

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081324\
 Data File : VD079714.D
 Acq On : 13 Aug 2024 11:10
 Operator : RP/MD
 Sample : VD0813SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 14 05:49:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 13 01:06:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	172374	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	345882	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	309100	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	127752	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	105738	53.319	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.640%
35) Dibromofluoromethane	7.805	113	102221	47.939	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.880%
50) Toluene-d8	10.269	98	406193	45.578	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.160%
62) 4-Bromofluorobenzene	12.569	95	102194	40.954	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	81.900%

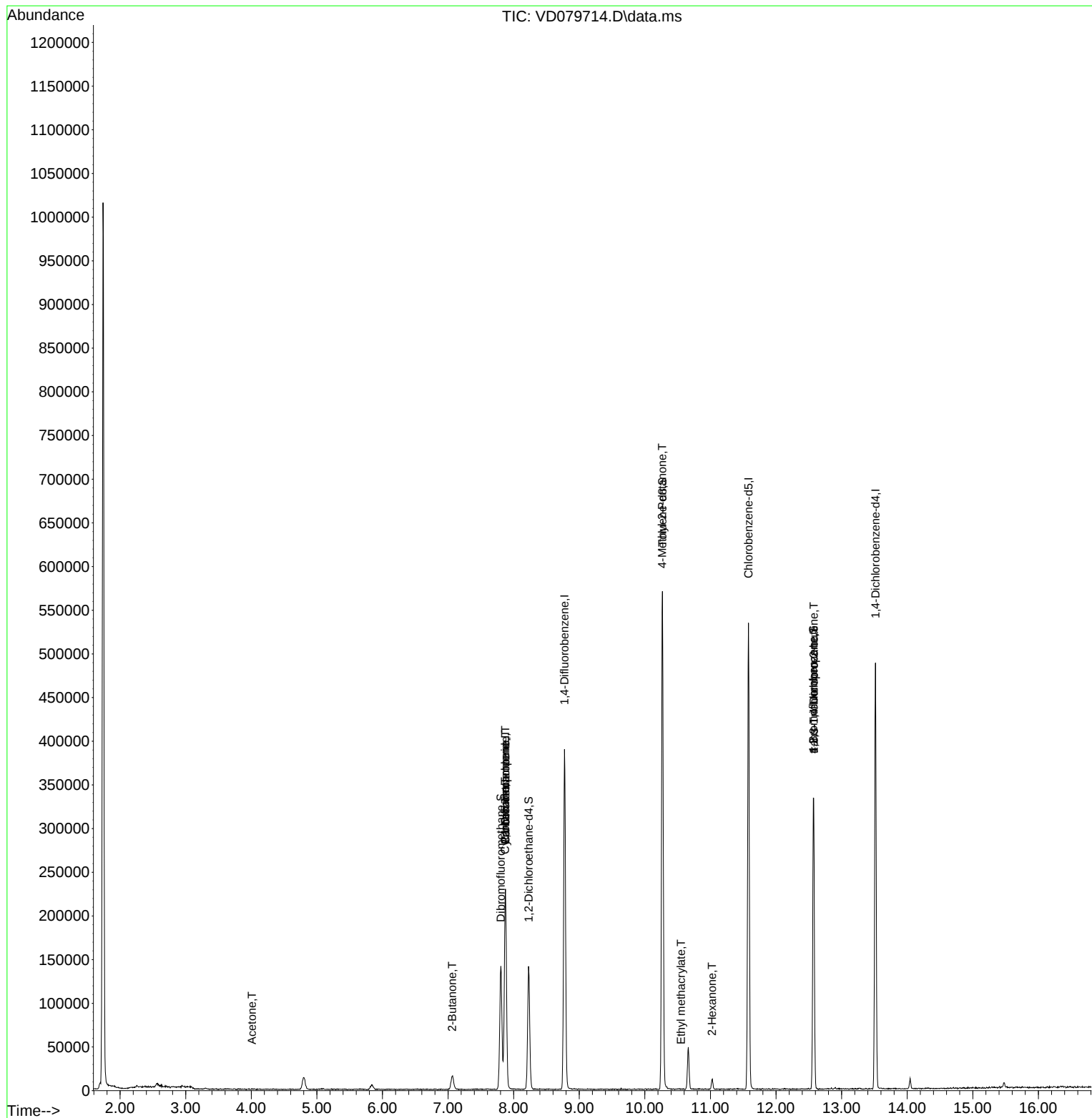
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	63	Below Cal	#	43
11) Tert butyl alcohol	5.075	59	63	Below Cal	#	86
16) Acetone	4.011	43	480	17.013	ug/l #	37
20) Methylene Chloride	4.805	84	10898	Below Cal		96
25) 2-Butanone	7.063	43	646	1.059	ug/l #	42
31) Cyclohexane	7.869	56	4102	1.132	ug/l #	51
36) 1,1-Dichloropropene	7.875	75	14751	4.463	ug/l #	48
38) Carbon Tetrachloride	7.875	117	17387	5.182	ug/l #	16
51) 4-Methyl-2-Pentanone	10.263	43	1568	1.168	ug/l #	1
56) Ethyl methacrylate	10.551	69	61	1.034	ug/l #	35
59) 2-Hexanone	11.022	43	129	8.074	ug/l #	19
76) 1,2,3-Trichloropropane	12.575	75	53555	51.423	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	53555	87.631	ug/l #	19

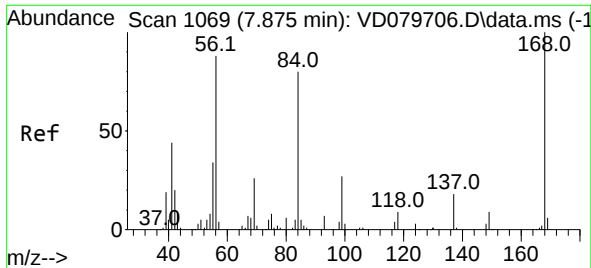
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 14 05:49:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081224S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 13 01:06:11 2024
Response via : Initial Calibration

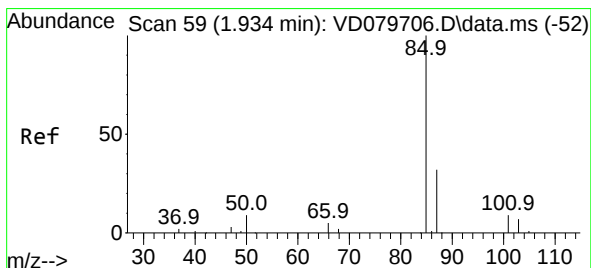
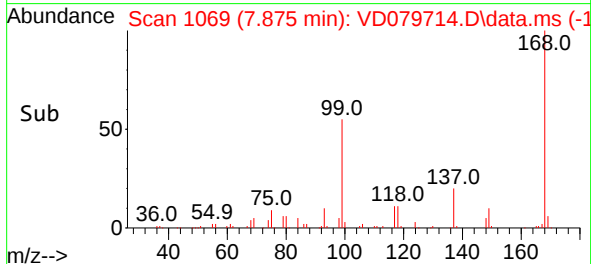
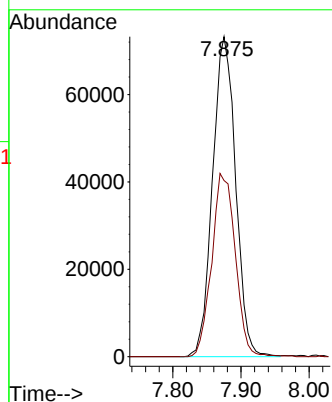
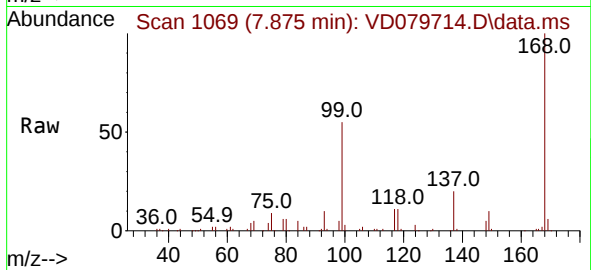




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD079714.D
Acq: 13 Aug 2024 11:10

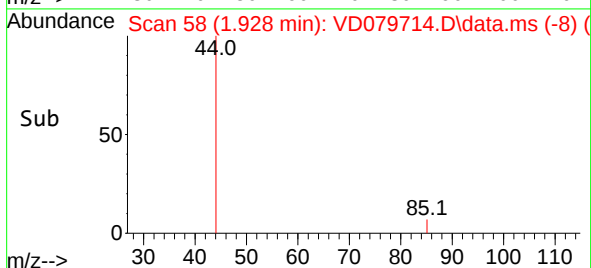
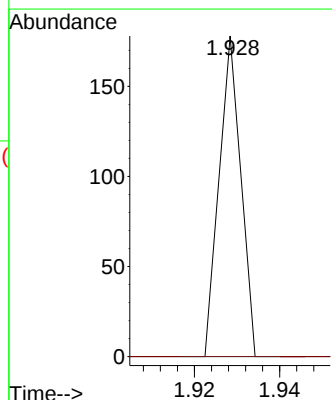
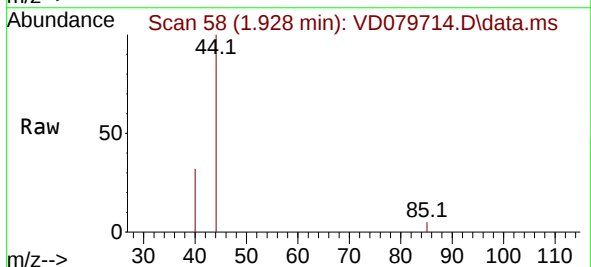
Instrument :
MSVOA_D
ClientSampleId :

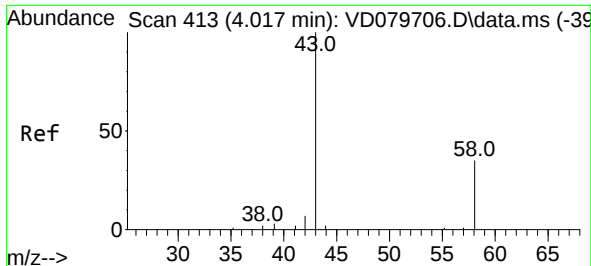
Tgt Ion:168 Resp: 172374
Ion Ratio Lower Upper
168 100
99 55.0 41.1 61.7



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.928 min Scan# 58
Delta R.T. -0.006 min
Lab File: VD079714.D
Acq: 13 Aug 2024 11:10

Tgt Ion: 85 Resp: 63
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#

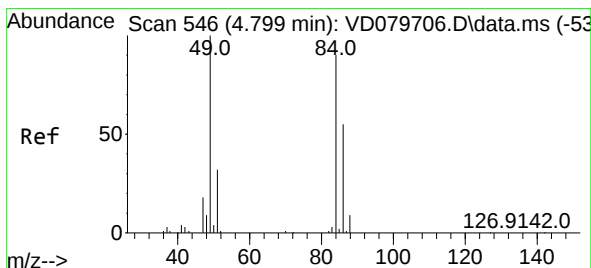
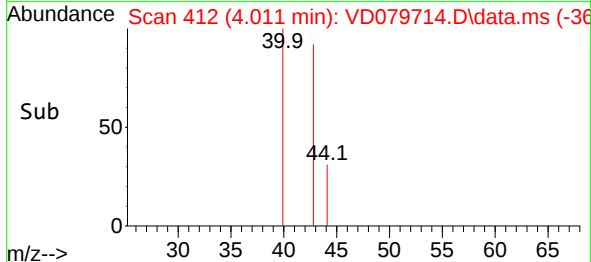
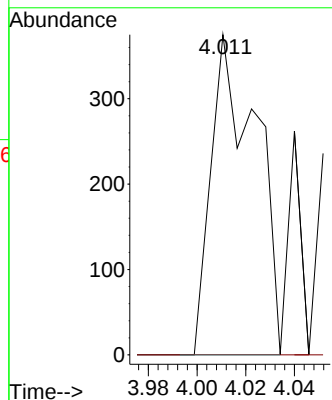
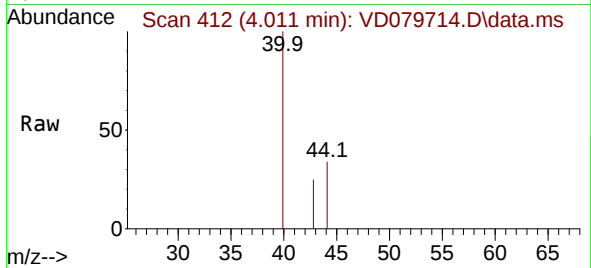




#16
Acetone
Concen: 17.013 ug/l
RT: 4.011 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD079714.D
Acq: 13 Aug 2024 11:10

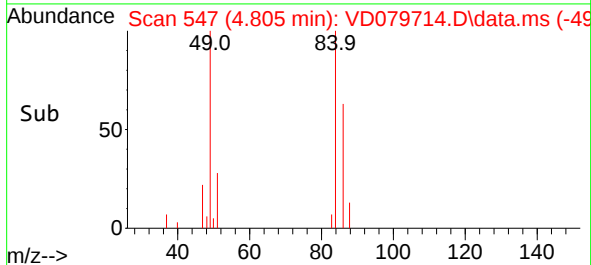
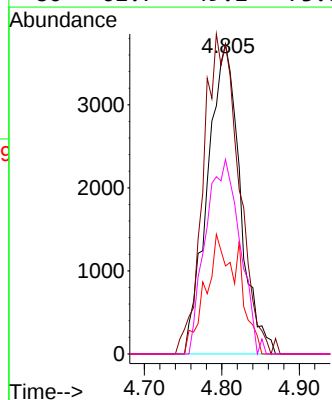
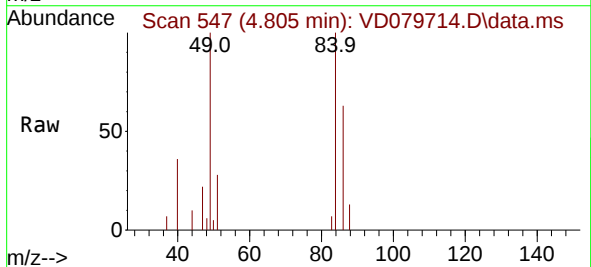
Instrument :
MSVOA_D
ClientSampleId :

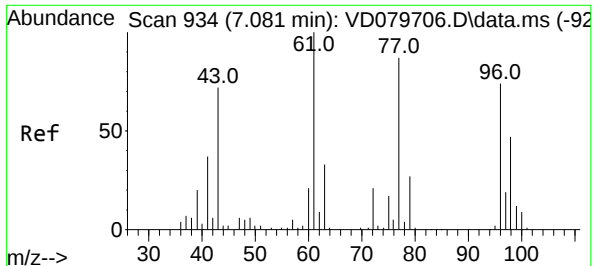
Tgt Ion: 43 Resp: 480
Ion Ratio Lower Upper
43 100
58 0.0 30.4 45.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD079714.D
Acq: 13 Aug 2024 11:10

Tgt Ion: 84 Resp: 10898
Ion Ratio Lower Upper
84 100
49 99.7 75.6 113.4
51 28.4 24.2 36.2
86 62.7 49.2 73.8

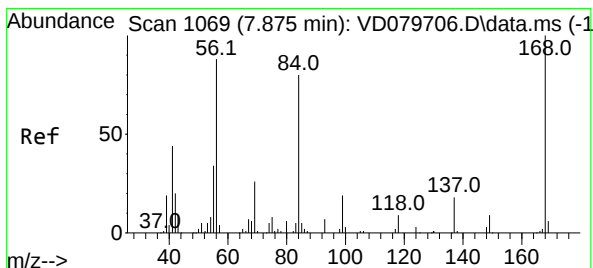
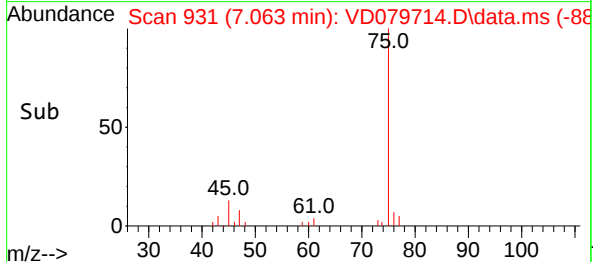
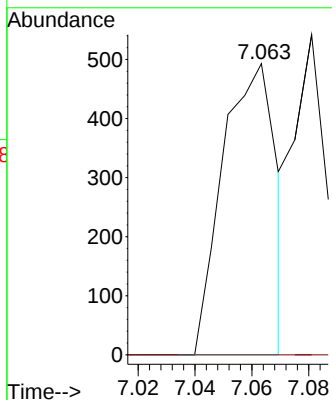
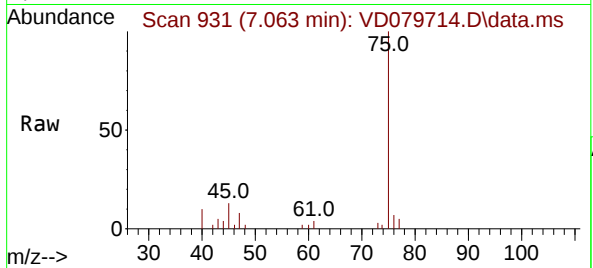




#25
2-Butanone
Concen: 1.059 ug/l
RT: 7.063 min Scan# 91
Delta R.T. -0.018 min
Lab File: VD079714.D
Acq: 13 Aug 2024 11:10

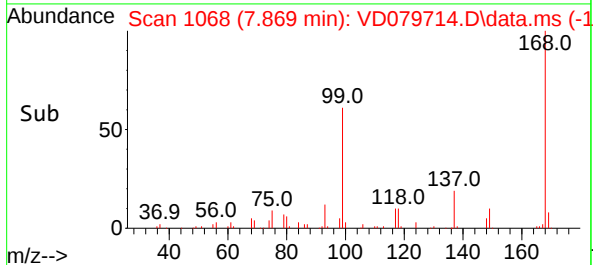
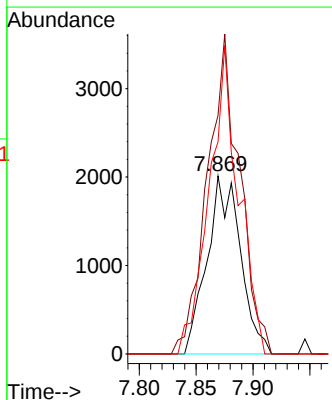
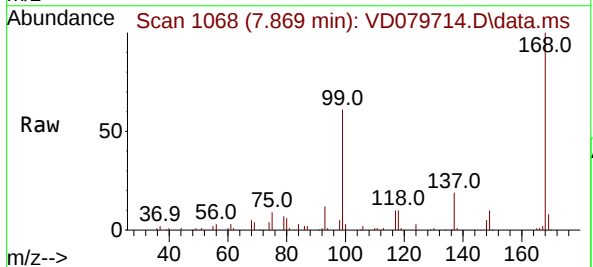
Instrument :
MSVOA_D
ClientSampleId :

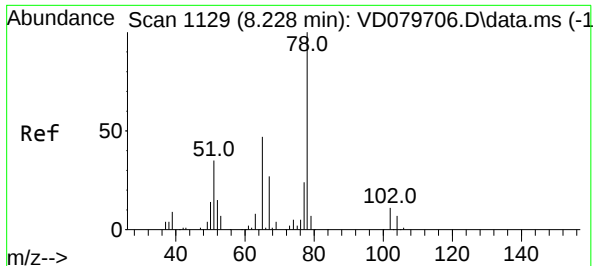
Tgt Ion: 43 Resp: 646
Ion Ratio Lower Upper
43 100
72 0.0 26.4 39.6#



#31
Cyclohexane
Concen: 1.132 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD079714.D
Acq: 13 Aug 2024 11:10

Tgt Ion: 56 Resp: 4102
Ion Ratio Lower Upper
56 100
69 134.1 28.0 42.0#
84 119.3 87.4 131.0

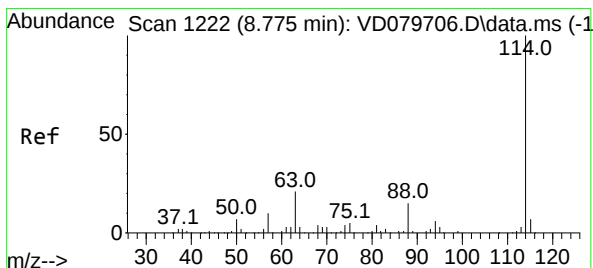
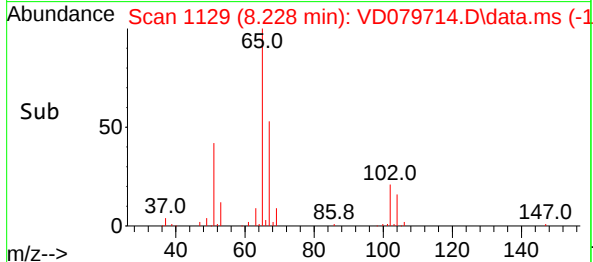
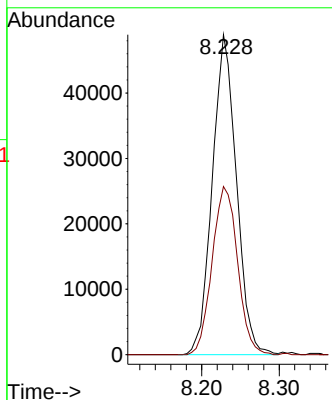
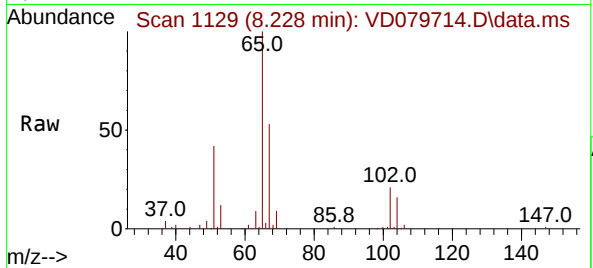




#33
 1,2-Dichloroethane-d4
 Concen: 53.319 ug/l
 RT: 8.228 min Scan# 1129
 Delta R.T. -0.000 min
 Lab File: VD079714.D
 Acq: 13 Aug 2024 11:10

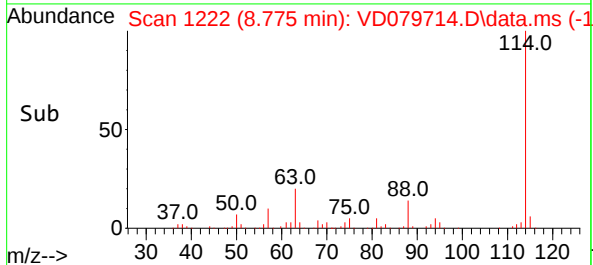
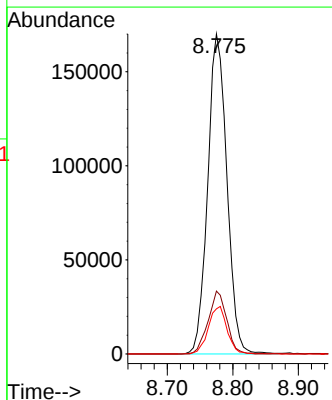
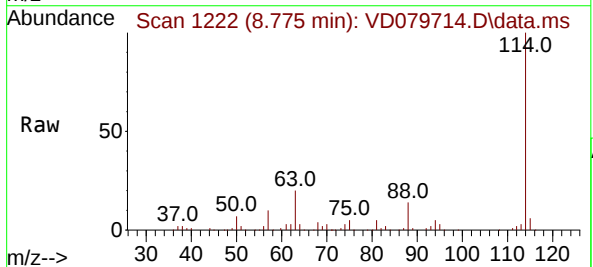
Instrument :
 MSVOA_D
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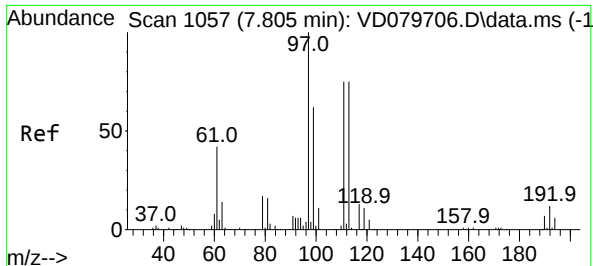
Tgt Ion: 65 Resp: 105738
 Ion Ratio Lower Upper
 65 100
 67 55.5 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.775 min Scan# 1222
 Delta R.T. -0.000 min
 Lab File: VD079714.D
 Acq: 13 Aug 2024 11:10

Tgt Ion:114 Resp: 345882
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 34.0
 88 14.1 0.0 27.2





#35

Dibromofluoromethane

Concen: 47.939 ug/l

RT: 7.805 min Scan# 1069

Delta R.T. -0.000 min

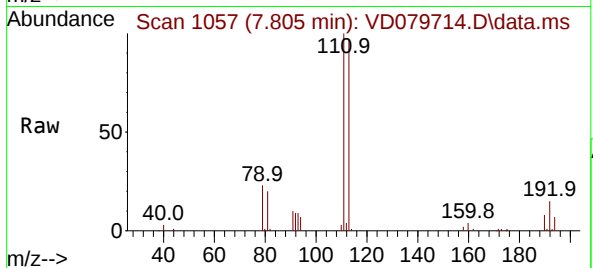
Lab File: VD079714.D

Acq: 13 Aug 2024 11:10

Instrument :

MSVOA_D

ClientSampleId :



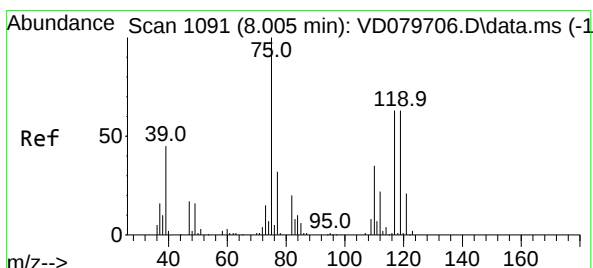
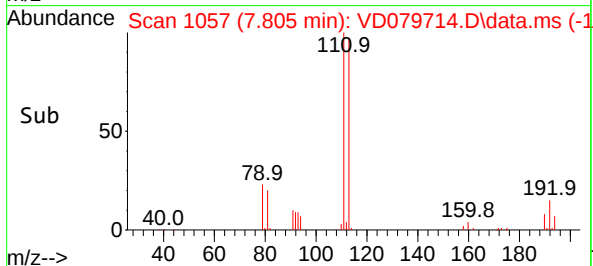
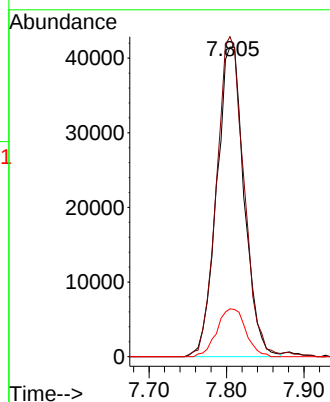
Tgt Ion:113 Resp: 102221

Ion Ratio Lower Upper

113 100

111 103.1 84.0 126.0

192 16.3 15.4 23.0



#36

1,1-Dichloropropene

Concen: 4.463 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.129 min

Lab File: VD079714.D

Acq: 13 Aug 2024 11:10

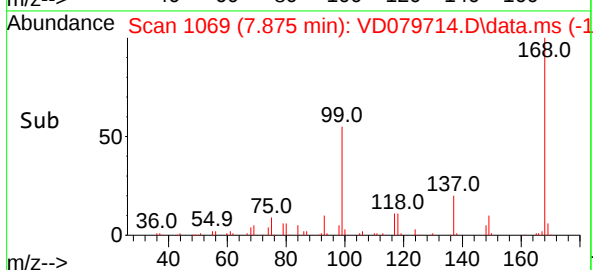
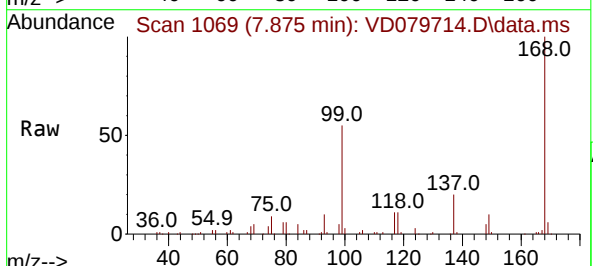
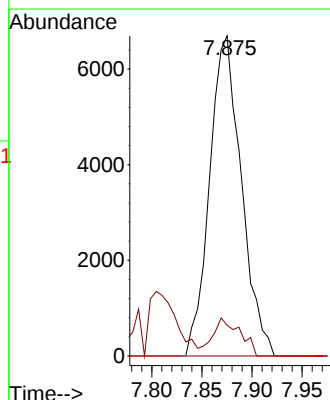
Tgt Ion: 75 Resp: 14751

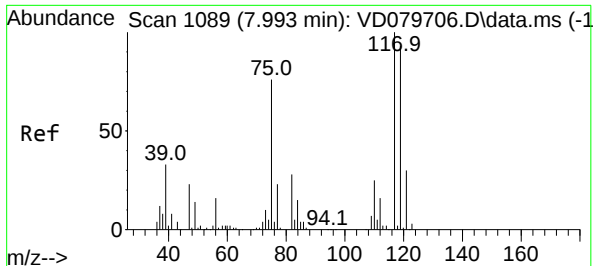
Ion Ratio Lower Upper

75 100

110 10.3 19.6 58.7#

77 0.0 26.1 39.1#





#38

Carbon Tetrachloride

Concen: 5.182 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

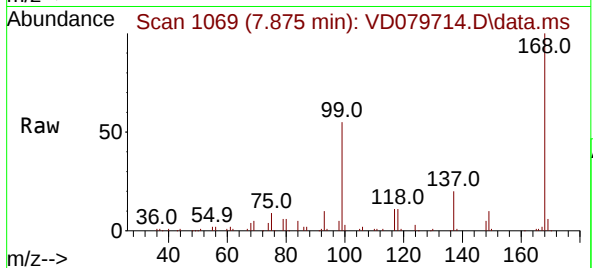
Lab File: VD079714.D

Acq: 13 Aug 2024 11:10

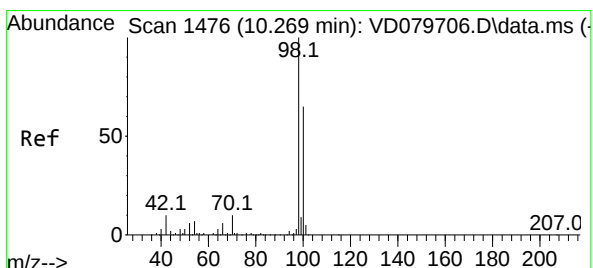
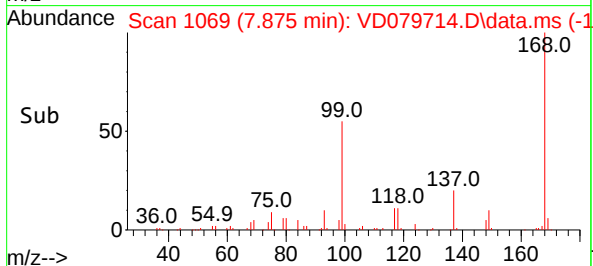
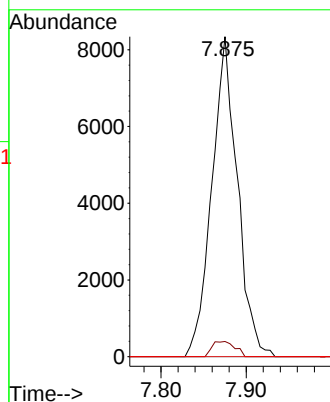
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:117	Resp:	17387
Ion	Ratio	Lower Upper
117	100	
119	4.7	75.4 113.0#
121	0.0	25.0 37.4#



#50

Toluene-d8

Concen: 45.578 ug/l

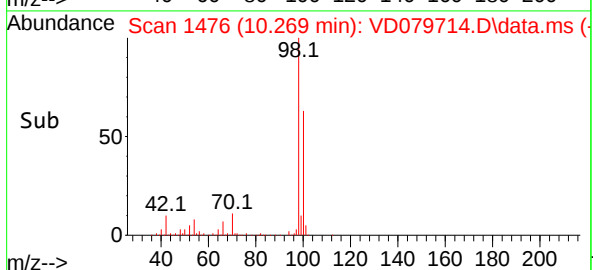
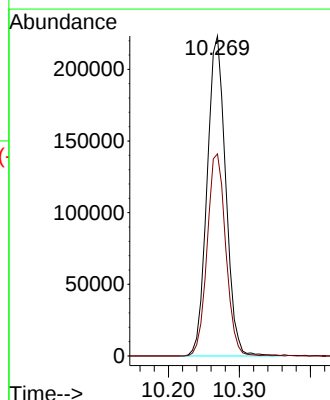
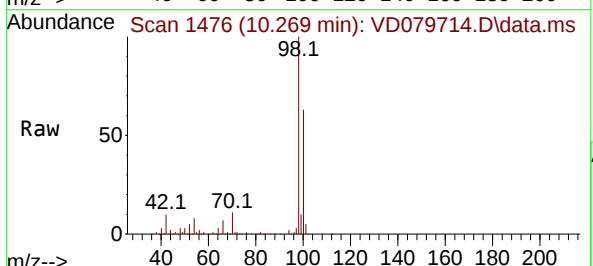
RT: 10.269 min Scan# 1476

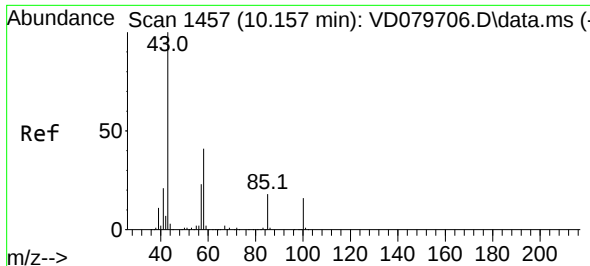
Delta R.T. -0.000 min

Lab File: VD079714.D

Acq: 13 Aug 2024 11:10

Tgt Ion: 98	Resp:	406193
Ion	Ratio	Lower Upper
98	100	
100	63.2	51.6 77.4

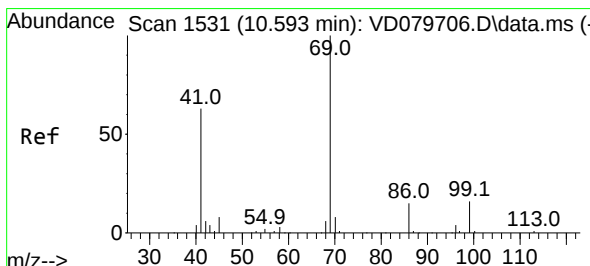
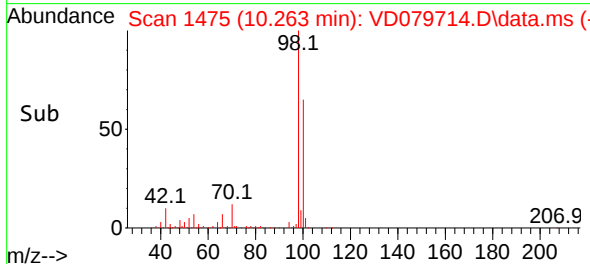
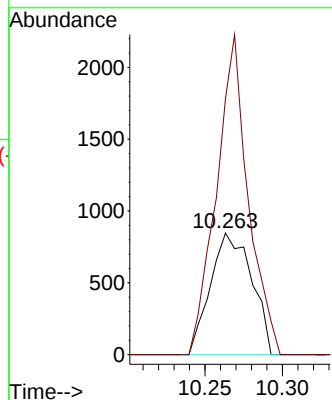
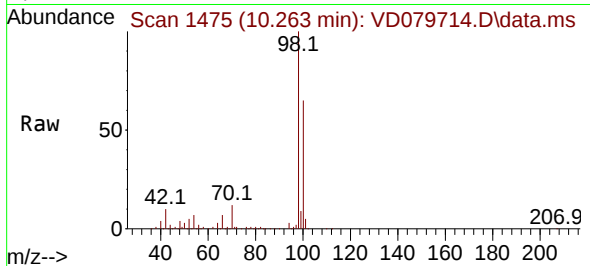




#51
4-Methyl-2-Pentanone
Concen: 1.168 ug/l
RT: 10.263 min Scan# 1457
Delta R.T. 0.106 min
Lab File: VD079714.D
Acq: 13 Aug 2024 11:10

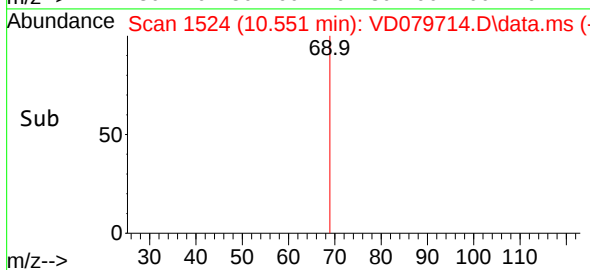
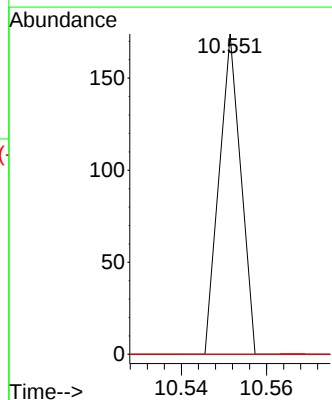
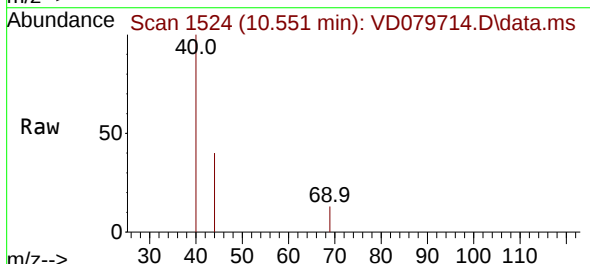
Instrument :
MSVOA_D
ClientSampleId :

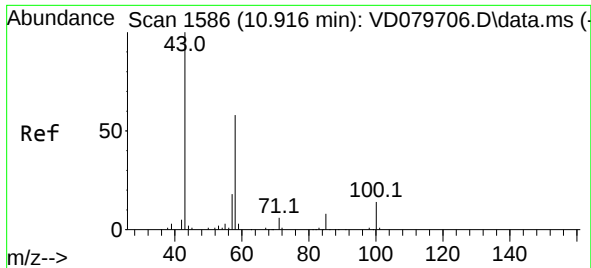
Tgt Ion: 43 Resp: 1568
Ion Ratio Lower Upper
43 100
58 202.7 36.6 55.0#



#56
Ethyl methacrylate
Concen: 1.034 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. -0.042 min
Lab File: VD079714.D
Acq: 13 Aug 2024 11:10

Tgt Ion: 69 Resp: 61
Ion Ratio Lower Upper
69 100
41 0.0 39.8 59.6#
39 0.0 20.2 30.4#

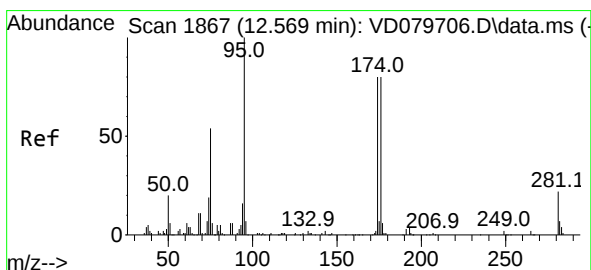
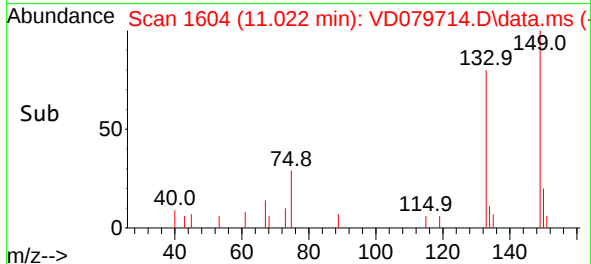
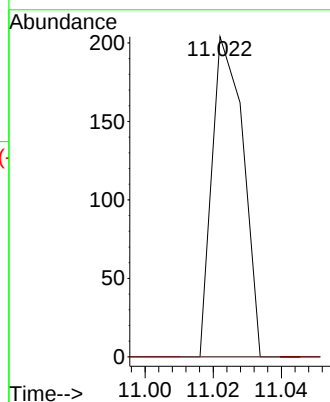
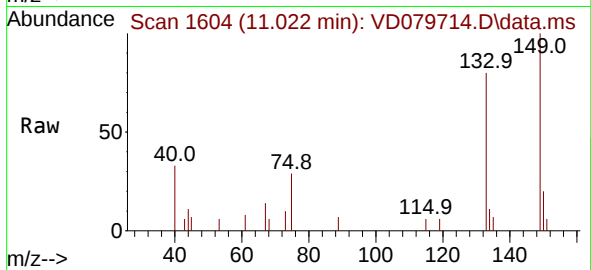




#59
2-Hexanone
Concen: 8.074 ug/l
RT: 11.022 min Scan# 110
Delta R.T. 0.106 min
Lab File: VD079714.D
Acq: 13 Aug 2024 11:10

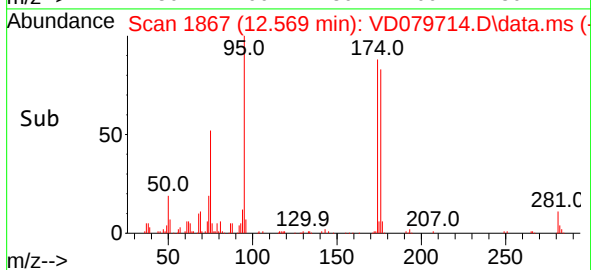
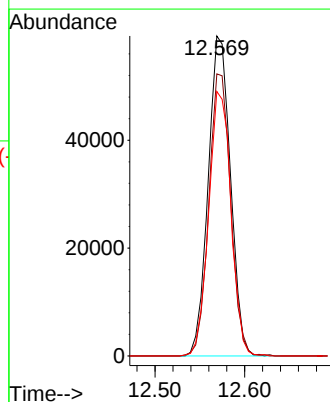
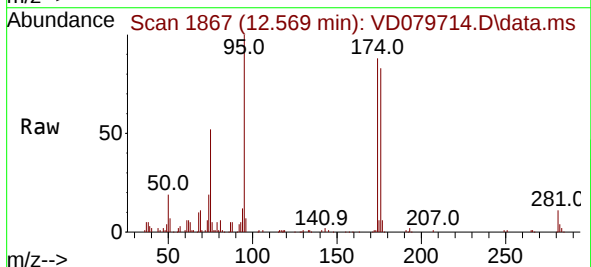
Instrument :
MSVOA_D
ClientSampleId :

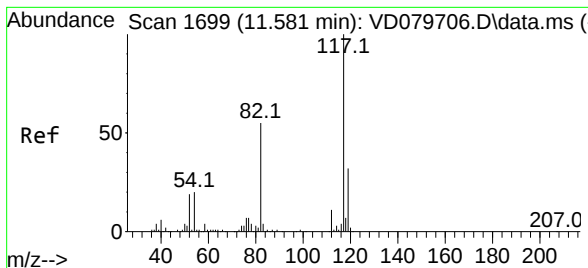
Tgt Ion: 43 Resp: 129
Ion Ratio Lower Upper
43 100
58 0.0 31.1 93.5#



#62
4-Bromofluorobenzene
Concen: 40.954 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079714.D
Acq: 13 Aug 2024 11:10

Tgt Ion: 95 Resp: 102194
Ion Ratio Lower Upper
95 100
174 86.3 0.0 195.4
176 82.7 0.0 192.6

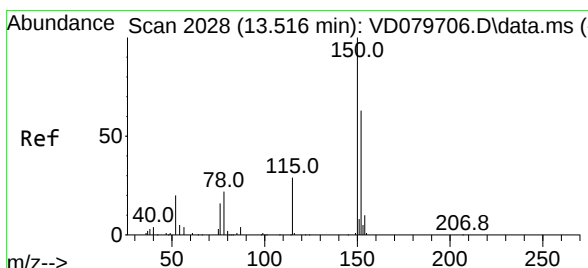
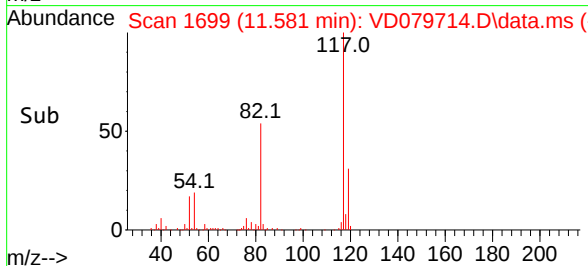
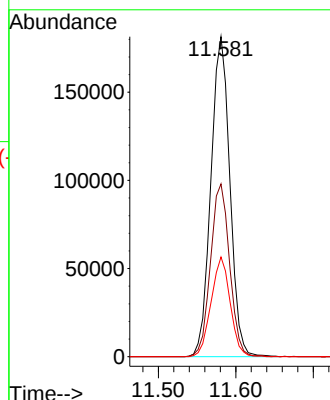
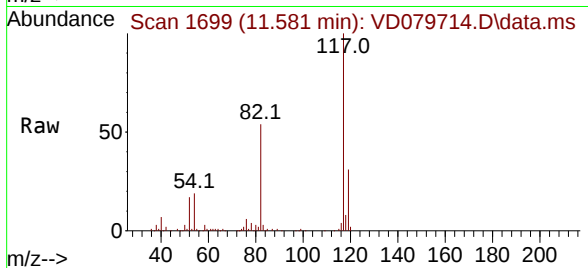




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079714.D
Acq: 13 Aug 2024 11:10

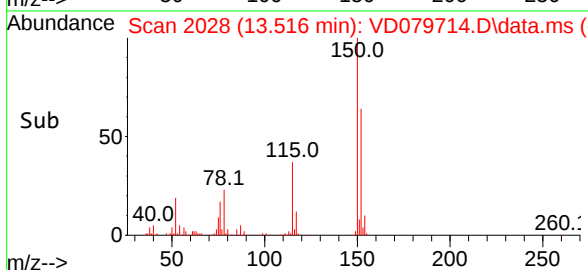
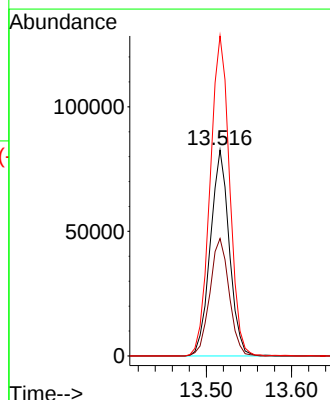
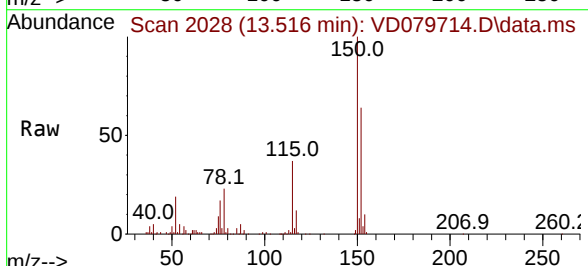
Instrument :
MSVOA_D
ClientSampleId :

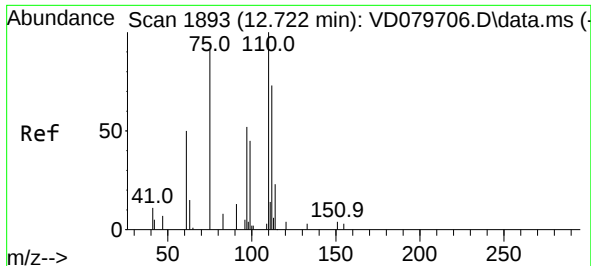
Tgt Ion:117 Resp: 309100
Ion Ratio Lower Upper
117 100
82 54.0 39.8 59.6
119 31.1 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD079714.D
Acq: 13 Aug 2024 11:10

Tgt Ion:152 Resp: 127752
Ion Ratio Lower Upper
152 100
115 58.1 26.5 79.5
150 159.3 0.0 341.6

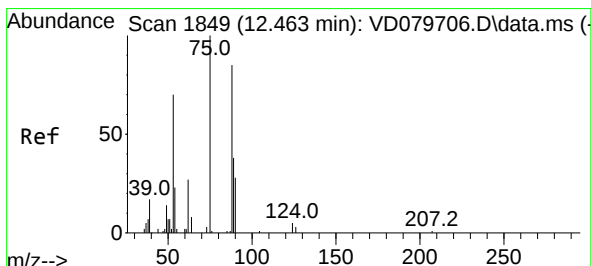
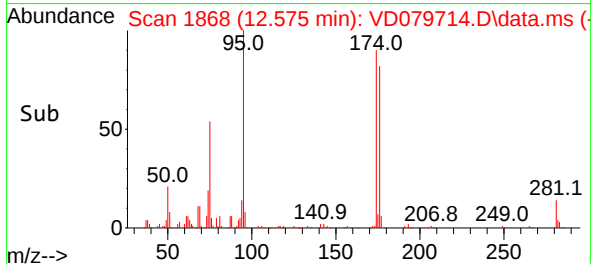
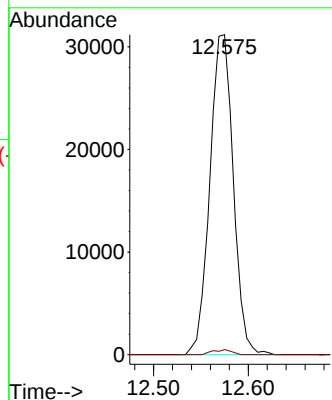
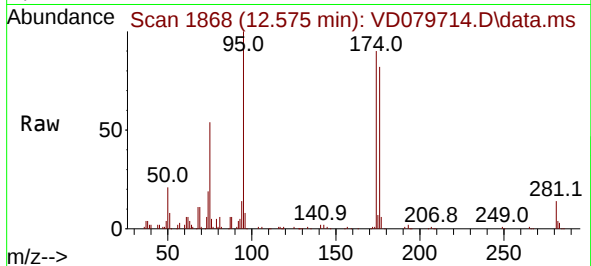




#76
1,2,3-Trichloropropane
Concen: 51.423 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD079714.D
Acq: 13 Aug 2024 11:10

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 53555
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.631 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.112 min
Lab File: VD079714.D
Acq: 13 Aug 2024 11:10

Tgt Ion: 75 Resp: 53555
Ion Ratio Lower Upper
75 100
53 0.3 61.4 92.2#
89 0.0 35.4 53.0#

