

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070124\
 Data File : VD079304.D
 Acq On : 01 Jul 2024 18:58
 Operator : RP/MD
 Sample : P3141-02
 Misc : 7.38G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 02 06:01:19 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)

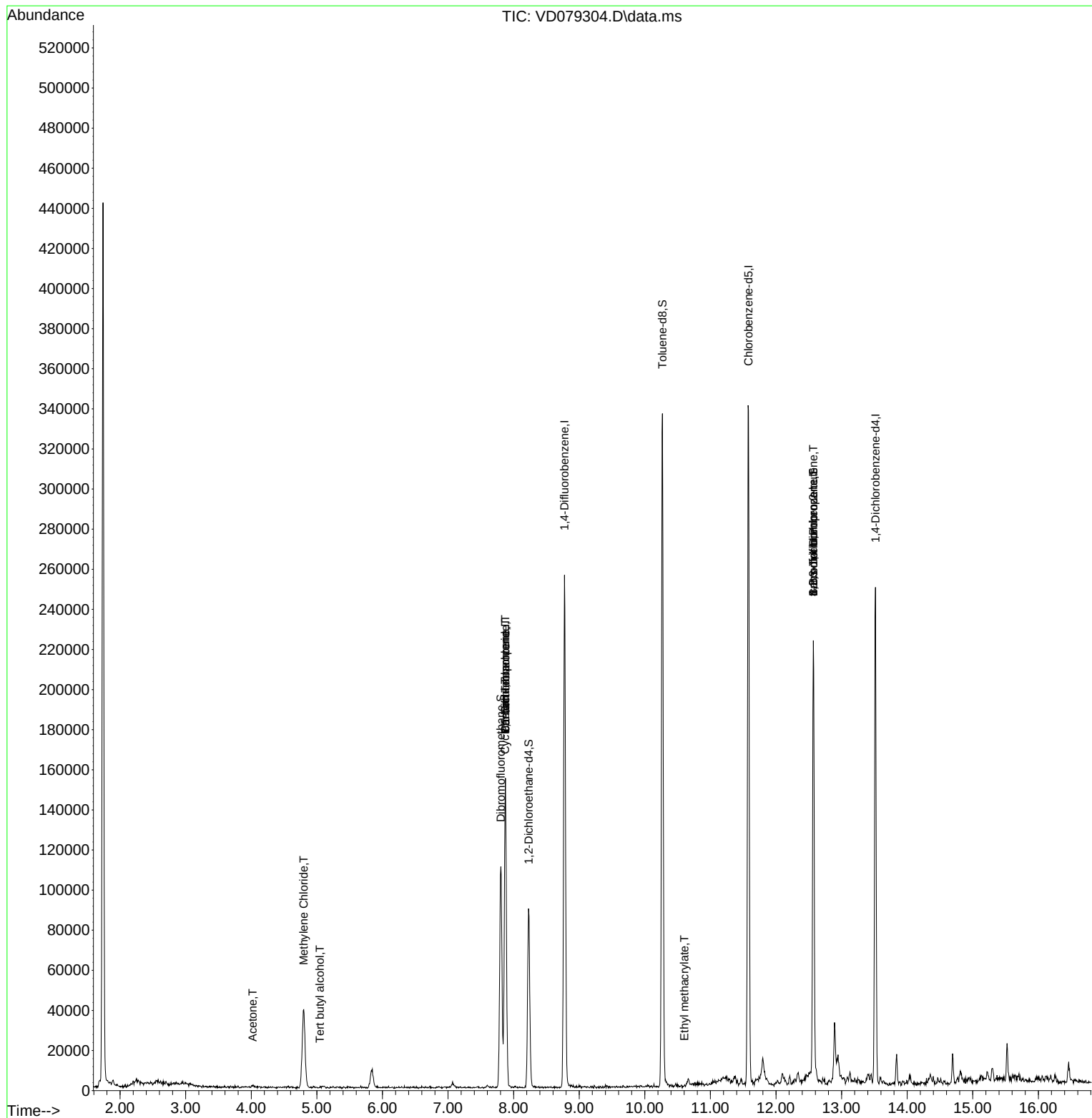
Internal Standards						
1) Pentafluorobenzene	7.875	168	105950	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	218417	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	200113	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	61118	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	70665	69.826	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 139.660%	
35) Dibromofluoromethane	7.805	113	85045	59.319	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 118.640%	
50) Toluene-d8	10.269	98	245283	47.557	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.120%	
62) 4-Bromofluorobenzene	12.569	95	74582	45.095	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 90.180%	
Target Compounds						Qvalue
5) Bromomethane	2.699	94	334	Below Cal	90	
11) Tert butyl alcohol	5.046	59	97	1.368	ug/l #	86
16) Acetone	4.022	43	627	2.493	ug/l #	73
20) Methylene Chloride	4.799	84	31978	14.544	ug/l	90
31) Cyclohexane	7.869	56	2961	1.315	ug/l #	27
36) 1,1-Dichloropropene	7.875	75	10493	4.711	ug/l #	45
38) Carbon Tetrachloride	7.875	117	11107	4.910	ug/l #	15
56) Ethyl methacrylate	10.604	69	222	3.844	ug/l #	84
71) Bromoform	12.569	173	922	1.122	ug/l #	1
76) 1,2,3-Trichloropropane	12.569	75	37386	61.124	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	37386	113.423	ug/l #	19

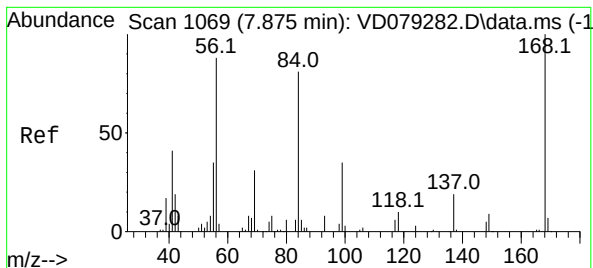
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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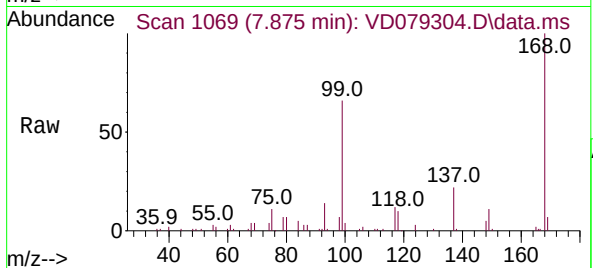
Quant Time: Jul 02 06:01:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062824S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 29 06:28:31 2024
Response via : Initial Calibration



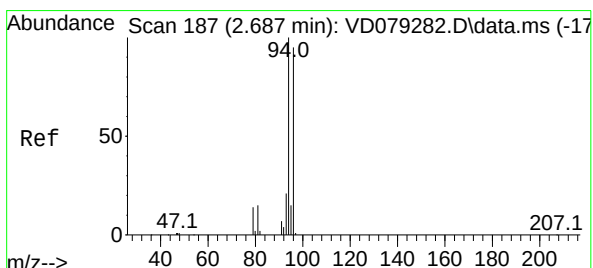
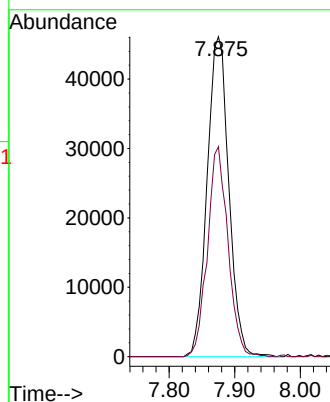
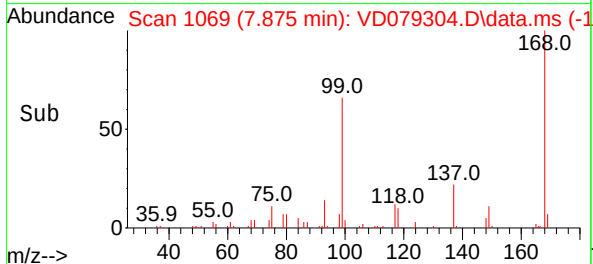


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079304.D
Acq: 01 Jul 2024 18:58

Instrument :
MSVOA_D
ClientSampleId :

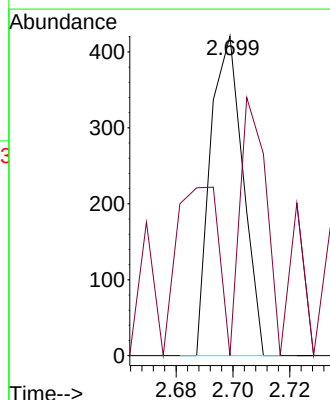
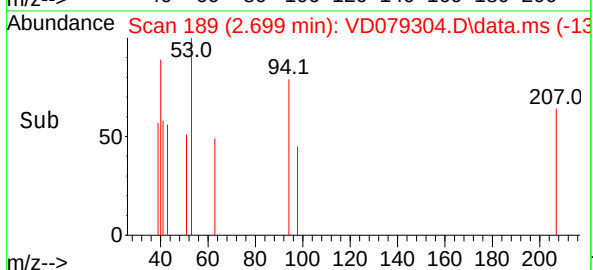
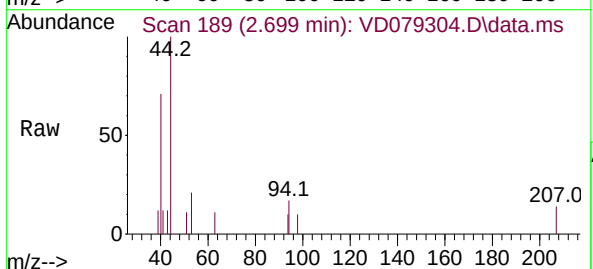


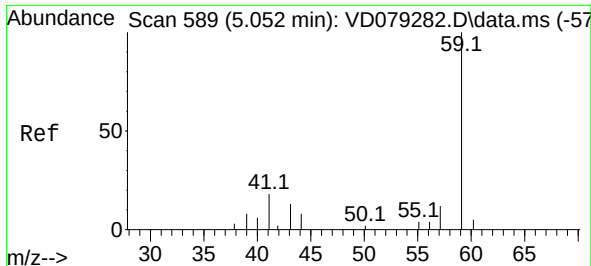
Tgt Ion:168 Resp: 105950
Ion Ratio Lower Upper
168 100
99 65.6 41.1 61.7#



#5
Bromomethane
Concen: Below Cal
RT: 2.699 min Scan# 189
Delta R.T. 0.041 min
Lab File: VD079304.D
Acq: 01 Jul 2024 18:58

Tgt Ion: 94 Resp: 334
Ion Ratio Lower Upper
94 100
96 86.5 76.9 115.3

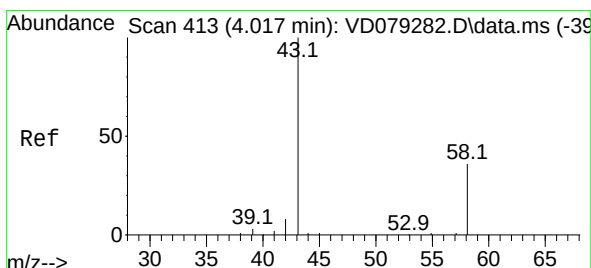
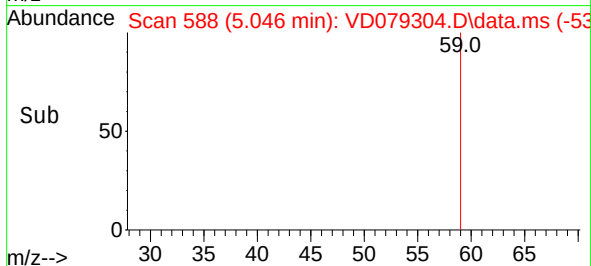
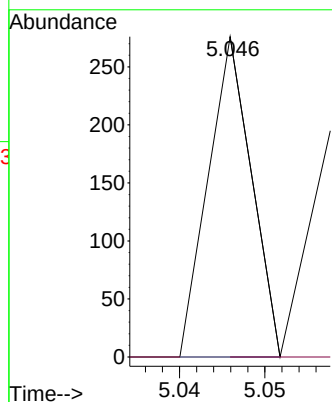
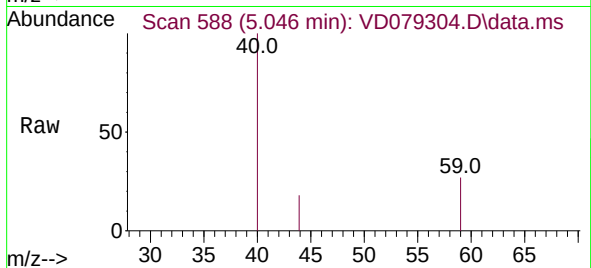




#11
Tert butyl alcohol
Concen: 1.368 ug/l
RT: 5.046 min Scan# 51
Delta R.T. -0.012 min
Lab File: VD079304.D
Acq: 01 Jul 2024 18:58

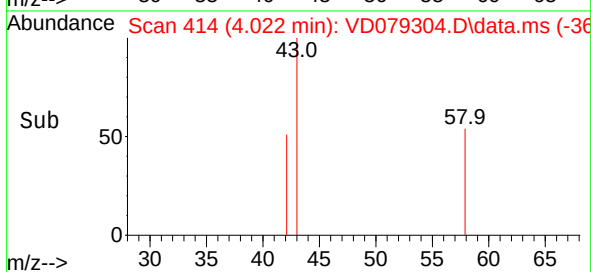
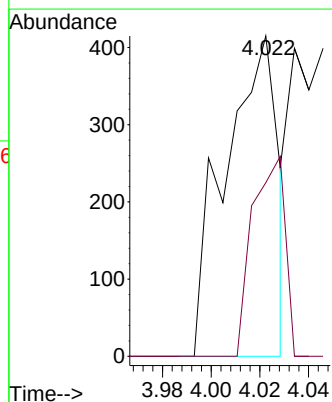
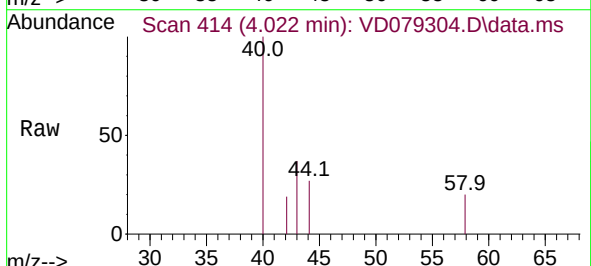
Instrument :
MSVOA_D
ClientSampleId :

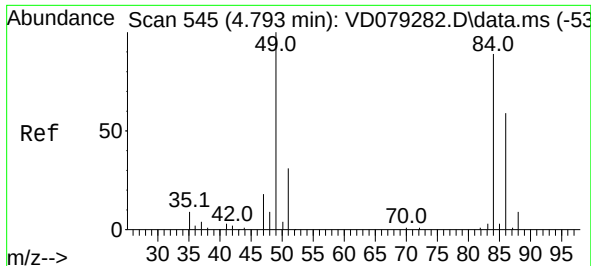
Tgt Ion: 59 Resp: 97
Ion Ratio Lower Upper
59 100
57 0.0 3.6 5.4#



#16
Acetone
Concen: 2.493 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD079304.D
Acq: 01 Jul 2024 18:58

Tgt Ion: 43 Resp: 627
Ion Ratio Lower Upper
43 100
58 54.2 30.4 45.6#





#20

Methylene Chloride

Concen: 14.544 ug/l

RT: 4.799 min Scan# 545

Delta R.T. 0.006 min

Lab File: VD079304.D

Acq: 01 Jul 2024 18:58

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 84 Resp: 31978

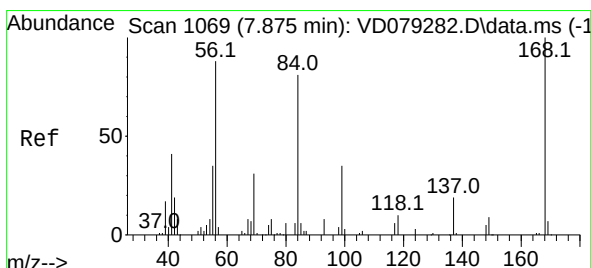
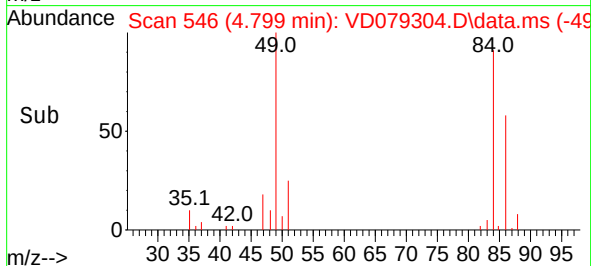
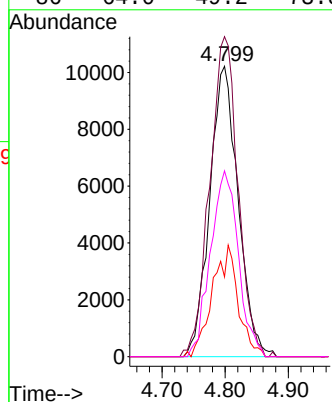
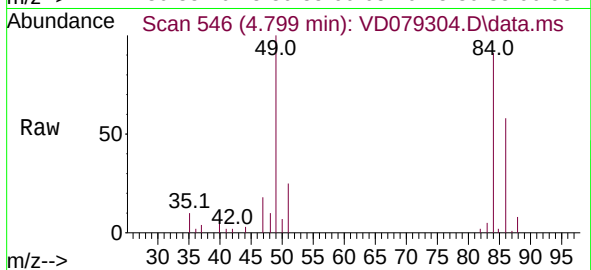
Ion Ratio Lower Upper

84 100

49 110.2 75.6 113.4

51 27.5 24.2 36.2

86 64.0 49.2 73.8



#31

Cyclohexane

Concen: 1.315 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.006 min

Lab File: VD079304.D

Acq: 01 Jul 2024 18:58

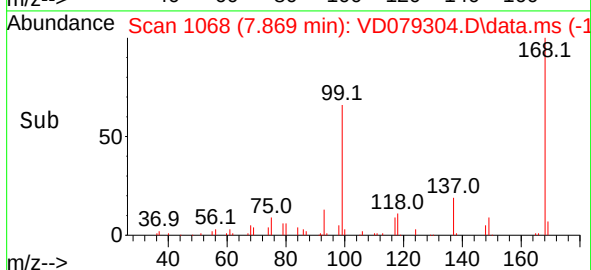
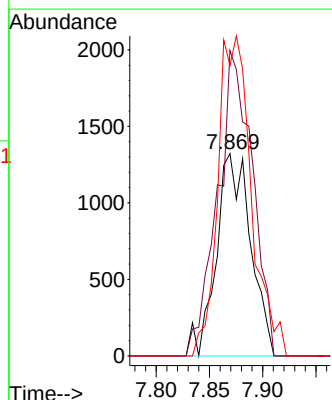
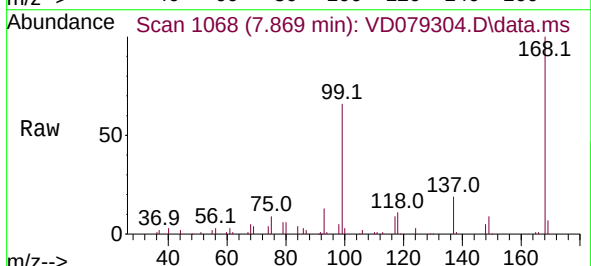
Tgt Ion: 56 Resp: 2961

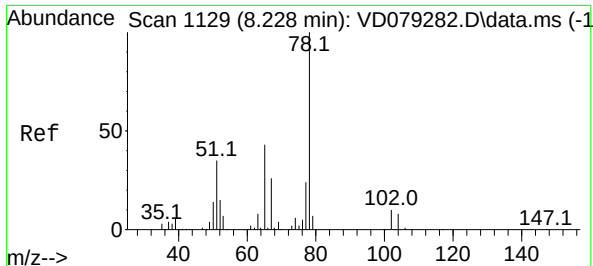
Ion Ratio Lower Upper

56 100

69 150.9 28.0 42.0#

84 143.5 87.4 131.0#





#33

1,2-Dichloroethane-d4

Concen: 69.826 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD079304.D

Acq: 01 Jul 2024 18:58

Instrument :

MSVOA_D

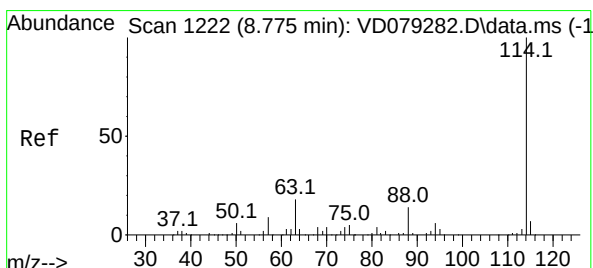
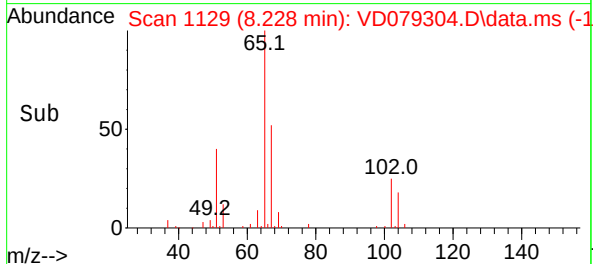
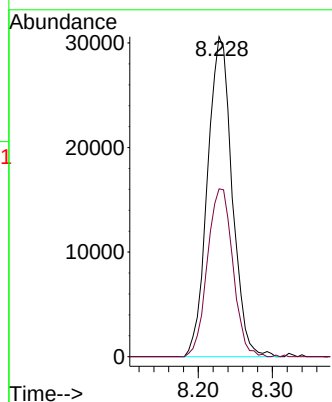
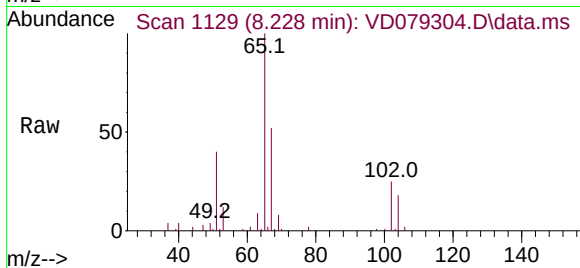
ClientSampleId :

Tgt Ion: 65 Resp: 70665

Ion Ratio Lower Upper

65 100

67 54.1 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: VD079304.D

Acq: 01 Jul 2024 18:58

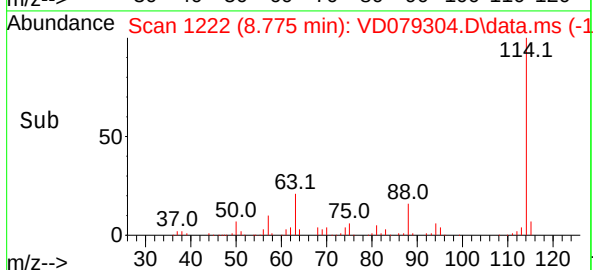
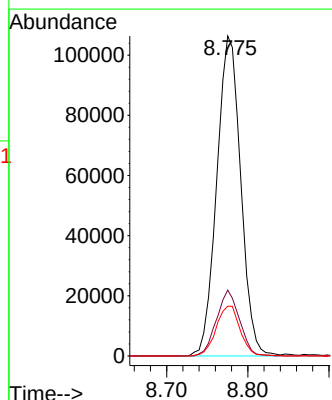
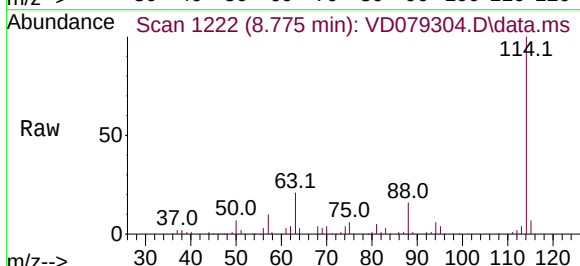
Tgt Ion: 114 Resp: 218417

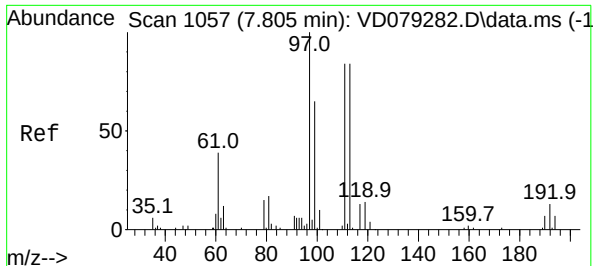
Ion Ratio Lower Upper

114 100

63 20.6 0.0 34.0

88 15.6 0.0 27.2





#35

Dibromofluoromethane

Concen: 59.319 ug/l

RT: 7.805 min Scan# 1069

Delta R.T. -0.000 min

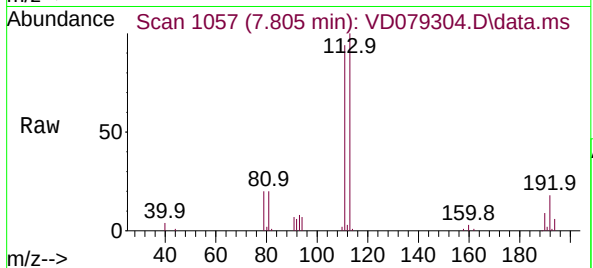
Lab File: VD079304.D

Acq: 01 Jul 2024 18:58

Instrument :

MSVOA_D

ClientSampleId :



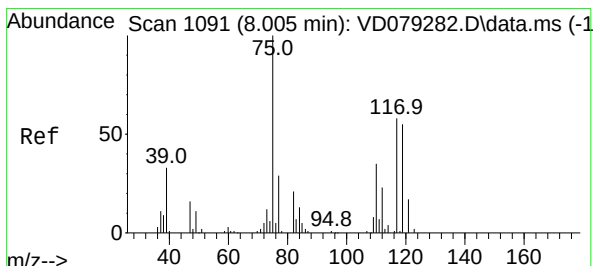
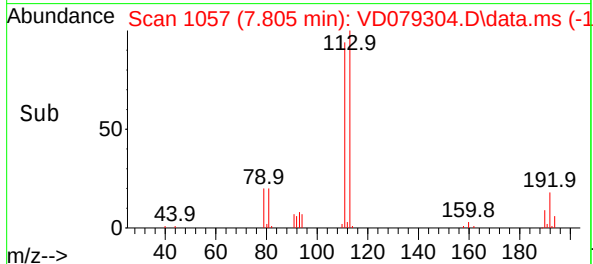
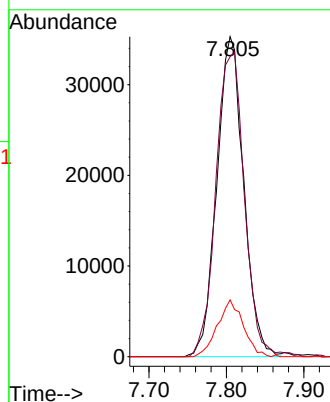
Tgt Ion:113 Resp: 85045

Ion Ratio Lower Upper

113 100

111 101.1 84.0 126.0

192 17.1 15.4 23.0



#36

1,1-Dichloropropene

Concen: 4.711 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.129 min

Lab File: VD079304.D

Acq: 01 Jul 2024 18:58

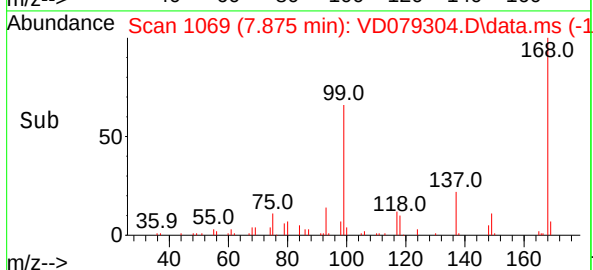
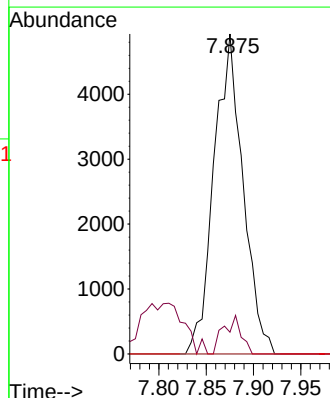
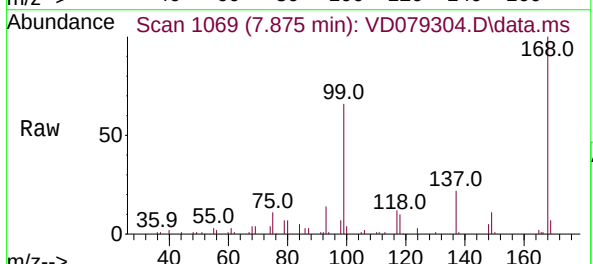
Tgt Ion: 75 Resp: 10493

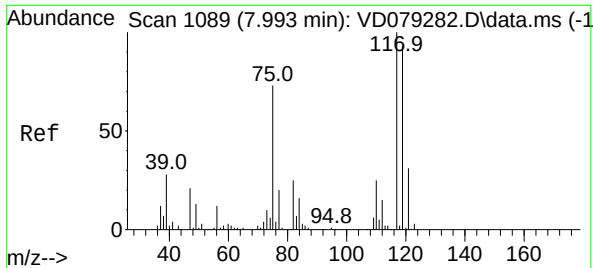
Ion Ratio Lower Upper

75 100

110 7.3 19.6 58.7#

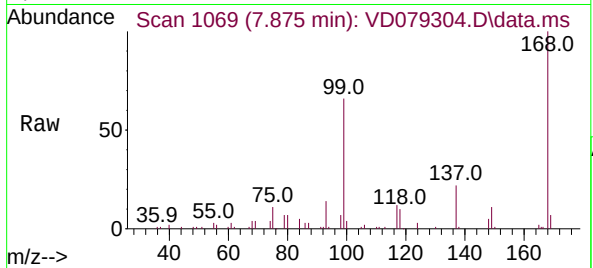
77 0.0 26.1 39.1#



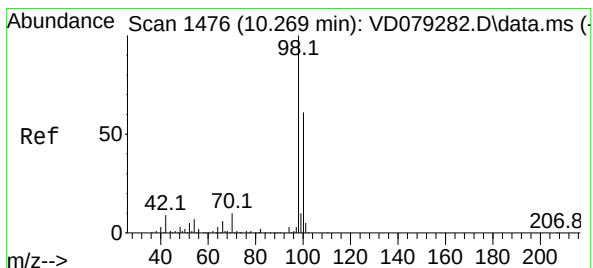
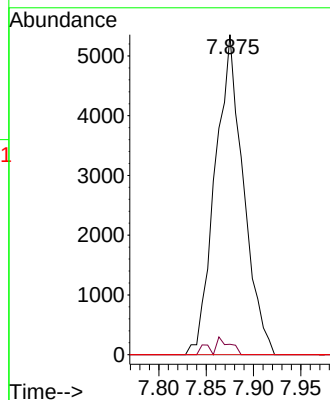
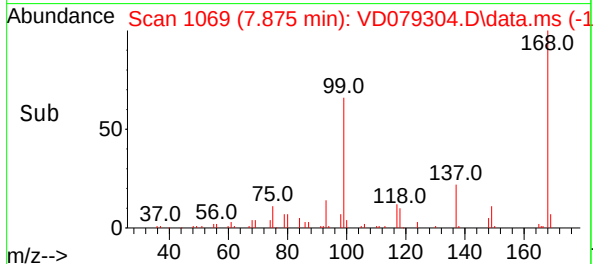


#38
Carbon Tetrachloride
Concen: 4.910 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.112 min
Lab File: VD079304.D
Acq: 01 Jul 2024 18:58

Instrument :
MSVOA_D
ClientSampleId :

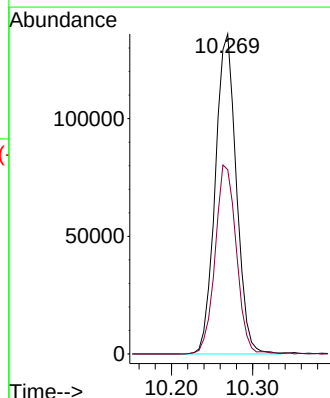
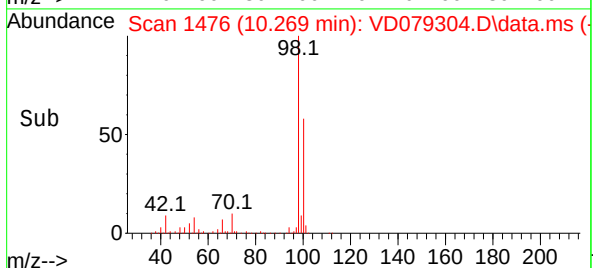
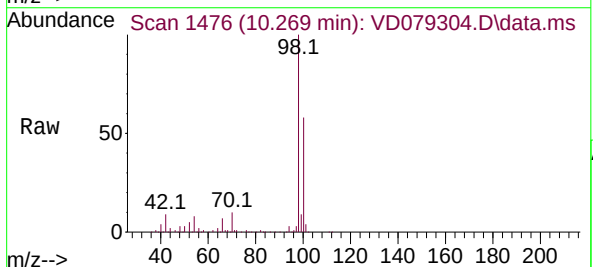


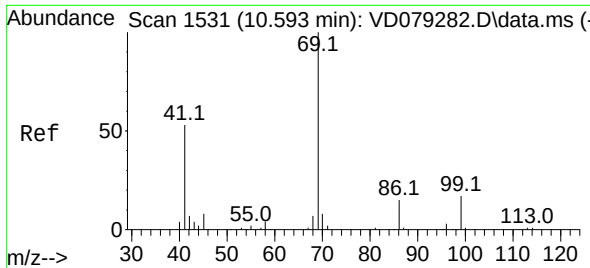
Tgt Ion:117 Resp: 11107
Ion Ratio Lower Upper
117 100
119 3.2 75.4 113.0#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 47.557 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD079304.D
Acq: 01 Jul 2024 18:58

Tgt Ion: 98 Resp: 245283
Ion Ratio Lower Upper
98 100
100 59.4 51.6 77.4

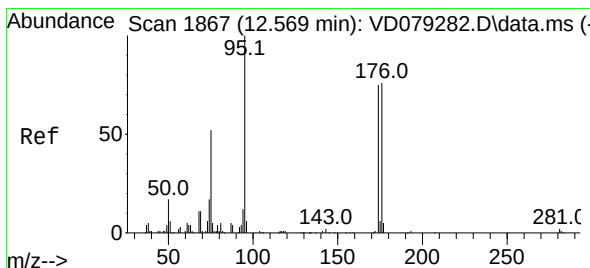
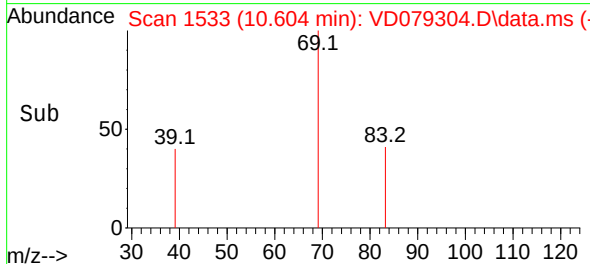
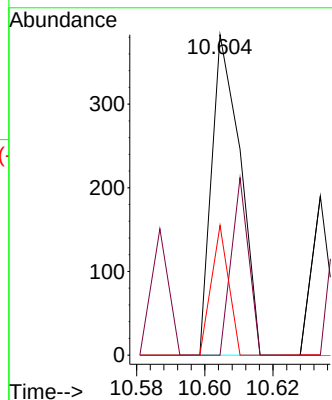
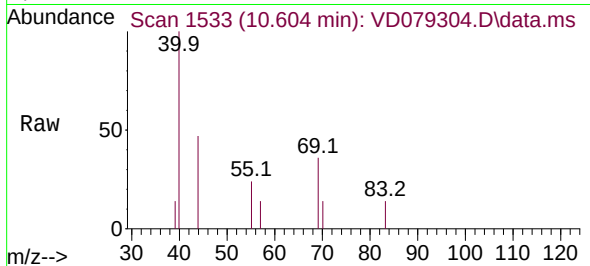




#56
Ethyl methacrylate
Concen: 3.844 ug/l
RT: 10.604 min Scan# 1533
Delta R.T. 0.011 min
Lab File: VD079304.D
Acq: 01 Jul 2024 18:58

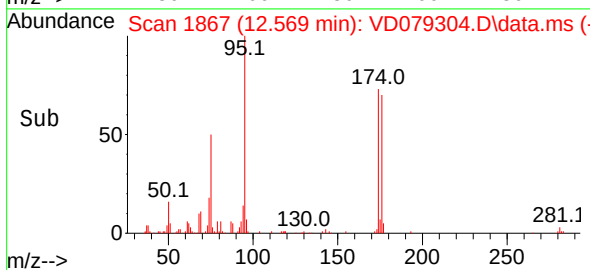
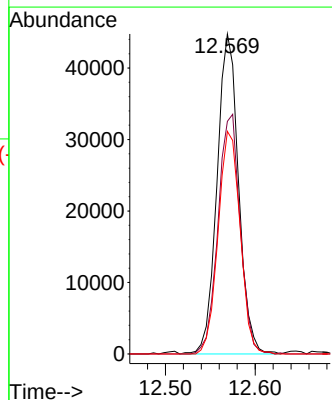
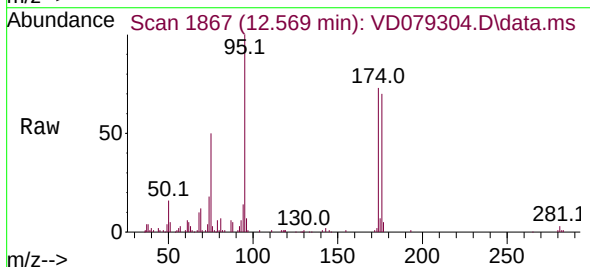
Instrument :
MSVOA_D
ClientSampleId :

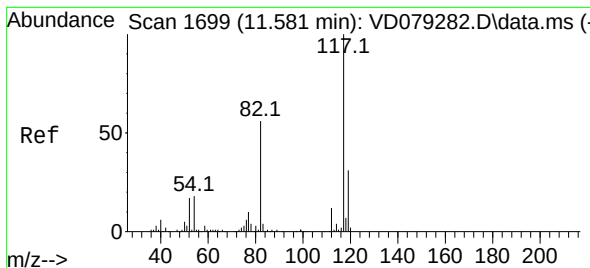
Tgt Ion: 69 Resp: 222
Ion Ratio Lower Upper
69 100
41 33.8 39.8 59.6#
39 24.8 20.2 30.4



#62
4-Bromofluorobenzene
Concen: 45.095 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079304.D
Acq: 01 Jul 2024 18:58

Tgt Ion: 95 Resp: 74582
Ion Ratio Lower Upper
95 100
174 76.8 0.0 195.4
176 71.1 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: VD079304.D

Acq: 01 Jul 2024 18:58

Instrument :

MSVOA_D

ClientSampleId :

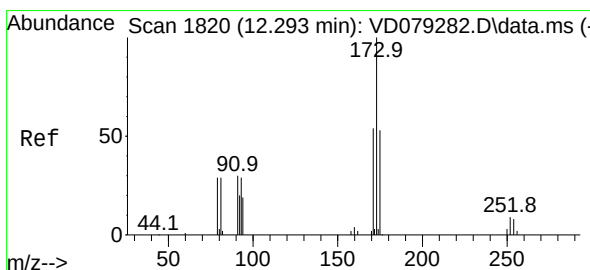
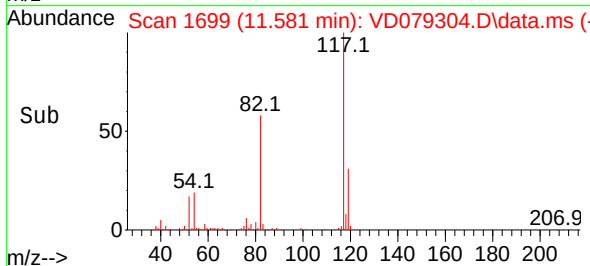
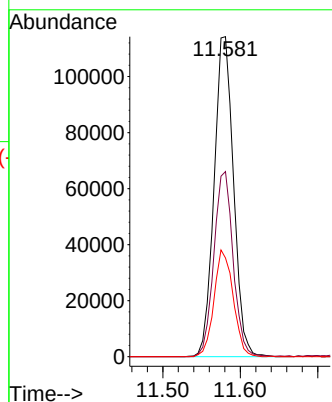
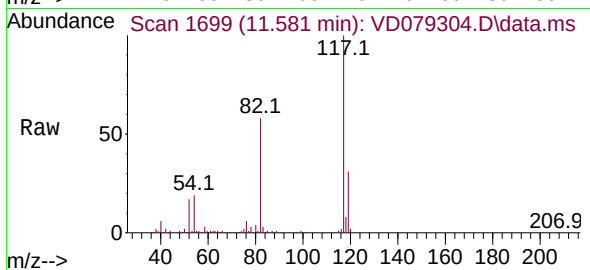
Tgt Ion:117 Resp: 200113

Ion Ratio Lower Upper

117 100

82 57.8 39.8 59.6

119 30.8 25.7 38.5



#71

Bromoform

Concen: 1.122 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. 0.271 min

Lab File: VD079304.D

Acq: 01 Jul 2024 18:58

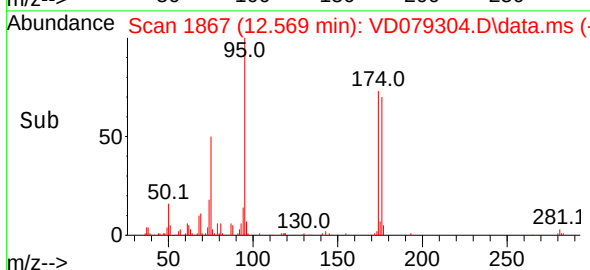
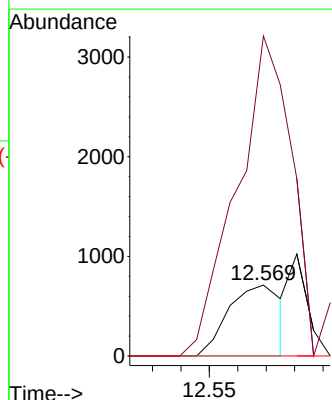
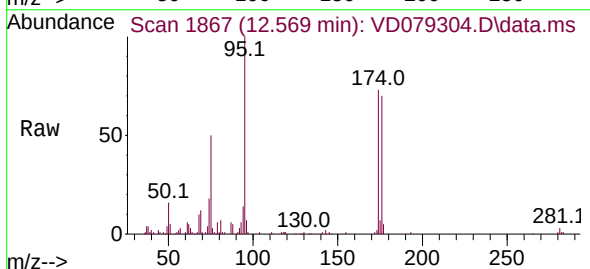
Tgt Ion:173 Resp: 922

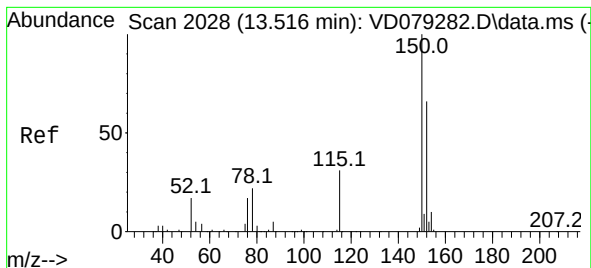
Ion Ratio Lower Upper

173 100

175 396.9 23.7 71.1#

254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 20

Delta R.T. 0.000 min

Lab File: VD079304.D

Acq: 01 Jul 2024 18:58

Instrument :

MSVOA_D

ClientSampleId :

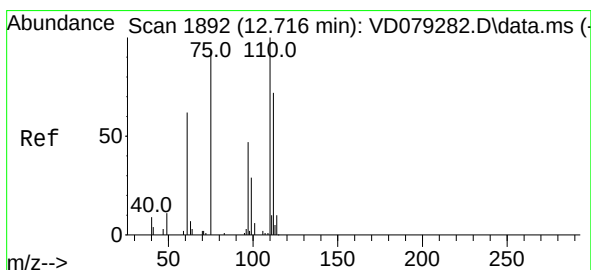
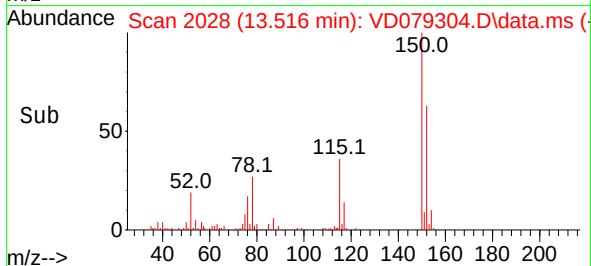
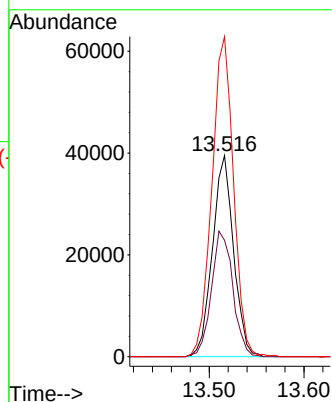
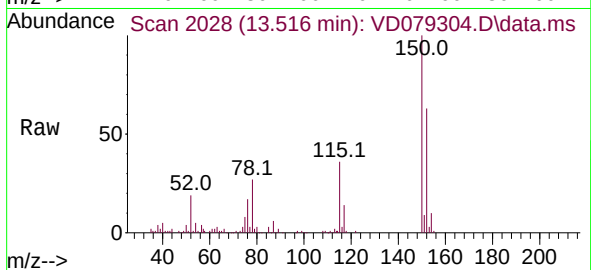
Tgt Ion:152 Resp: 61118

Ion Ratio Lower Upper

152 100

115 63.2 26.5 79.5

150 162.8 0.0 341.6



#76

1,2,3-Trichloropropane

Concen: 61.124 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.153 min

Lab File: VD079304.D

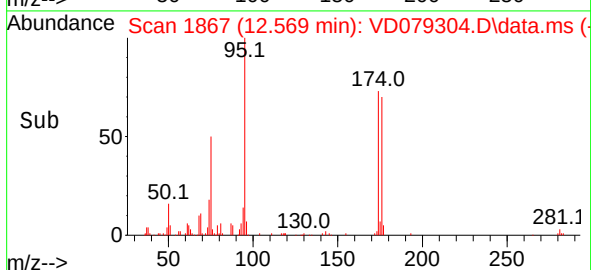
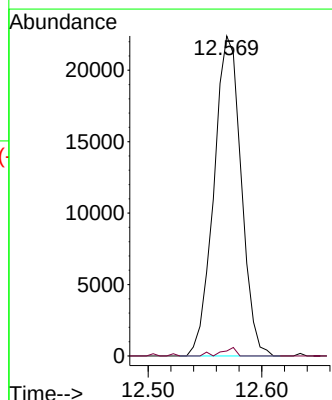
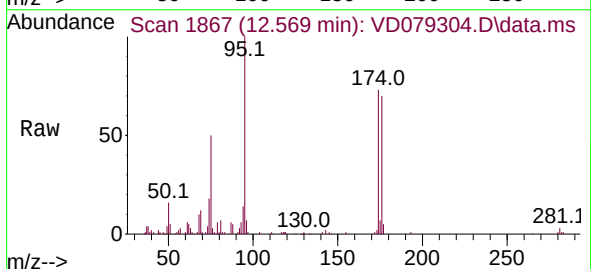
Acq: 01 Jul 2024 18:58

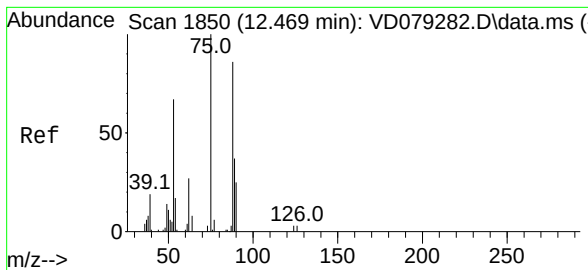
Tgt Ion: 75 Resp: 37386

Ion Ratio Lower Upper

75 100

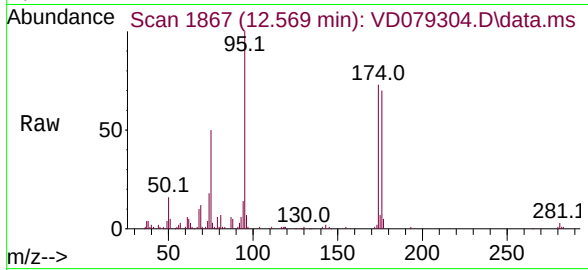
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 113.423 ug/l
 RT: 12.569 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD079304.D
 Acq: 01 Jul 2024 18:58

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 37386
 Ion Ratio Lower Upper
 75 100
 53 0.0 61.4 92.2#
 89 0.0 35.4 53.0#

