

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072524\
 Data File : VD079405.D
 Acq On : 25 Jul 2024 14:18
 Operator : RP/MD
 Sample : VIBLK
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 26 06:01:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 26 05:56:15 2024
 Response via : Initial Calibration

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

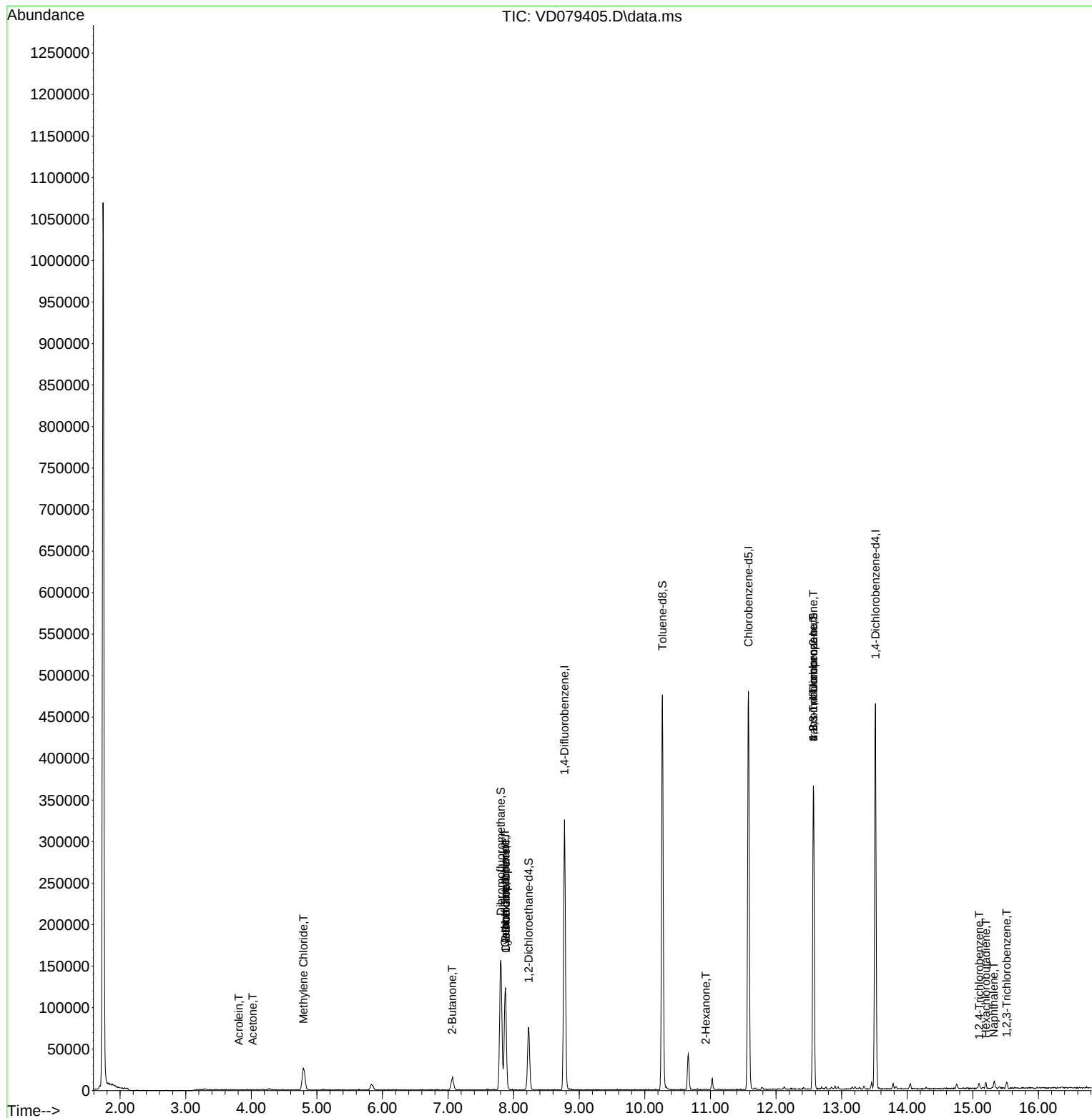
Internal Standards						
1) Pentafluorobenzene	7.875	168	99061	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	309587	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	307584	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	123336	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	58915	57.359	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.720%
35) Dibromofluoromethane	7.804	113	121711	61.463	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	122.920%
50) Toluene-d8	10.269	98	356232	48.097	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.200%
62) 4-Bromofluorobenzene	12.569	95	121682	53.845	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	107.680%
Target Compounds						Qvalue
5) Bromomethane	2.705	94	110	Below Cal	#	1
13) Acrolein	3.810	56	140	1.536	ug/l #	15
16) Acetone	4.022	43	241	1.306	ug/l #	37
20) Methylene Chloride	4.793	84	24921	8.594	ug/l #	85
25) 2-Butanone	7.063	43	575	2.055	ug/l #	42
31) Cyclohexane	7.881	56	1959	1.066	ug/l #	58
36) 1,1-Dichloropropene	7.881	75	6998	2.402	ug/l #	39
38) Carbon Tetrachloride	7.869	117	9826	3.080	ug/l #	18
59) 2-Hexanone	10.928	43	824	1.079	ug/l	65
76) 1,2,3-Trichloropropane	12.569	75	60966	40.980	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	60966	106.367	ug/l #	19
93) 1,2,4-Trichlorobenzene	15.098	180	2510	1.279	ug/l	95
94) Hexachlorobutadiene	15.198	225	1202	1.064	ug/l	83
95) Naphthalene	15.322	128	7494	1.999	ug/l	97
96) 1,2,3-Trichlorobenzene	15.516	180	3025	1.730	ug/l	89

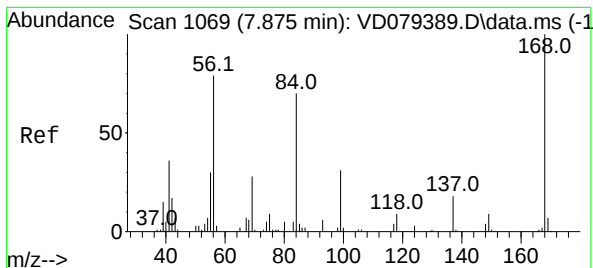
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072524\
Data File : VD079405.D
Acq On : 25 Jul 2024 14:18
Operator : RP/MD
Sample : VIBLK
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

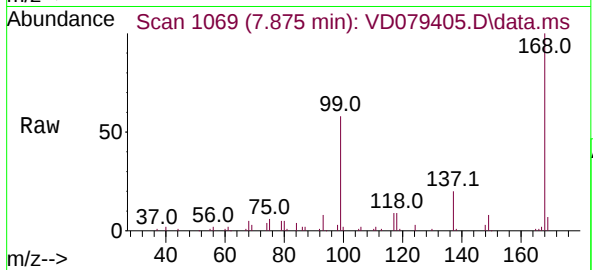
Quant Time: Jul 26 06:01:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072524S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 26 05:56:15 2024
Response via : Initial Calibration



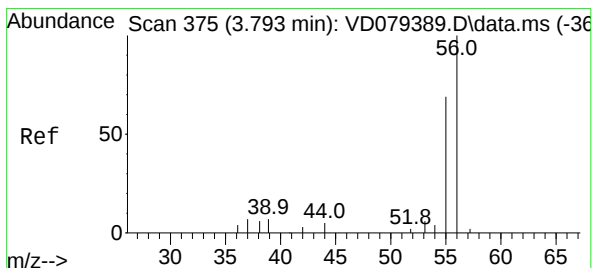
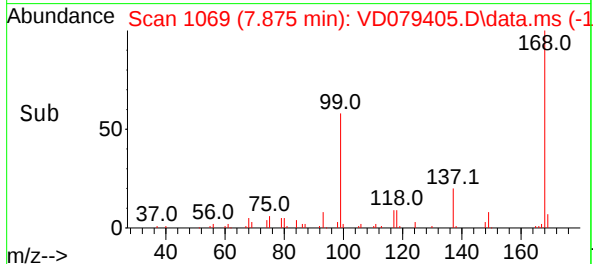
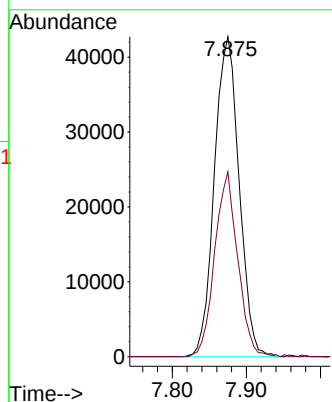


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD079405.D
Acq: 25 Jul 2024 14:18

Instrument :
MSVOA_D
ClientSampleId :

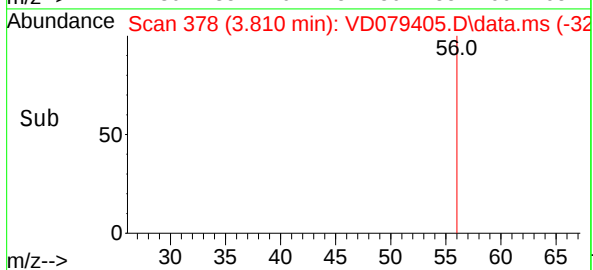
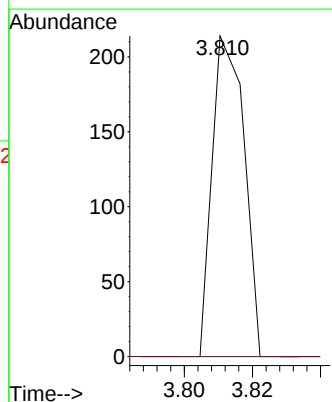
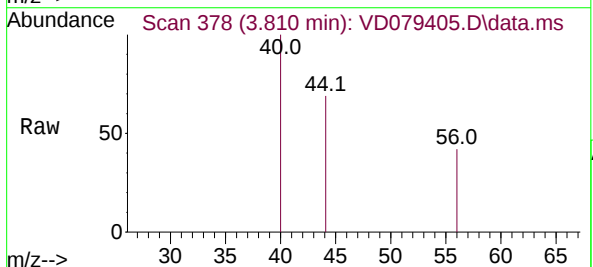


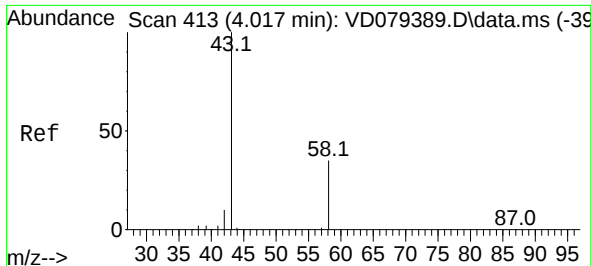
Tgt Ion:168 Resp: 99061
Ion Ratio Lower Upper
168 100
99 57.8 41.1 61.7



#13
Acrolein
Concen: 1.536 ug/l
RT: 3.810 min Scan# 378
Delta R.T. 0.017 min
Lab File: VD079405.D
Acq: 25 Jul 2024 14:18

Tgt Ion: 56 Resp: 140
Ion Ratio Lower Upper
56 100
55 0.0 55.3 82.9#

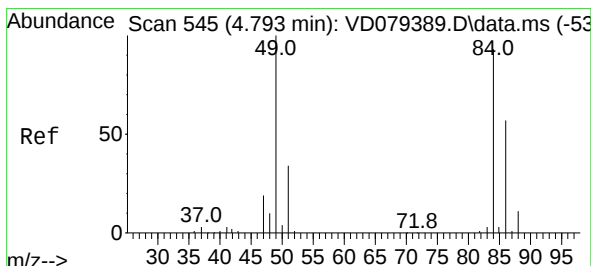
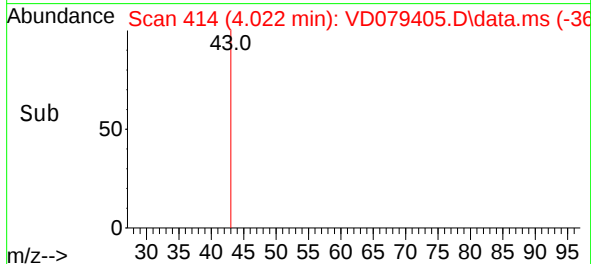
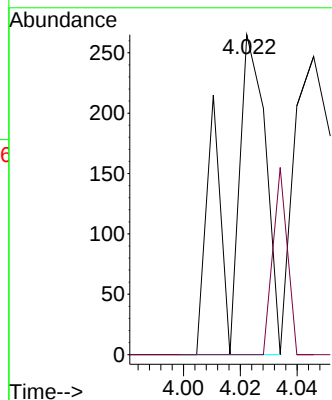
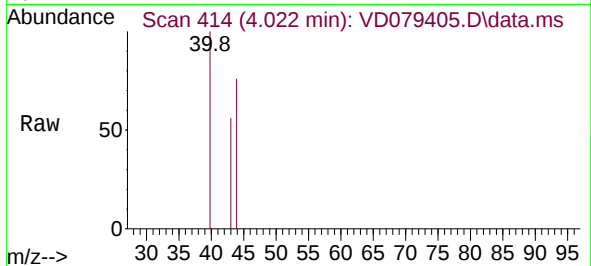




#16
Acetone
Concen: 1.306 ug/l
RT: 4.022 min Scan# 413
Delta R.T. -0.001 min
Lab File: VD079405.D
Acq: 25 Jul 2024 14:18

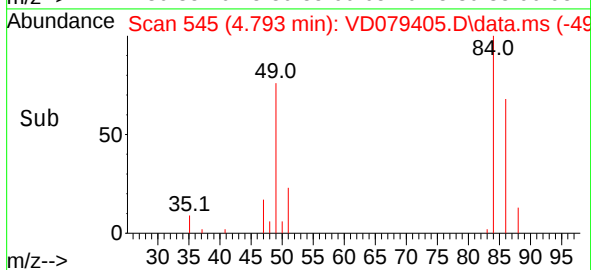
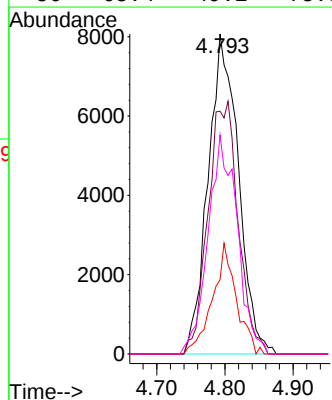
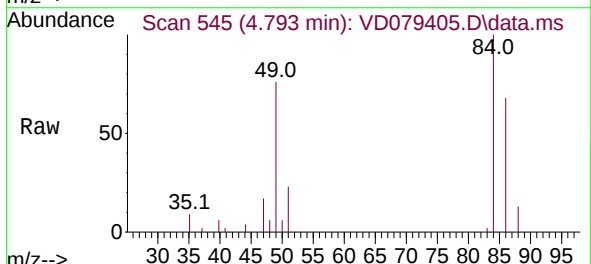
Instrument :
MSVOA_D
ClientSampleId :

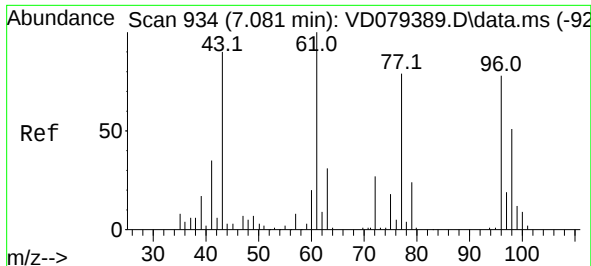
Tgt Ion: 43 Resp: 241
Ion Ratio Lower Upper
43 100
58 0.0 30.4 45.6#



#20
Methylene Chloride
Concen: 8.594 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD079405.D
Acq: 25 Jul 2024 14:18

Tgt Ion: 84 Resp: 24921
Ion Ratio Lower Upper
84 100
49 75.9 75.6 113.4
51 23.2 24.2 36.2#
86 68.4 49.2 73.8

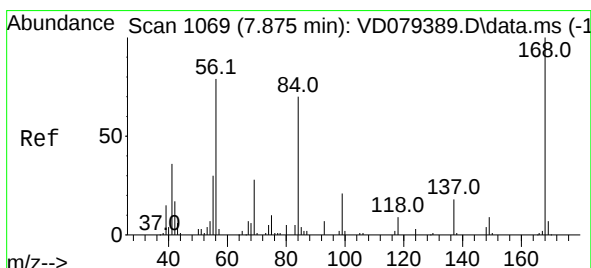
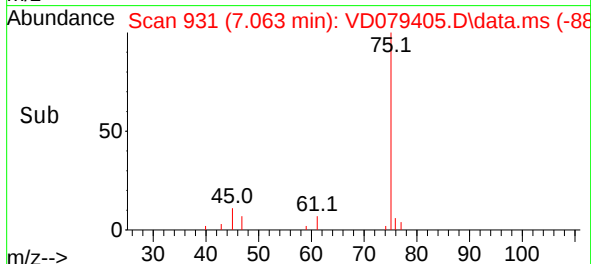
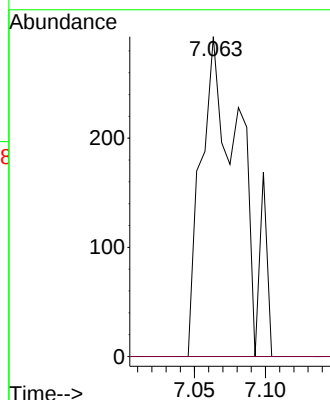
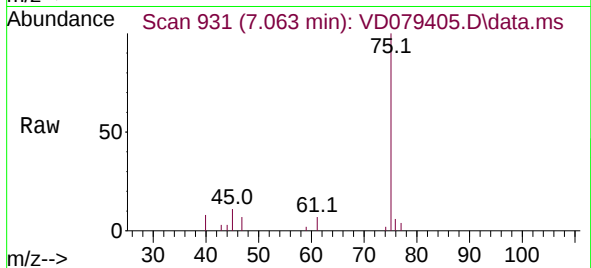




#25
2-Butanone
Concen: 2.055 ug/l
RT: 7.063 min Scan# 91
Delta R.T. -0.018 min
Lab File: VD079405.D
Acq: 25 Jul 2024 14:18

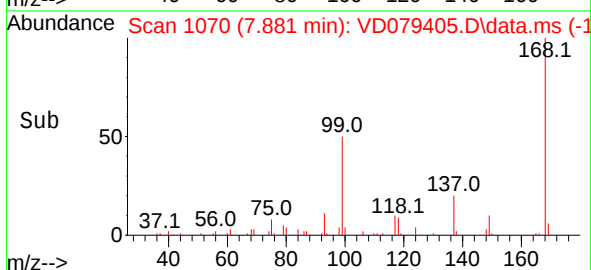
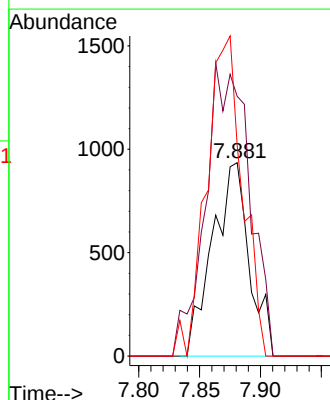
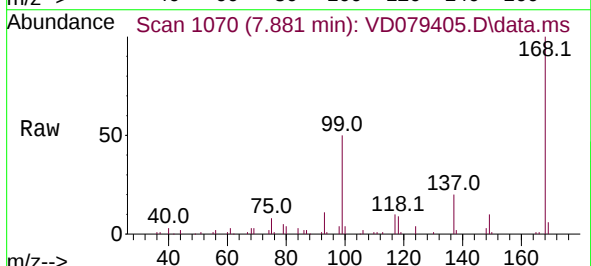
Instrument :
MSVOA_D
ClientSampleId :

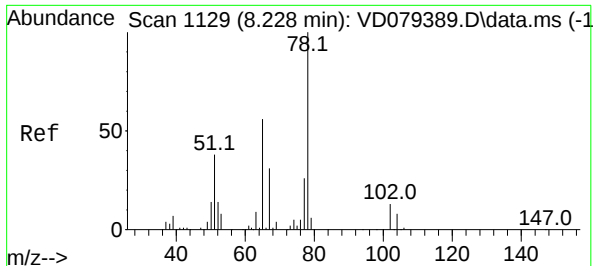
Tgt Ion: 43 Resp: 575
Ion Ratio Lower Upper
43 100
72 0.0 26.4 39.6#



#31
Cyclohexane
Concen: 1.066 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD079405.D
Acq: 25 Jul 2024 14:18

Tgt Ion: 56 Resp: 1959
Ion Ratio Lower Upper
56 100
69 134.3 28.0 42.0#
84 109.2 87.4 131.0

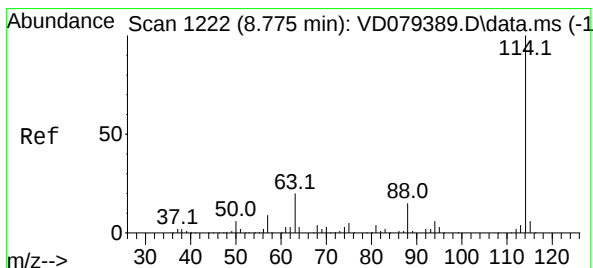
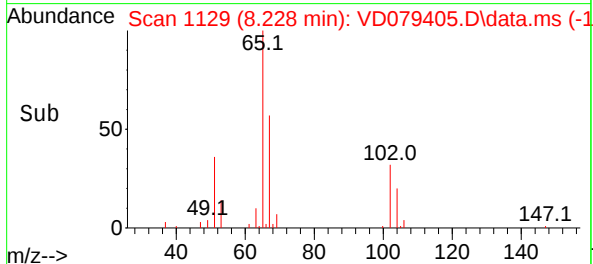
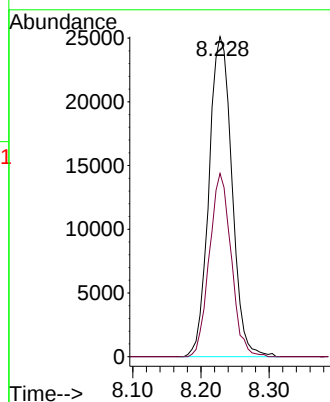
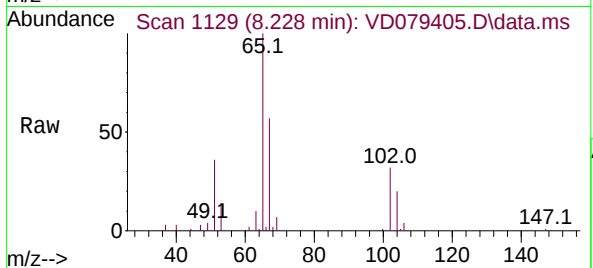




#33
1,2-Dichloroethane-d4
Concen: 57.359 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD079405.D
Acq: 25 Jul 2024 14:18

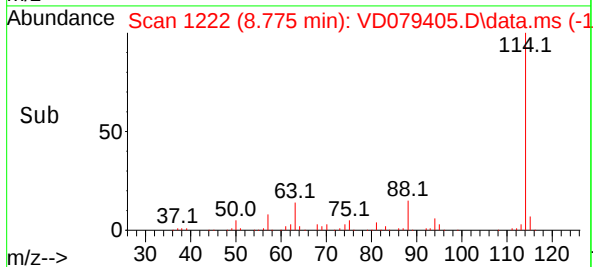
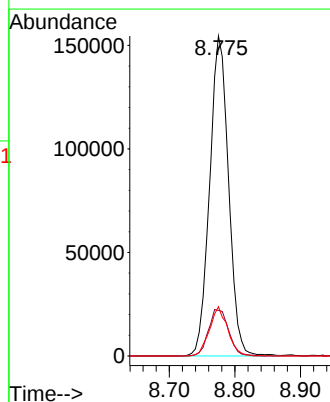
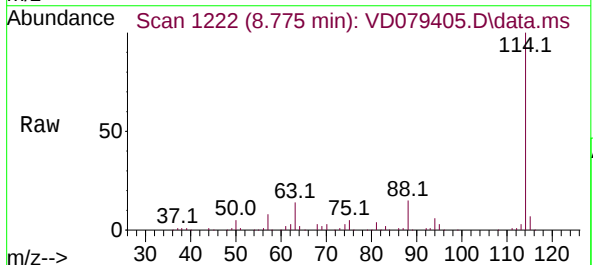
Instrument :
MSVOA_D
ClientSampleId :

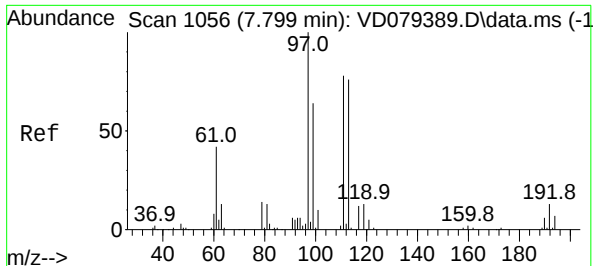
Tgt Ion: 65 Resp: 58915
Ion Ratio Lower Upper
65 100
67 54.3 0.0 111.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD079405.D
Acq: 25 Jul 2024 14:18

Tgt Ion:114 Resp: 309587
Ion Ratio Lower Upper
114 100
63 14.2 0.0 34.0
88 15.4 0.0 27.2





#35

Dibromofluoromethane

Concen: 61.463 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

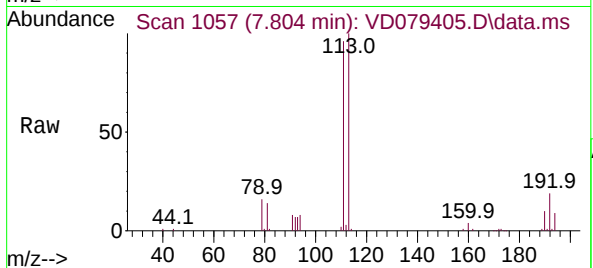
Lab File: VD079405.D

Acq: 25 Jul 2024 14:18

Instrument :

MSVOA_D

ClientSampleId :



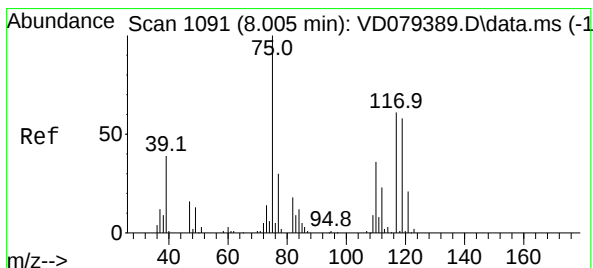
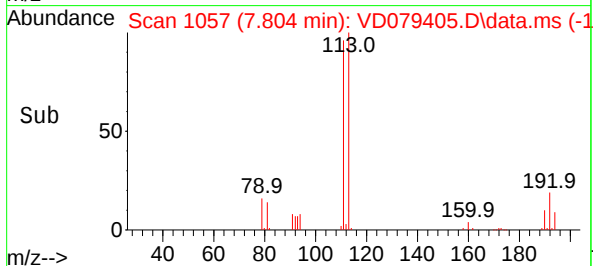
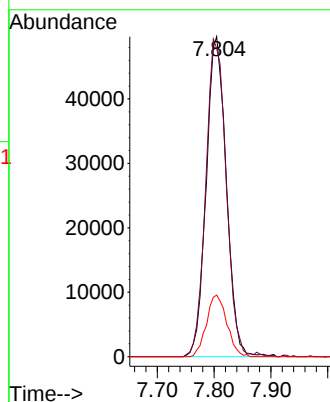
Tgt Ion:113 Resp: 121711

Ion Ratio Lower Upper

113 100

111 100.7 84.0 126.0

192 19.5 15.4 23.0



#36

1,1-Dichloropropene

Concen: 2.402 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.124 min

Lab File: VD079405.D

Acq: 25 Jul 2024 14:18

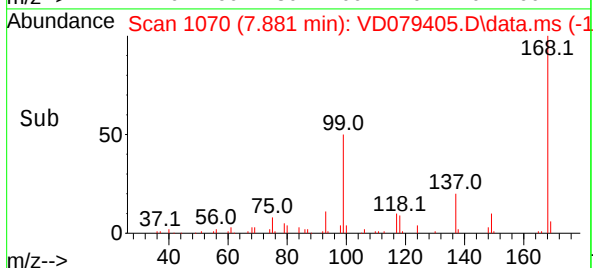
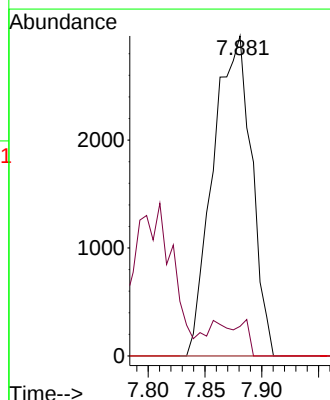
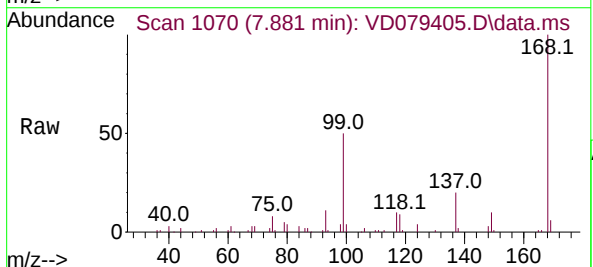
Tgt Ion: 75 Resp: 6998

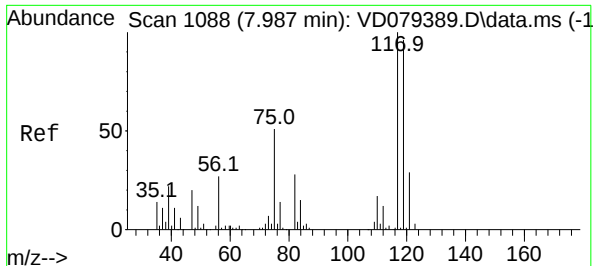
Ion Ratio Lower Upper

75 100

110 0.0 19.6 58.7#

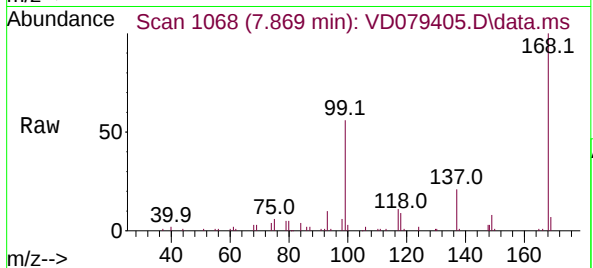
77 0.0 26.1 39.1#



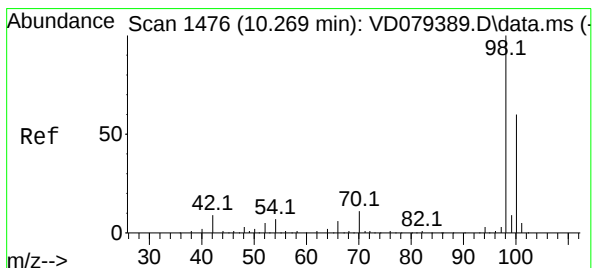
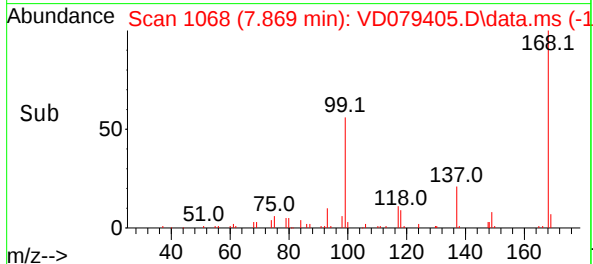
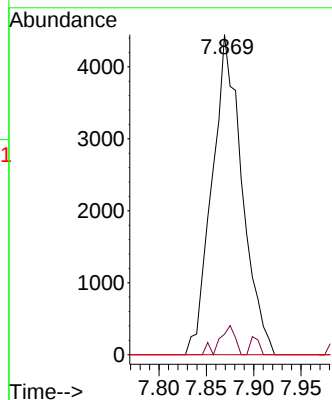


#38
Carbon Tetrachloride
Concen: 3.080 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.124 min
Lab File: VD079405.D
Acq: 25 Jul 2024 14:18

Instrument :
MSVOA_D
ClientSampleId :

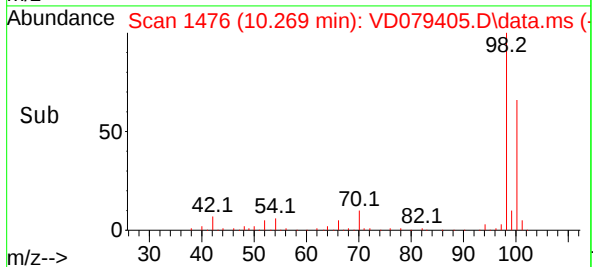
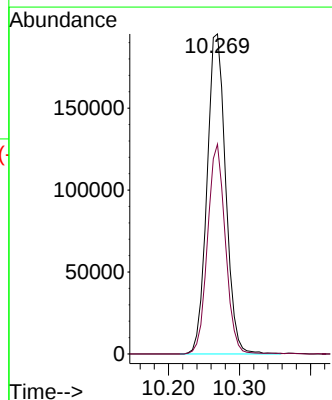
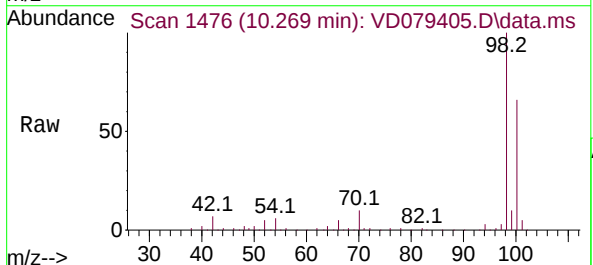


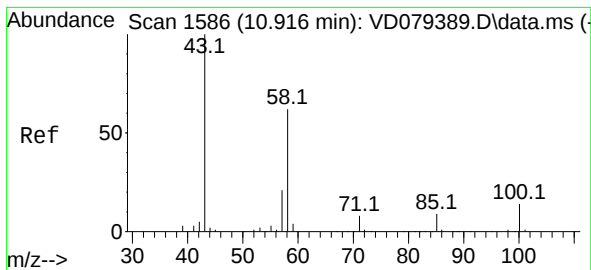
Tgt Ion:117 Resp: 9826
Ion Ratio Lower Upper
117 100
119 6.4 75.4 113.0#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 48.097 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD079405.D
Acq: 25 Jul 2024 14:18

Tgt Ion: 98 Resp: 356232
Ion Ratio Lower Upper
98 100
100 62.5 51.6 77.4

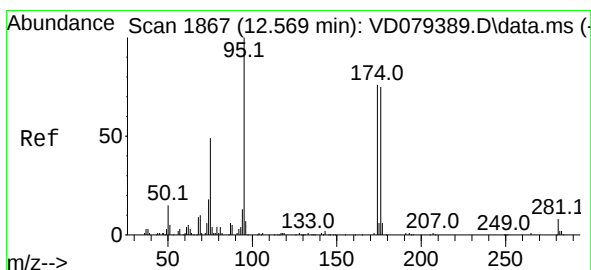
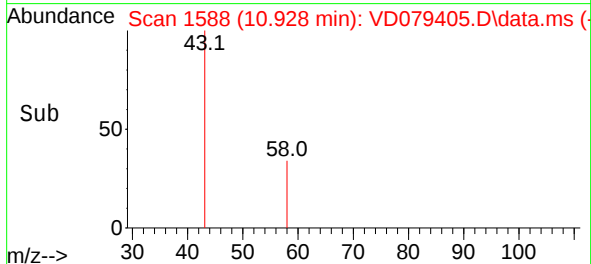
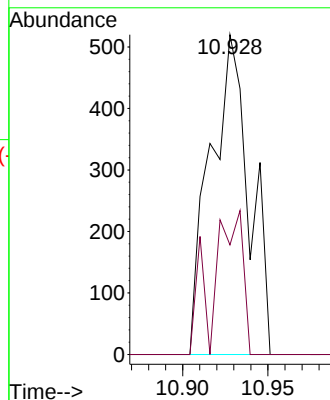
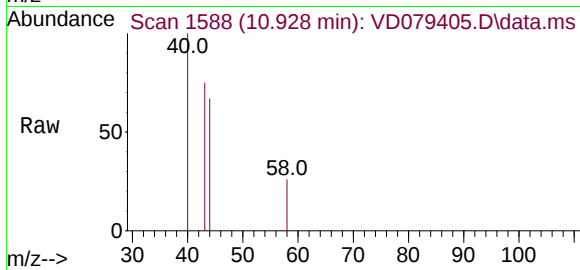




#59
2-Hexanone
Concen: 1.079 ug/l
RT: 10.928 min Scan# 1586
Delta R.T. 0.011 min
Lab File: VD079405.D
Acq: 25 Jul 2024 14:18

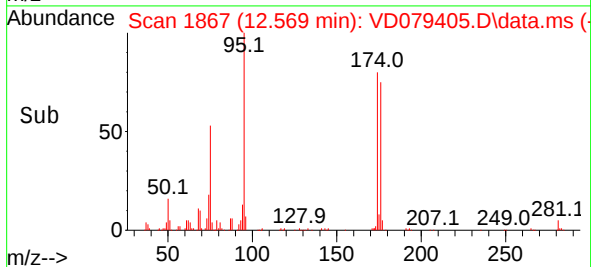
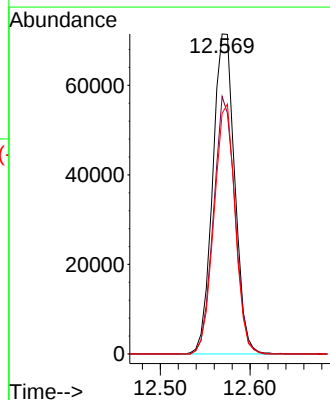
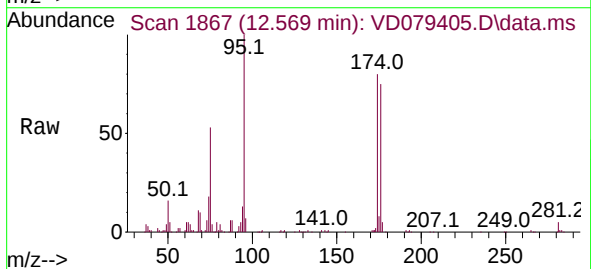
Instrument :
MSVOA_D
ClientSampleId :

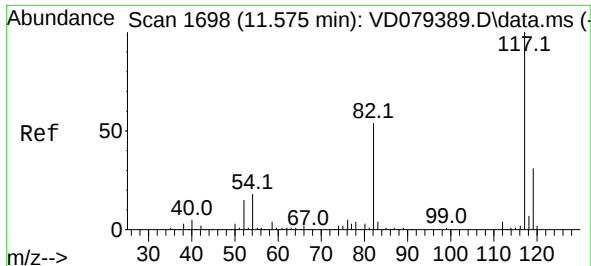
Tgt Ion: 43 Resp: 824
Ion Ratio Lower Upper
43 100
58 35.2 31.1 93.5



#62
4-Bromofluorobenzene
Concen: 53.845 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079405.D
Acq: 25 Jul 2024 14:18

Tgt Ion: 95 Resp: 121682
Ion Ratio Lower Upper
95 100
174 78.3 0.0 195.4
176 75.3 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: VD079405.D

Acq: 25 Jul 2024 14:18

Instrument :

MSVOA_D

ClientSampleId :

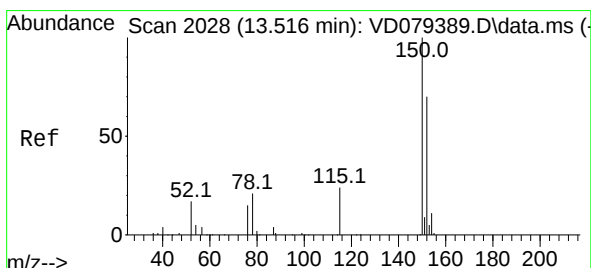
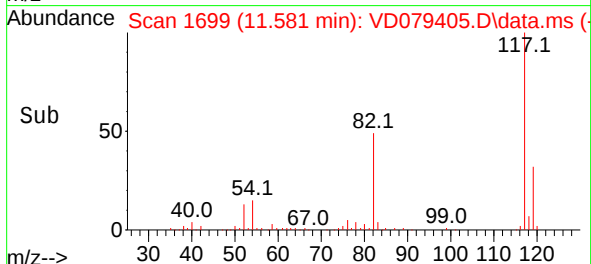
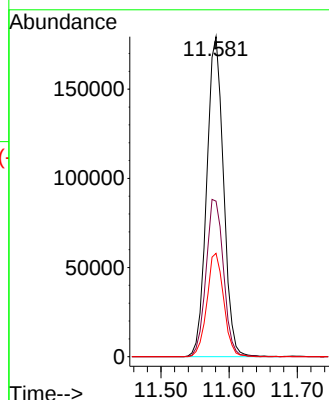
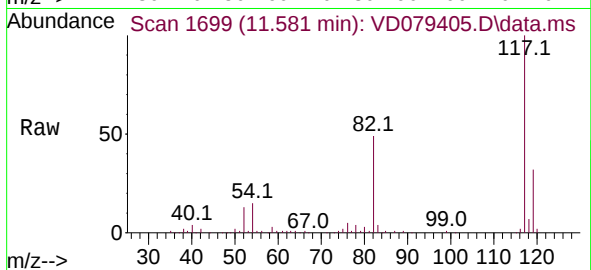
Tgt Ion:117 Resp: 307584

Ion Ratio Lower Upper

117 100

82 48.6 39.8 59.6

119 32.3 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: VD079405.D

Acq: 25 Jul 2024 14:18

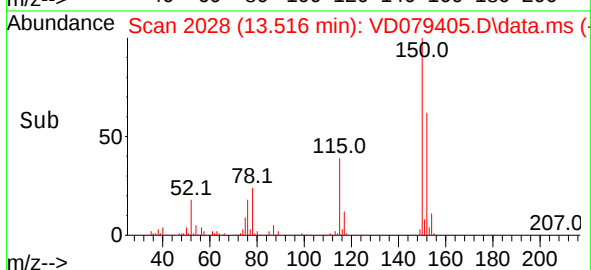
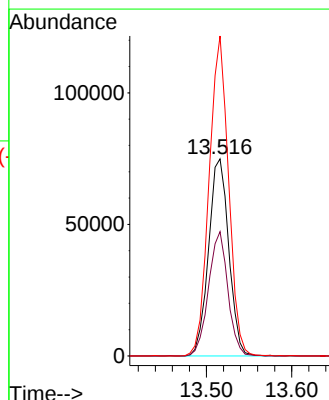
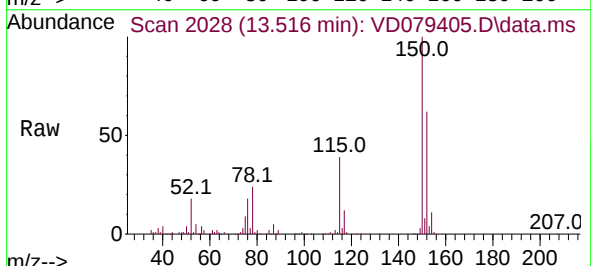
Tgt Ion:152 Resp: 123336

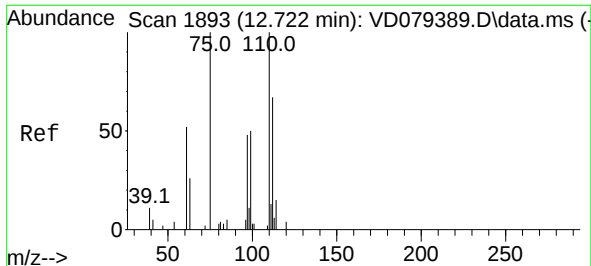
Ion Ratio Lower Upper

152 100

115 60.4 26.5 79.5

150 156.0 0.0 341.6

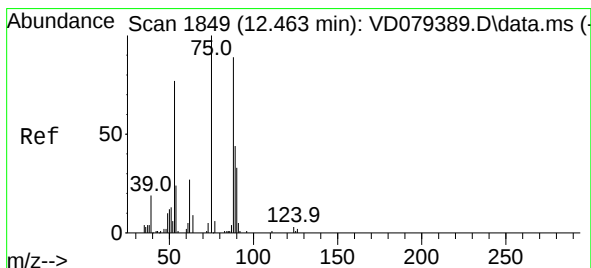
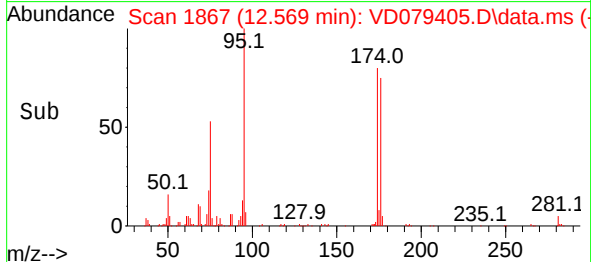
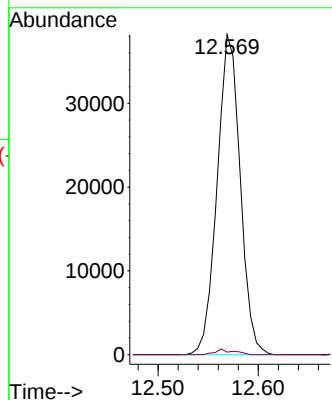
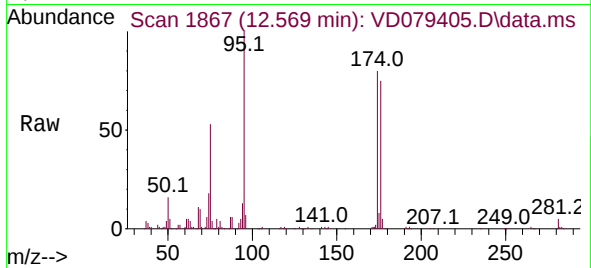




#76
1,2,3-Trichloropropane
Concen: 40.980 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD079405.D
Acq: 25 Jul 2024 14:18

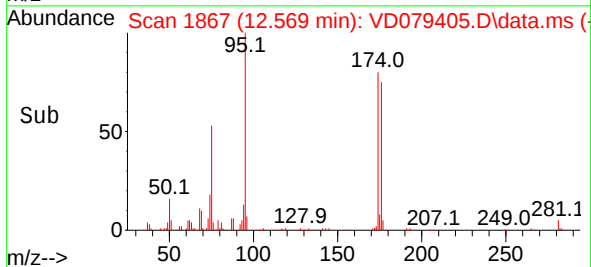
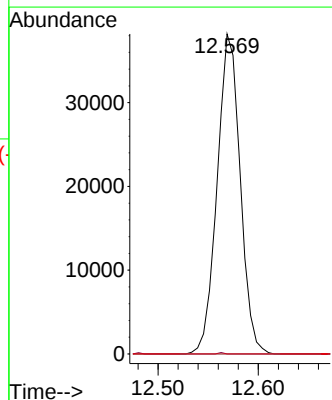
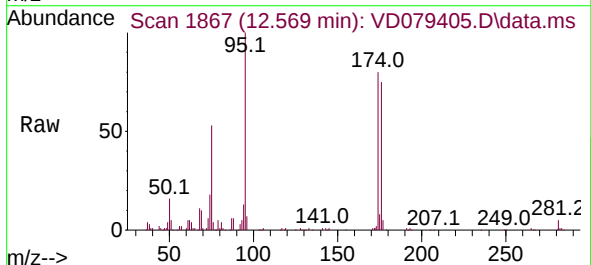
Instrument :
MSVOA_D
ClientSampleId :

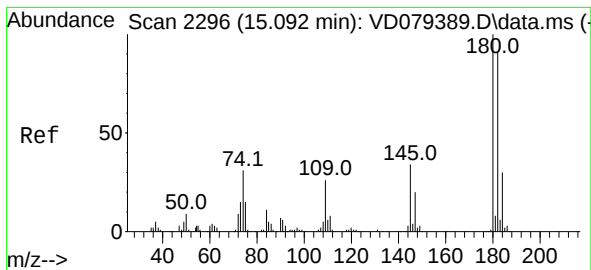
Tgt Ion: 75 Resp: 60966
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 106.367 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.106 min
Lab File: VD079405.D
Acq: 25 Jul 2024 14:18

Tgt Ion: 75 Resp: 60966
Ion Ratio Lower Upper
75 100
53 0.1 61.4 92.2#
89 0.0 35.4 53.0#





#93

1,2,4-Trichlorobenzene

Concen: 1.279 ug/l

RT: 15.098 min Scan# 2296

Delta R.T. 0.006 min

Lab File: VD079405.D

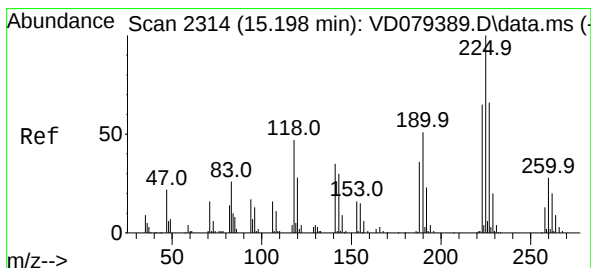
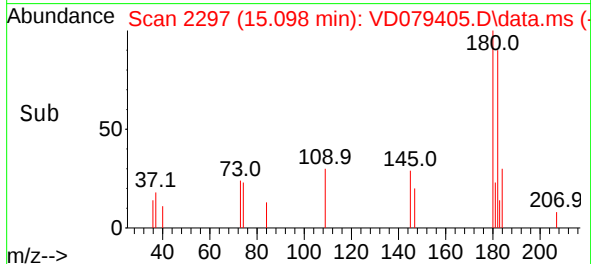
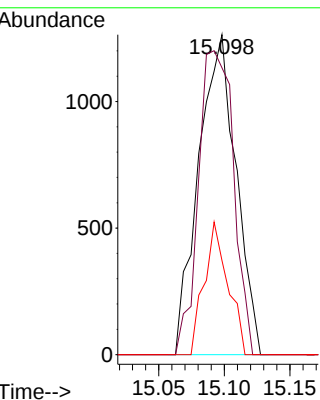
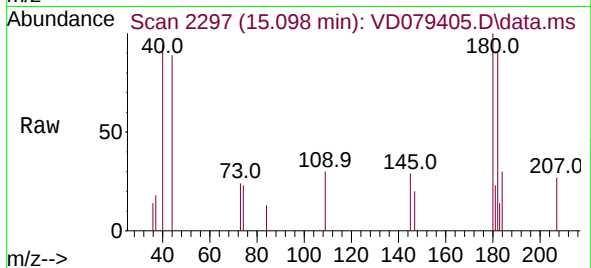
Acq: 25 Jul 2024 14:18

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:180	Resp:	2510
Ion Ratio	Lower	Upper
180	100	
182	89.0	46.9 140.7
145	26.2	14.0 41.9



#94

Hexachlorobutadiene

Concen: 1.064 ug/l

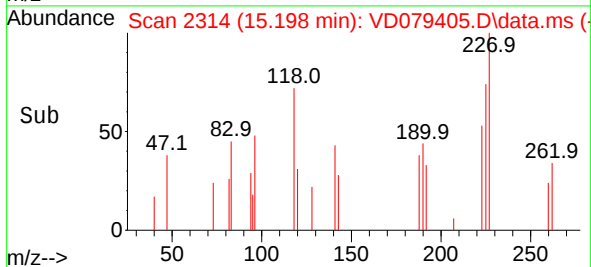
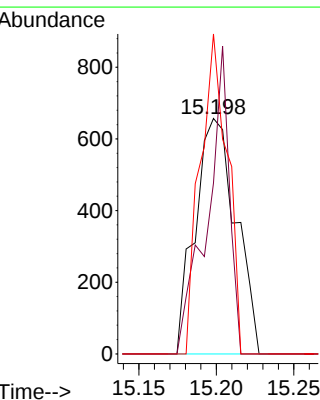
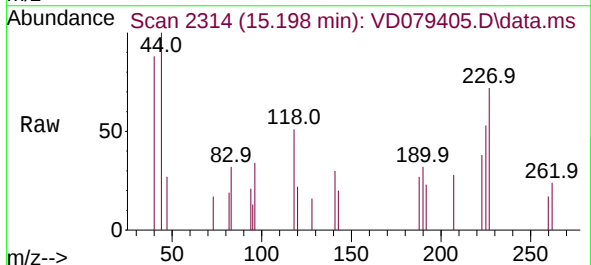
RT: 15.198 min Scan# 2314

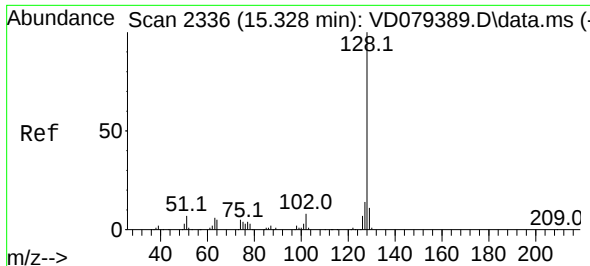
Delta R.T. -0.000 min

Lab File: VD079405.D

Acq: 25 Jul 2024 14:18

Tgt Ion:225	Resp:	1202
Ion Ratio	Lower	Upper
225	100	
223	70.9	33.3 99.9
227	90.1	33.6 100.6





#95

Naphthalene

Concen: 1.999 ug/l

RT: 15.322 min Scan# 2335

Delta R.T. -0.006 min

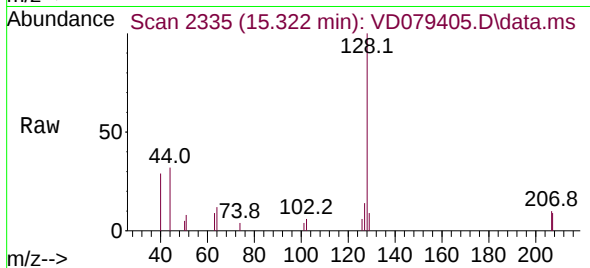
Lab File: VD079405.D

Acq: 25 Jul 2024 14:18

Instrument :

MSVOA_D

ClientSampleId :



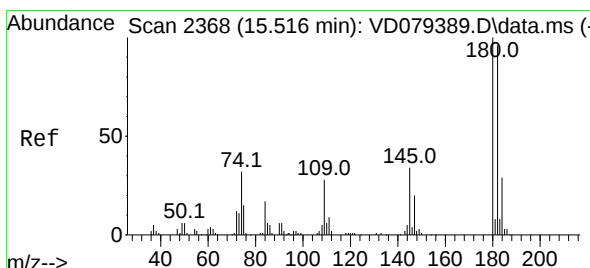
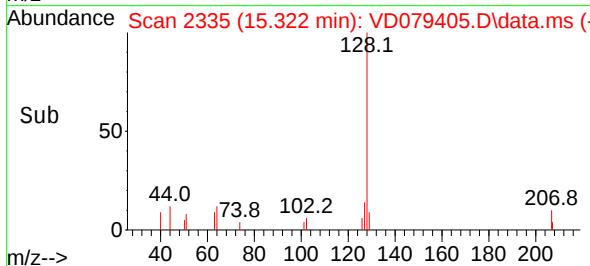
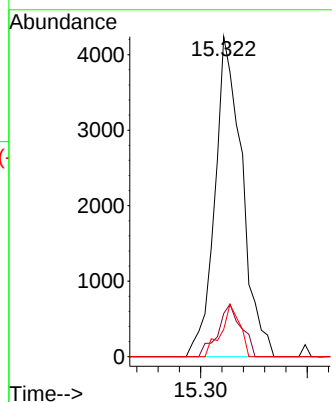
Tgt Ion:128 Resp: 7494

Ion Ratio Lower Upper

128 100

127 13.5 10.2 15.4

129 8.5 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 1.730 ug/l

RT: 15.516 min Scan# 2368

Delta R.T. -0.000 min

Lab File: VD079405.D

Acq: 25 Jul 2024 14:18

Tgt Ion:180 Resp: 3025

Ion Ratio Lower Upper

180 100

182 87.9 47.8 143.3

145 20.8 16.1 48.2

