

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD083024\
 Data File : VD079763.D
 Acq On : 30 Aug 2024 19:01
 Operator : RP/MD
 Sample : P3799-01
 Misc : 5.01G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 31 04:51:36 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)

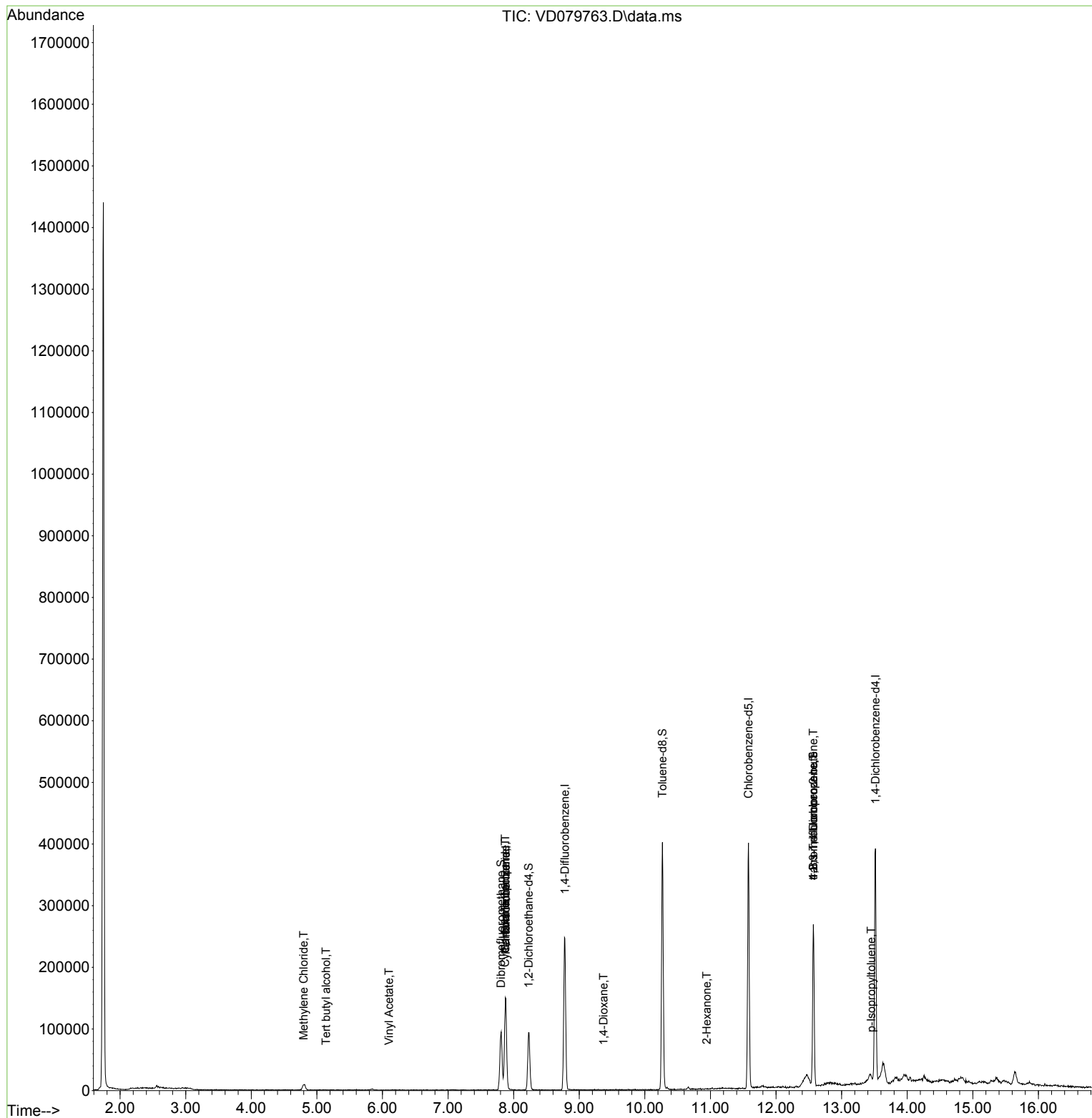
Internal Standards						
1) Pentafluorobenzene	7.881	168	105228	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	224512	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	217860	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	100088	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	72935	50.834	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.660%
35) Dibromofluoromethane	7.810	113	67486	46.245	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.480%
50) Toluene-d8	10.269	98	283216	45.252	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.500%
62) 4-Bromofluorobenzene	12.569	95	81334	46.444	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	92.880%
Target Compounds						Qvalue
11) Tert butyl alcohol	5.140	59	82	1.159	ug/l #	86
20) Methylene Chloride	4.799	84	6844	1.313	ug/l #	69
23) Vinyl Acetate	6.099	43	67	2.537	ug/l #	63
31) Cyclohexane	7.869	56	2574	1.073	ug/l #	42
36) 1,1-Dichloropropene	7.875	75	9720	4.494	ug/l #	46
38) Carbon Tetrachloride	7.875	117	11501	4.986	ug/l #	18
49) 1,4-Dioxane	9.369	88	66	7.132	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.828	63	55	Below Cal	#	42
59) 2-Hexanone	10.945	43	113	20.377	ug/l #	19
76) 1,2,3-Trichloropropane	12.569	75	43216	50.518	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	43216	84.260	ug/l #	19
86) p-Isopropyltoluene	13.451	119	523	3.811	ug/l #	57

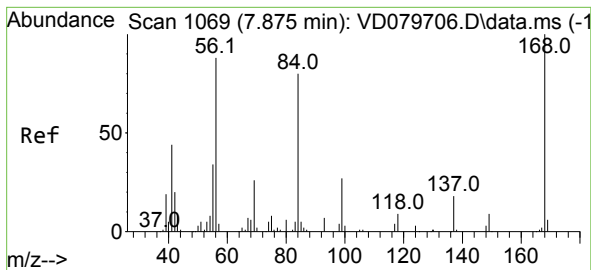
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD083024\
Data File : VD079763.D
Acq On : 30 Aug 2024 19:01
Operator : RP/MD
Sample : P3799-01
Misc : 5.01G/5.0ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Aug 31 04:51:36 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

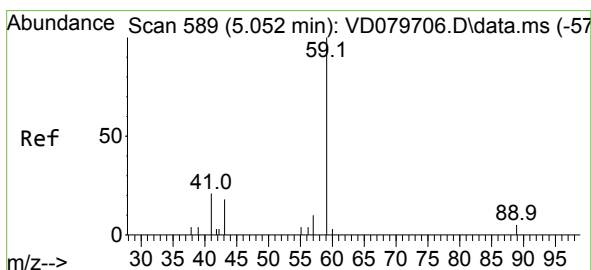
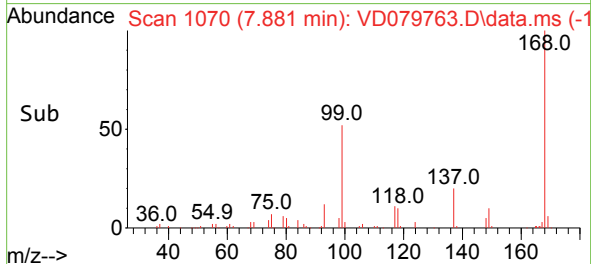
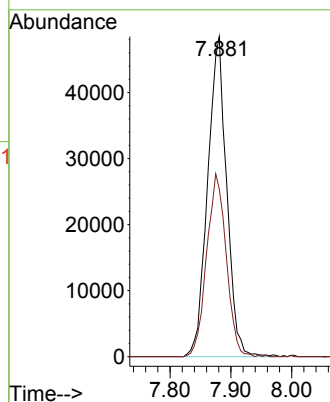
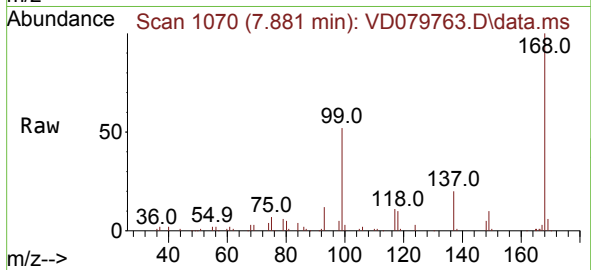




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD079763.D
Acq: 30 Aug 2024 19:01

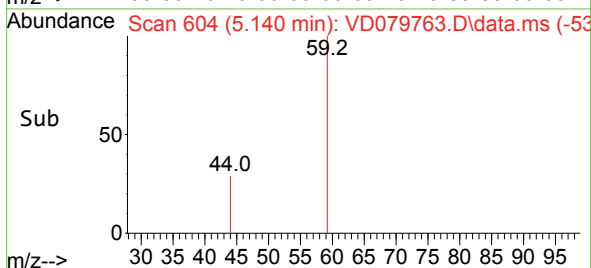
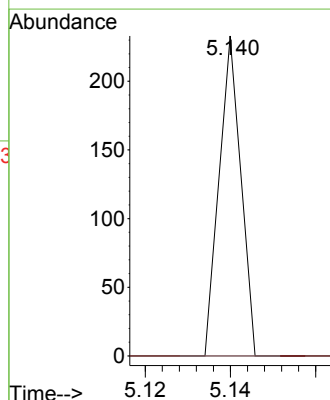
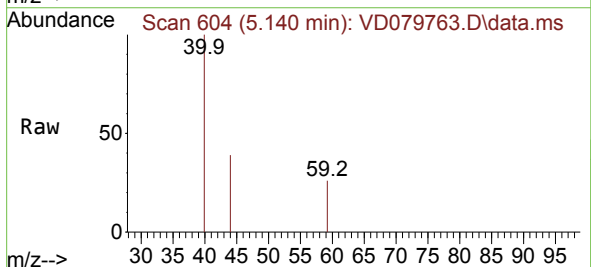
Instrument :
MSVOA_D
ClientSampleId :

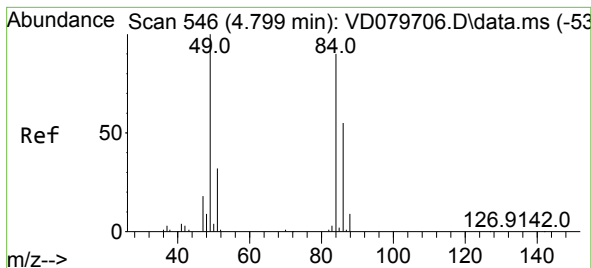
Tgt Ion:168 Resp: 105228
Ion Ratio Lower Upper
168 100
99 52.5 41.1 61.7



#11
Tert butyl alcohol
Concen: 1.159 ug/l
RT: 5.140 min Scan# 604
Delta R.T. 0.088 min
Lab File: VD079763.D
Acq: 30 Aug 2024 19:01

Tgt Ion: 59 Resp: 82
Ion Ratio Lower Upper
59 100
57 0.0 3.6 5.4#





#20

Methylene Chloride

Concen: 1.313 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.000 min

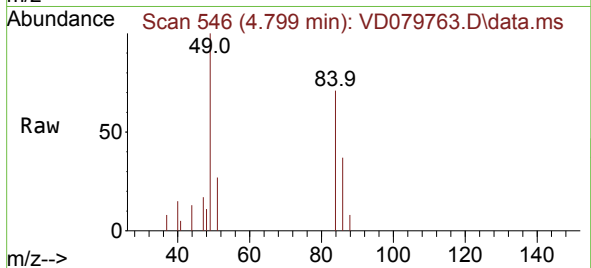
Lab File: VD079763.D

Acq: 30 Aug 2024 19:01

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 84 Resp: 6844

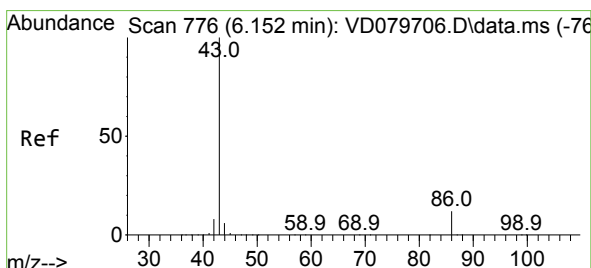
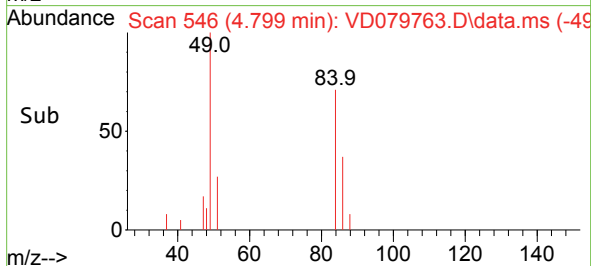
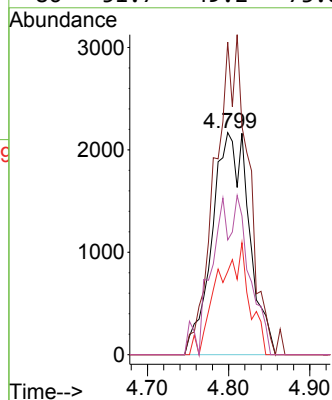
Ion Ratio Lower Upper

84 100

49 140.8 75.6 113.4#

51 37.5 24.2 36.2#

86 51.7 49.2 73.8



#23

Vinyl Acetate

Concen: 2.537 ug/l

RT: 6.099 min Scan# 767

Delta R.T. -0.053 min

Lab File: VD079763.D

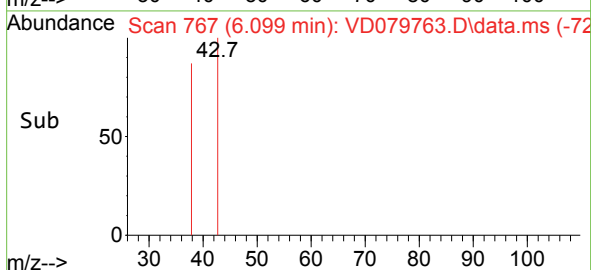
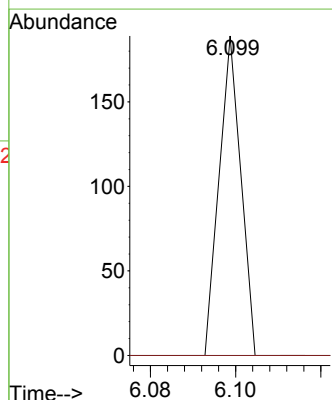
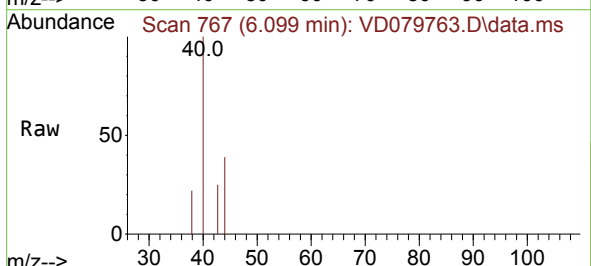
Acq: 30 Aug 2024 19:01

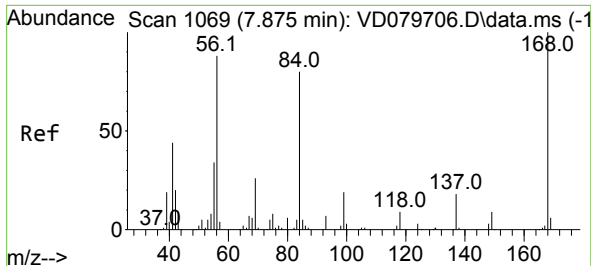
Tgt Ion: 43 Resp: 67

Ion Ratio Lower Upper

43 100

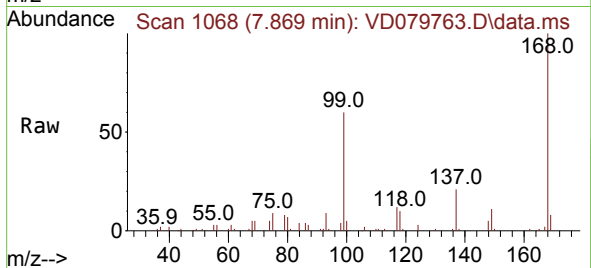
86 0.0 12.3 18.5#



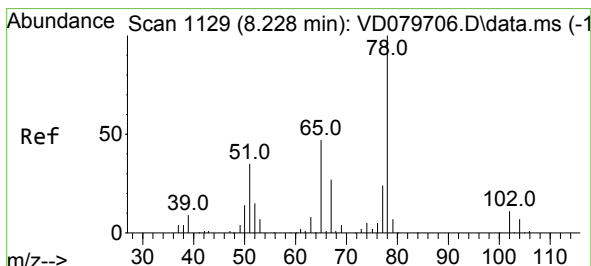
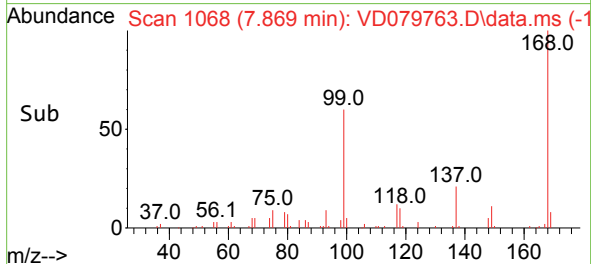
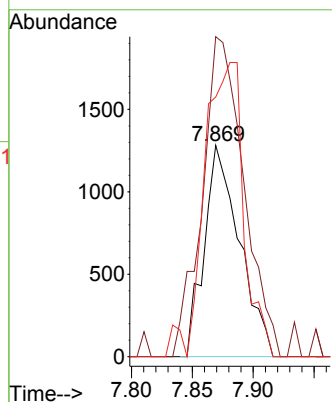


#31
Cyclohexane
Concen: 1.073 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD079763.D
Acq: 30 Aug 2024 19:01

Instrument :
MSVOA_D
ClientSampleId :

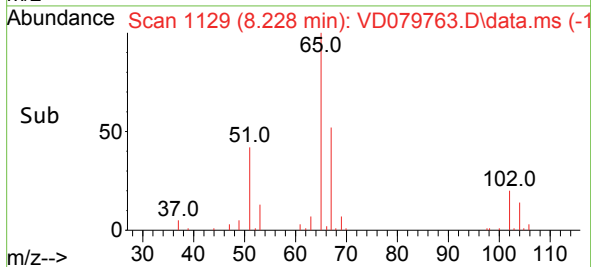
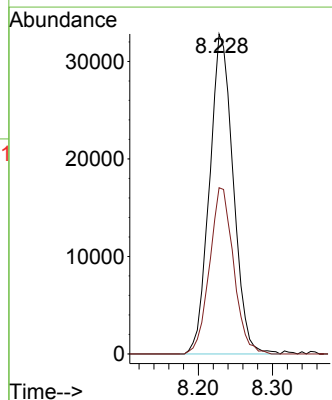
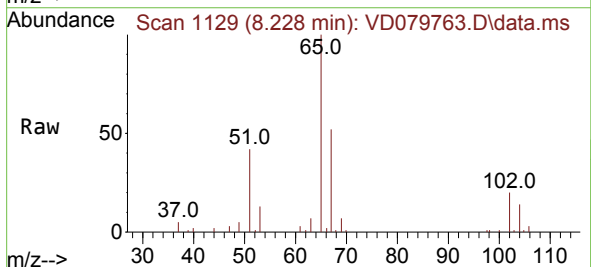


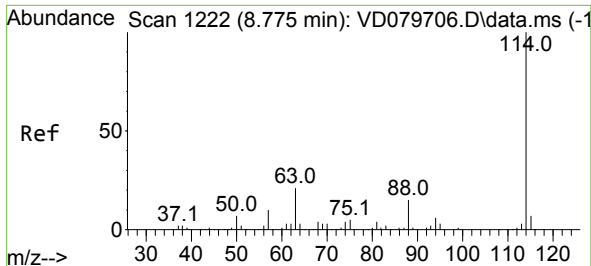
Tgt Ion: 56 Resp: 2574
Ion Ratio Lower Upper
56 100
69 151.4 28.0 42.0#
84 122.9 87.4 131.0



#33
1,2-Dichloroethane-d4
Concen: 50.834 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD079763.D
Acq: 30 Aug 2024 19:01

Tgt Ion: 65 Resp: 72935
Ion Ratio Lower Upper
65 100
67 52.7 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: VD079763.D

Acq: 30 Aug 2024 19:01

Instrument :

MSVOA_D

ClientSampleId :

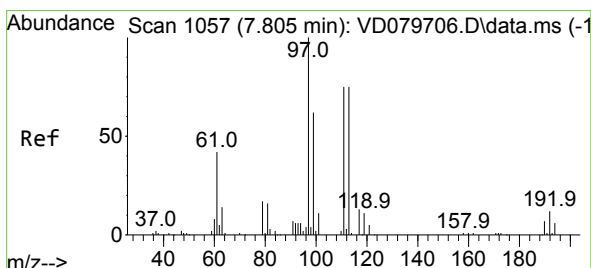
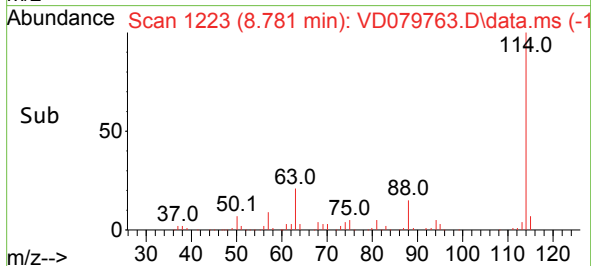
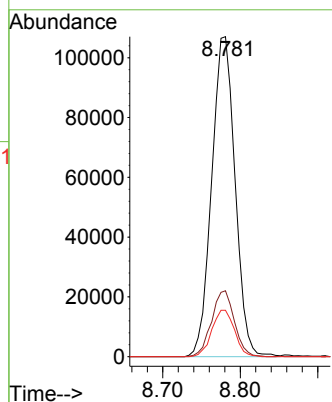
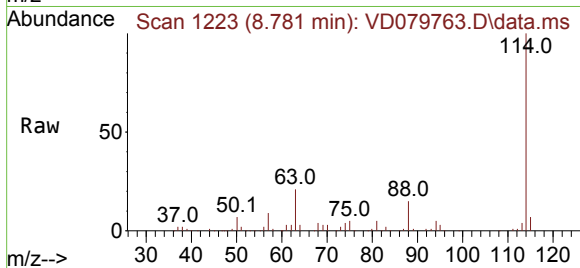
Tgt Ion:114 Resp: 224512

Ion Ratio Lower Upper

114 100

63 20.6 0.0 34.0

88 14.5 0.0 27.2



#35

Dibromofluoromethane

Concen: 46.245 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD079763.D

Acq: 30 Aug 2024 19:01

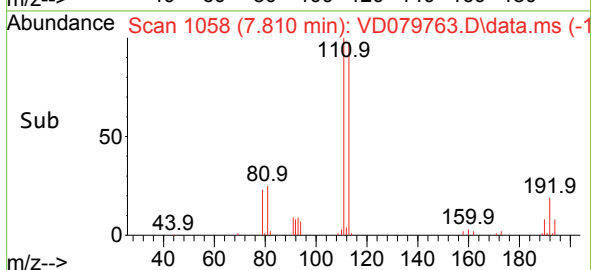
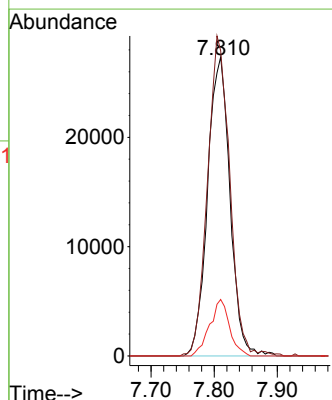
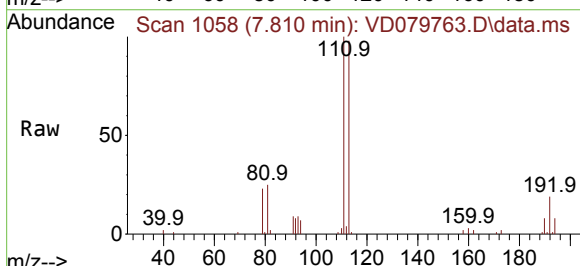
Tgt Ion:113 Resp: 67486

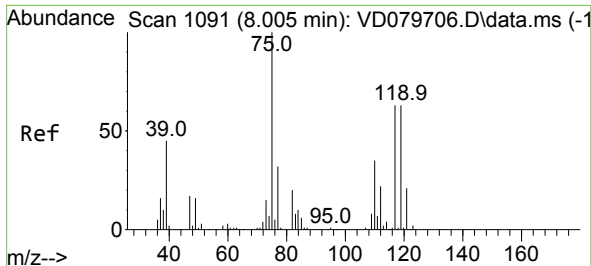
Ion Ratio Lower Upper

113 100

111 106.2 84.0 126.0

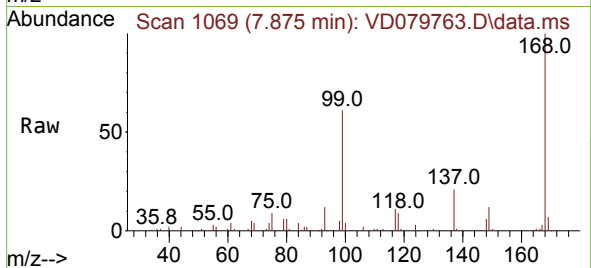
192 16.7 15.4 23.0



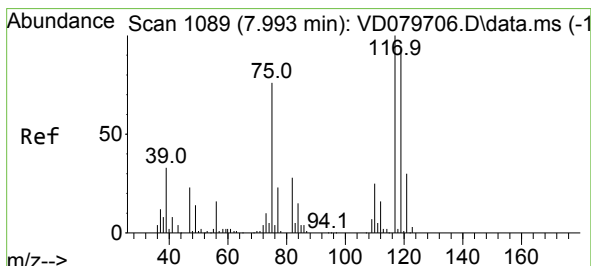
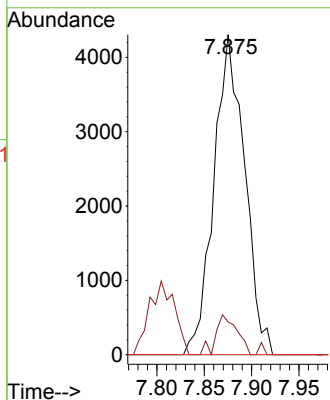
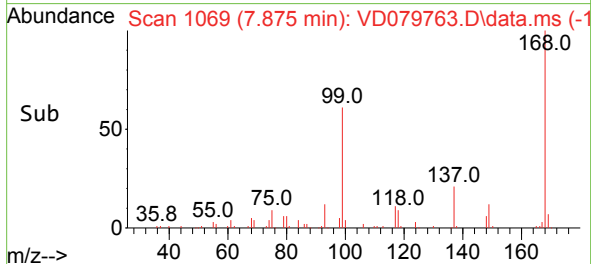


#36
1,1-Dichloropropene
Concen: 4.494 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.130 min
Lab File: VD079763.D
Acq: 30 Aug 2024 19:01

Instrument :
MSVOA_D
ClientSampleId :

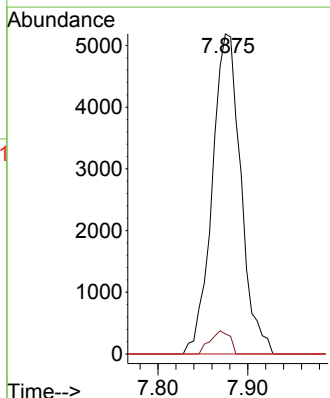
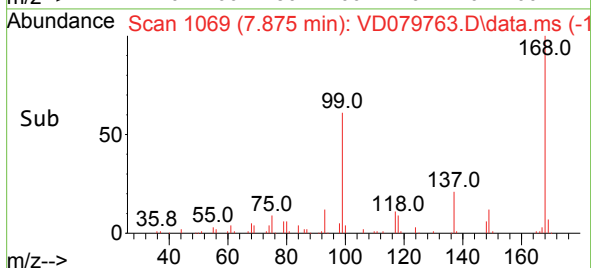
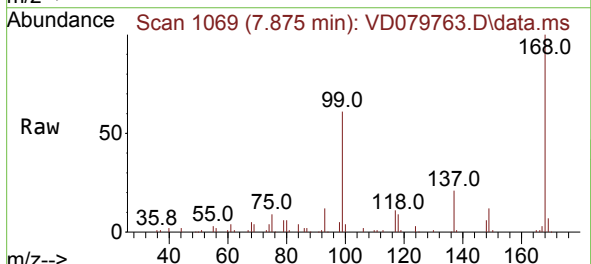


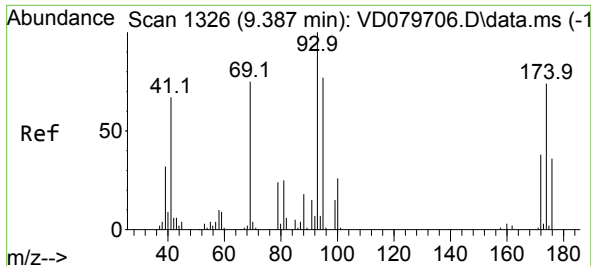
Tgt Ion: 75 Resp: 9720
Ion Ratio Lower Upper
75 100
110 8.6 19.6 58.7#
77 0.0 26.1 39.1#



#38
Carbon Tetrachloride
Concen: 4.986 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD079763.D
Acq: 30 Aug 2024 19:01

Tgt Ion: 117 Resp: 11501
Ion Ratio Lower Upper
117 100
119 6.2 75.4 113.0#
121 0.0 25.0 37.4#





#49

1,4-Dioxane

Concen: 7.132 ug/l

RT: 9.369 min Scan# 1323

Delta R.T. -0.018 min

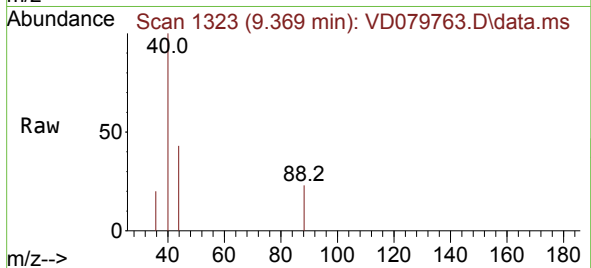
Lab File: VD079763.D

Acq: 30 Aug 2024 19:01

Instrument :

MSVOA_D

ClientSampleId :



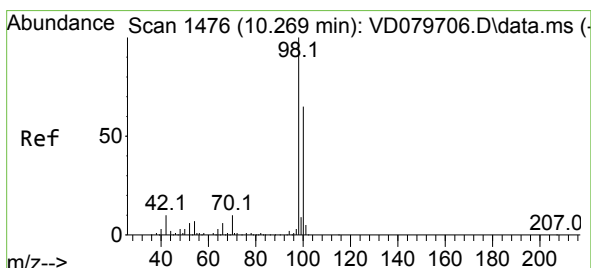
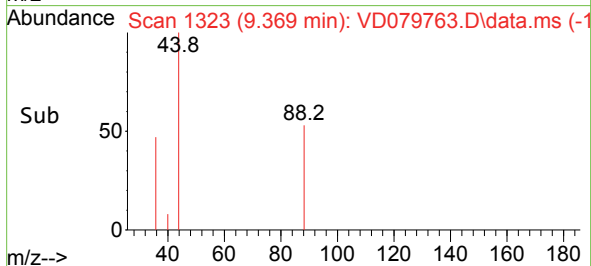
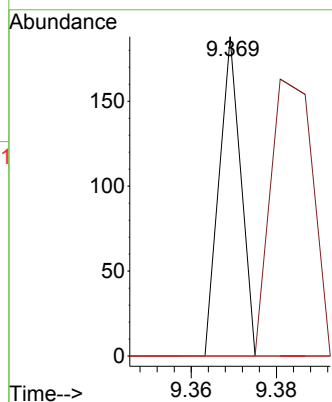
Tgt Ion: 88 Resp: 66

Ion Ratio Lower Upper

88 100

43 169.7 21.5 32.3#

58 0.0 42.2 63.4#



#50

Toluene-d8

Concen: 45.252 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD079763.D

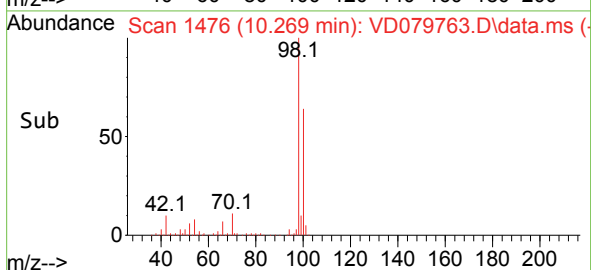
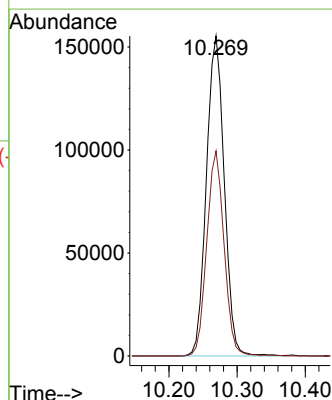
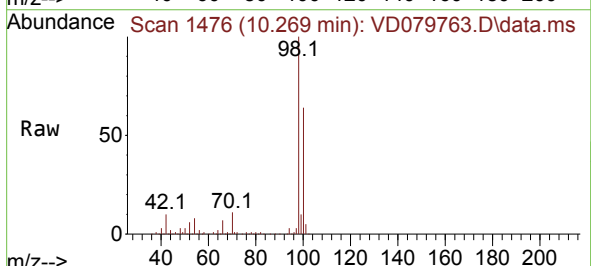
Acq: 30 Aug 2024 19:01

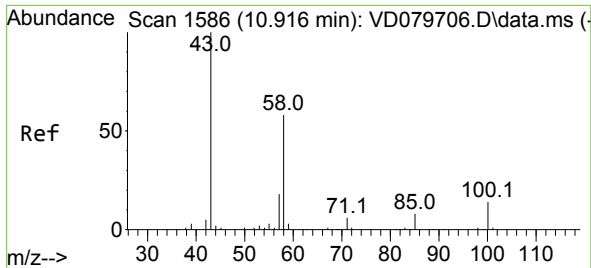
Tgt Ion: 98 Resp: 283216

Ion Ratio Lower Upper

98 100

100 62.2 51.6 77.4

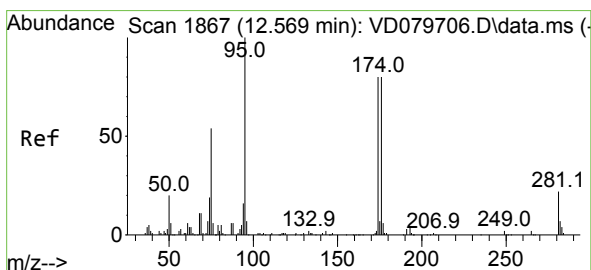
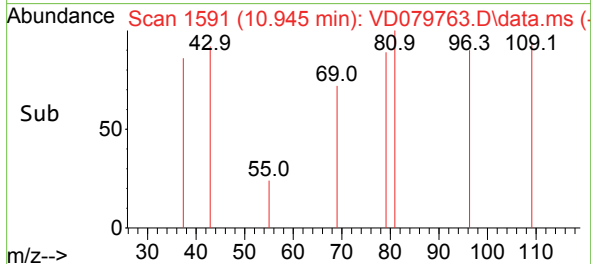
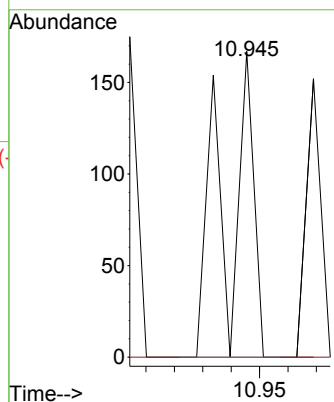
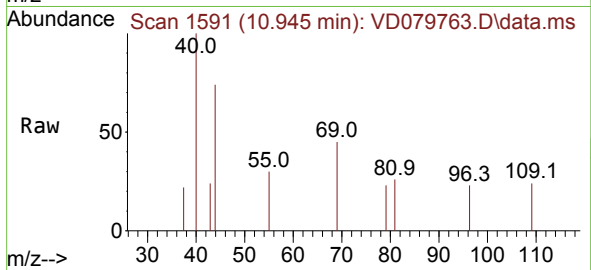




#59
2-Hexanone
Concen: 20.377 ug/l
RT: 10.945 min Scan# 113
Delta R.T. 0.029 min
Lab File: VD079763.D
Acq: 30 Aug 2024 19:01

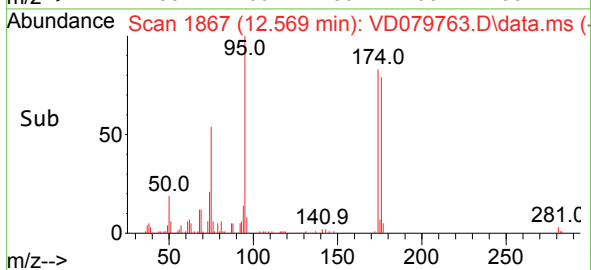
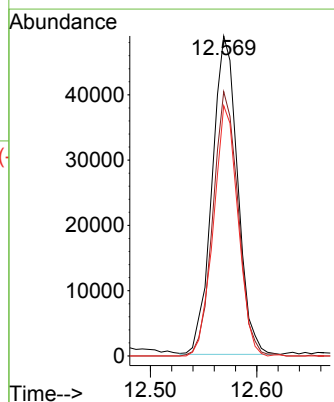
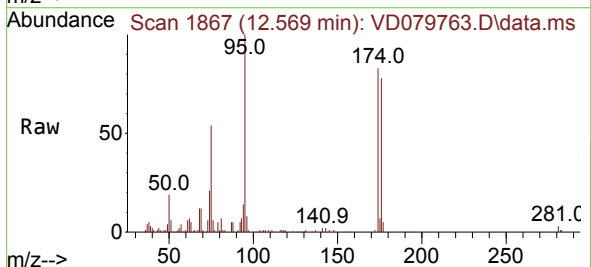
Instrument :
MSVOA_D
ClientSampleId :

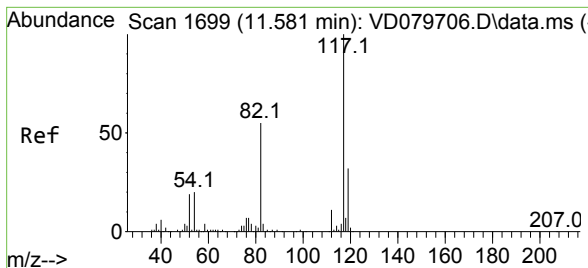
Tgt Ion: 43 Resp: 113
Ion Ratio Lower Upper
43 100
58 0.0 31.1 93.5#



#62
4-Bromofluorobenzene
Concen: 46.444 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079763.D
Acq: 30 Aug 2024 19:01

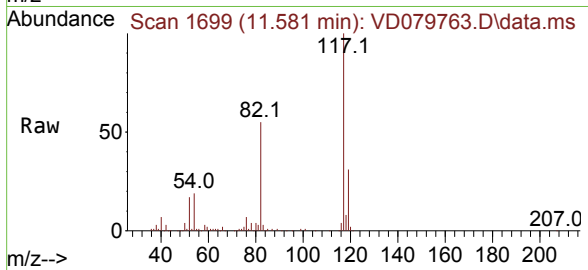
Tgt Ion: 95 Resp: 81334
Ion Ratio Lower Upper
95 100
174 81.5 0.0 195.4
176 75.5 0.0 192.6



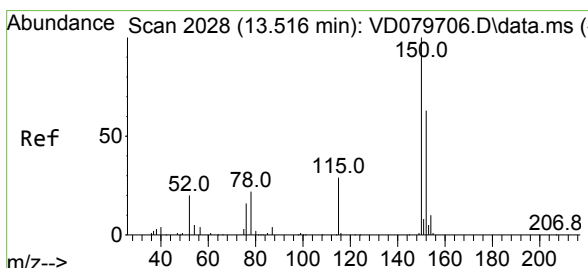
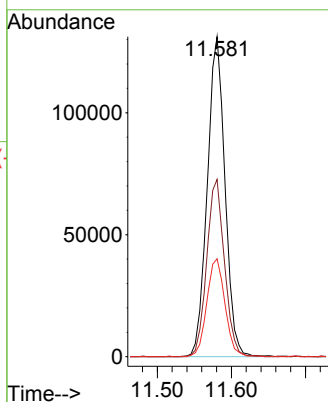
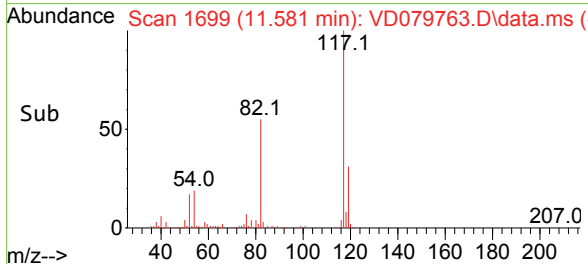


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD079763.D
Acq: 30 Aug 2024 19:01

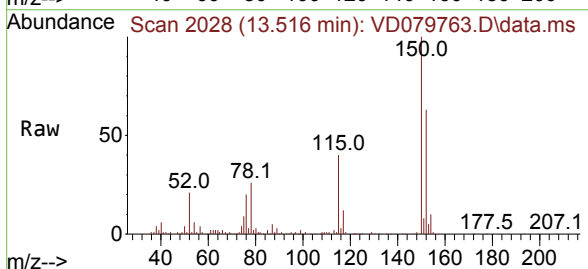
Instrument :
MSVOA_D
ClientSampleId :



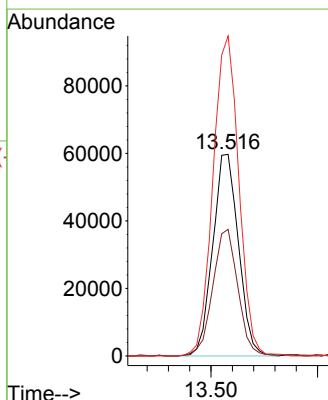
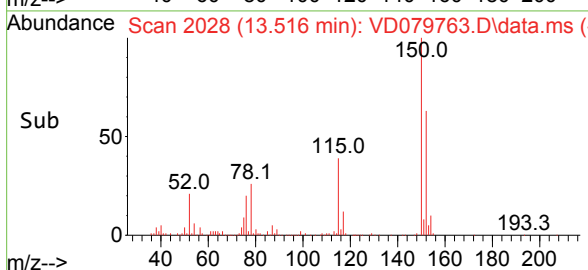
Tgt Ion:117 Resp: 217860
Ion Ratio Lower Upper
117 100
82 55.4 39.8 59.6
119 30.6 25.7 38.5

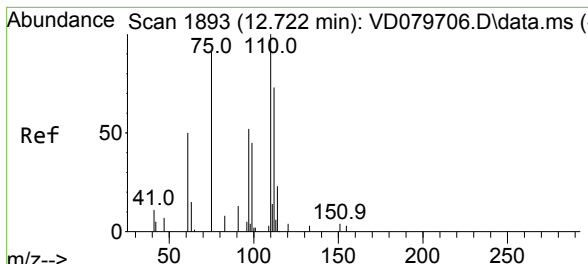


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD079763.D
Acq: 30 Aug 2024 19:01



Tgt Ion:152 Resp: 100088
Ion Ratio Lower Upper
152 100
115 61.2 26.5 79.5
150 159.4 0.0 341.6

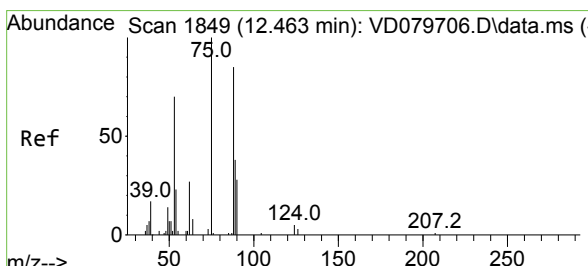
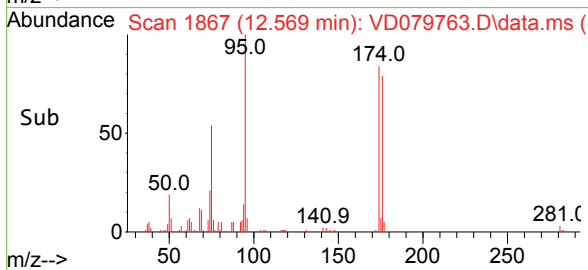
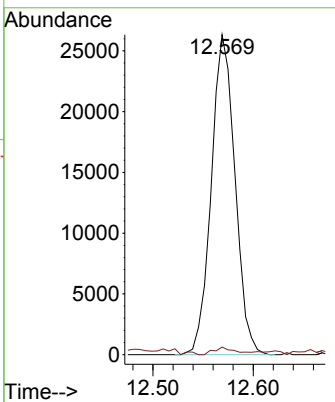
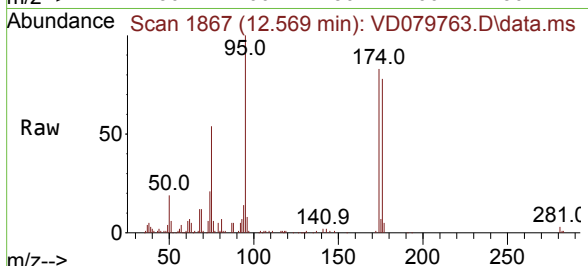




#76
 1,2,3-Trichloropropane
 Concen: 50.518 ug/l
 RT: 12.569 min Scan# 1867
 Delta R.T. -0.153 min
 Lab File: VD079763.D
 Acq: 30 Aug 2024 19:01

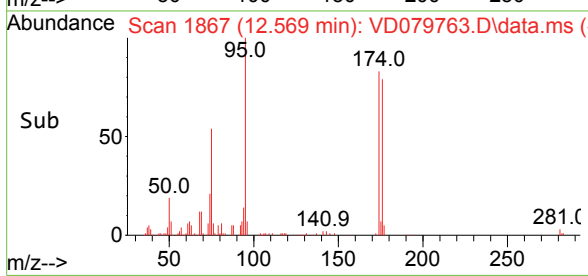
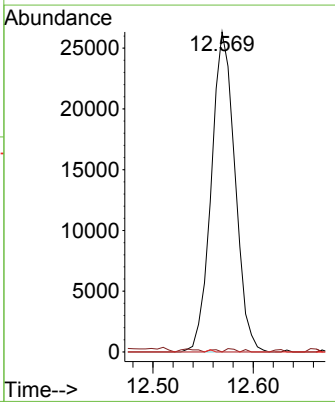
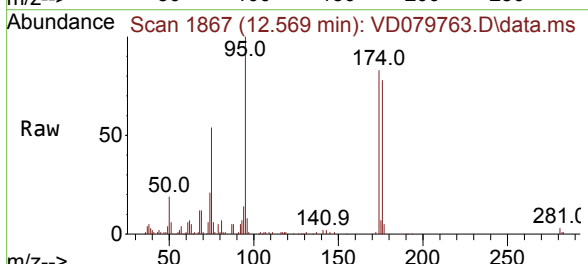
Instrument :
 MSVOA_D
 ClientSampleId :

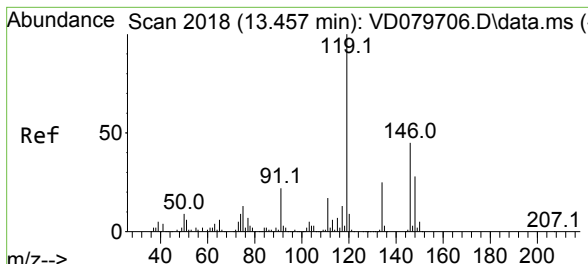
Tgt Ion:	75	Resp:	43216
Ion Ratio	Lower	Upper	
75	100		
77	2.2	0.0	0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.260 ug/l
 RT: 12.569 min Scan# 1867
 Delta R.T. 0.106 min
 Lab File: VD079763.D
 Acq: 30 Aug 2024 19:01

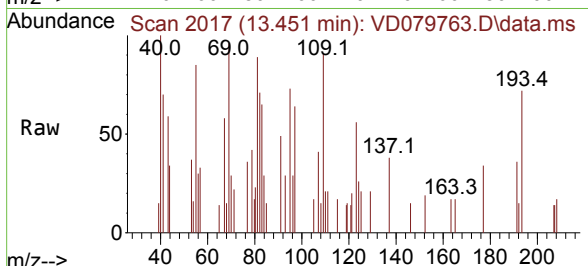
Tgt Ion:	75	Resp:	43216
Ion Ratio	Lower	Upper	
75	100		
53	0.6	61.4	92.2#
89	0.0	35.4	53.0#





#86
 p-Isopropyltoluene
 Concen: 3.811 ug/l
 RT: 13.451 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VD079763.D
 Acq: 30 Aug 2024 19:01

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	119	Resp:	523
Ion	Ratio	Lower	Upper
119	100		
134	0.0	13.7	41.1#
91	35.6	10.7	32.1#

