

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070124\
 Data File : VD079305.D
 Acq On : 01 Jul 2024 19:25
 Operator : RP/MD
 Sample : P3141-03
 Misc : 7.17G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 02 06:01:42 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)

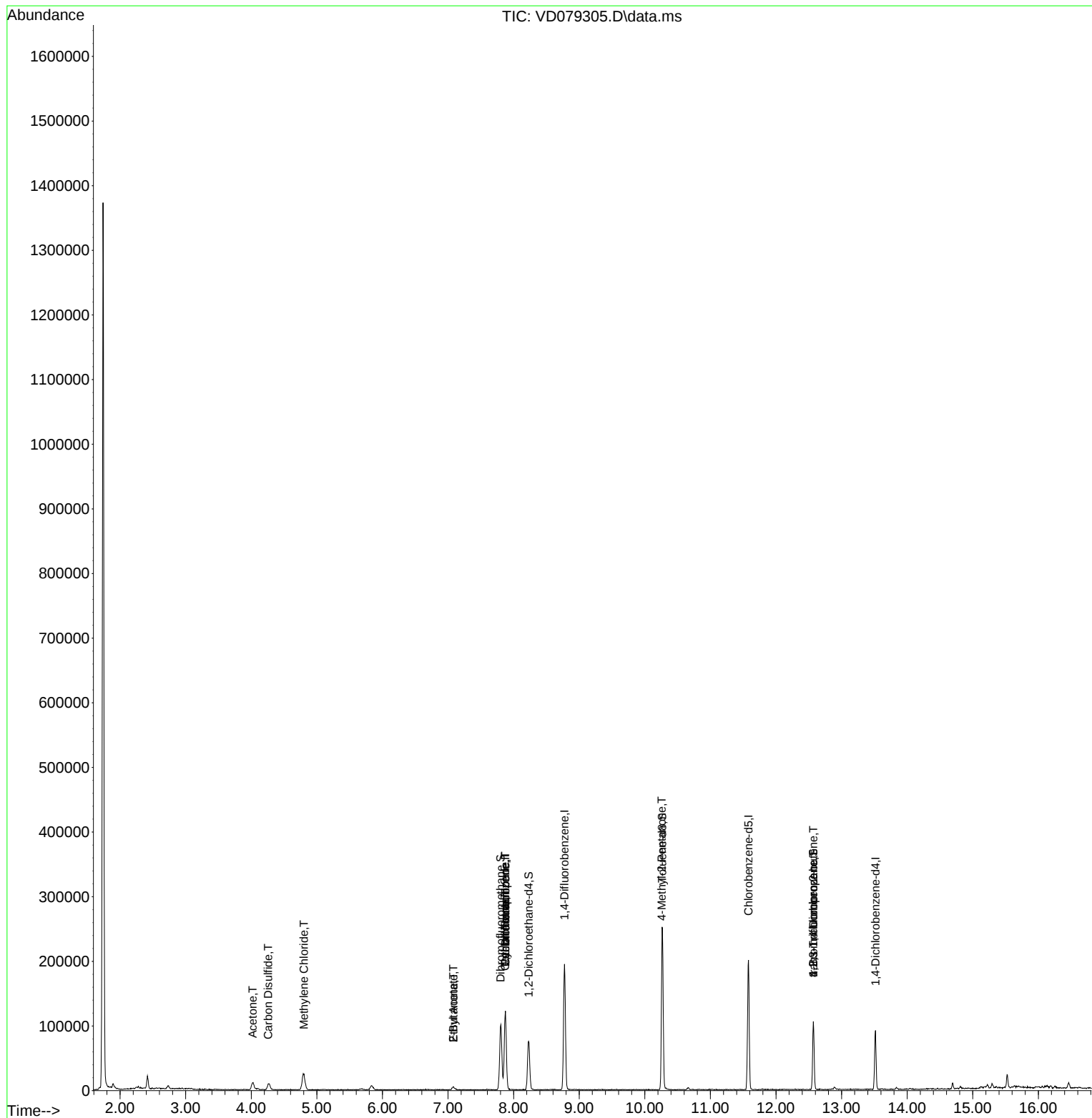
Internal Standards						
1) Pentafluorobenzene	7.875	168	87510	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	172436	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	120774	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	23828	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	62399	74.958	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	149.920%
35) Dibromofluoromethane	7.799	113	75900	67.057	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	134.120%
50) Toluene-d8	10.263	98	184283	45.257	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.520%
62) 4-Bromofluorobenzene	12.569	95	35634	27.291	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	54.580%
Target Compounds			Qvalue			
5) Bromomethane	2.687	94	147	Below Cal		90
16) Acetone	4.022	43	19633	94.528	ug/l	92
17) Carbon Disulfide	4.258	76	21144	5.232	ug/l	98
20) Methylene Chloride	4.805	84	18814	8.567	ug/l	92
25) 2-Butanone	7.081	43	5710	19.734	ug/l	94
31) Cyclohexane	7.875	56	1990	1.070	ug/l #	13
36) 1,1-Dichloropropene	7.875	75	8179	4.651	ug/l #	46
37) Ethyl Acetate	7.081	43	5710	8.530	ug/l #	64
38) Carbon Tetrachloride	7.869	117	9778	5.475	ug/l #	16
51) 4-Methyl-2-Pentanone	10.257	43	798	1.187	ug/l #	1
76) 1,2,3-Trichloropropane	12.569	75	17316	72.616	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	17316	134.747	ug/l #	19

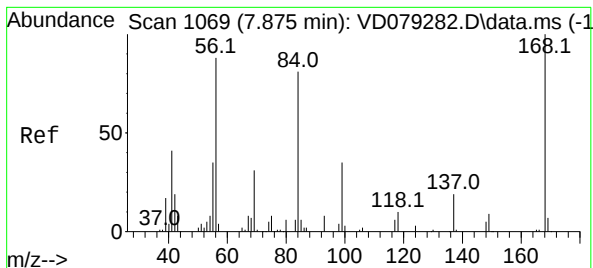
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Operator : RP/MD
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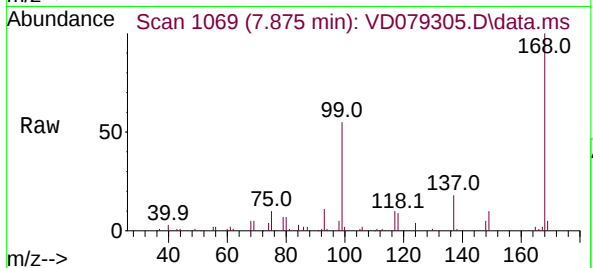
Quant Time: Jul 02 06:01:42 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062824S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 29 06:28:31 2024
Response via : Initial Calibration



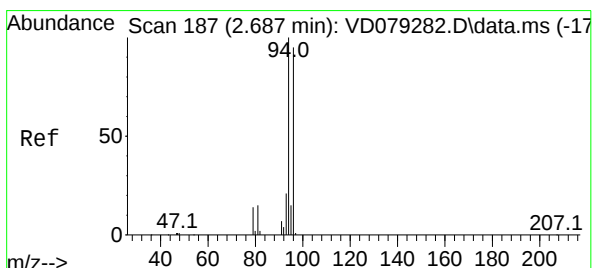
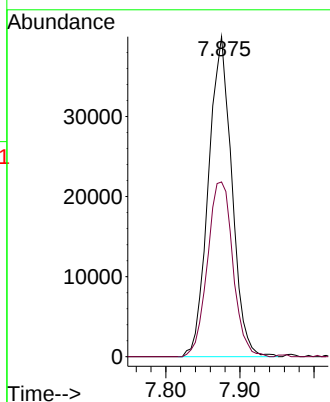
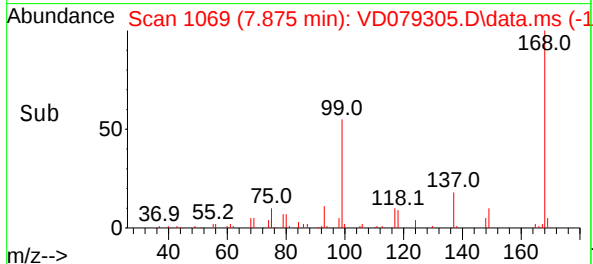


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079305.D
Acq: 01 Jul 2024 19:25

Instrument :
MSVOA_D
ClientSampleId :

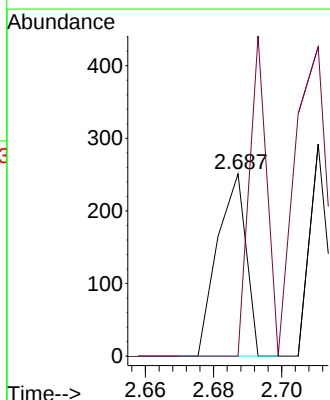
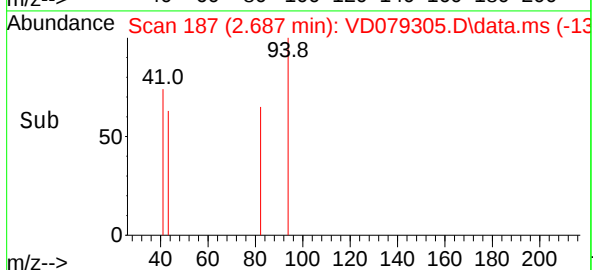
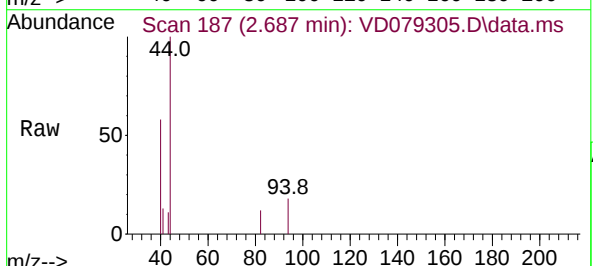


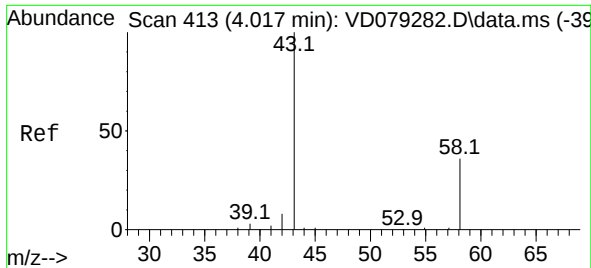
Tgt Ion:168 Resp: 87510
Ion Ratio Lower Upper
168 100
99 54.6 41.1 61.7



#5
Bromomethane
Concen: Below Cal
RT: 2.687 min Scan# 187
Delta R.T. 0.029 min
Lab File: VD079305.D
Acq: 01 Jul 2024 19:25

Tgt Ion: 94 Resp: 147
Ion Ratio Lower Upper
94 100
96 106.1 76.9 115.3





#16

Acetone

Concen: 94.528 ug/l

RT: 4.022 min Scan# 41

Delta R.T. 0.006 min

Lab File: VD079305.D

Acq: 01 Jul 2024 19:25

Instrument :

MSVOA_D

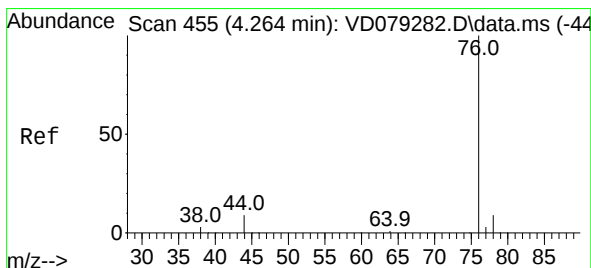
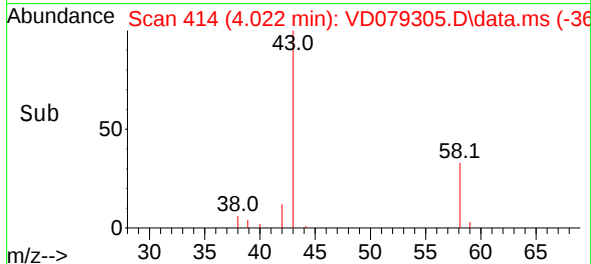
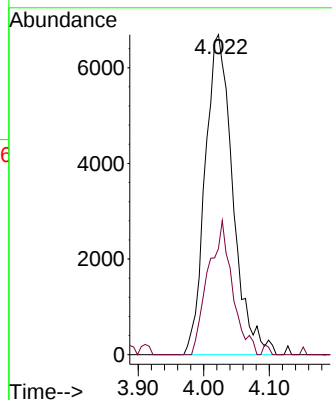
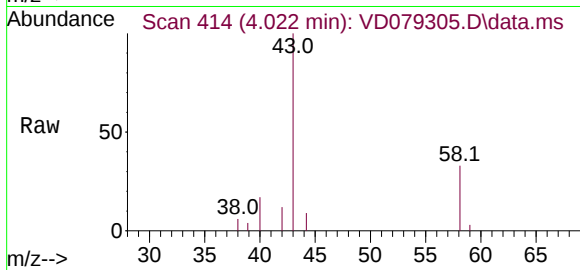
ClientSampleId :

Tgt Ion: 43 Resp: 19633

Ion Ratio Lower Upper

43 100

58 33.1 30.4 45.6



#17

Carbon Disulfide

Concen: 5.232 ug/l

RT: 4.258 min Scan# 454

Delta R.T. -0.006 min

Lab File: VD079305.D

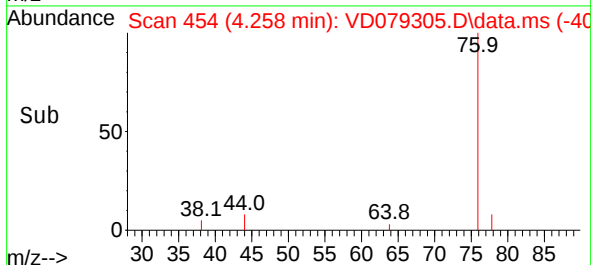
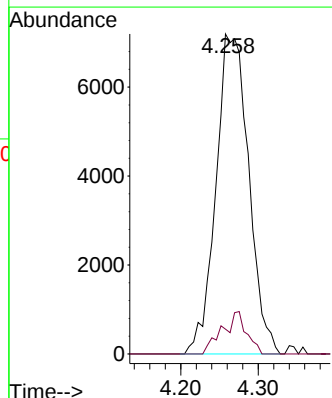
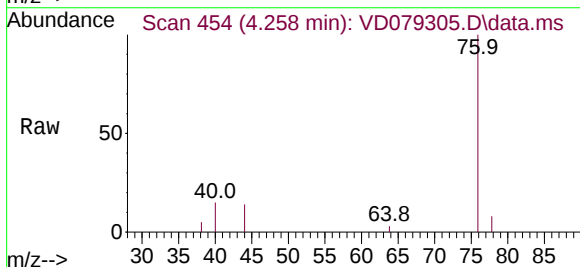
Acq: 01 Jul 2024 19:25

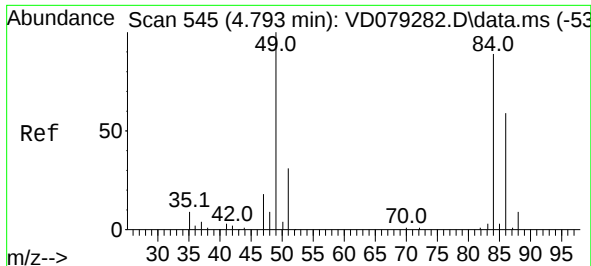
Tgt Ion: 76 Resp: 21144

Ion Ratio Lower Upper

76 100

78 7.7 6.9 10.3

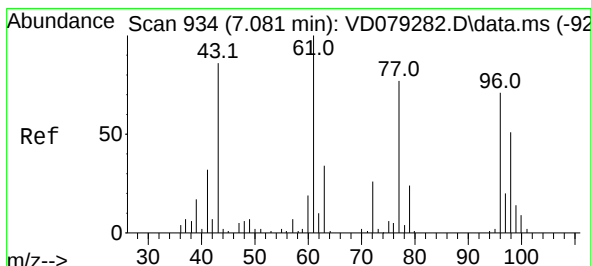
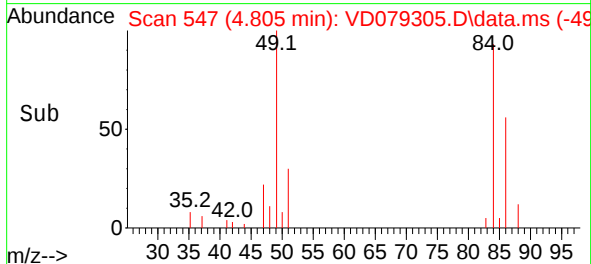
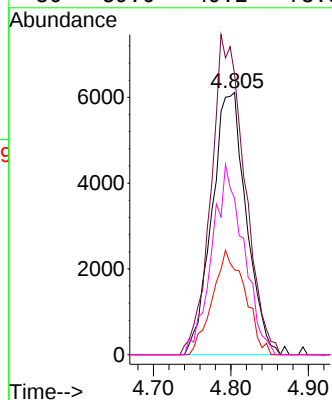
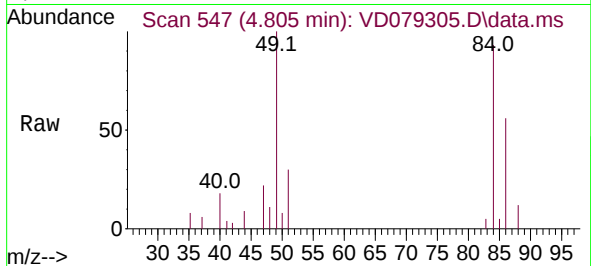




#20
Methylene Chloride
Concen: 8.567 ug/l
RT: 4.805 min Scan# 545
Delta R.T. 0.012 min
Lab File: VD079305.D
Acq: 01 Jul 2024 19:25

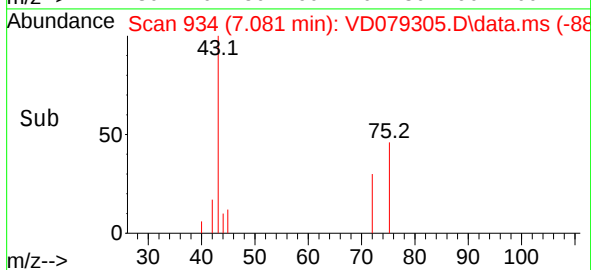
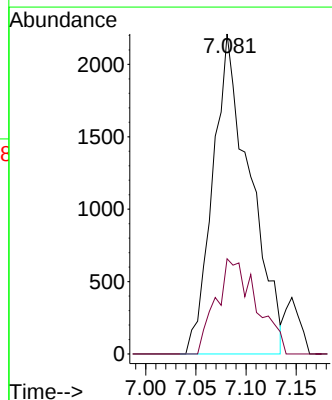
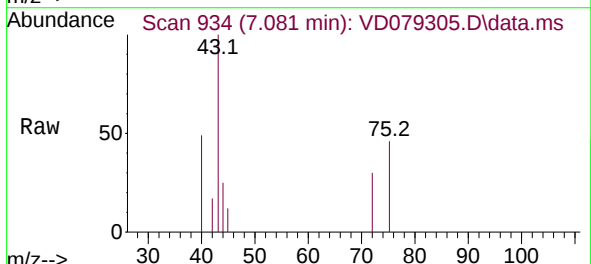
Instrument :
MSVOA_D
ClientSampleId :

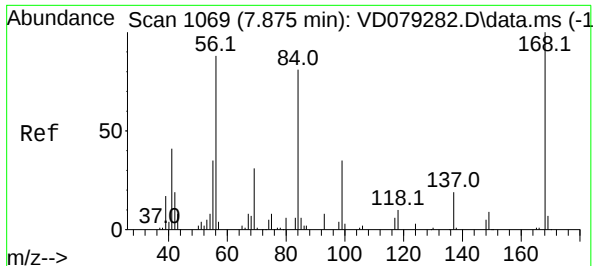
Tgt Ion: 84	Resp: 18814
Ion Ratio	Lower Upper
84 100	
49 107.0	75.6 113.4
51 32.3	24.2 36.2
86 59.6	49.2 73.8



#25
2-Butanone
Concen: 19.734 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD079305.D
Acq: 01 Jul 2024 19:25

Tgt Ion: 43	Resp: 5710		
Ion Ratio	Lower	Upper	
43 100			
72 29.8	26.4	39.6	





#31

Cyclohexane

Concen: 1.070 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

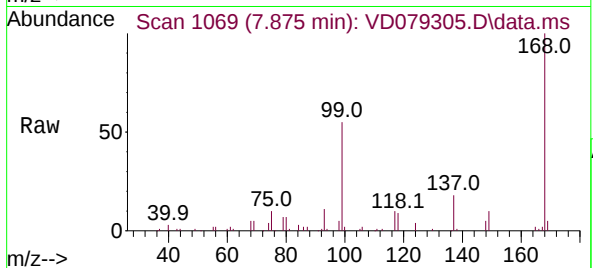
Lab File: VD079305.D

Acq: 01 Jul 2024 19:25

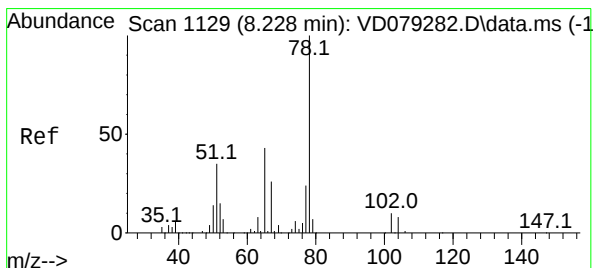
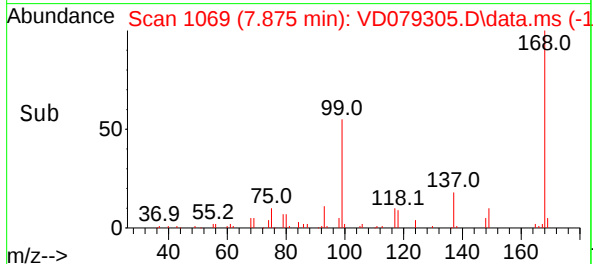
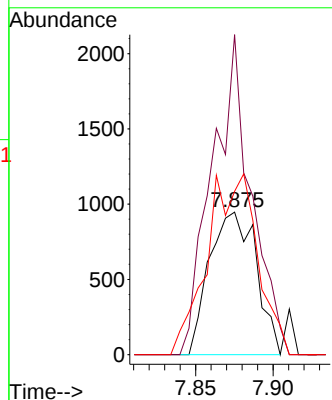
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	56	Resp:	1990
Ion Ratio	Lower	Upper	
56	100		
69	224.5	28.0	42.0#
84	98.0	87.4	131.0



#33

1,2-Dichloroethane-d4

Concen: 74.958 ug/l

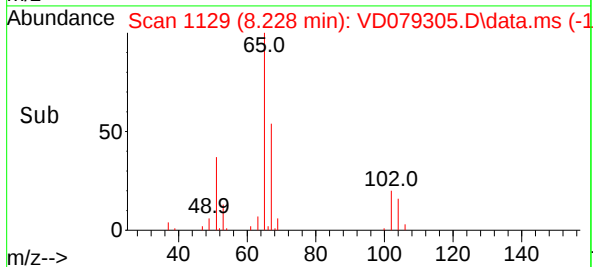
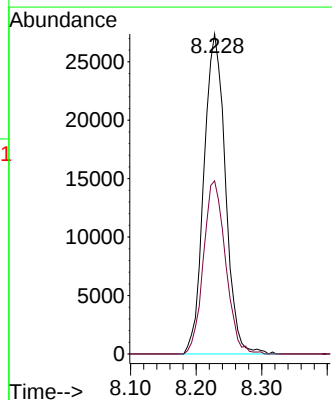
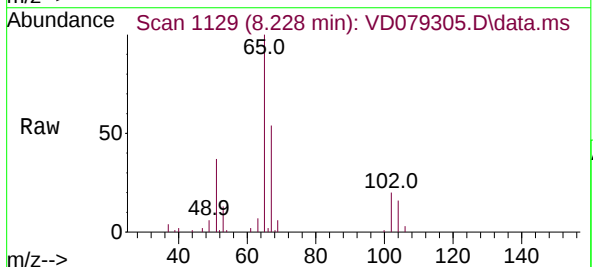
RT: 8.228 min Scan# 1129

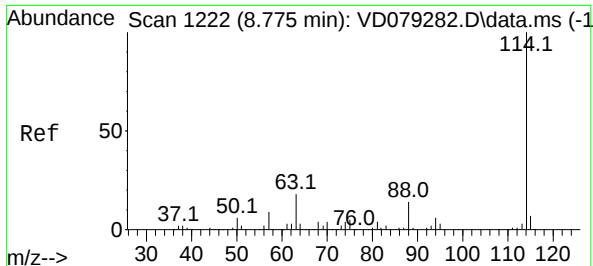
Delta R.T. 0.000 min

Lab File: VD079305.D

Acq: 01 Jul 2024 19:25

Tgt Ion:	65	Resp:	62399
Ion Ratio	Lower	Upper	
65	100		
67	55.7	0.0	111.0

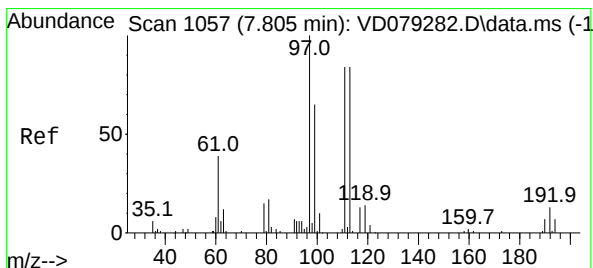
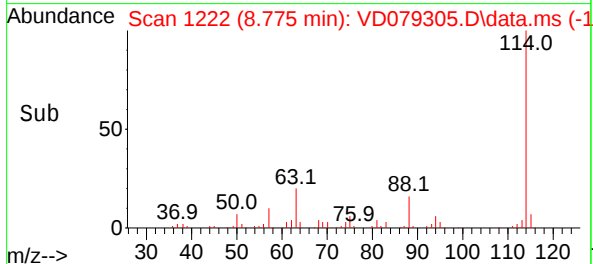
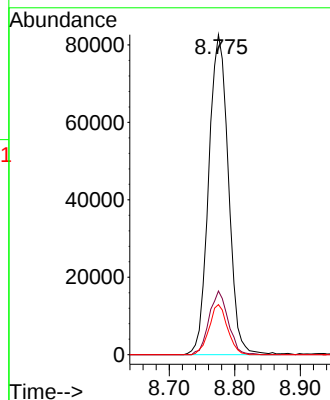
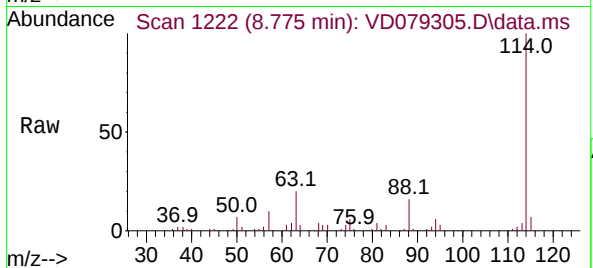




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.775 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VD079305.D
 Acq: 01 Jul 2024 19:25

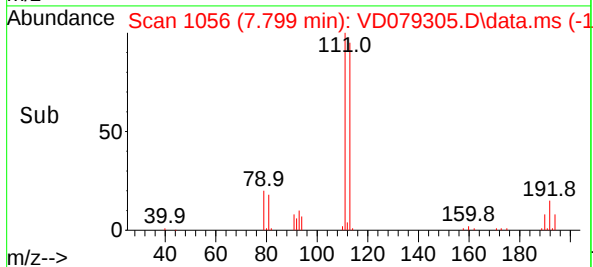
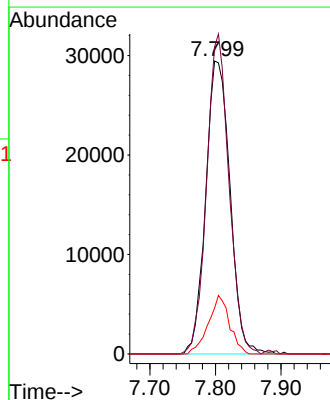
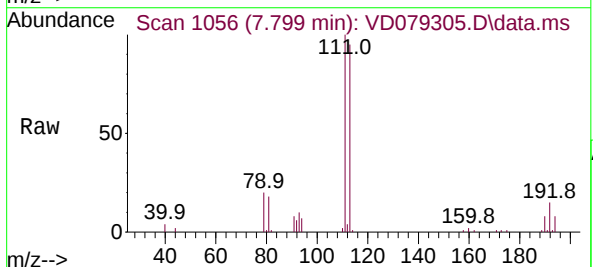
Instrument :
 MSVOA_D
 ClientSampleId :

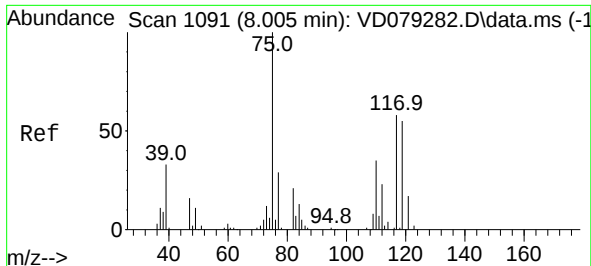
Tgt Ion:114 Resp: 172436
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 34.0
 88 15.7 0.0 27.2



#35
 Dibromofluoromethane
 Concen: 67.057 ug/l
 RT: 7.799 min Scan# 1056
 Delta R.T. -0.006 min
 Lab File: VD079305.D
 Acq: 01 Jul 2024 19:25

Tgt Ion:113 Resp: 75900
 Ion Ratio Lower Upper
 113 100
 111 100.0 84.0 126.0
 192 17.4 15.4 23.0

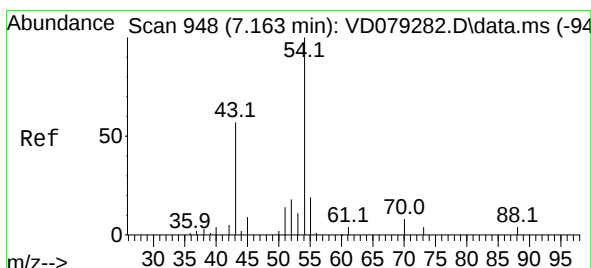
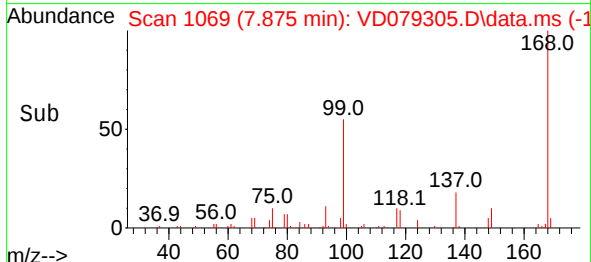
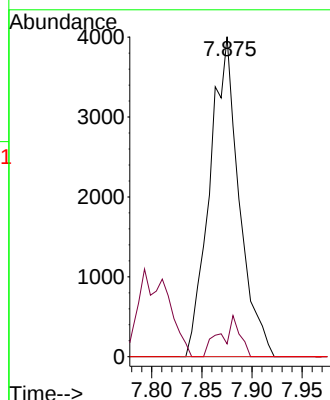
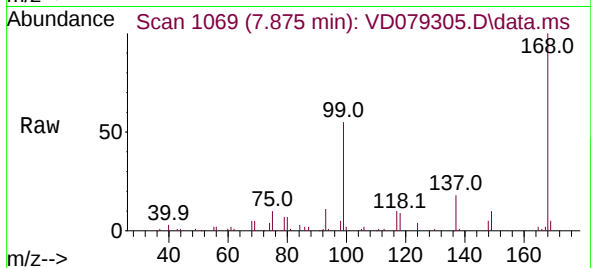




#36
1,1-Dichloropropene
Concen: 4.651 ug/l
RT: 7.875 min Scan# 1091
Delta R.T. -0.129 min
Lab File: VD079305.D
Acq: 01 Jul 2024 19:25

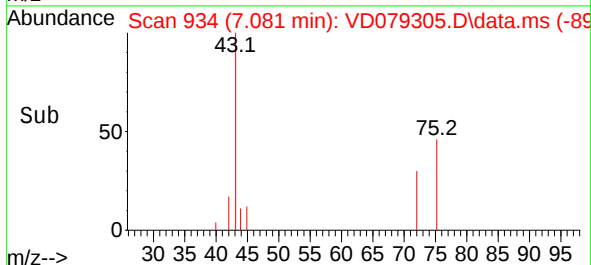
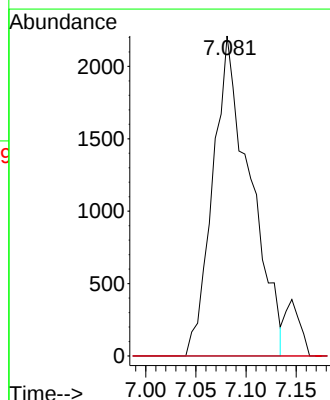
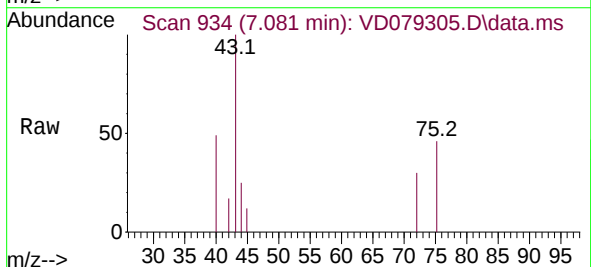
Instrument :
MSVOA_D
ClientSampleId :

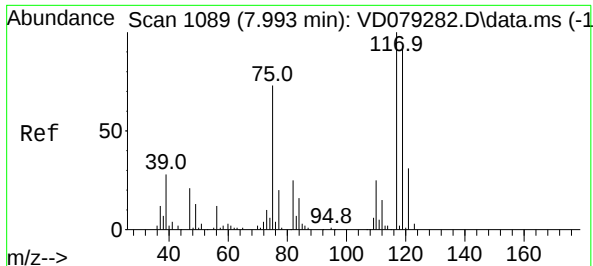
Tgt Ion: 75 Resp: 8179
Ion Ratio Lower Upper
75 100
110 8.3 19.6 58.7#
77 0.0 26.1 39.1#



#37
Ethyl Acetate
Concen: 8.530 ug/l
RT: 7.081 min Scan# 934
Delta R.T. -0.082 min
Lab File: VD079305.D
Acq: 01 Jul 2024 19:25

Tgt Ion: 43 Resp: 5710
Ion Ratio Lower Upper
43 100
61 0.0 13.9 20.9#
70 0.0 9.8 14.6#





#38

Carbon Tetrachloride

Concen: 5.475 ug/l

RT: 7.869 min Scan# 1

Delta R.T. -0.118 min

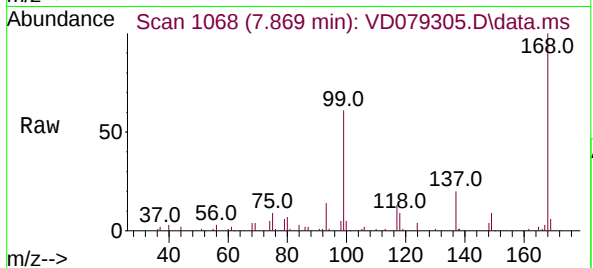
Lab File: VD079305.D

Acq: 01 Jul 2024 19:25

Instrument :

MSVOA_D

ClientSampleId :



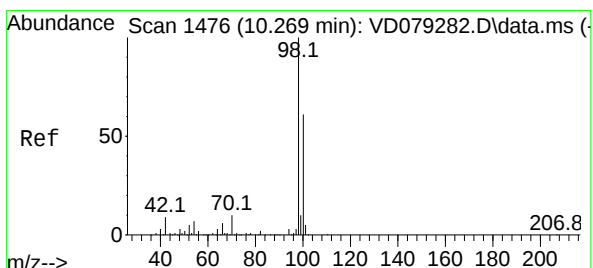
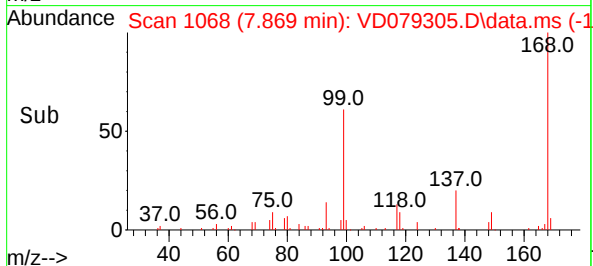
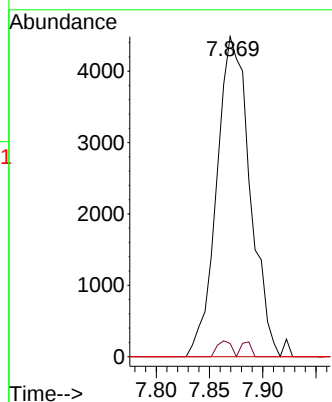
Tgt Ion:117 Resp: 9778

Ion Ratio Lower Upper

117 100

119 4.1 75.4 113.0#

121 0.0 25.0 37.4#



#50

Toluene-d8

Concen: 45.257 ug/l

RT: 10.263 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VD079305.D

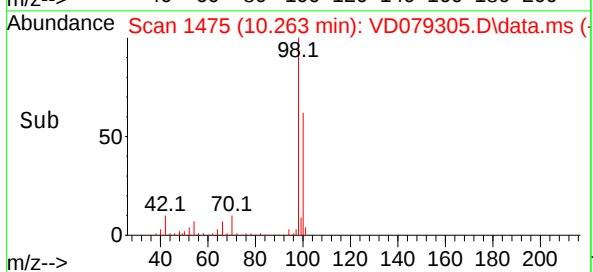
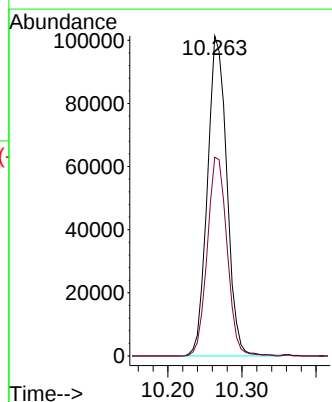
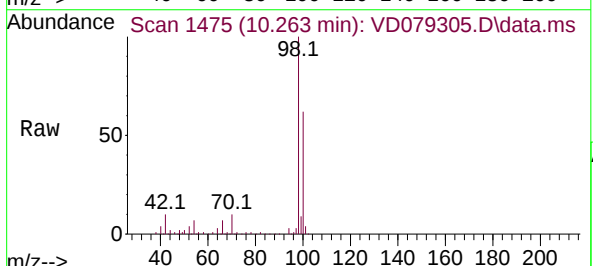
Acq: 01 Jul 2024 19:25

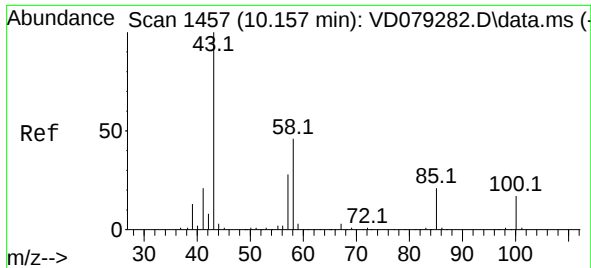
Tgt Ion: 98 Resp: 184283

Ion Ratio Lower Upper

98 100

100 63.2 51.6 77.4

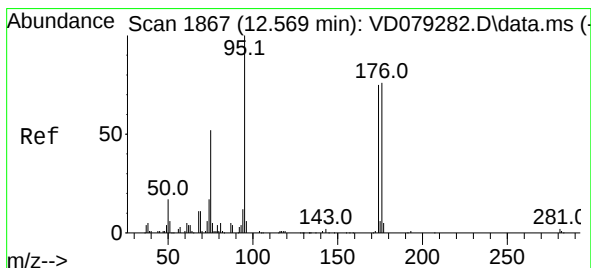
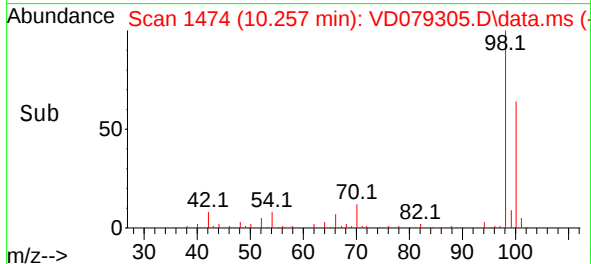
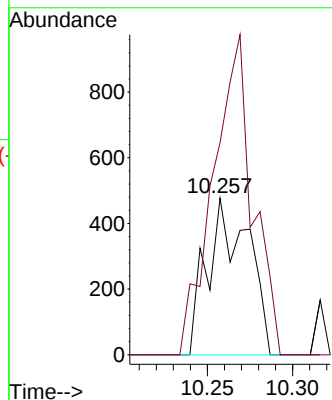
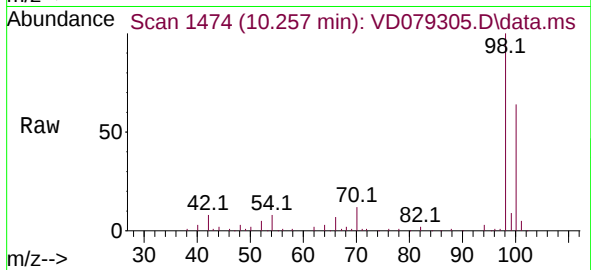




#51
4-Methyl-2-Pentanone
Concen: 1.187 ug/l
RT: 10.257 min Scan# 1457
Delta R.T. 0.100 min
Lab File: VD079305.D
Acq: 01 Jul 2024 19:25

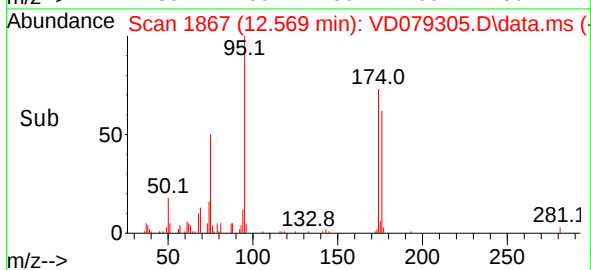
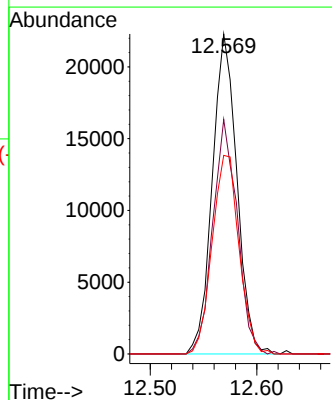
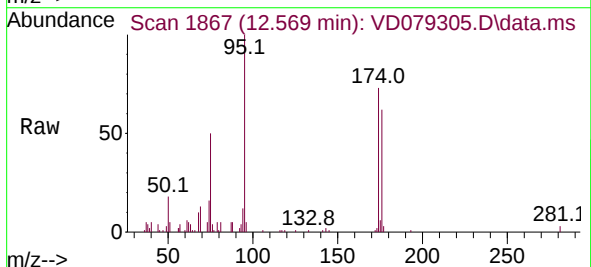
Instrument :
MSVOA_D
ClientSampleId :

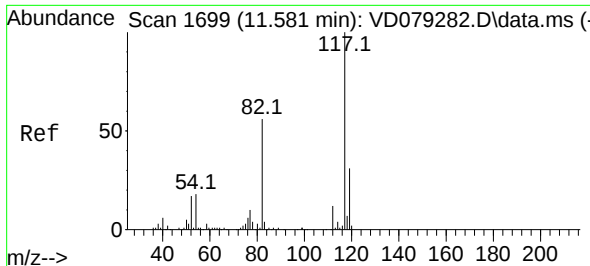
Tgt Ion: 43 Resp: 798
Ion Ratio Lower Upper
43 100
58 196.9 36.6 55.0#



#62
4-Bromofluorobenzene
Concen: 27.291 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079305.D
Acq: 01 Jul 2024 19:25

Tgt Ion: 95 Resp: 35634
Ion Ratio Lower Upper
95 100
174 73.1 0.0 195.4
176 67.9 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: VD079305.D

Acq: 01 Jul 2024 19:25

Instrument :

MSVOA_D

ClientSampleId :

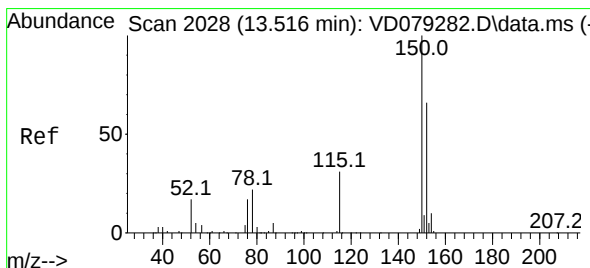
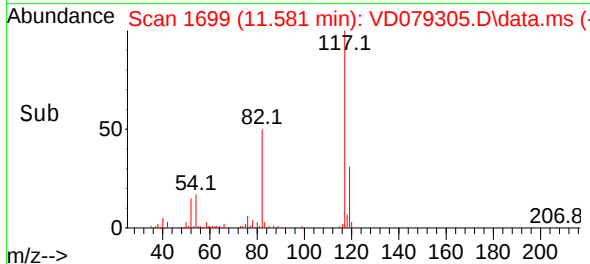
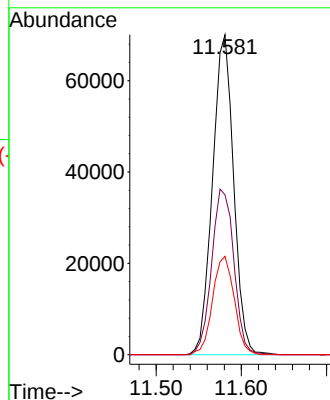
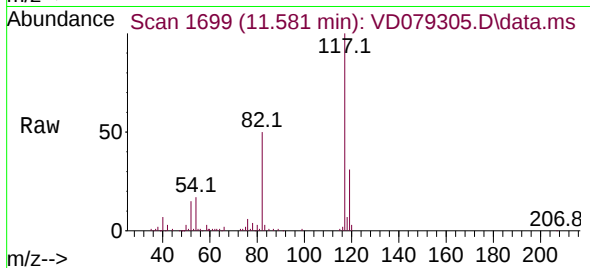
Tgt Ion:117 Resp: 120774

Ion Ratio Lower Upper

117 100

82 49.9 39.8 59.6

119 30.8 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: VD079305.D

Acq: 01 Jul 2024 19:25

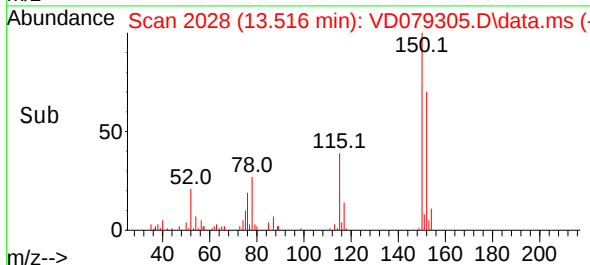
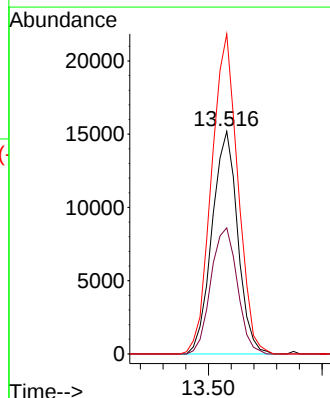
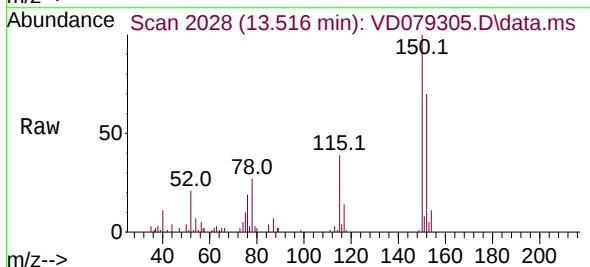
Tgt Ion:152 Resp: 23828

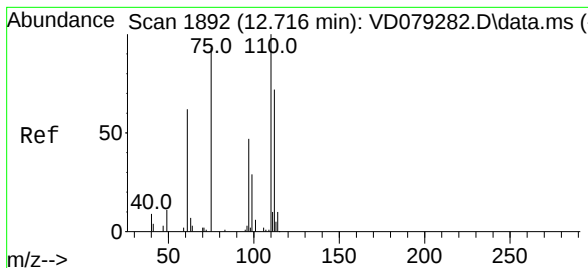
Ion Ratio Lower Upper

152 100

115 58.3 26.5 79.5

150 147.3 0.0 341.6





#76

1,2,3-Trichloropropane

Concen: 72.616 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.153 min

Lab File: VD079305.D

Acq: 01 Jul 2024 19:25

Instrument :

MSVOA_D

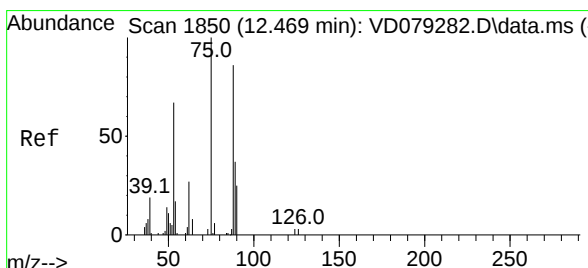
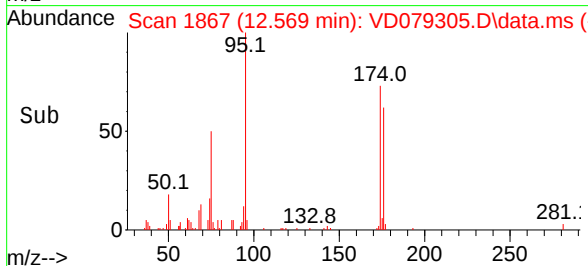
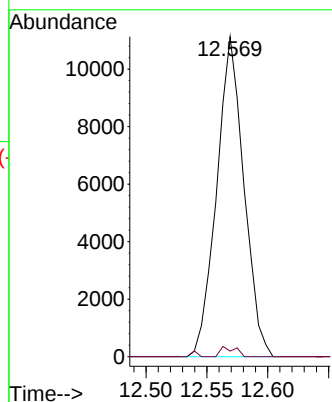
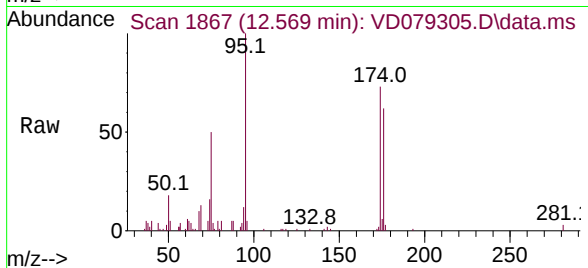
ClientSampleId :

Tgt Ion: 75 Resp: 17316

Ion Ratio Lower Upper

75 100

77 1.7 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 134.747 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. 0.100 min

Lab File: VD079305.D

Acq: 01 Jul 2024 19:25

Tgt Ion: 75 Resp: 17316

Ion Ratio Lower Upper

75 100

53 0.0 61.4 92.2#

89 0.3 35.4 53.0#

