

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070124\
 Data File : VD079300.D
 Acq On : 01 Jul 2024 17:08
 Operator : RP/MD
 Sample : P3135-08
 Misc : 4.49G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 02 05:59:37 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	7.869	168	117399	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	243137	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	216422	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	77767	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	75786	67.439	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.880%
35) Dibromofluoromethane	7.804	113	85873	53.807	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.620%
50) Toluene-d8	10.263	98	240420	41.875	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	83.740%
62) 4-Bromofluorobenzene	12.569	95	77761	42.237	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.480%

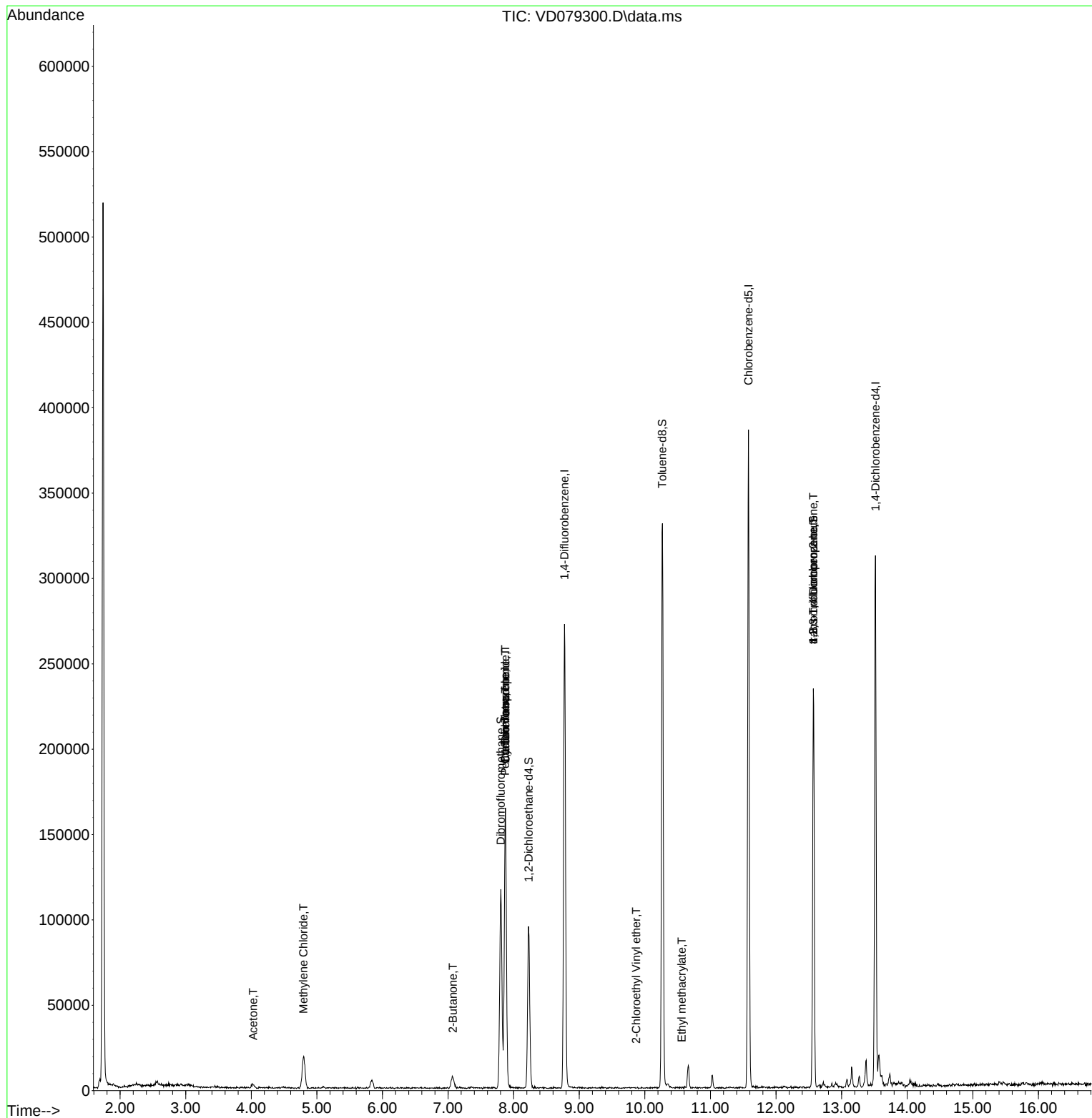
Target Compounds					Qvalue	
5) Bromomethane	2.675	94	154	Below Cal	#	2
16) Acetone	4.028	43	3654	13.114	ug/l #	81
20) Methylene Chloride	4.793	84	14105	2.037	ug/l #	76
25) 2-Butanone	7.075	43	595	1.533	ug/l #	42
31) Cyclohexane	7.875	56	2997	1.201	ug/l #	42
36) 1,1-Dichloropropene	7.875	75	11262	4.542	ug/l #	45
38) Carbon Tetrachloride	7.875	117	13302	5.283	ug/l #	16
56) Ethyl methacrylate	10.563	69	55	3.748	ug/l #	35
58) 2-Chloroethyl Vinyl ether	9.869	63	54	19.528	ug/l #	42
76) 1,2,3-Trichloropropane	12.569	75	40737	52.344	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	40737	97.130	ug/l #	19

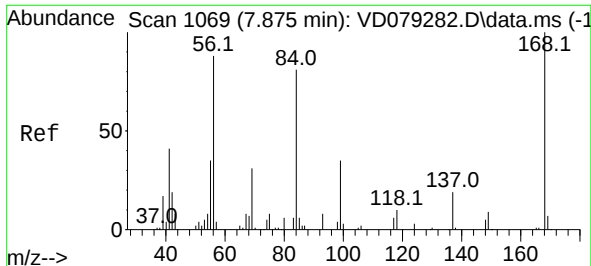
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD079300.D
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Misc : 4.49G/5.0ml/MSVOA_D/SOIL/A
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MSVOA_D
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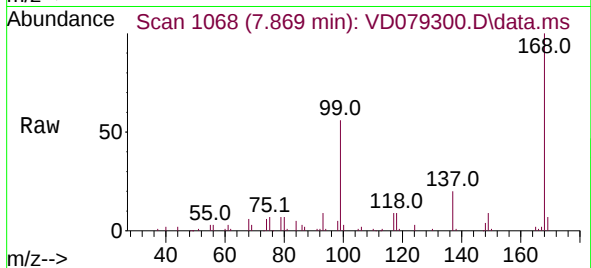
Quant Time: Jul 02 05:59:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062824S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 29 06:28:31 2024
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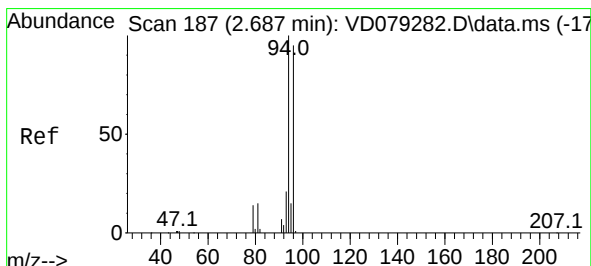
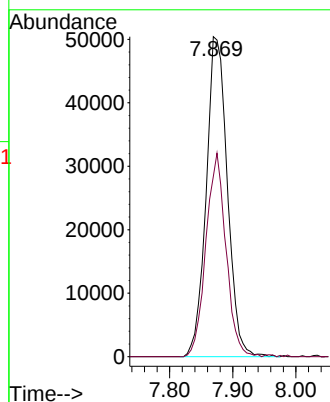
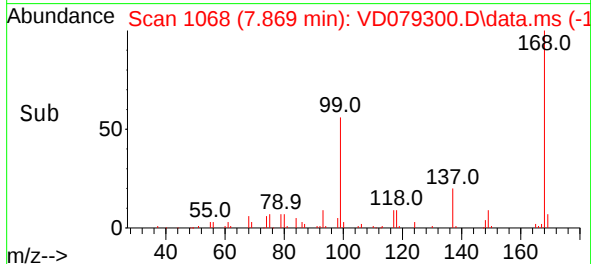


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD079300.D
Acq: 01 Jul 2024 17:08

Instrument :
MSVOA_D
ClientSampleId :

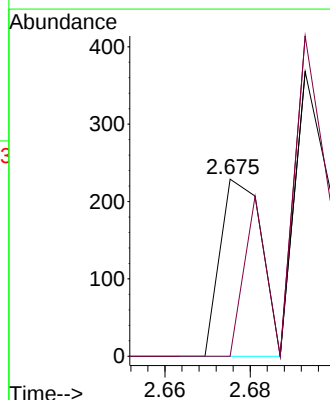
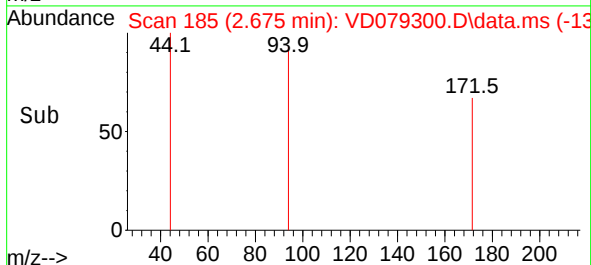
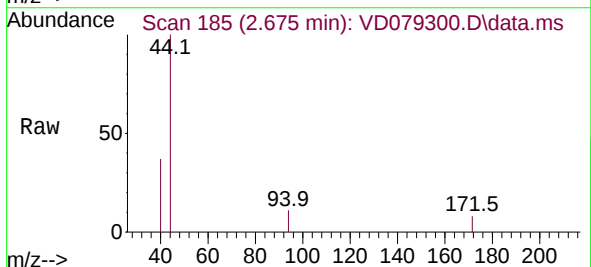


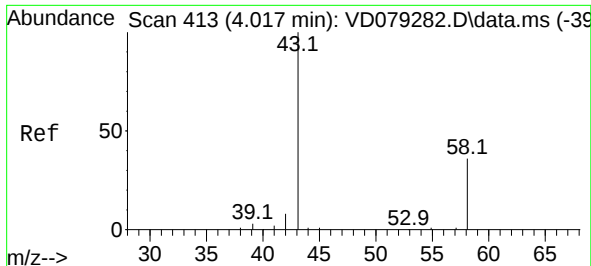
Tgt Ion:168 Resp: 117399
Ion Ratio Lower Upper
168 100
99 56.3 41.1 61.7



#5
Bromomethane
Concen: Below Cal
RT: 2.675 min Scan# 185
Delta R.T. 0.017 min
Lab File: VD079300.D
Acq: 01 Jul 2024 17:08

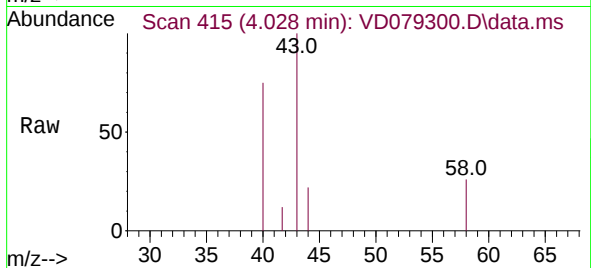
Tgt Ion: 94 Resp: 154
Ion Ratio Lower Upper
94 100
96 0.0 76.9 115.3#



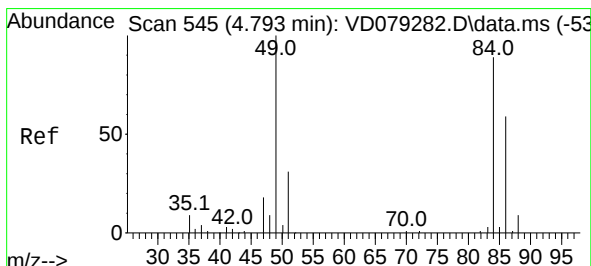
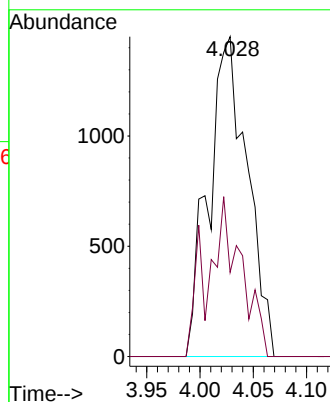
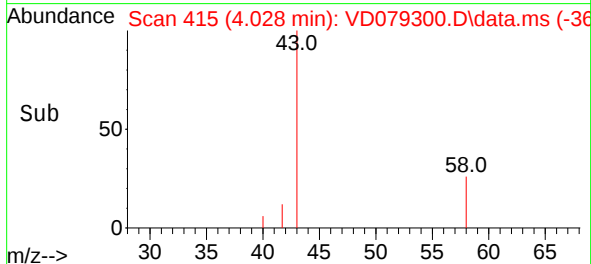


#16
Acetone
Concen: 13.114 ug/l
RT: 4.028 min Scan# 413
Delta R.T. 0.012 min
Lab File: VD079300.D
Acq: 01 Jul 2024 17:08

Instrument :
MSVOA_D
ClientSampleId :

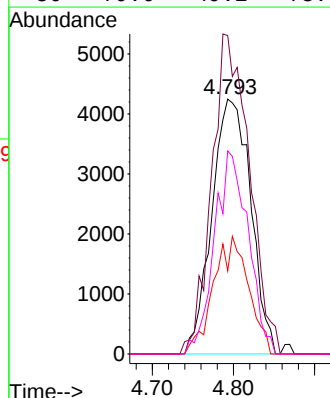
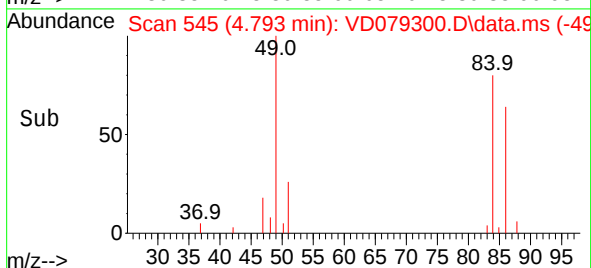
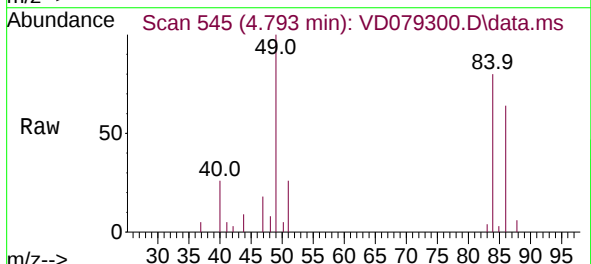


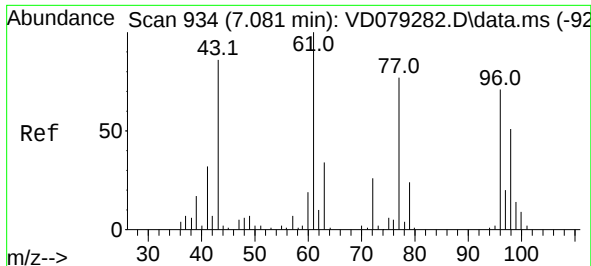
Tgt Ion: 43 Resp: 3654
Ion Ratio Lower Upper
43 100
58 26.3 30.4 45.6#



#20
Methylene Chloride
Concen: 2.037 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.000 min
Lab File: VD079300.D
Acq: 01 Jul 2024 17:08

Tgt Ion: 84 Resp: 14105
Ion Ratio Lower Upper
84 100
49 124.9 75.6 113.4#
51 32.6 24.2 36.2
86 79.6 49.2 73.8#





#25

2-Butanone

Concen: 1.533 ug/l

RT: 7.075 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD079300.D

Acq: 01 Jul 2024 17:08

Instrument :

MSVOA_D

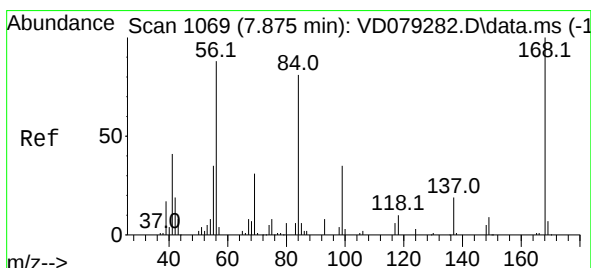
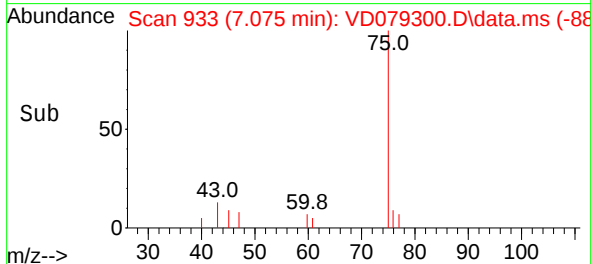
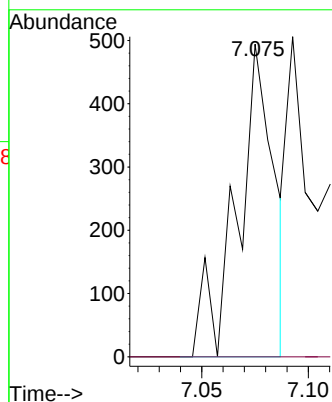
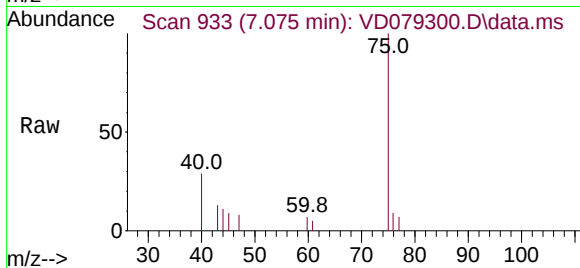
ClientSampleId :

Tgt Ion: 43 Resp: 595

Ion Ratio Lower Upper

43 100

72 0.0 26.4 39.6#



#31

Cyclohexane

Concen: 1.201 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD079300.D

Acq: 01 Jul 2024 17:08

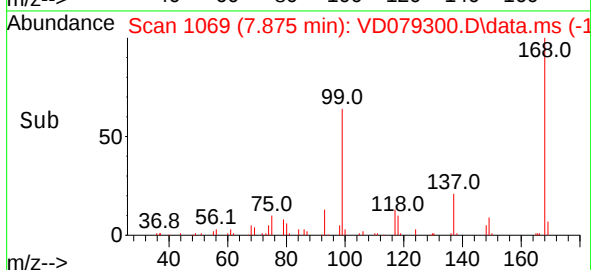
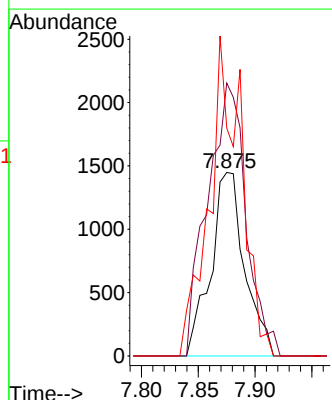
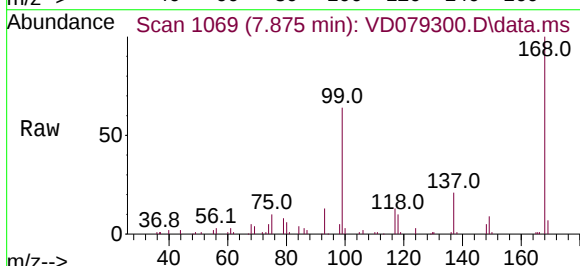
Tgt Ion: 56 Resp: 2997

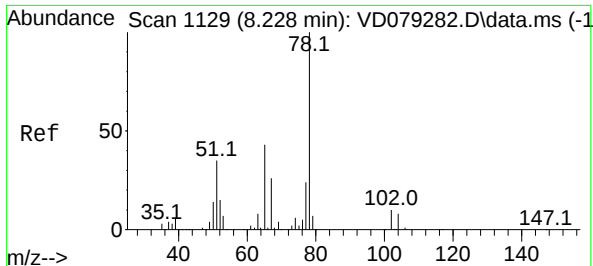
Ion Ratio Lower Upper

56 100

69 148.8 28.0 42.0#

84 124.2 87.4 131.0

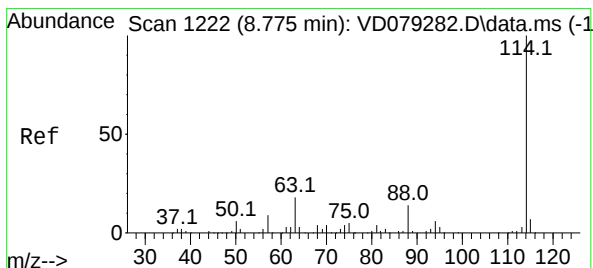
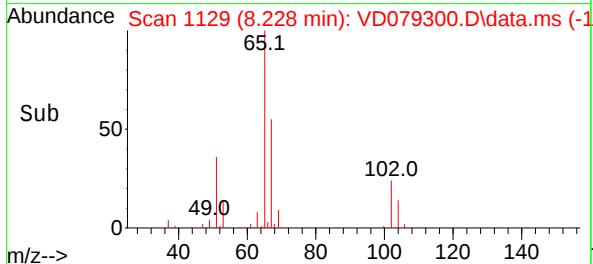
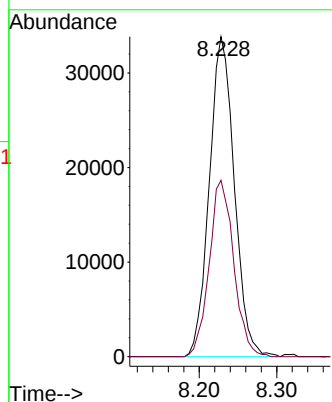
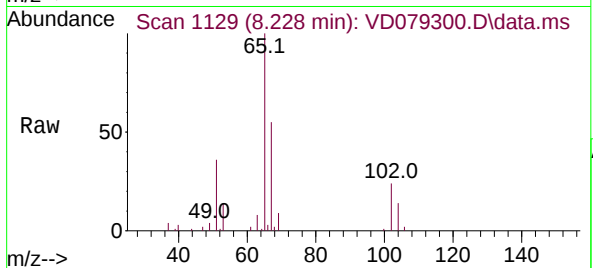




#33
1,2-Dichloroethane-d4
Concen: 67.439 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD079300.D
Acq: 01 Jul 2024 17:08

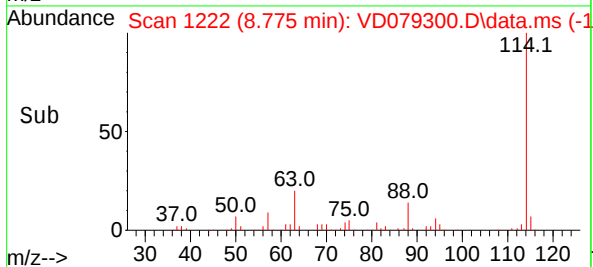
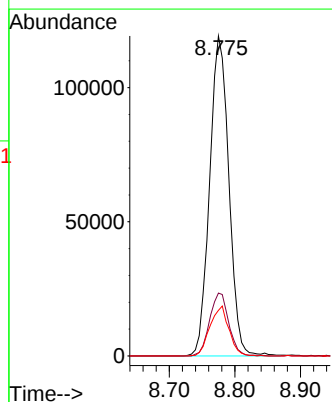
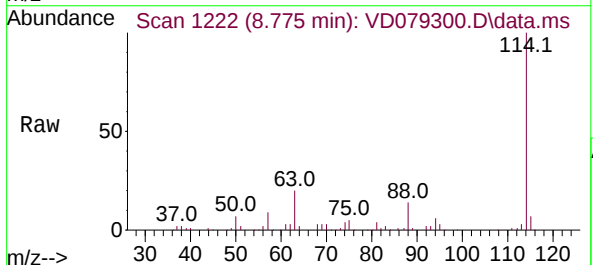
Instrument :
MSVOA_D
ClientSampleId :

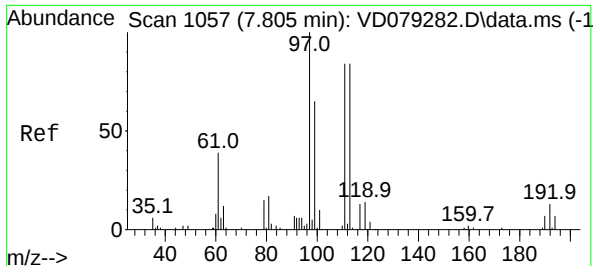
Tgt Ion: 65 Resp: 75786
Ion Ratio Lower Upper
65 100
67 54.1 0.0 111.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD079300.D
Acq: 01 Jul 2024 17:08

Tgt Ion:114 Resp: 243137
Ion Ratio Lower Upper
114 100
63 19.7 0.0 34.0
88 14.3 0.0 27.2





#35

Dibromofluoromethane

Concen: 53.807 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079300.D

Acq: 01 Jul 2024 17:08

Instrument :

MSVOA_D

ClientSampleId :

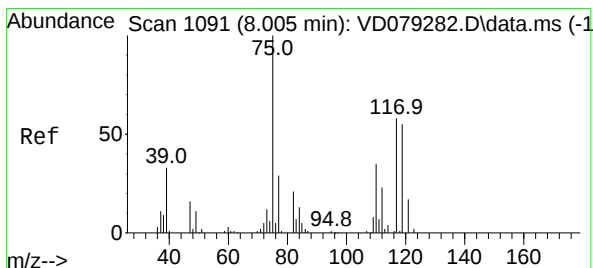
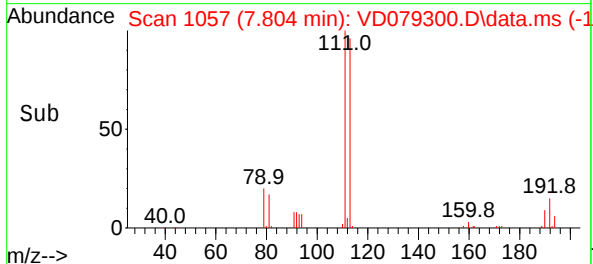
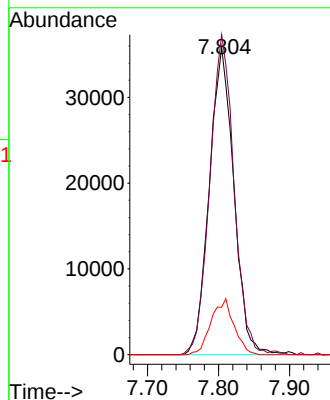
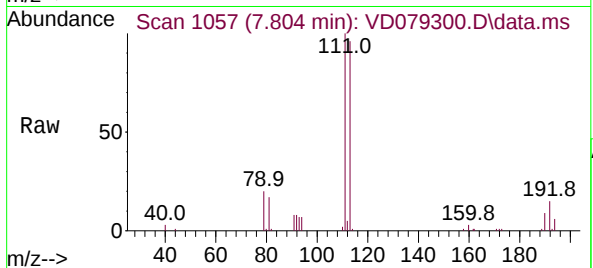
Tgt Ion:113 Resp: 85873

Ion Ratio Lower Upper

113 100

111 102.1 84.0 126.0

192 17.0 15.4 23.0



#36

1,1-Dichloropropene

Concen: 4.542 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.130 min

Lab File: VD079300.D

Acq: 01 Jul 2024 17:08

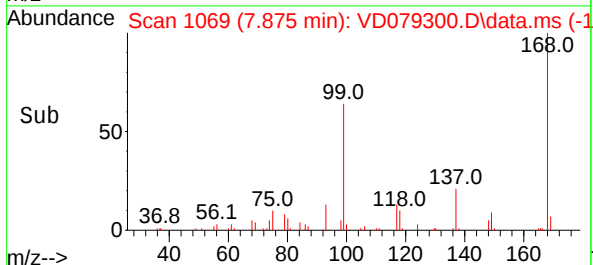
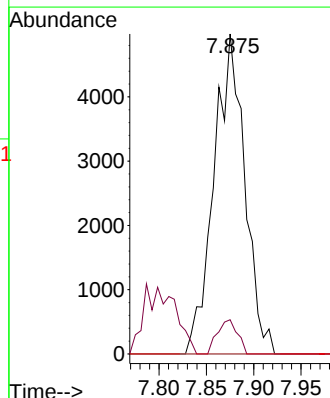
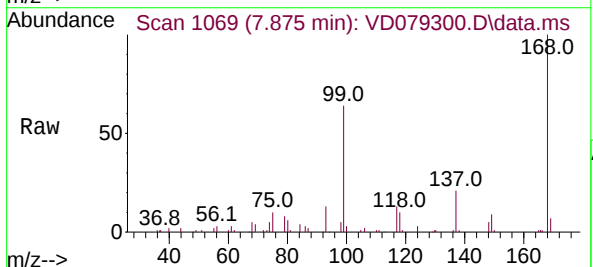
Tgt Ion: 75 Resp: 11262

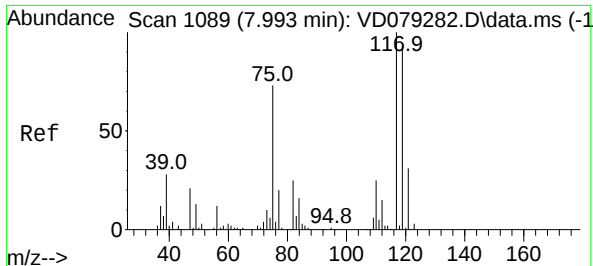
Ion Ratio Lower Upper

75 100

110 7.0 19.6 58.7#

77 0.0 26.1 39.1#





#38

Carbon Tetrachloride

Concen: 5.283 ug/l

RT: 7.875 min Scan# 1

Delta R.T. -0.112 min

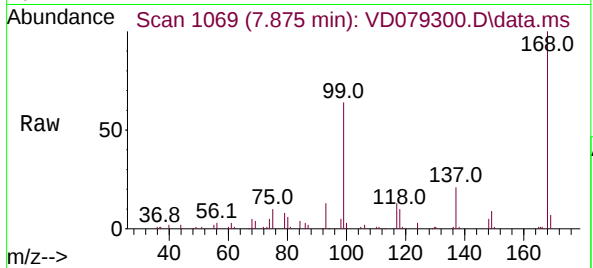
Lab File: VD079300.D

Acq: 01 Jul 2024 17:08

Instrument :

MSVOA_D

ClientSampleId :



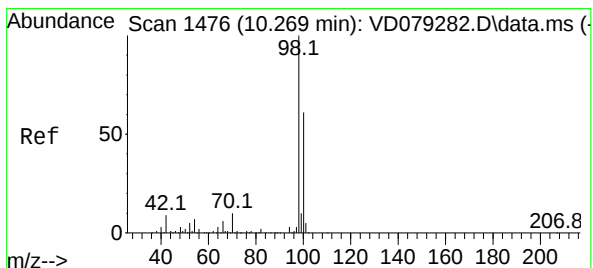
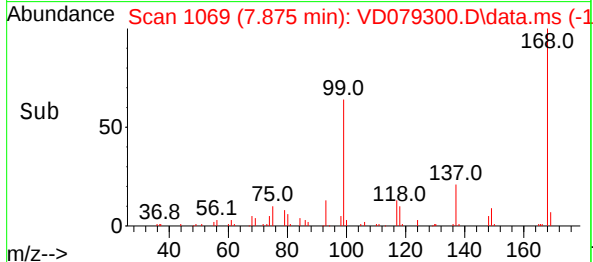
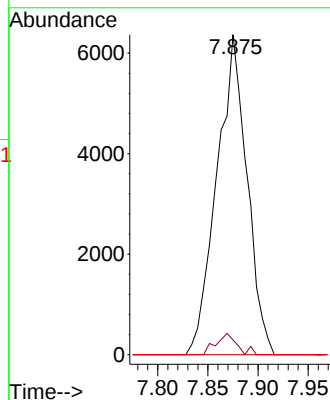
Tgt Ion:117 Resp: 13302

Ion Ratio Lower Upper

117 100

119 4.6 75.4 113.0#

121 0.0 25.0 37.4#



#50

Toluene-d8

Concen: 41.875 ug/l

RT: 10.263 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VD079300.D

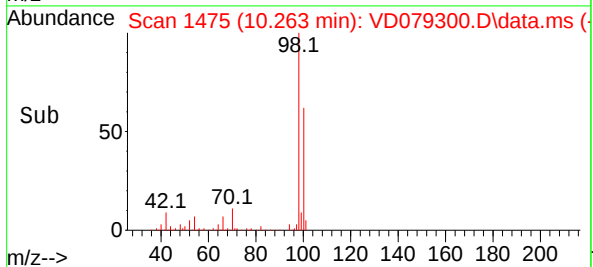
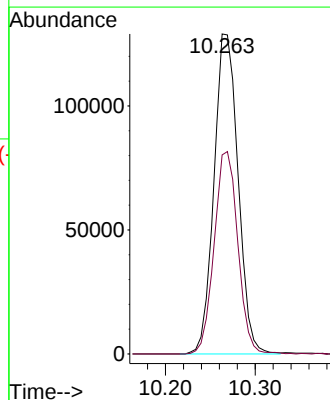
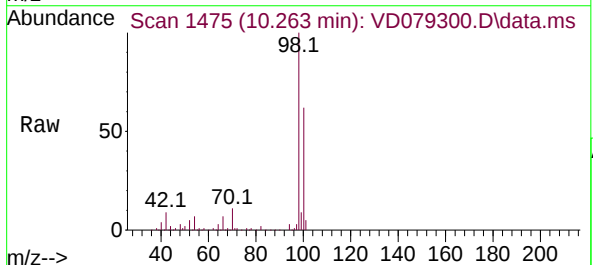
Acq: 01 Jul 2024 17:08

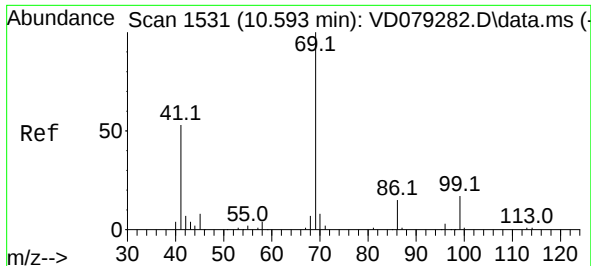
Tgt Ion: 98 Resp: 240420

Ion Ratio Lower Upper

98 100

100 62.2 51.6 77.4

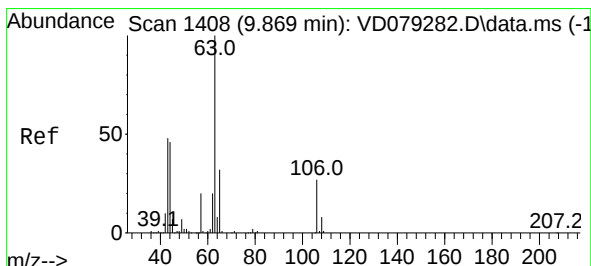
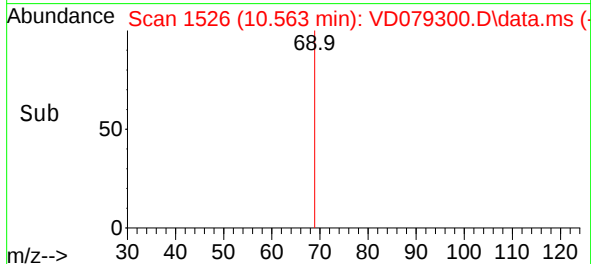
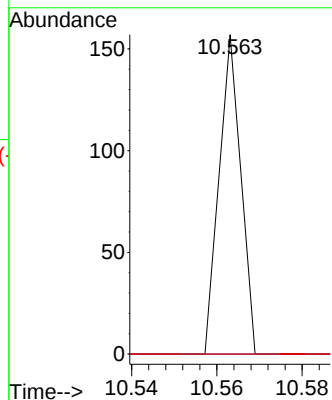
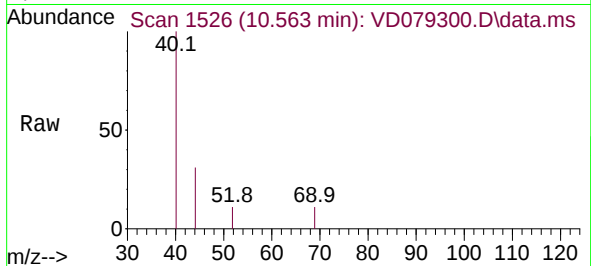




#56
Ethyl methacrylate
Concen: 3.748 ug/l
RT: 10.563 min Scan# 1526
Delta R.T. -0.030 min
Lab File: VD079300.D
Acq: 01 Jul 2024 17:08

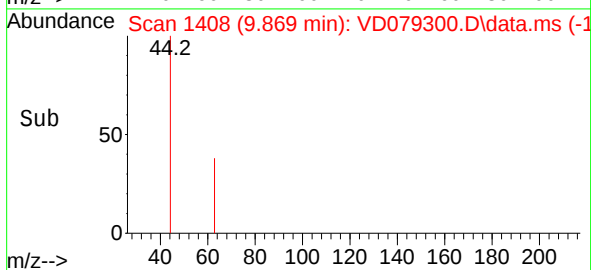
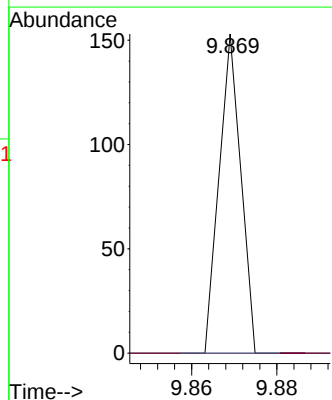
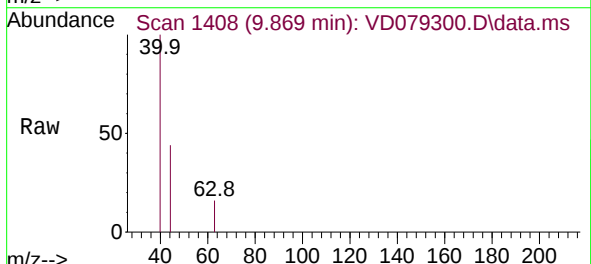
Instrument :
MSVOA_D
ClientSampleId :

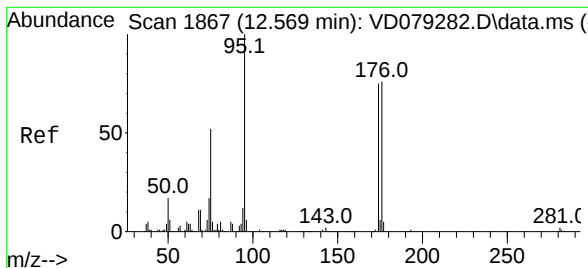
Tgt Ion	Ratio	Lower	Upper
69	100		
41	0.0	39.8	59.6#
39	0.0	20.2	30.4#



#58
2-Chloroethyl Vinyl ether
Concen: 19.528 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD079300.D
Acq: 01 Jul 2024 17:08

Tgt Ion	Ratio	Lower	Upper
63	100		
106	0.0	26.4	39.6#

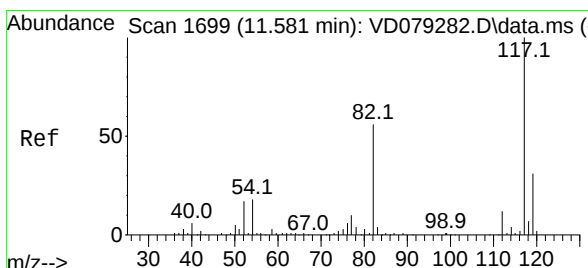
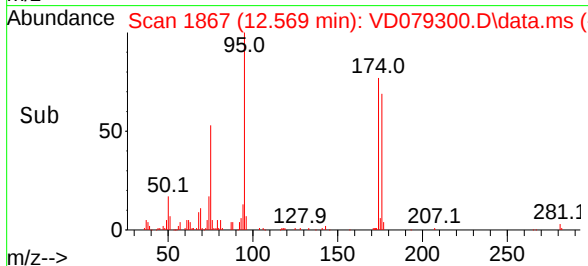
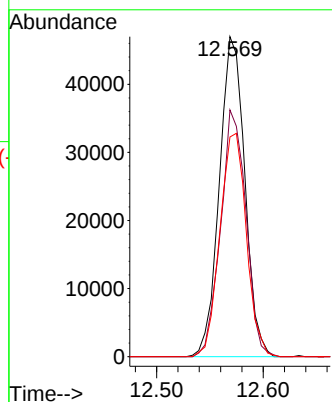
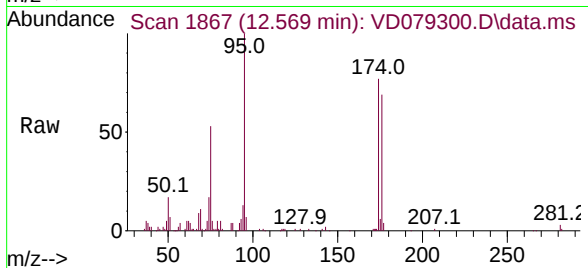




#62
4-Bromofluorobenzene
Concen: 42.237 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079300.D
Acq: 01 Jul 2024 17:08

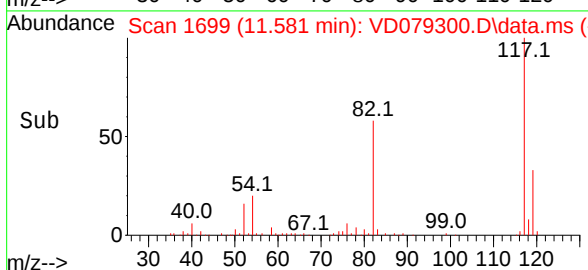
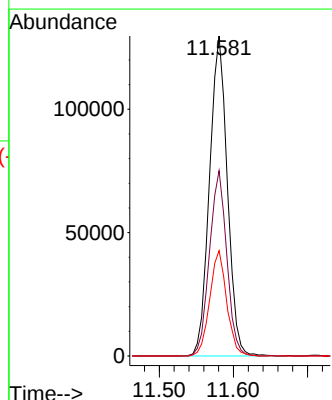
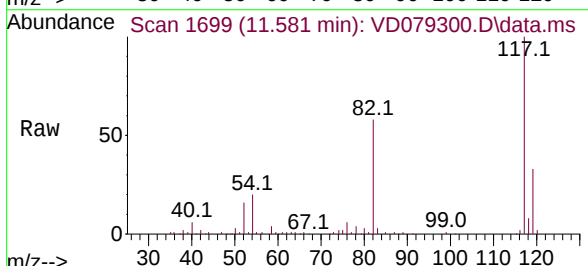
Instrument :
MSVOA_D
ClientSampleId :

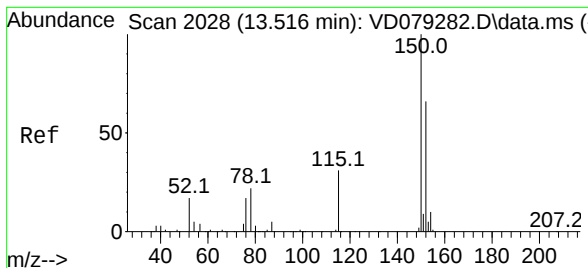
Tgt Ion:	95	Resp:	77761
Ion	Ratio	Lower	Upper
95	100		
174	76.7	0.0	195.4
176	72.8	0.0	192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079300.D
Acq: 01 Jul 2024 17:08

Tgt Ion:	117	Resp:	216422
Ion	Ratio	Lower	Upper
117	100		
82	57.9	39.8	59.6
119	32.9	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

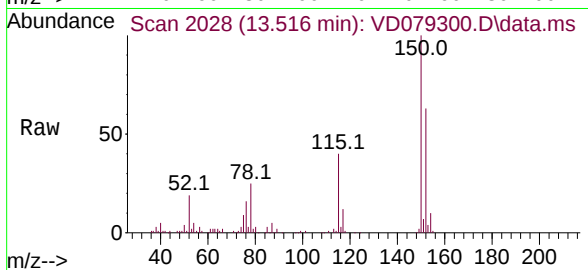
Lab File: VD079300.D

Acq: 01 Jul 2024 17:08

Instrument :

MSVOA_D

ClientSampleId :



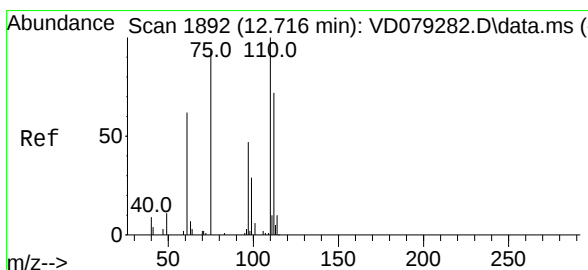
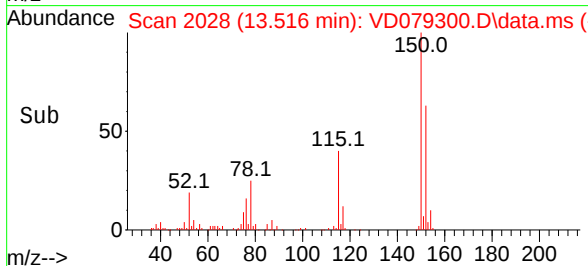
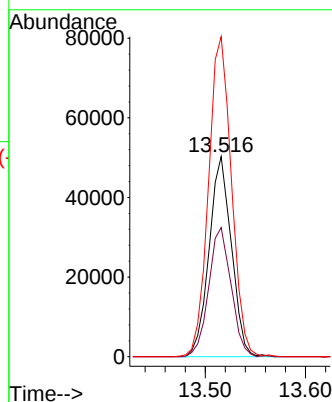
Tgt Ion:152 Resp: 77767

Ion Ratio Lower Upper

152 100

115 64.8 26.5 79.5

150 164.5 0.0 341.6



#76

1,2,3-Trichloropropane

Concen: 52.344 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.153 min

Lab File: VD079300.D

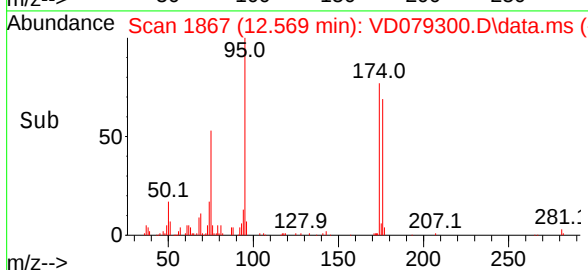
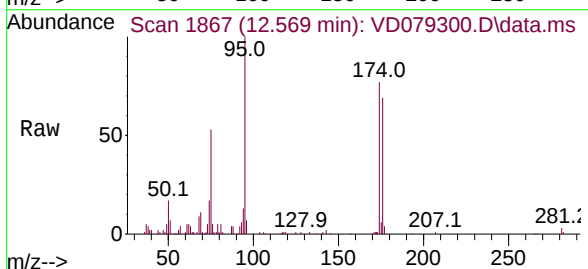
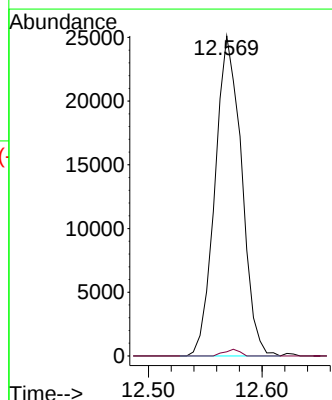
Acq: 01 Jul 2024 17:08

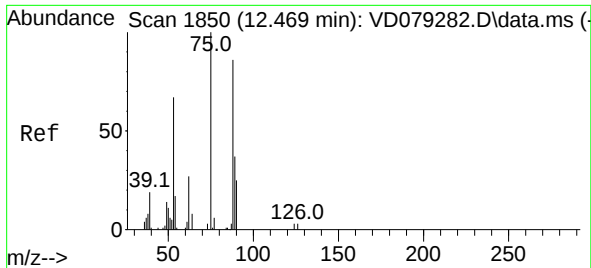
Tgt Ion: 75 Resp: 40737

Ion Ratio Lower Upper

75 100

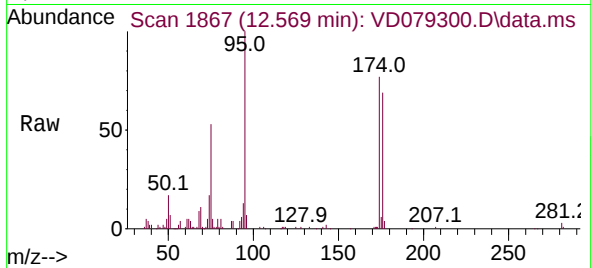
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 97.130 ug/l
 RT: 12.569 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD079300.D
 Acq: 01 Jul 2024 17:08

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 40737
 Ion Ratio Lower Upper
 75 100
 53 0.2 61.4 92.2#
 89 0.0 35.4 53.0#

