

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD083024\
 Data File : VD079762.D
 Acq On : 30 Aug 2024 18:33
 Operator : RP/MD
 Sample : P3794-03
 Misc : 5.09G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 31 04:47:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D083024S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 15:57:30 2024
 Response via : Initial Calibration

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

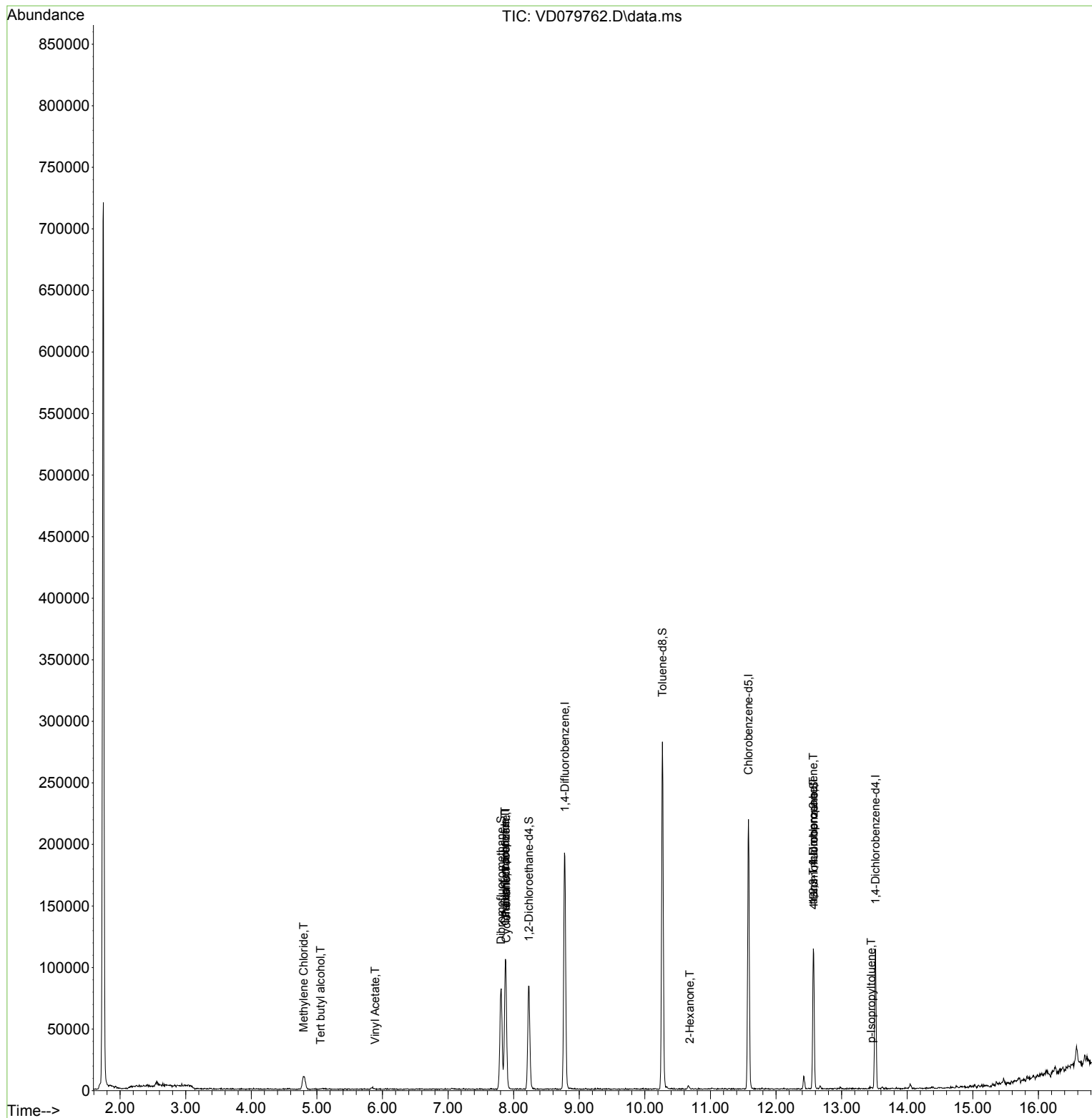
Internal Standards						
1) Pentafluorobenzene	7.881	168	75032	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	173869	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	125166	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	29389	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	64785	63.325	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.660%	
35) Dibromofluoromethane	7.810	113	60871	53.862	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.720%	
50) Toluene-d8	10.269	98	198893	41.035	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 82.080%	
62) 4-Bromofluorobenzene	12.575	95	36699	27.060	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 54.120%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.058	59	602	11.932	ug/l #	86
20) Methylene Chloride	4.799	84	8367	4.188	ug/l #	88
23) Vinyl Acetate	5.887	43	61	2.545	ug/l #	63
31) Cyclohexane	7.887	56	2059	1.204	ug/l #	63
36) 1,1-Dichloropropene	7.869	75	7093	4.234	ug/l #	45
38) Carbon Tetrachloride	7.869	117	8003	4.480	ug/l #	17
59) 2-Hexanone	10.687	43	55	20.323	ug/l #	19
76) 1,2,3-Trichloropropane	12.569	75	19063	75.892	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	19063	126.580	ug/l #	19
86) p-Isopropyltoluene	13.451	119	702	4.051	ug/l #	61

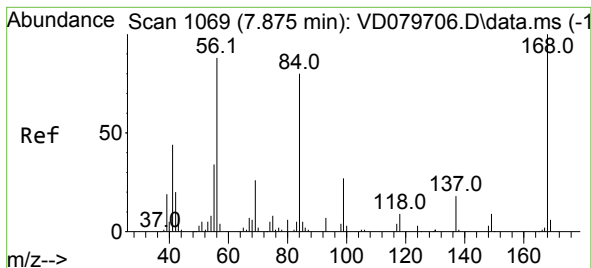
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 31 04:47:32 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D083024S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 30 15:57:30 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 10

Delta R.T. 0.006 min

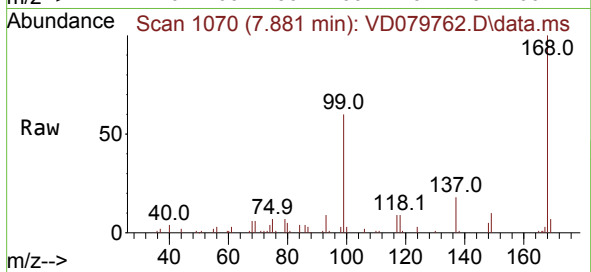
Lab File: VD079762.D

Acq: 30 Aug 2024 18:33

Instrument :

MSVOA_D

ClientSampleId :

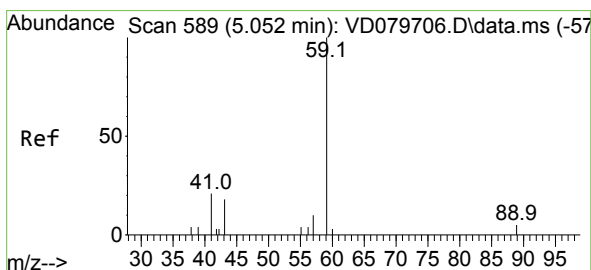
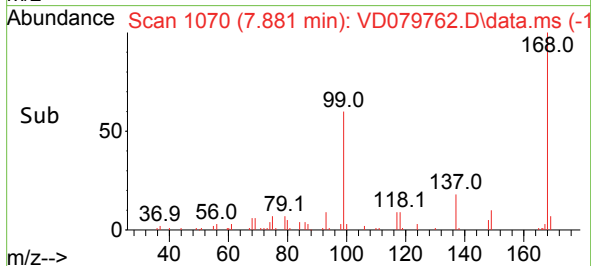
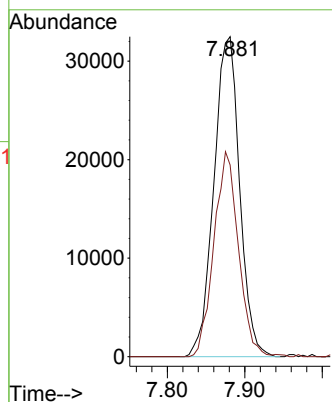


Tgt Ion:168 Resp: 75032

Ion Ratio Lower Upper

168 100

99 59.9 41.1 61.7



#11

Tert butyl alcohol

Concen: 11.932 ug/l

RT: 5.058 min Scan# 590

Delta R.T. 0.006 min

Lab File: VD079762.D

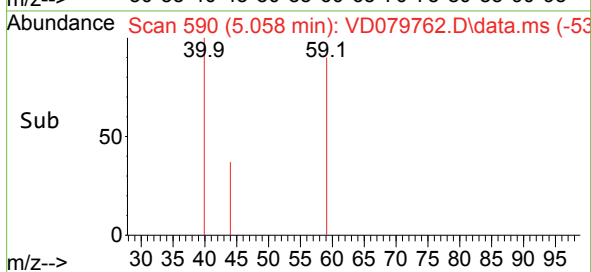
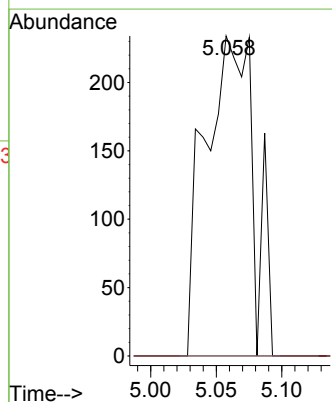
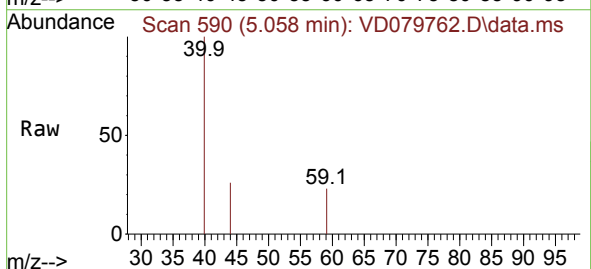
Acq: 30 Aug 2024 18:33

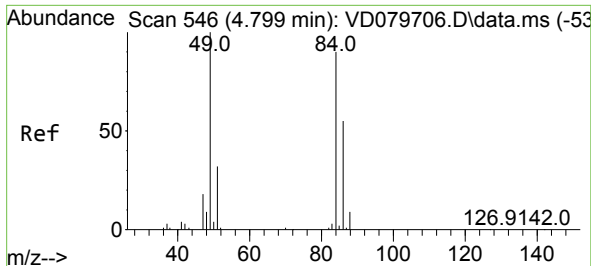
Tgt Ion: 59 Resp: 602

Ion Ratio Lower Upper

59 100

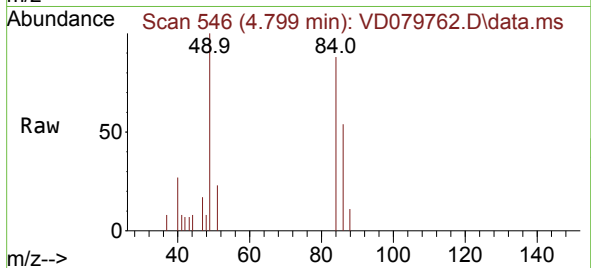
57 0.0 3.6 5.4#



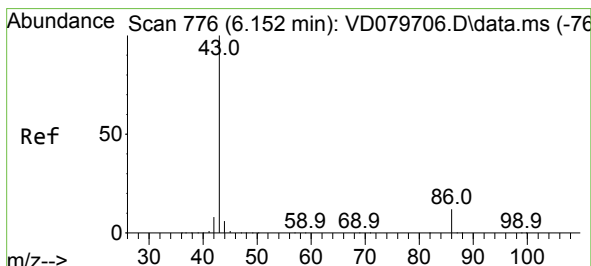
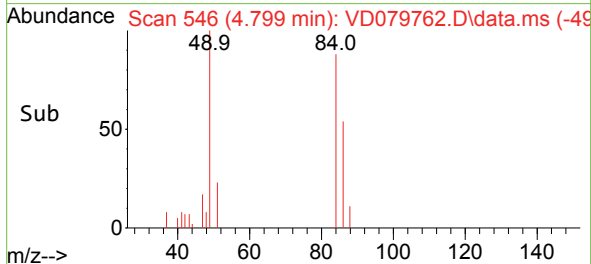
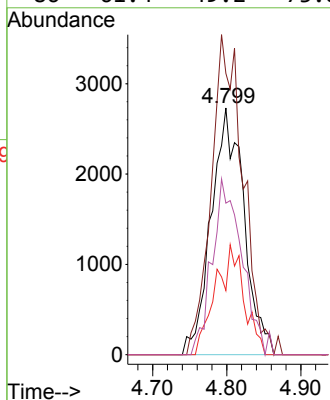


#20
Methylene Chloride
Concen: 4.188 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD079762.D
Acq: 30 Aug 2024 18:33

Instrument :
MSVOA_D
ClientSampleId :

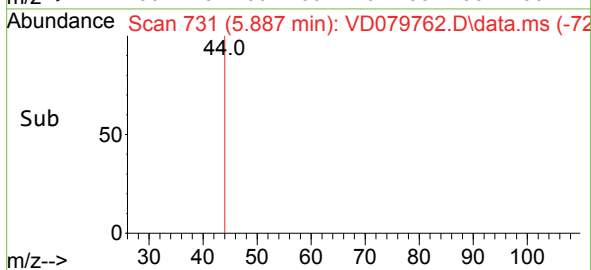
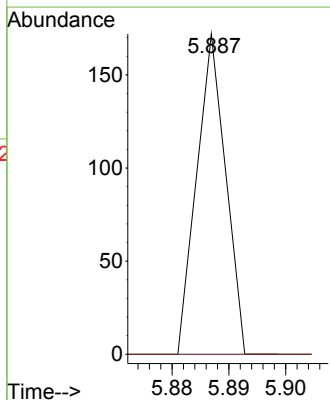
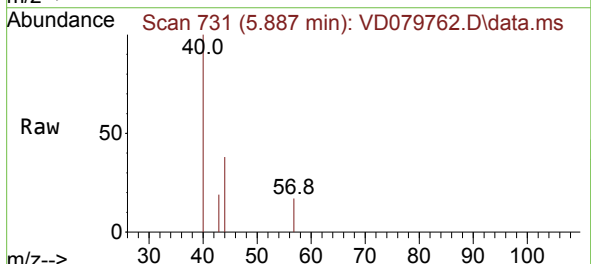


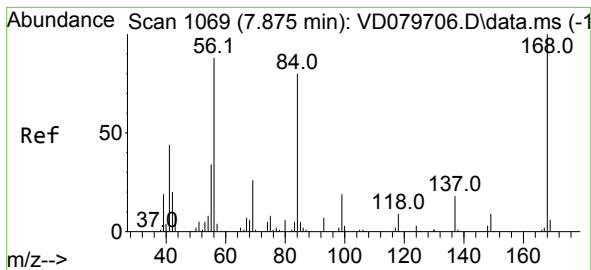
Tgt Ion:	84	Resp:	8367
Ion	Ratio	Lower	Upper
84	100		
49	114.0	75.6	113.4#
51	26.0	24.2	36.2
86	61.4	49.2	73.8



#23
Vinyl Acetate
Concen: 2.545 ug/l
RT: 5.887 min Scan# 731
Delta R.T. -0.265 min
Lab File: VD079762.D
Acq: 30 Aug 2024 18:33

Tgt Ion:	43	Resp:	61
Ion	Ratio	Lower	Upper
43	100		
86	0.0	12.3	18.5#





#31

Cyclohexane

Concen: 1.204 ug/l

RT: 7.887 min Scan# 110

Delta R.T. 0.012 min

Lab File: VD079762.D

Acq: 30 Aug 2024 18:33

Instrument :

MSVOA_D

ClientSampleId :

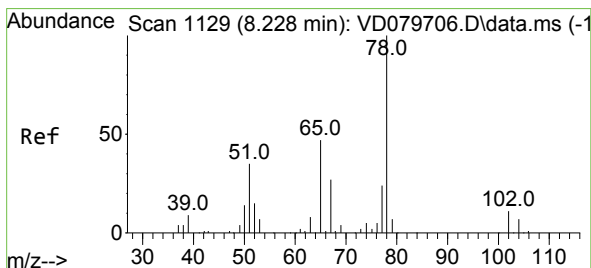
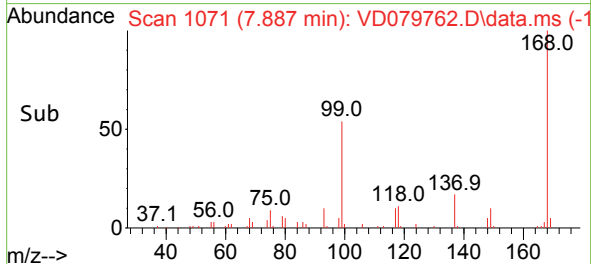
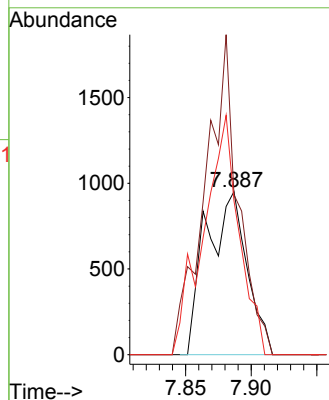
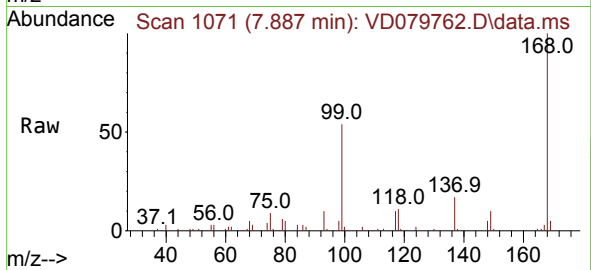
Tgt Ion: 56 Resp: 2059

Ion Ratio Lower Upper

56 100

69 98.2 28.0 42.0#

84 94.4 87.4 131.0



#33

1,2-Dichloroethane-d4

Concen: 63.325 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD079762.D

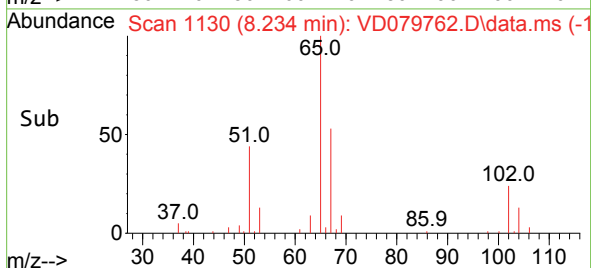
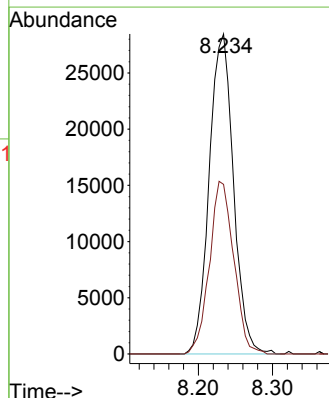
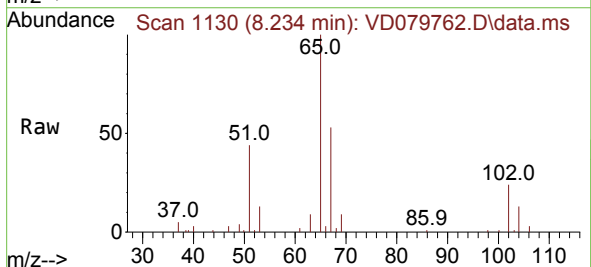
Acq: 30 Aug 2024 18:33

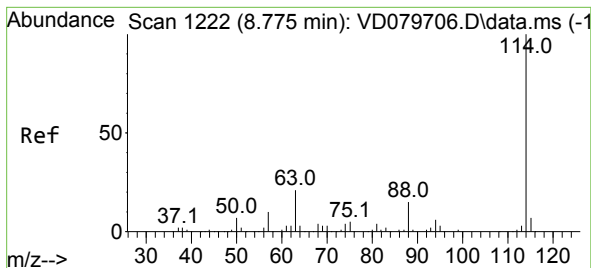
Tgt Ion: 65 Resp: 64785

Ion Ratio Lower Upper

65 100

67 54.1 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD079762.D

Acq: 30 Aug 2024 18:33

Instrument :

MSVOA_D

ClientSampleId :

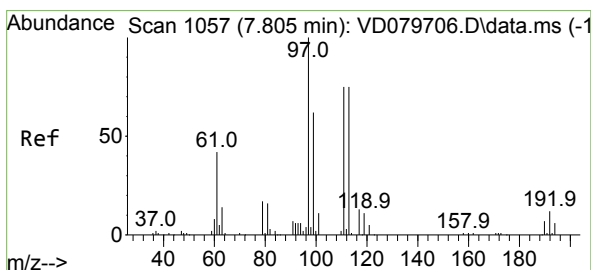
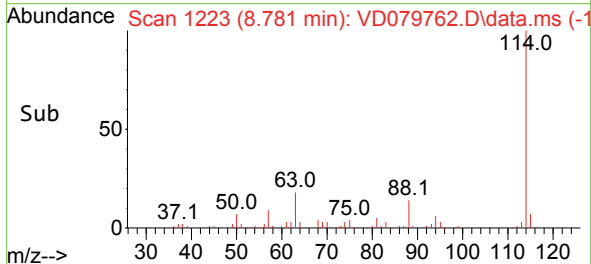
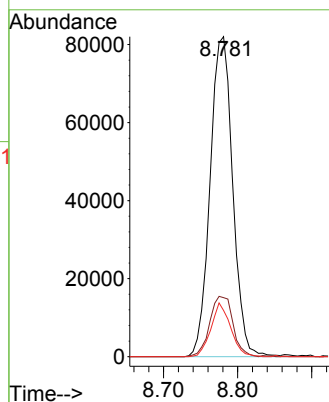
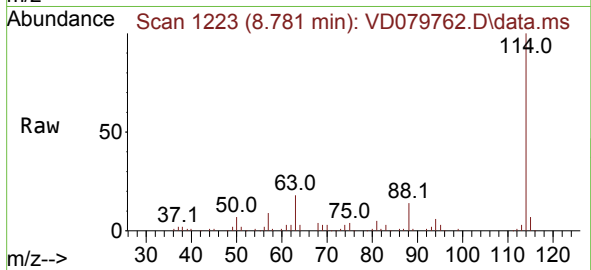
Tgt Ion:114 Resp: 173869

Ion Ratio Lower Upper

114 100

63 18.4 0.0 34.0

88 14.5 0.0 27.2



#35

Dibromofluoromethane

Concen: 53.862 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD079762.D

Acq: 30 Aug 2024 18:33

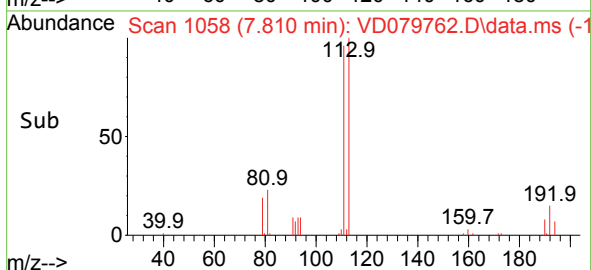
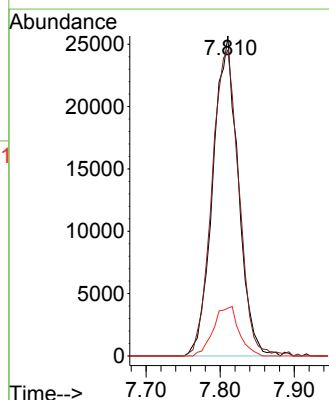
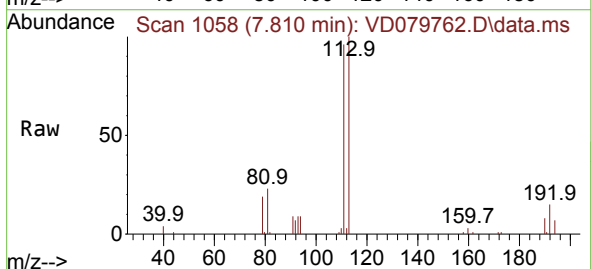
Tgt Ion:113 Resp: 60871

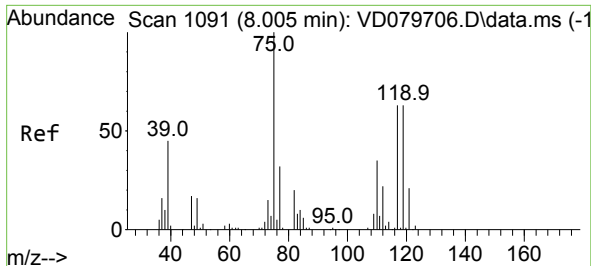
Ion Ratio Lower Upper

113 100

111 102.0 84.0 126.0

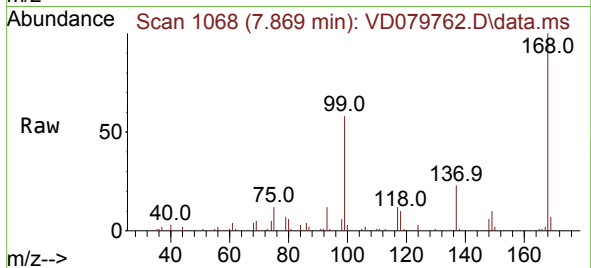
192 15.6 15.4 23.0



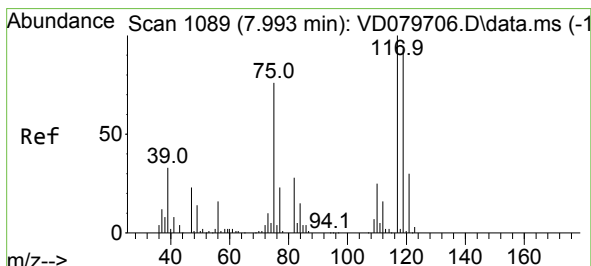
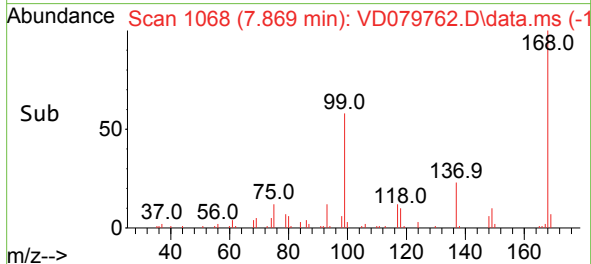
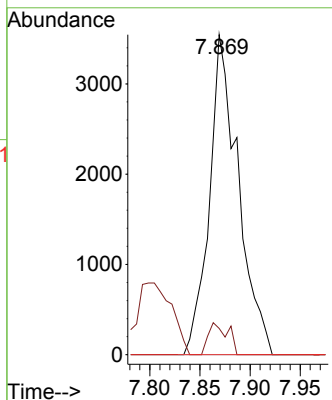


#36
1,1-Dichloropropene
Concen: 4.234 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.135 min
Lab File: VD079762.D
Acq: 30 Aug 2024 18:33

Instrument :
MSVOA_D
ClientSampleId :

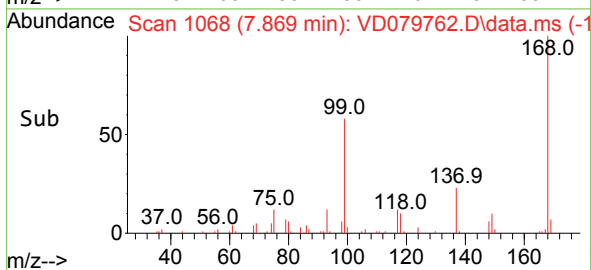
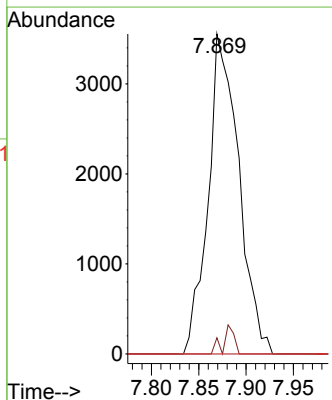
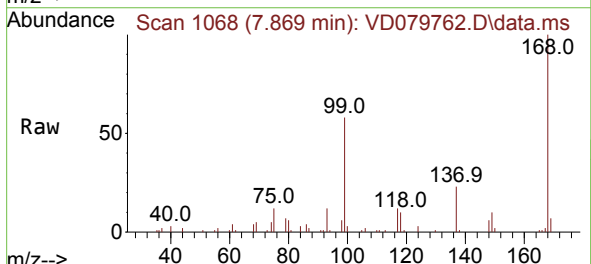


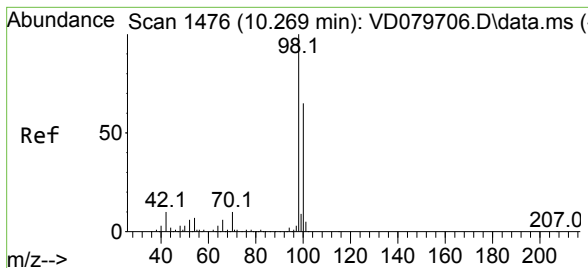
Tgt Ion: 75 Resp: 7093
Ion Ratio Lower Upper
75 100
110 6.8 19.6 58.7#
77 0.0 26.1 39.1#



#38
Carbon Tetrachloride
Concen: 4.480 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.124 min
Lab File: VD079762.D
Acq: 30 Aug 2024 18:33

Tgt Ion: 117 Resp: 8003
Ion Ratio Lower Upper
117 100
119 5.1 75.4 113.0#
121 0.0 25.0 37.4#

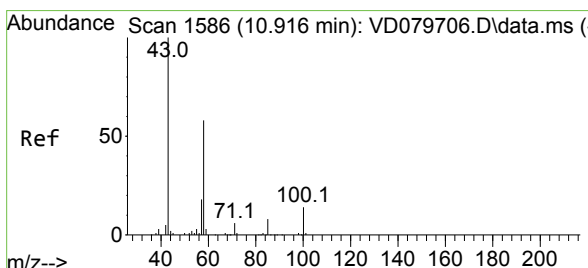
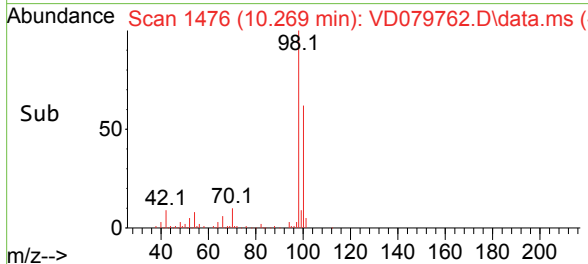
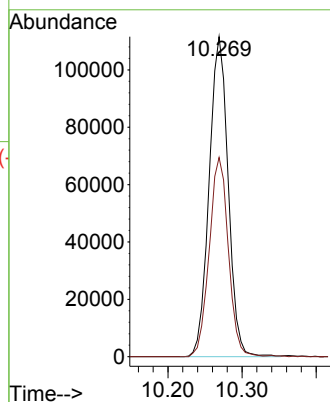
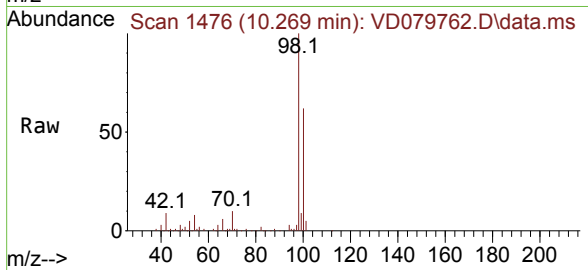




#50
Toluene-d8
Concen: 41.035 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD079762.D
Acq: 30 Aug 2024 18:33

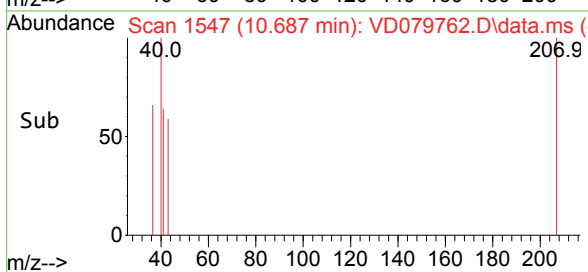
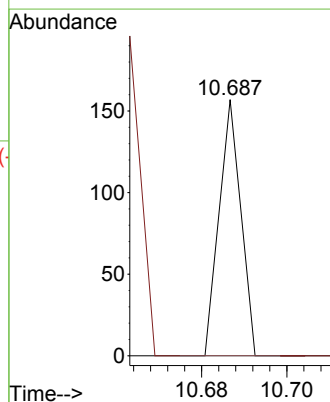
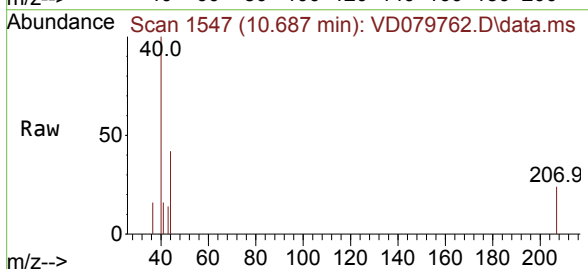
Instrument :
MSVOA_D
ClientSampleId :

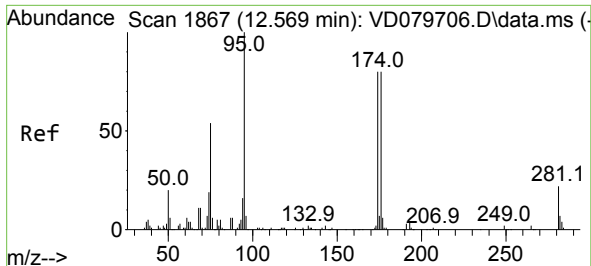
Tgt Ion: 98 Resp: 198893
Ion Ratio Lower Upper
98 100
100 62.5 51.6 77.4



#59
2-Hexanone
Concen: 20.323 ug/l
RT: 10.687 min Scan# 1547
Delta R.T. -0.229 min
Lab File: VD079762.D
Acq: 30 Aug 2024 18:33

Tgt Ion: 43 Resp: 55
Ion Ratio Lower Upper
43 100
58 0.0 31.1 93.5#

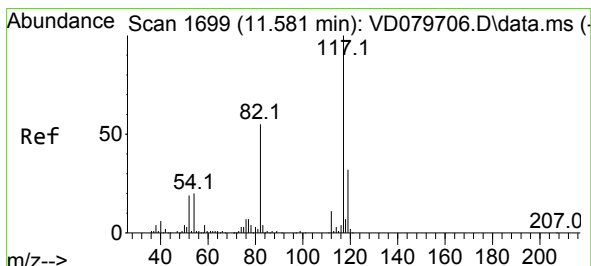
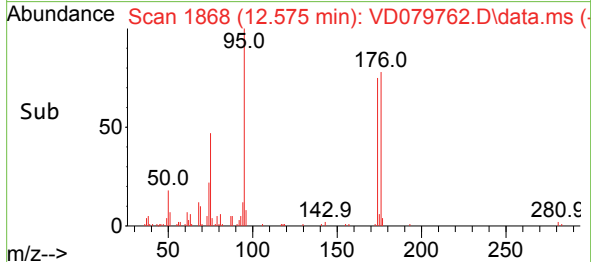
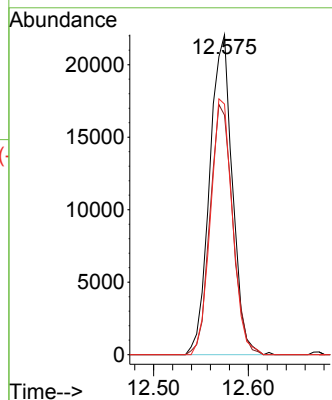
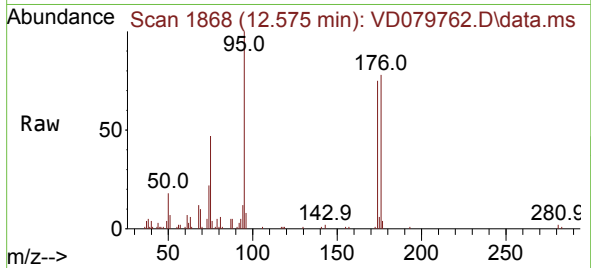




#62
4-Bromofluorobenzene
Concen: 27.060 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD079762.D
Acq: 30 Aug 2024 18:33

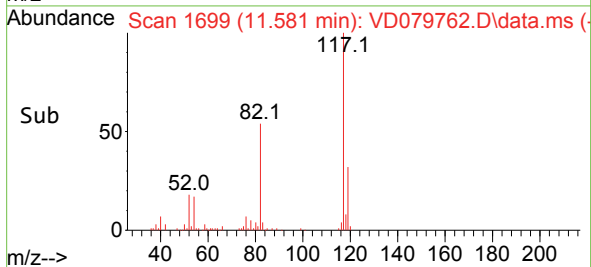
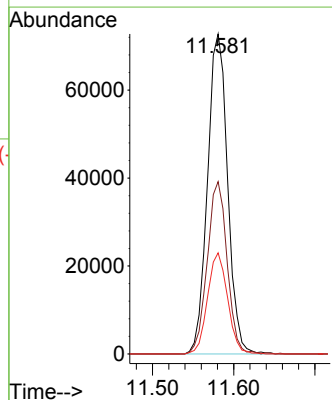
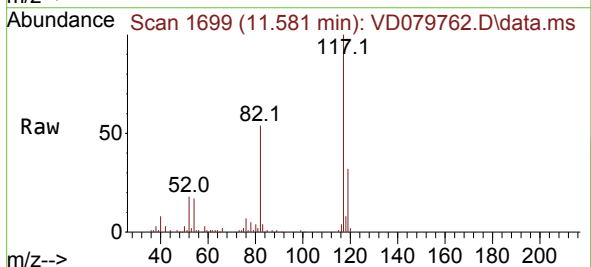
Instrument :
MSVOA_D
ClientSampleId :

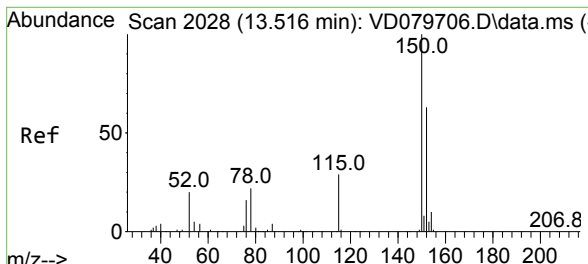
Tgt Ion: 95 Resp: 36699
Ion Ratio Lower Upper
95 100
174 77.6 0.0 195.4
176 77.1 0.0 192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079762.D
Acq: 30 Aug 2024 18:33

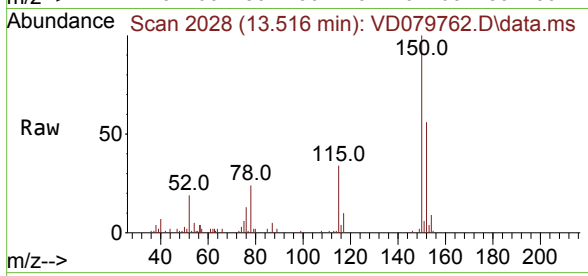
Tgt Ion: 117 Resp: 125166
Ion Ratio Lower Upper
117 100
82 53.9 39.8 59.6
119 31.6 25.7 38.5





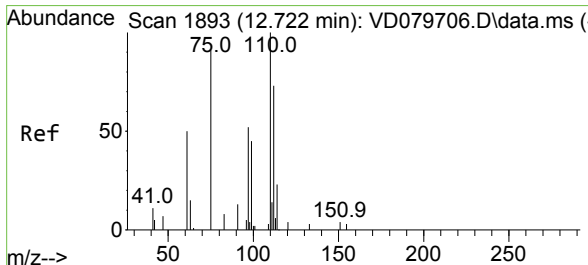
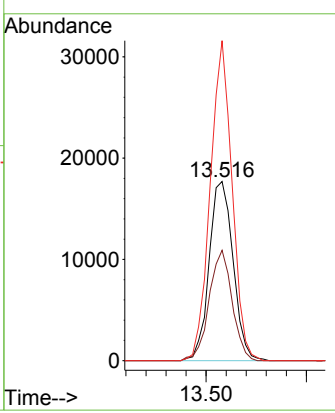
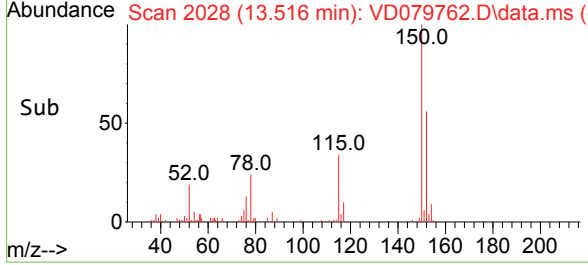
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD079762.D
 Acq: 30 Aug 2024 18:33

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:152 Resp: 29389

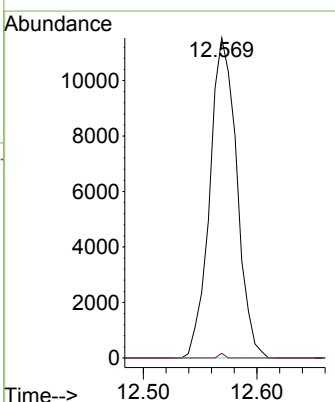
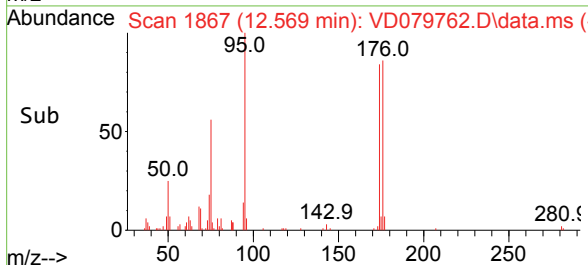
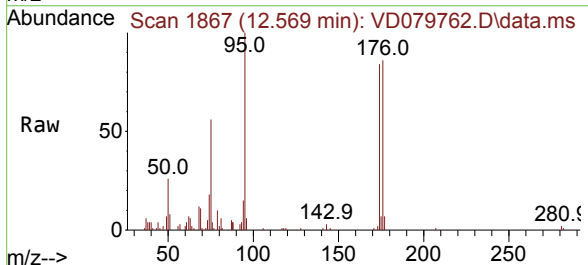
Ion	Ratio	Lower	Upper
152	100		
115	59.0	26.5	79.5
150	162.4	0.0	341.6

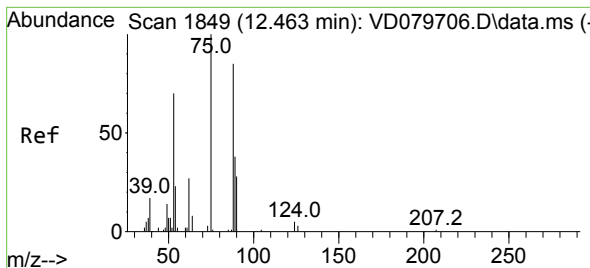


#76
 1,2,3-Trichloropropane
 Concen: 75.892 ug/l
 RT: 12.569 min Scan# 1867
 Delta R.T. -0.153 min
 Lab File: VD079762.D
 Acq: 30 Aug 2024 18:33

Tgt Ion: 75 Resp: 19063

Ion	Ratio	Lower	Upper
75	100		
77	0.3	0.0	0.0#

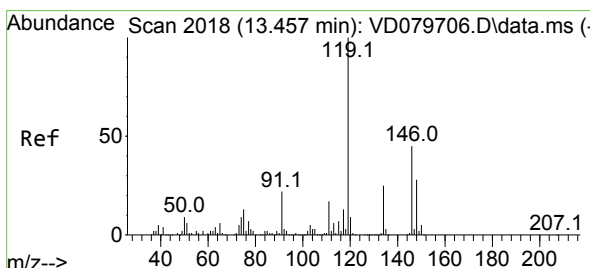
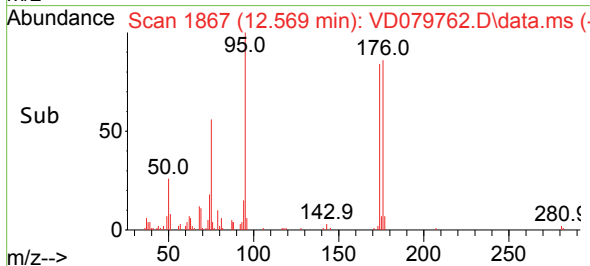
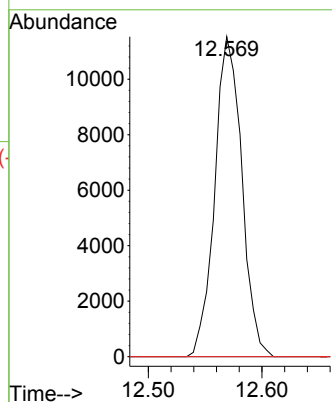
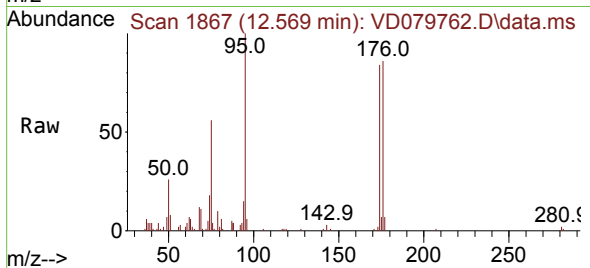




#81
 trans-1,4-Dichloro-2-butene
 Concen: 126.580 ug/l
 RT: 12.569 min Scan# 1867
 Delta R.T. 0.106 min
 Lab File: VD079762.D
 Acq: 30 Aug 2024 18:33

Instrument :
 MSVOA_D
 ClientSampleId :

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



#86
 p-Isopropyltoluene
 Concen: 4.051 ug/l
 RT: 13.451 min Scan# 2017
 Delta R.T. -0.006 min
 Lab File: VD079762.D
 Acq: 30 Aug 2024 18:33

Tgt Ion	Ratio	Lower	Upper
119	100		
134	19.9	13.7	41.1
91	54.7	10.7	32.1#

