

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD090624\
 Data File : VD079801.D
 Acq On : 06 Sep 2024 16:29
 Operator : RP/MD
 Sample : P3587-06
 Misc : 6.67G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-C2-GRAB

Quant Time: Sep 06 23:59:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D083024S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 15:57:30 2024
 Response via : Initial Calibration

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

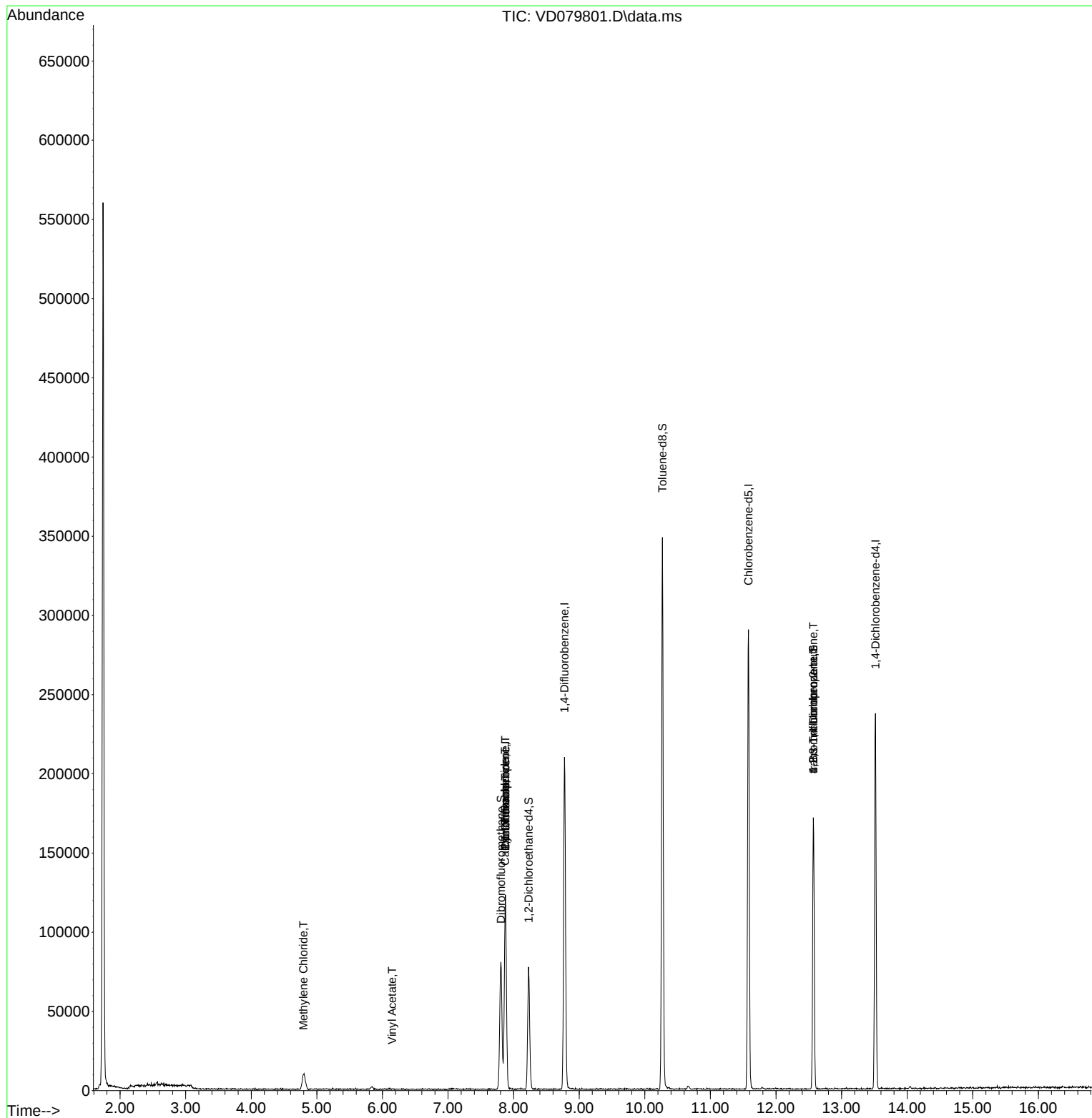
Internal Standards						
1) Pentafluorobenzene	7.875	168	82569	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	177564	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	160430	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	59806	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	57020	50.648	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.300%	
35) Dibromofluoromethane	7.811	113	57341	49.682	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.360%	
50) Toluene-d8	10.269	98	233357	47.144	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 94.280%	
62) 4-Bromofluorobenzene	12.569	95	52938	38.222	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 76.440%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.793	84	7392	2.828	ug/l	# 82
23) Vinyl Acetate	6.146	43	64	2.543	ug/l	# 63
31) Cyclohexane	7.875	56	2472	1.313	ug/l	# 20
36) 1,1-Dichloropropene	7.875	75	8580	5.016	ug/l	# 45
38) Carbon Tetrachloride	7.869	117	9225	5.056	ug/l	# 18
76) 1,2,3-Trichloropropane	12.569	75	29845	58.387	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.569	75	29845	97.383	ug/l	# 19

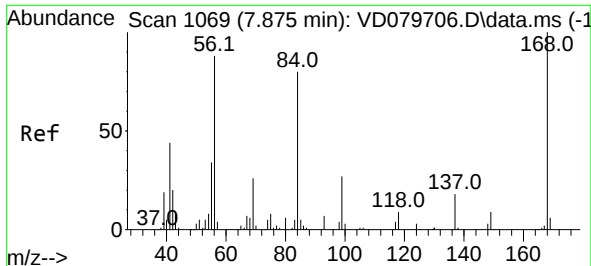
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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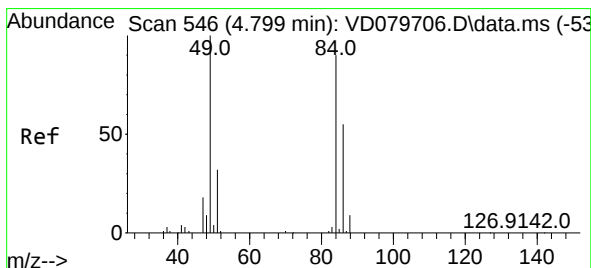
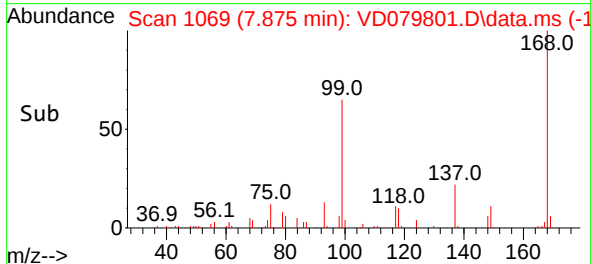
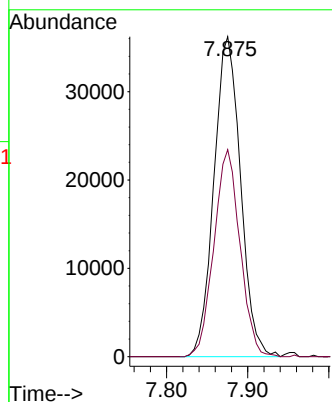
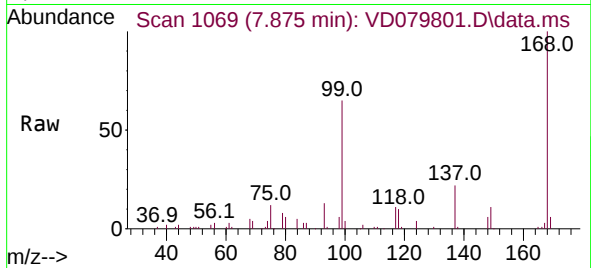




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079801.D
Acq: 06 Sep 2024 16:29

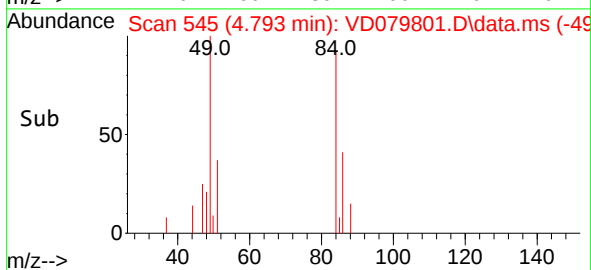
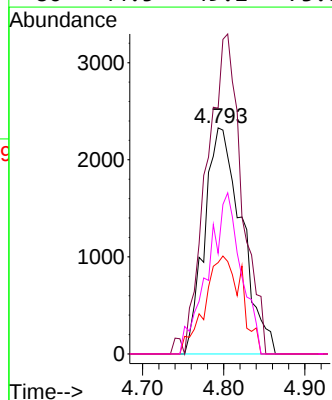
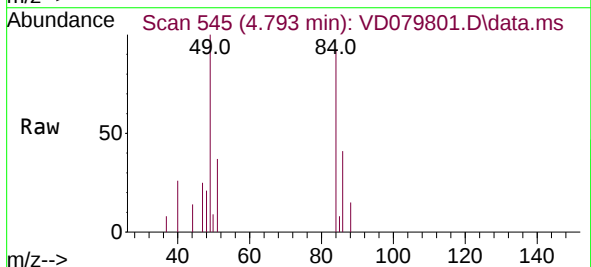
Instrument :
MSVOA_D
ClientSampleId :
WC-C2-GRAB

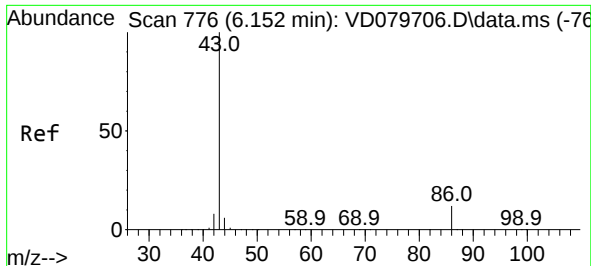
Tgt Ion:168 Resp: 82569
Ion Ratio Lower Upper
168 100
99 64.7 41.1 61.7#



#20
Methylene Chloride
Concen: 2.828 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD079801.D
Acq: 06 Sep 2024 16:29

Tgt Ion: 84 Resp: 7392
Ion Ratio Lower Upper
84 100
49 108.8 75.6 113.4
51 40.4 24.2 36.2#
86 44.5 49.2 73.8#

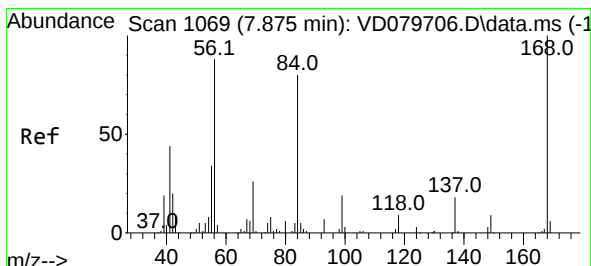
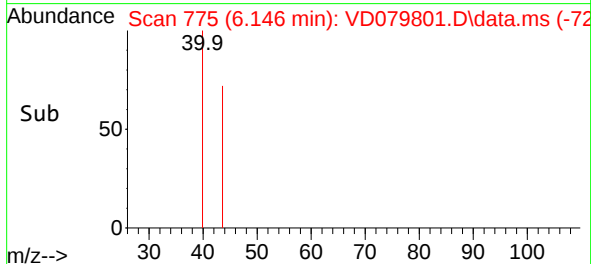
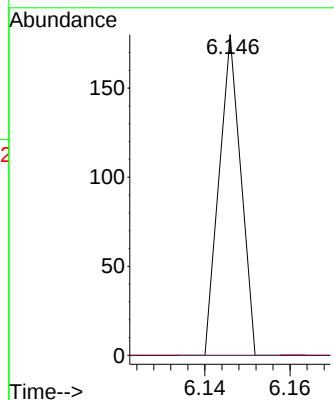
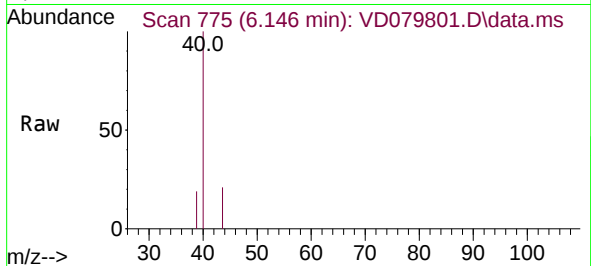




#23
 Vinyl Acetate
 Concen: 2.543 ug/l
 RT: 6.146 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VD079801.D
 Acq: 06 Sep 2024 16:29

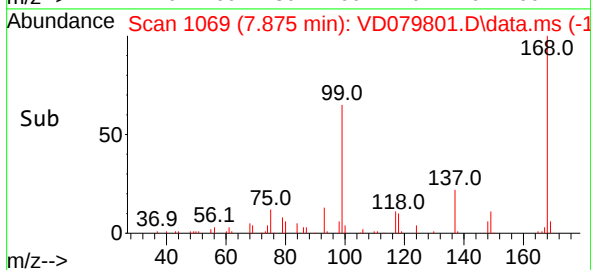
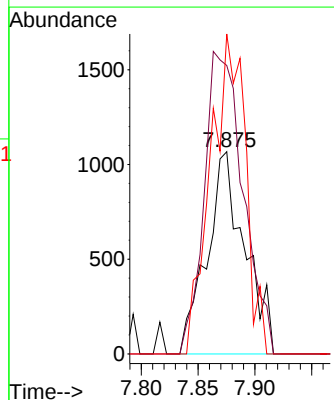
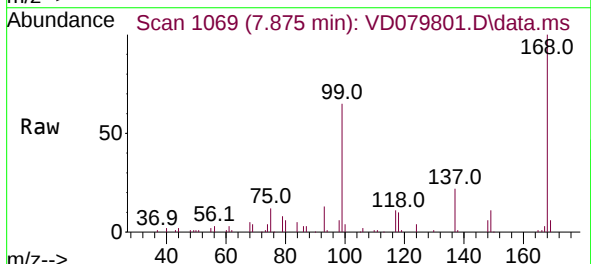
Instrument :
 MSVOA_D
 ClientSampleId :
 WC-C2-GRAB

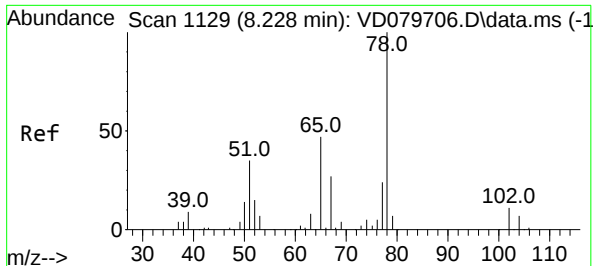
Tgt Ion: 43 Resp: 64
 Ion Ratio Lower Upper
 43 100
 86 0.0 12.3 18.5#



#31
 Cyclohexane
 Concen: 1.313 ug/l
 RT: 7.875 min Scan# 1069
 Delta R.T. 0.000 min
 Lab File: VD079801.D
 Acq: 06 Sep 2024 16:29

Tgt Ion: 56 Resp: 2472
 Ion Ratio Lower Upper
 56 100
 69 142.7 28.0 42.0#
 84 158.3 87.4 131.0#





#33

1,2-Dichloroethane-d4

Concen: 50.648 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD079801.D

Acq: 06 Sep 2024 16:29

Instrument :

MSVOA_D

ClientSampleId :

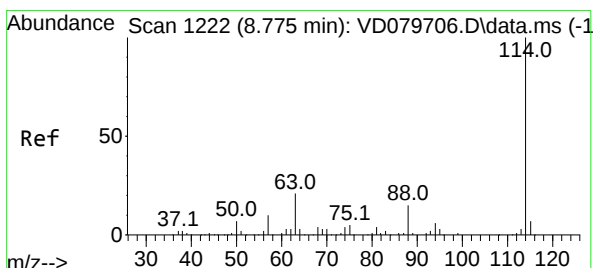
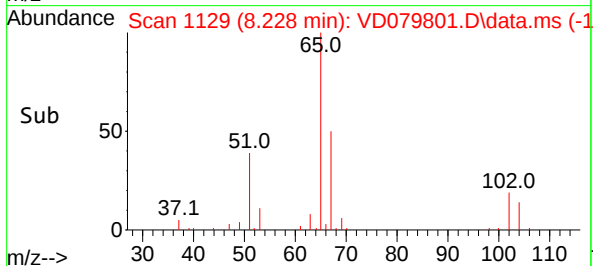
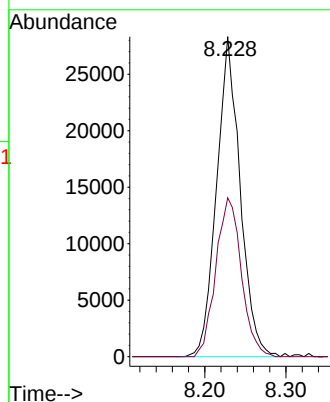
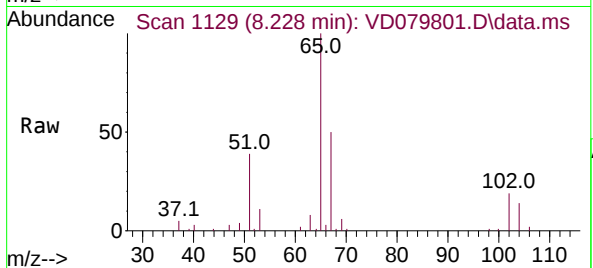
WC-C2-GRAB

Tgt Ion: 65 Resp: 57020

Ion Ratio Lower Upper

65 100

67 53.9 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD079801.D

Acq: 06 Sep 2024 16:29

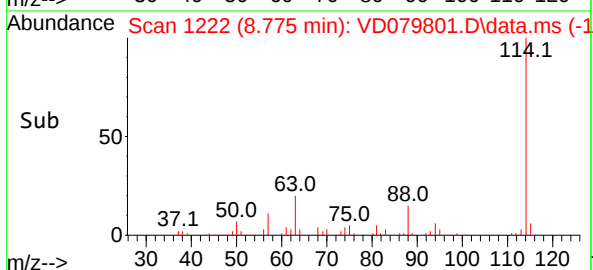
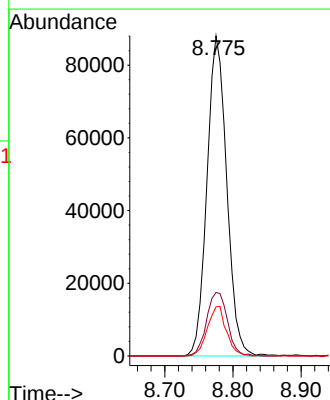
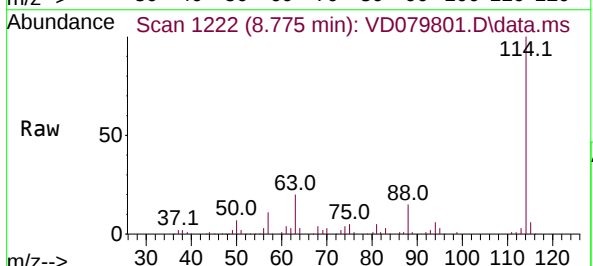
Tgt Ion: 114 Resp: 177564

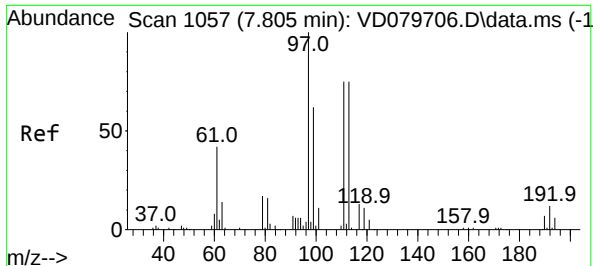
Ion Ratio Lower Upper

114 100

63 19.9 0.0 34.0

88 15.4 0.0 27.2





#35

Dibromofluoromethane

Concen: 49.682 ug/l

RT: 7.811 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD079801.D

Acq: 06 Sep 2024 16:29

Instrument :

MSVOA_D

ClientSampleId :

WC-C2-GRAB

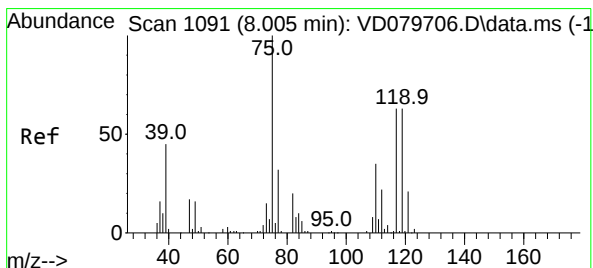
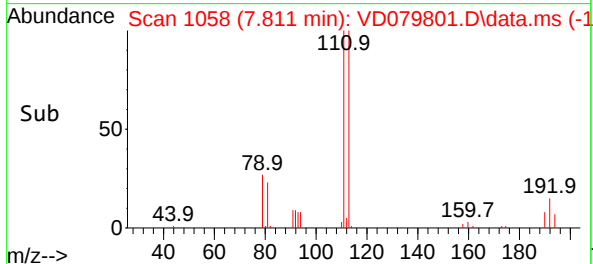
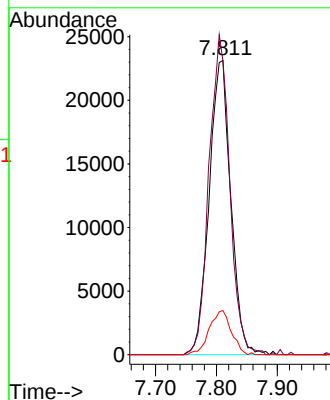
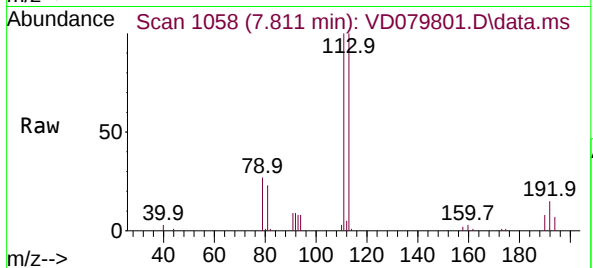
Tgt Ion:113 Resp: 57341

Ion Ratio Lower Upper

113 100

111 103.7 84.0 126.0

192 15.3 15.4 23.0#



#36

1,1-Dichloropropene

Concen: 5.016 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.129 min

Lab File: VD079801.D

Acq: 06 Sep 2024 16:29

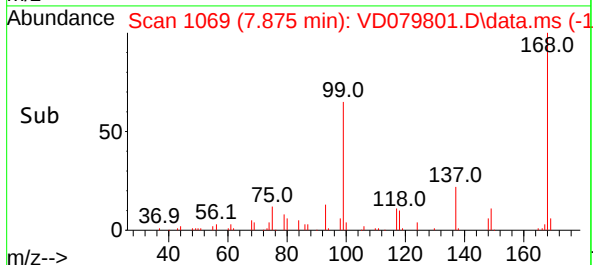
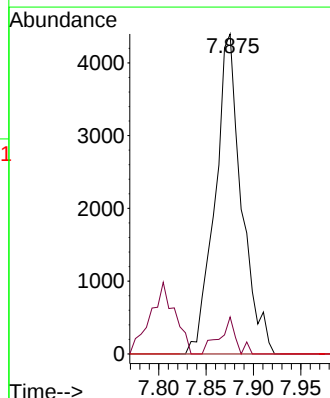
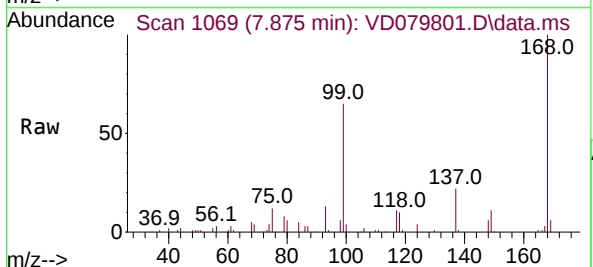
Tgt Ion: 75 Resp: 8580

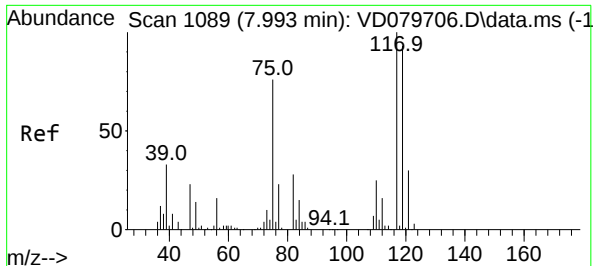
Ion Ratio Lower Upper

75 100

110 7.1 19.6 58.7#

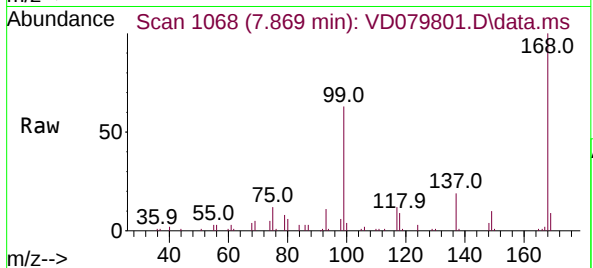
77 0.0 26.1 39.1#



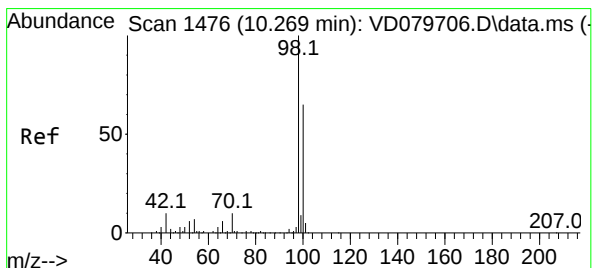
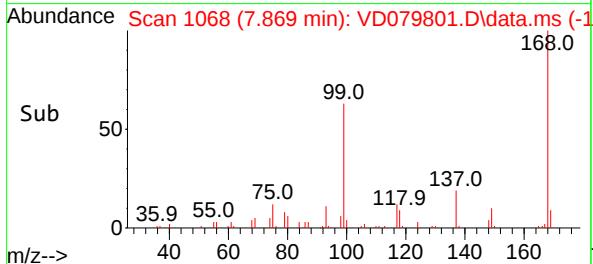
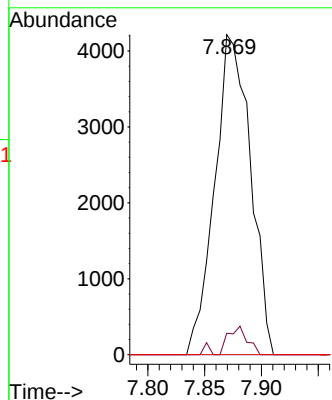


#38
Carbon Tetrachloride
Concen: 5.056 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.123 min
Lab File: VD079801.D
Acq: 06 Sep 2024 16:29

Instrument :
MSVOA_D
ClientSampleId :
WC-C2-GRAB

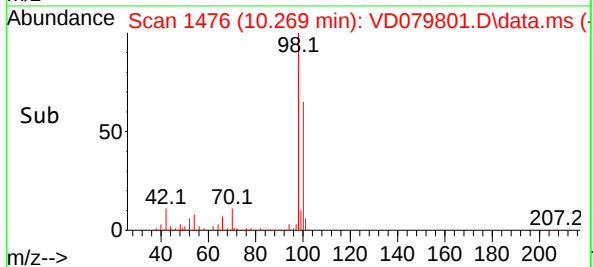
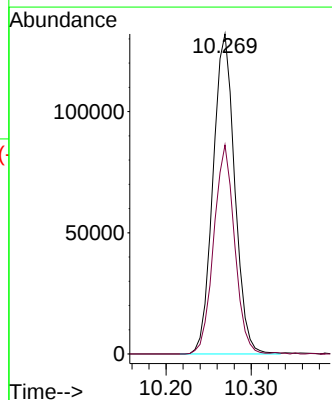
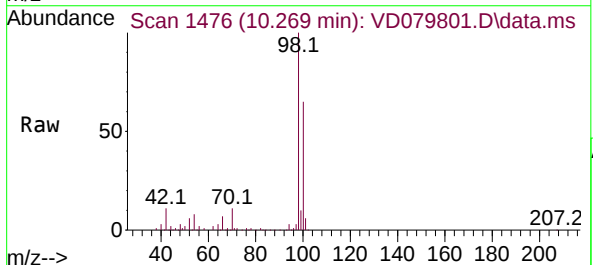


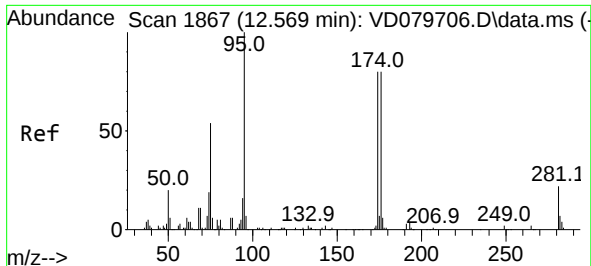
Tgt Ion:117 Resp: 9225
Ion Ratio Lower Upper
117 100
119 6.7 75.4 113.0#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 47.144 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD079801.D
Acq: 06 Sep 2024 16:29

Tgt Ion: 98 Resp: 233357
Ion Ratio Lower Upper
98 100
100 62.8 51.6 77.4

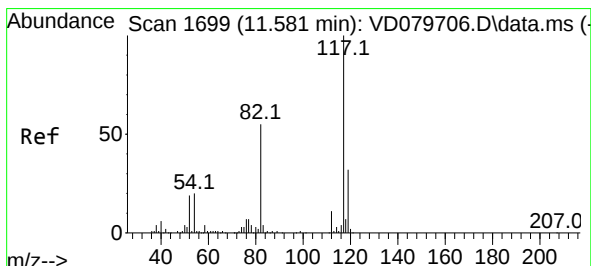
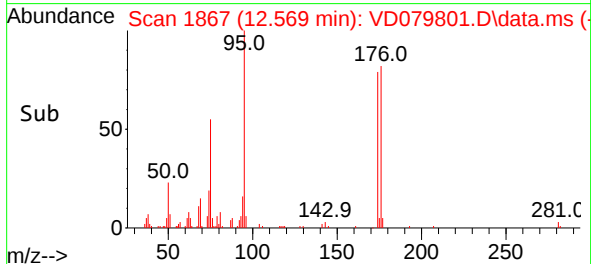
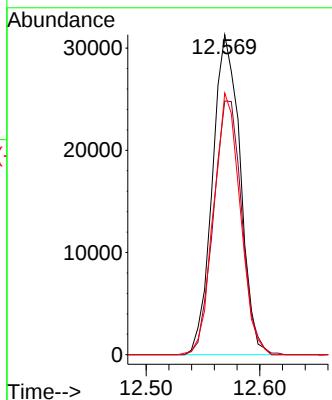
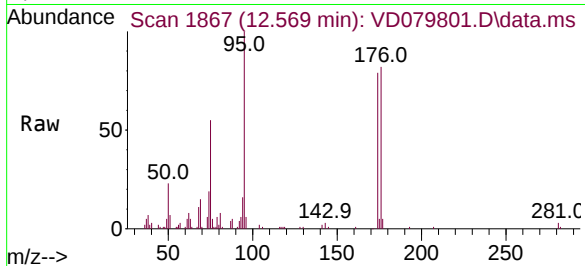




#62
4-Bromofluorobenzene
Concen: 38.222 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD079801.D
Acq: 06 Sep 2024 16:29

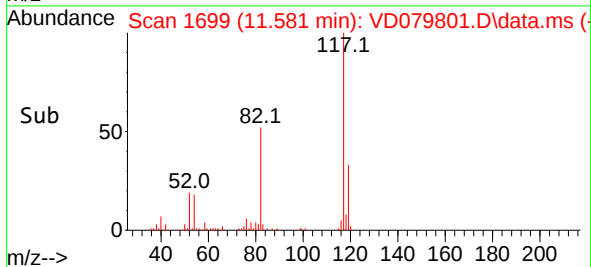
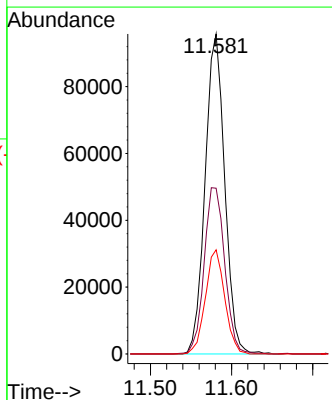
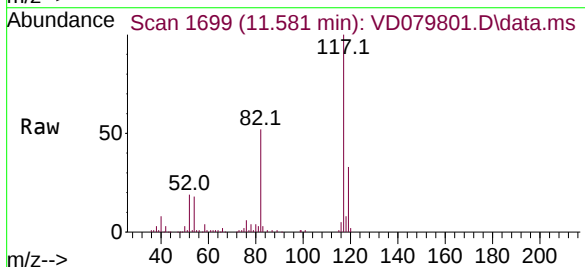
Instrument :
MSVOA_D
ClientSampleId :
WC-C2-GRAB

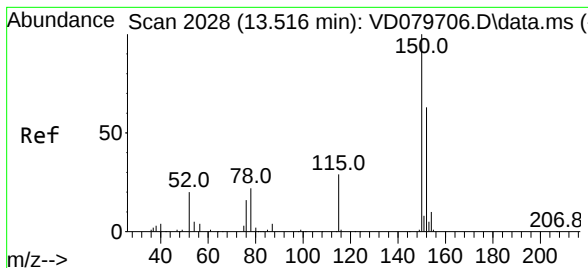
Tgt Ion: 95 Resp: 52938
Ion Ratio Lower Upper
95 100
174 81.3 0.0 195.4
176 78.7 0.0 192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD079801.D
Acq: 06 Sep 2024 16:29

Tgt Ion: 117 Resp: 160430
Ion Ratio Lower Upper
117 100
82 51.8 39.8 59.6
119 32.5 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 20

Delta R.T. 0.000 min

Lab File: VD079801.D

Acq: 06 Sep 2024 16:29

Instrument :

MSVOA_D

ClientSampleId :

WC-C2-GRAB

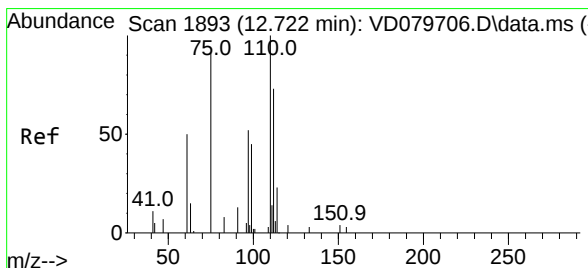
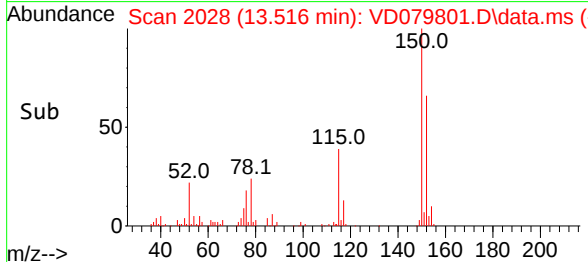
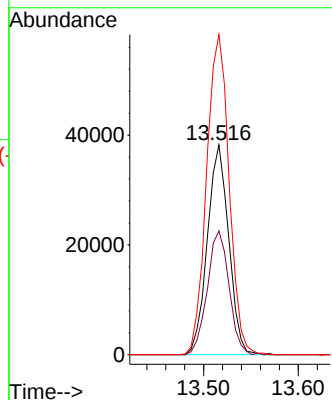
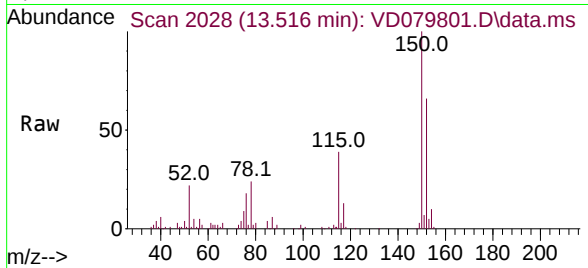
Tgt Ion:152 Resp: 59806

Ion Ratio Lower Upper

152 100

115 60.0 26.5 79.5

150 160.5 0.0 341.6



#76

1,2,3-Trichloropropane

Concen: 58.387 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.153 min

Lab File: VD079801.D

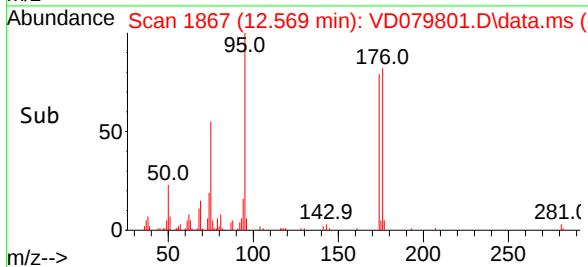
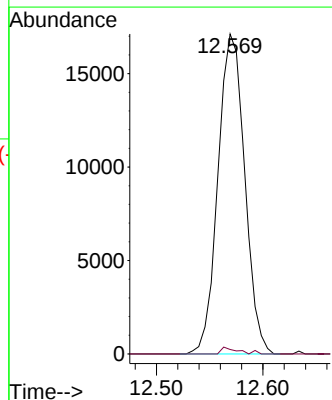
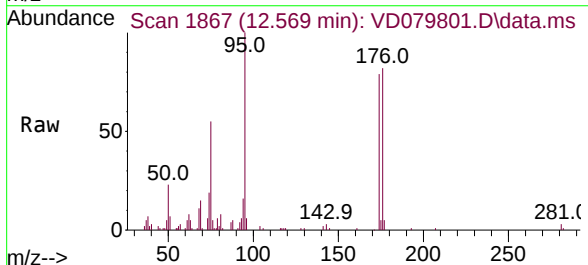
Acq: 06 Sep 2024 16:29

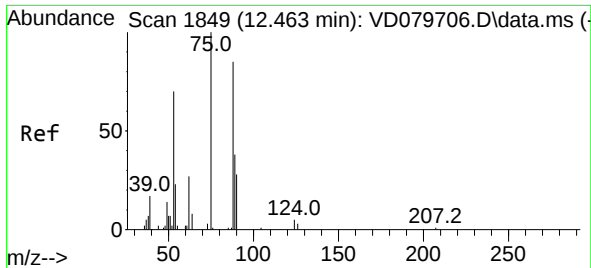
Tgt Ion: 75 Resp: 29845

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 97.383 ug/l
 RT: 12.569 min Scan# 1867
 Delta R.T. 0.106 min
 Lab File: VD079801.D
 Acq: 06 Sep 2024 16:29

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-C2-GRAB

Tgt Ion:	75	Resp:	29845
Ion	Ratio	Lower	Upper
75	100		
53	0.0	61.4	92.2#
89	0.0	35.4	53.0#

