

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020924\
 Data File : VD078392.D
 Acq On : 09 Feb 2024 18:24
 Operator : RP/MD
 Sample : P1453-03
 Misc : 5.00G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3-VOV

Quant Time: Feb 09 23:03:33 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)

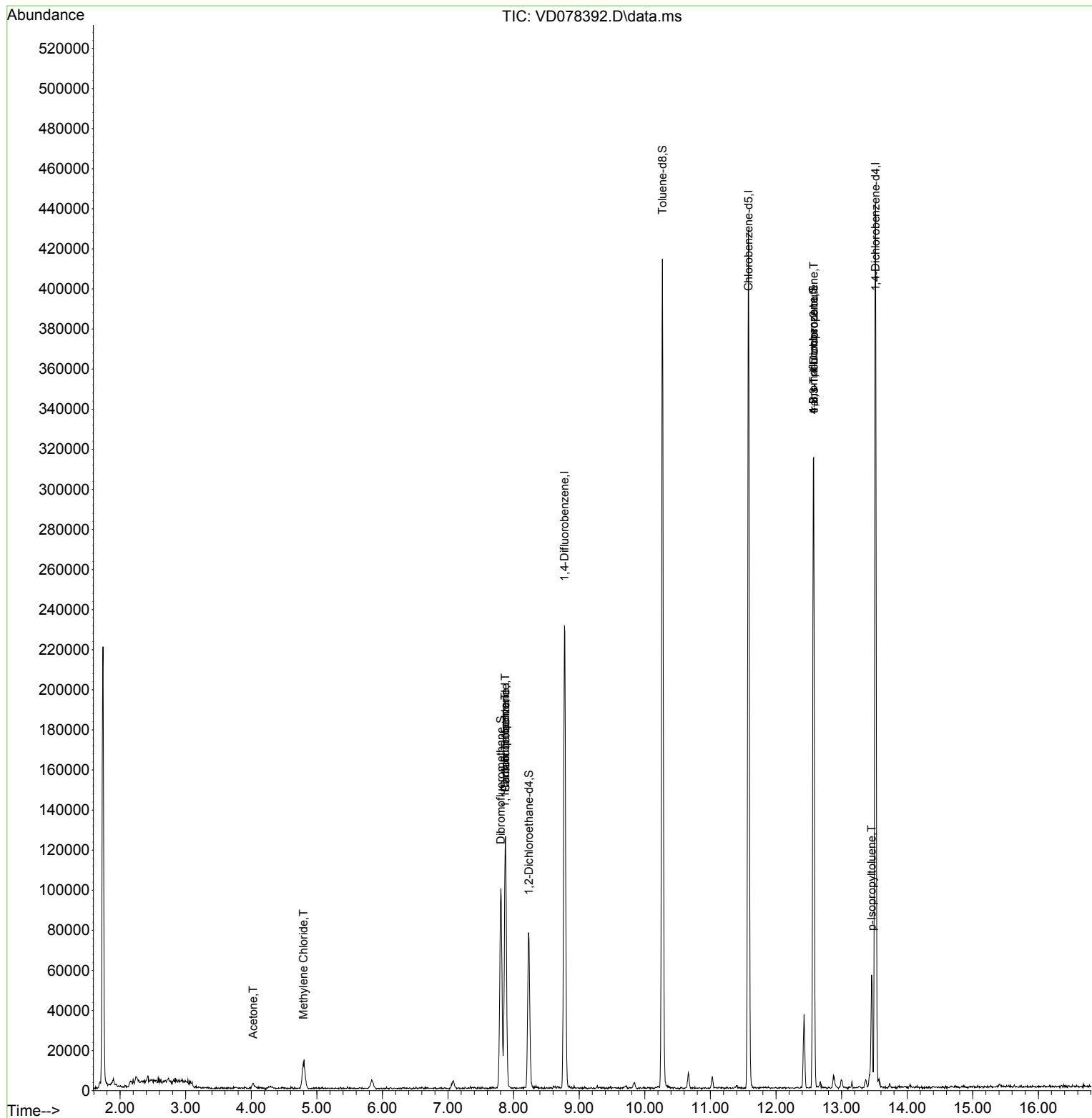
Internal Standards						
1) Pentafluorobenzene	7.875	168	92631	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	209413	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	238030	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	115231	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	59671	52.037	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.080%	
35) Dibromofluoromethane	7.805	113	70734	47.445	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 94.880%	
50) Toluene-d8	10.269	98	277836	49.222	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.440%	
62) 4-Bromofluorobenzene	12.569	95	99752	59.012	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 118.020%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.940	85	55	Below Cal	#	43
16) Acetone	4.028	43	4478	2.059	ug/l	99
20) Methylene Chloride	4.793	84	9766	4.444	ug/l	# 75
36) 1,1-Dichloropropene	7.869	75	8750	3.539	ug/l	# 45
38) Carbon Tetrachloride	7.875	117	9887	4.067	ug/l	# 17
76) 1,2,3-Trichloropropane	12.575	75	55104	45.753	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.575	75	55104	90.993	ug/l	# 17
86) p-Isopropyltoluene	13.457	119	30169	3.468	ug/l	92

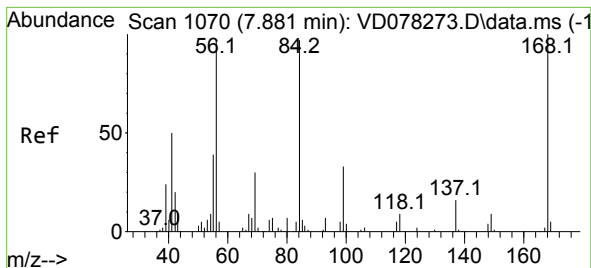
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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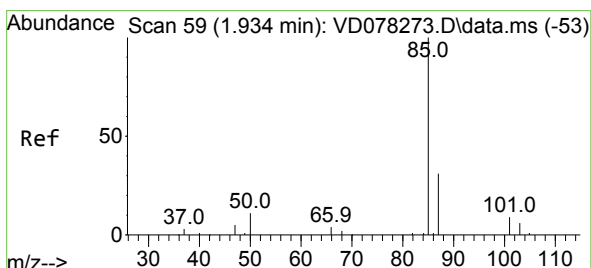
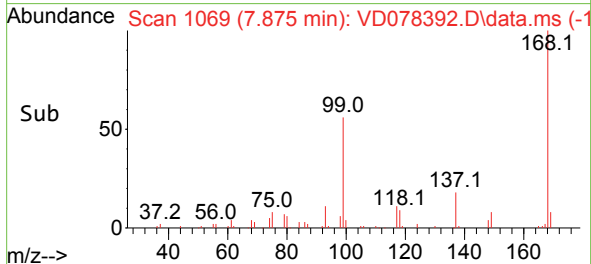
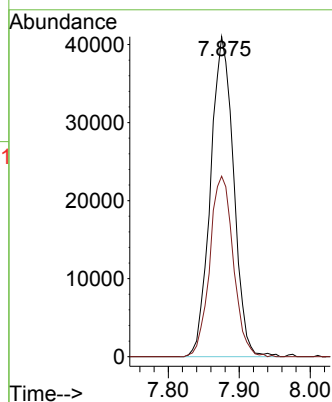
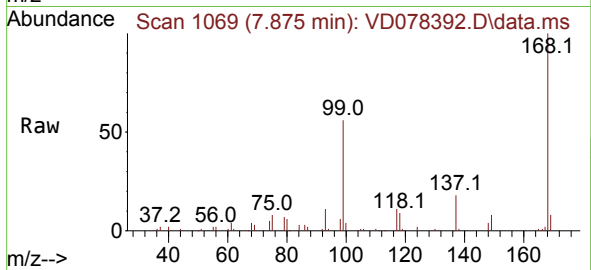




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD078392.D
Acq: 09 Feb 2024 18:24

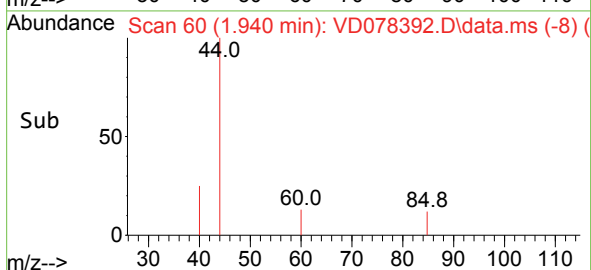
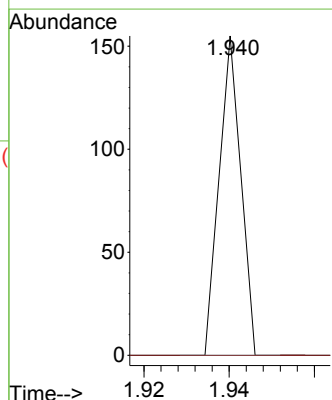
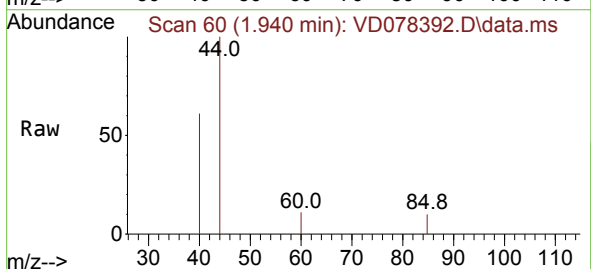
Instrument :
MSVOA_D
ClientSampleId :
TP-3-VOV

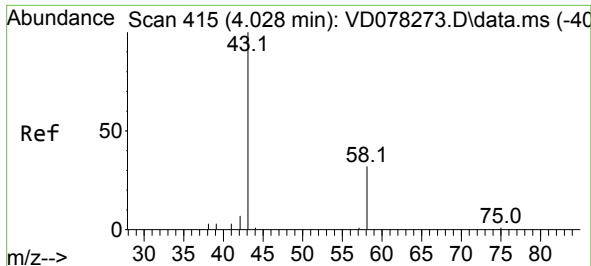
Tgt Ion:168 Resp: 92631
Ion Ratio Lower Upper
168 100
99 56.4 36.7 55.1#



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.940 min Scan# 60
Delta R.T. 0.006 min
Lab File: VD078392.D
Acq: 09 Feb 2024 18:24

Tgt Ion: 85 Resp: 55
Ion Ratio Lower Upper
85 100
87 0.0 15.7 47.0#





#16

Acetone

Concen: 2.059 ug/l

RT: 4.028 min Scan# 415

Delta R.T. 0.000 min

Lab File: VD078392.D

Acq: 09 Feb 2024 18:24

Instrument :

MSVOA_D

ClientSampleId :

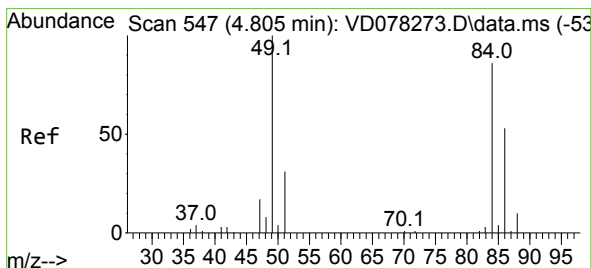
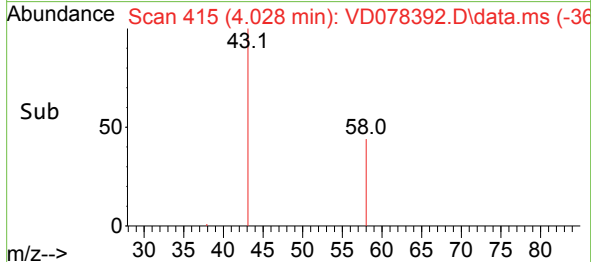
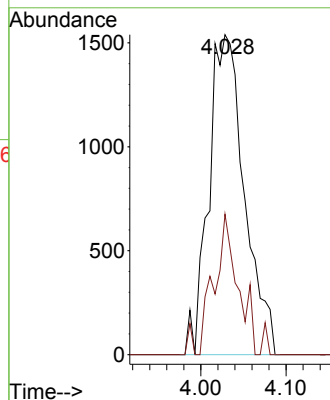
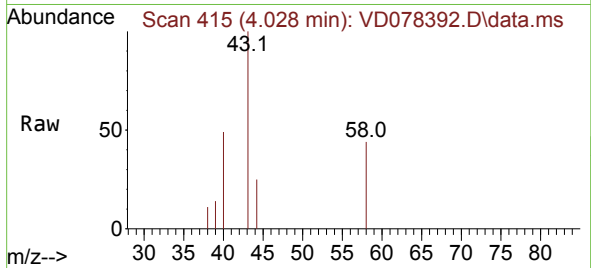
TP-3-VOV

Tgt Ion: 43 Resp: 4478

Ion Ratio Lower Upper

43 100

58 43.9 34.7 52.1



#20

Methylene Chloride

Concen: 4.444 ug/l

RT: 4.793 min Scan# 545

Delta R.T. -0.012 min

Lab File: VD078392.D

Acq: 09 Feb 2024 18:24

Tgt Ion: 84 Resp: 9766

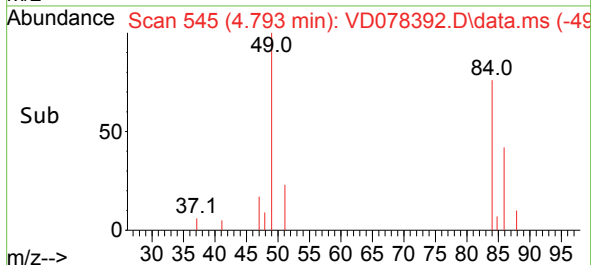
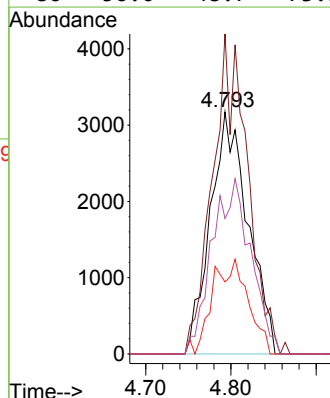
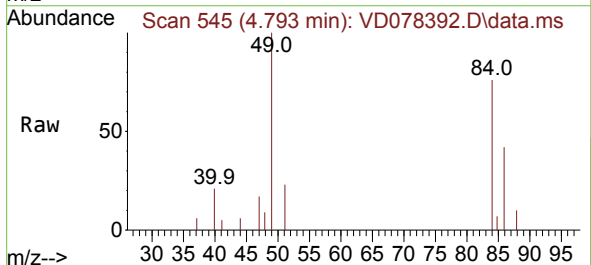
Ion Ratio Lower Upper

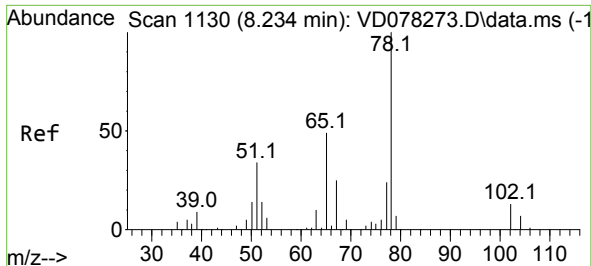
84 100

49 132.3 71.4 107.2#

51 29.8 24.5 36.7

86 56.0 48.7 73.1





#33

1,2-Dichloroethane-d4

Concen: 52.037 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078392.D

Acq: 09 Feb 2024 18:24

Instrument :

MSVOA_D

ClientSampleId :

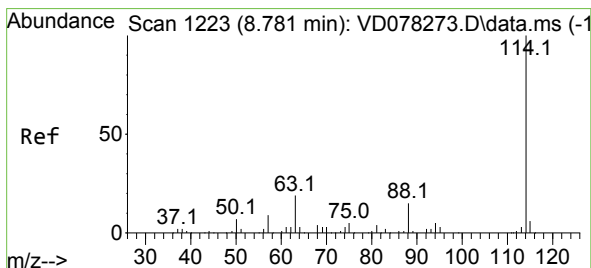
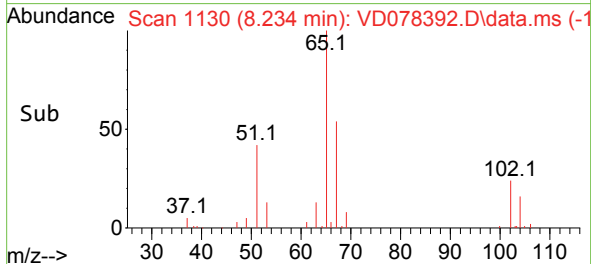
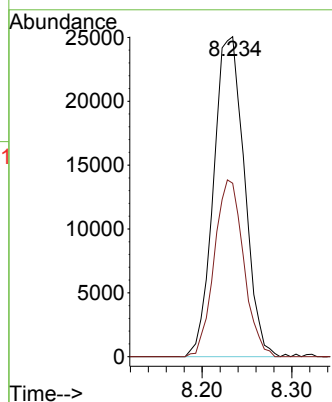
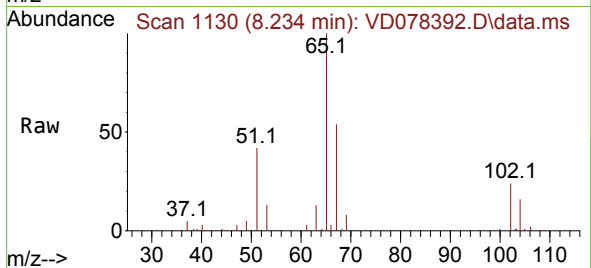
TP-3-VOV

Tgt Ion: 65 Resp: 59671

Ion Ratio Lower Upper

65 100

67 52.7 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: VD078392.D

Acq: 09 Feb 2024 18:24

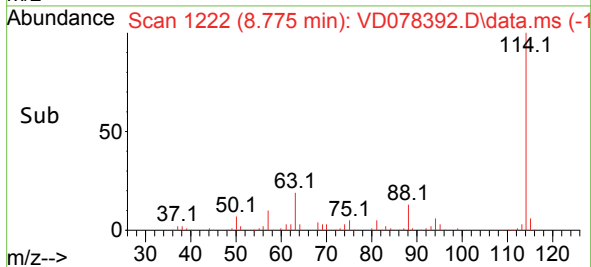
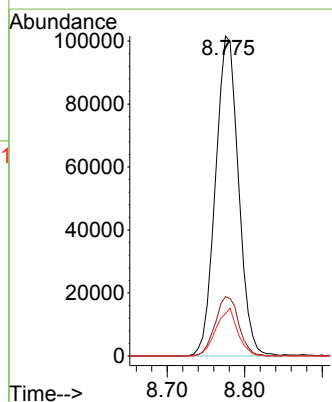
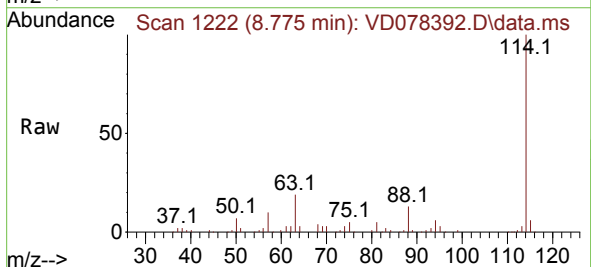
Tgt Ion: 114 Resp: 209413

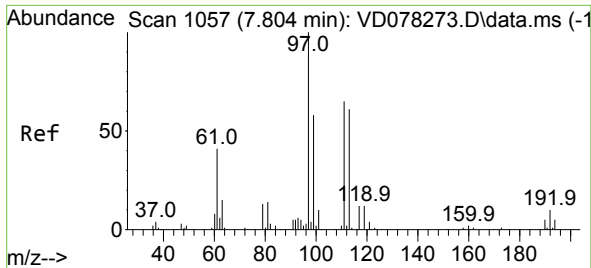
Ion Ratio Lower Upper

114 100

63 18.5 0.0 33.4

88 13.2 0.0 26.2





#35

Dibromofluoromethane

Concen: 47.445 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD078392.D

Acq: 09 Feb 2024 18:24

Instrument :

MSVOA_D

ClientSampleId :

TP-3-VOV

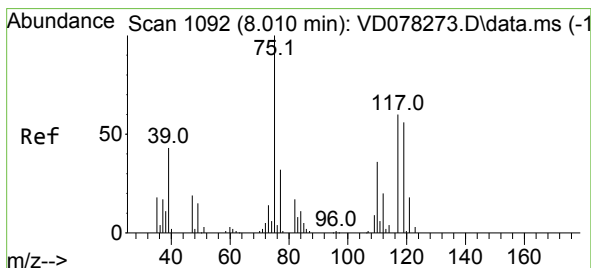
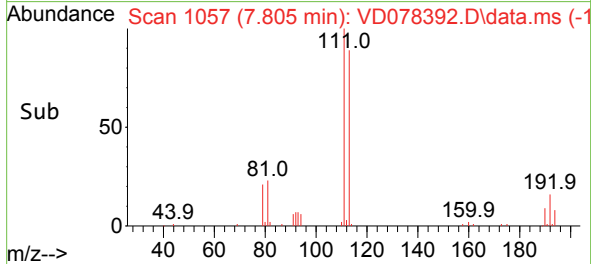
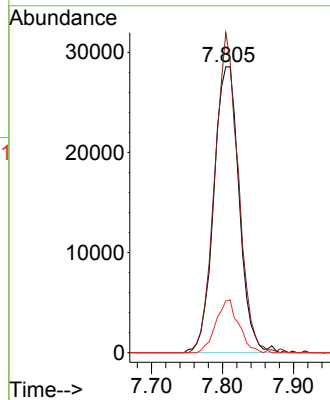
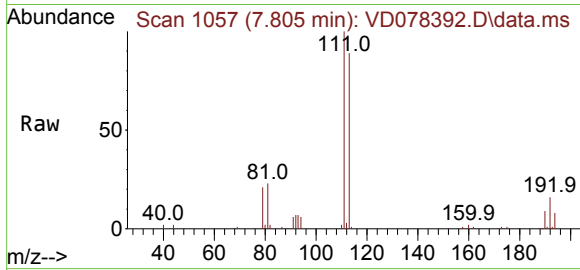
Tgt Ion:113 Resp: 70734

Ion Ratio Lower Upper

113 100

111 103.9 84.7 127.1

192 16.6 16.8 25.2#



#36

1,1-Dichloropropene

Concen: 3.539 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.141 min

Lab File: VD078392.D

Acq: 09 Feb 2024 18:24

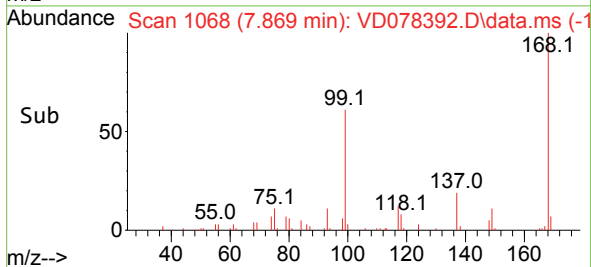
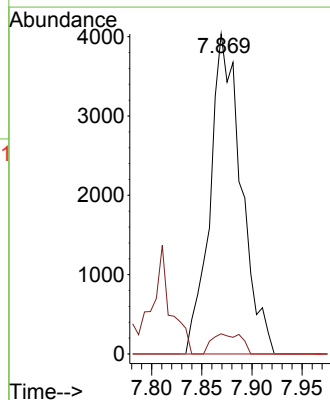
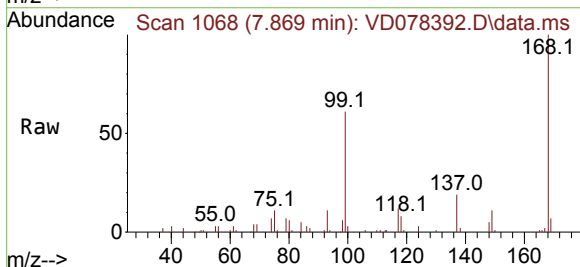
Tgt Ion: 75 Resp: 8750

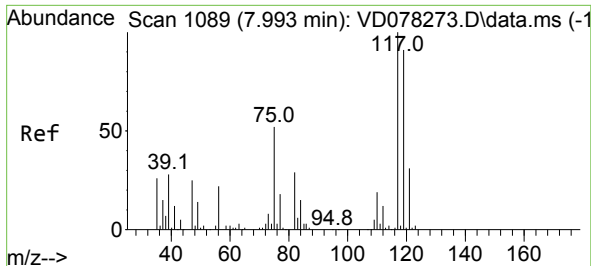
Ion Ratio Lower Upper

75 100

110 6.0 19.9 59.6#

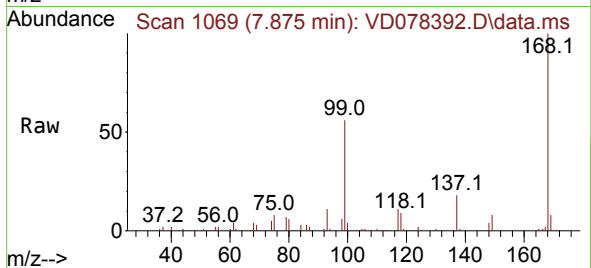
77 0.0 24.7 37.1#



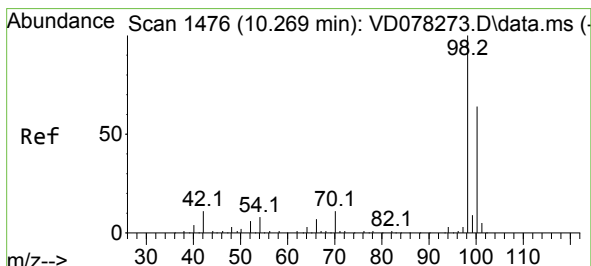
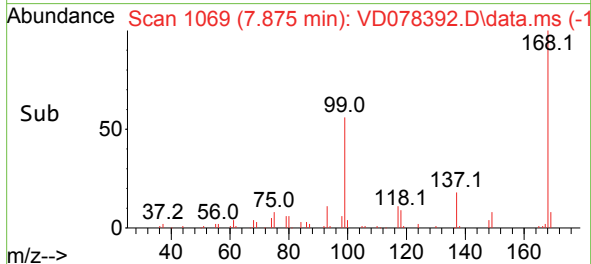
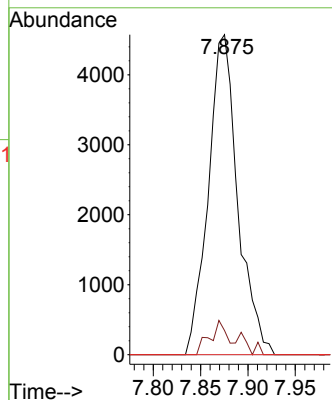


#38
Carbon Tetrachloride
Concen: 4.067 ug/l
RT: 7.875 min Scan# 1089
Delta R.T. -0.117 min
Lab File: VD078392.D
Acq: 09 Feb 2024 18:24

Instrument :
MSVOA_D
ClientSampleId :
TP-3-VOV

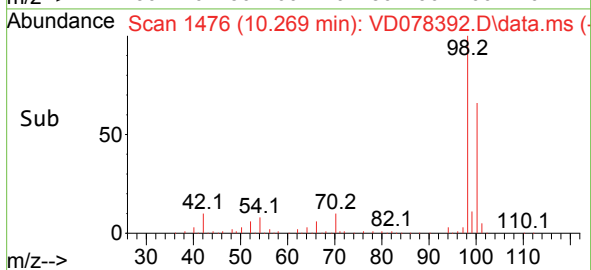
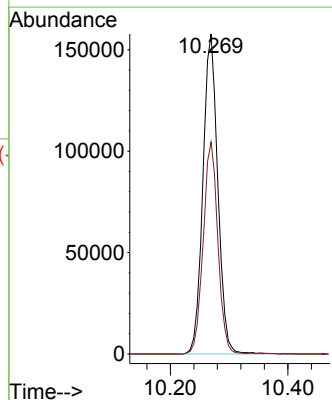
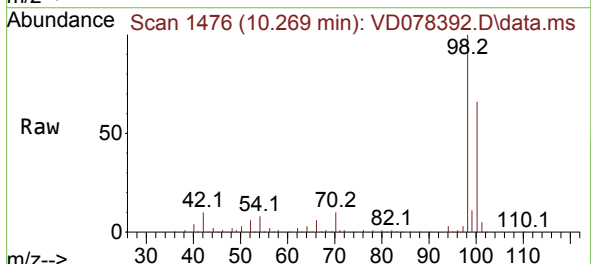


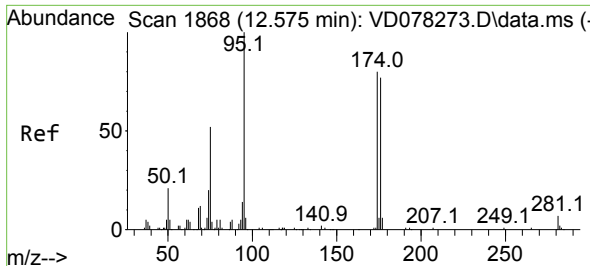
Tgt Ion:117 Resp: 9887
Ion Ratio Lower Upper
117 100
119 7.6 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 49.222 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078392.D
Acq: 09 Feb 2024 18:24

Tgt Ion: 98 Resp: 277836
Ion Ratio Lower Upper
98 100
100 65.1 50.3 75.5

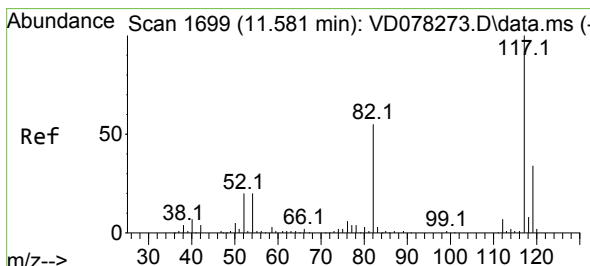
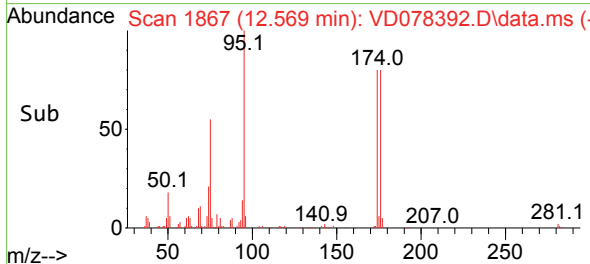
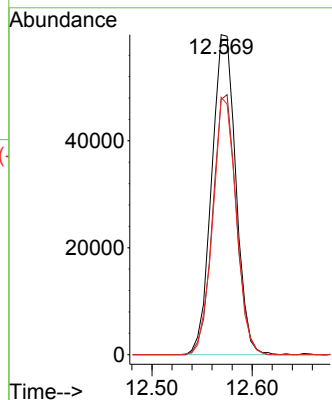
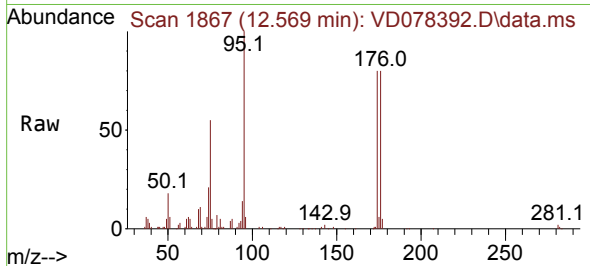




#62
4-Bromofluorobenzene
Concen: 59.012 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD078392.D
Acq: 09 Feb 2024 18:24

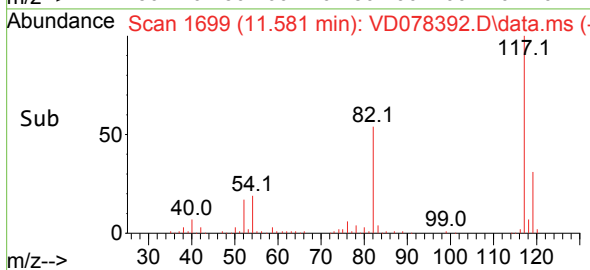
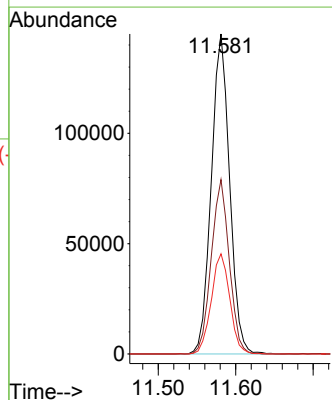
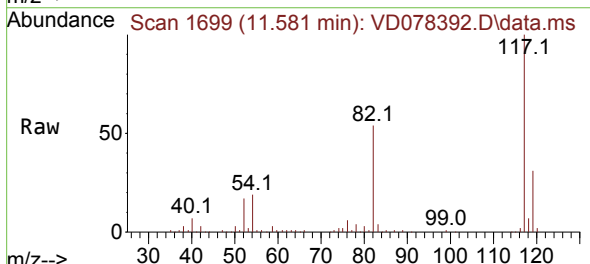
Instrument :
MSVOA_D
ClientSampleId :
TP-3-VOV

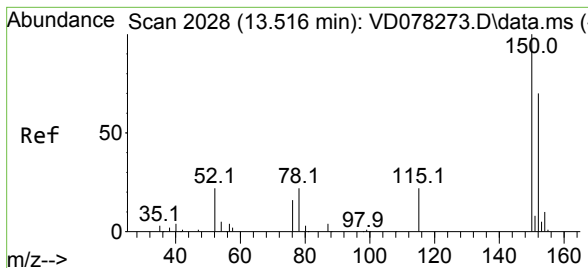
Tgt Ion:	95	Resp:	99752
Ion	Ratio	Lower	Upper
95	100		
174	79.6	0.0	201.8
176	78.0	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD078392.D
Acq: 09 Feb 2024 18:24

Tgt Ion:	117	Resp:	238030
Ion	Ratio	Lower	Upper
117	100		
82	54.5	38.3	57.5
119	31.3	25.0	37.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 20

Delta R.T. 0.000 min

Lab File: VD078392.D

Acq: 09 Feb 2024 18:24

Instrument :

MSVOA_D

ClientSampleId :

TP-3-VOV

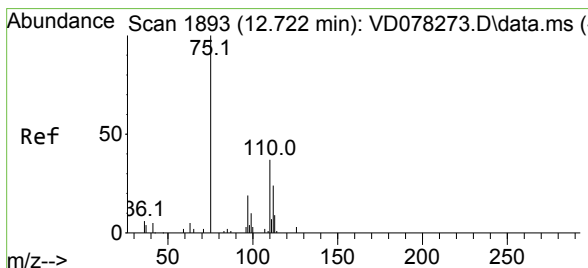
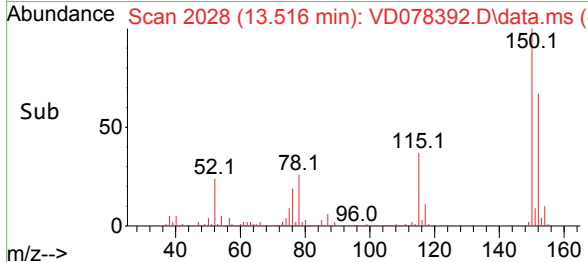
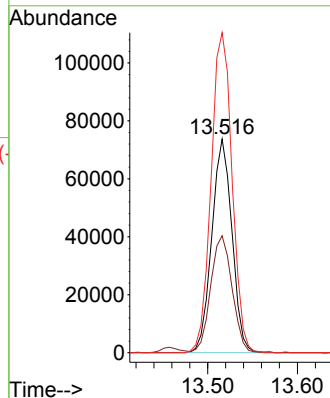
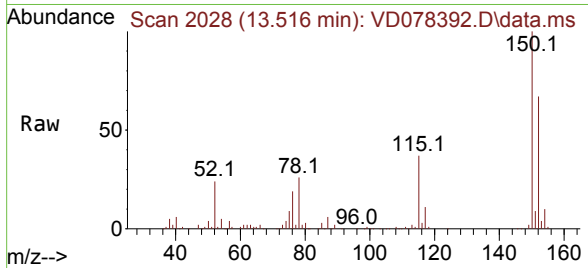
Tgt Ion:152 Resp: 115231

Ion Ratio Lower Upper

152 100

115 57.9 27.1 81.3

150 155.3 0.0 353.6



#76

1,2,3-Trichloropropane

Concen: 45.753 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.147 min

Lab File: VD078392.D

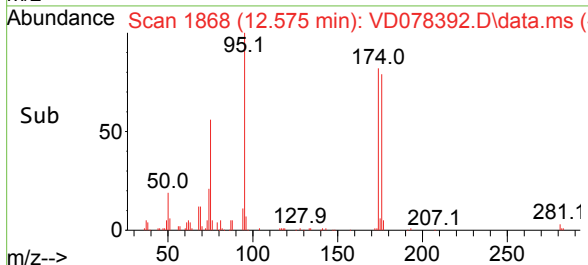
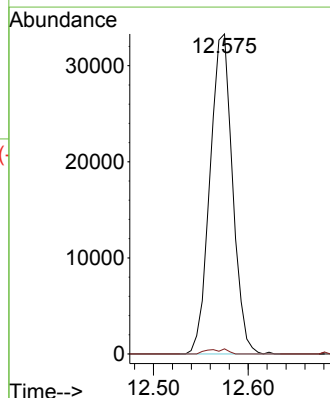
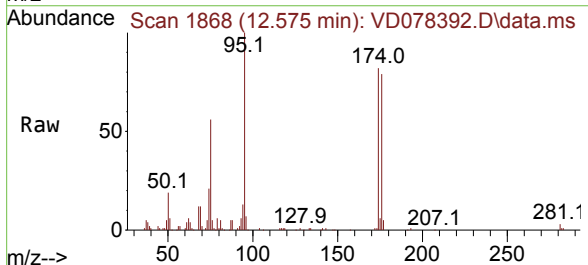
Acq: 09 Feb 2024 18:24

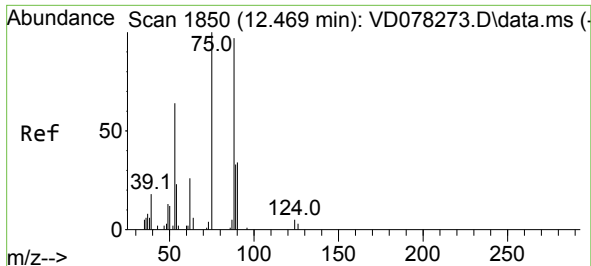
Tgt Ion: 75 Resp: 55104

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#

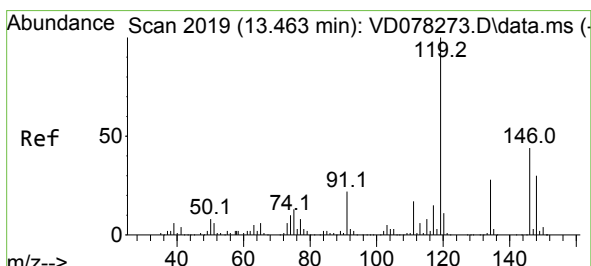
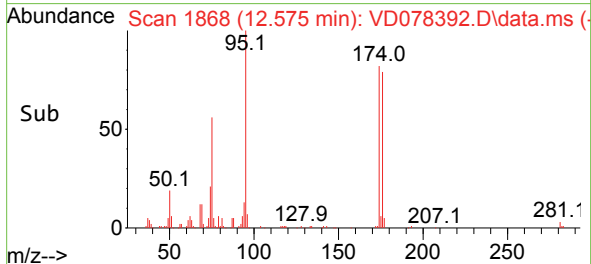
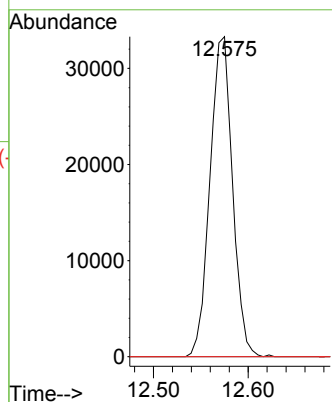
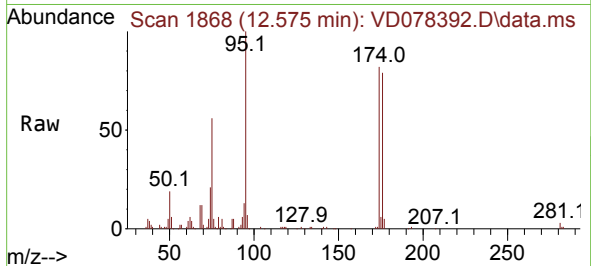




#81
trans-1,4-Dichloro-2-butene
Concen: 90.993 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD078392.D
Acq: 09 Feb 2024 18:24

Instrument :
MSVOA_D
ClientSampleId :
TP-3-VOV

Tgt Ion: 75 Resp: 55104
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#



#86
p-Isopropyltoluene
Concen: 3.468 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.006 min
Lab File: VD078392.D
Acq: 09 Feb 2024 18:24

Tgt Ion: 119 Resp: 30169
Ion Ratio Lower Upper
119 100
134 23.0 14.2 42.6
91 22.8 10.5 31.5

