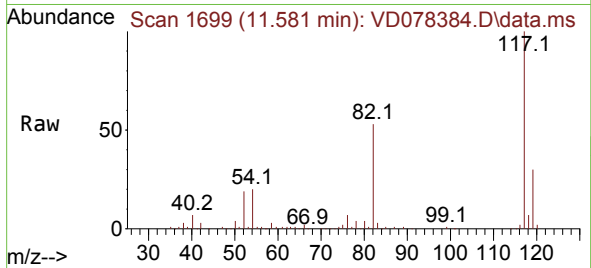




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD078384.D
Acq: 09 Feb 2024 12:26

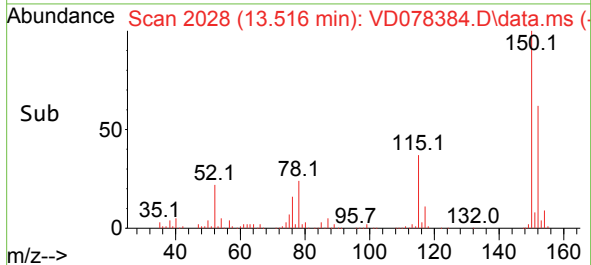
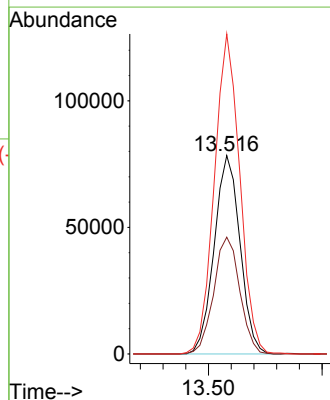
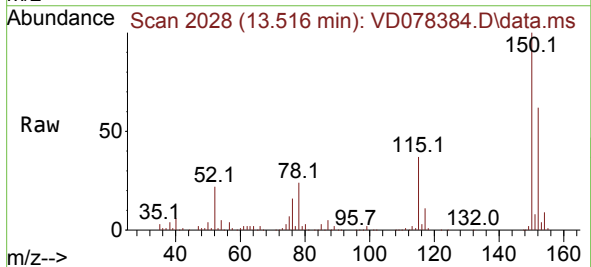
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBL01

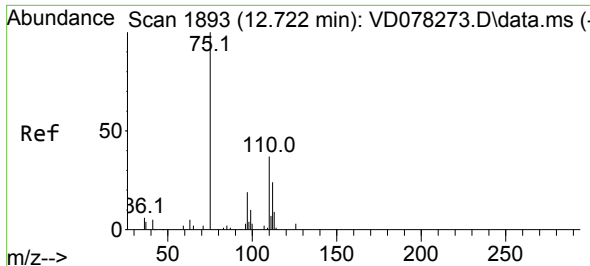
Tgt Ion:117 Resp: 272462
Ion Ratio Lower Upper
117 100
82 53.2 38.3 57.5
119 29.8 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078384.D
Acq: 09 Feb 2024 12:26

Tgt Ion:152 Resp: 123658
Ion Ratio Lower Upper
152 100
115 59.4 27.1 81.3
150 158.8 0.0 353.6

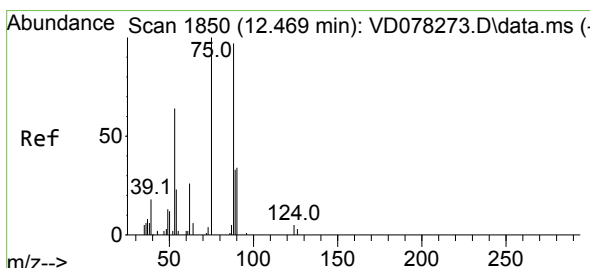
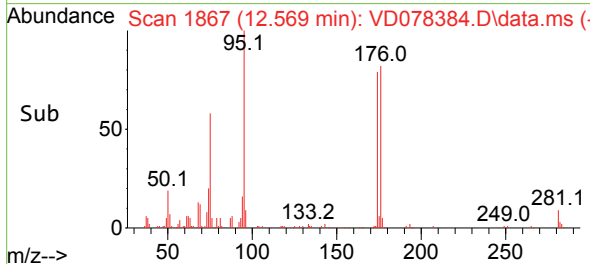
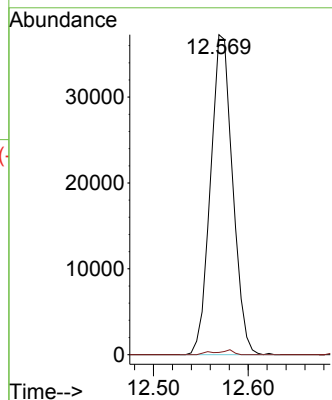
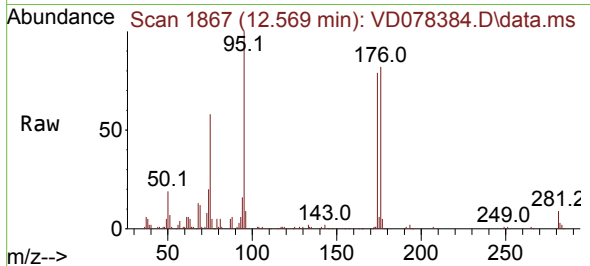




#76
1,2,3-Trichloropropane
Concen: 46.815 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD078384.D
Acq: 09 Feb 2024 12:26

Instrument :
MSVOA_D
ClientSampleId :
VD0209SBL01

Tgt Ion: 75 Resp: 60506
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.105 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD078384.D
Acq: 09 Feb 2024 12:26

Tgt Ion: 75 Resp: 60506
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.1 37.9 56.9#

