

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD083024\
 Data File : VD079759.D
 Acq On : 30 Aug 2024 17:09
 Operator : RP/MD
 Sample : P3746-01
 Misc : 5.08G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 31 04:46:28 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	7.875	168	10601	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	21944	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	21948	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	6896	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	14143	97.846	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 195.700%#	
35) Dibromofluoromethane	7.799	113	9977	69.948	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 139.900%	
50) Toluene-d8	10.269	98	28138	45.998	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 92.000%	
62) 4-Bromofluorobenzene	12.569	95	6951	40.610	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 81.220%	

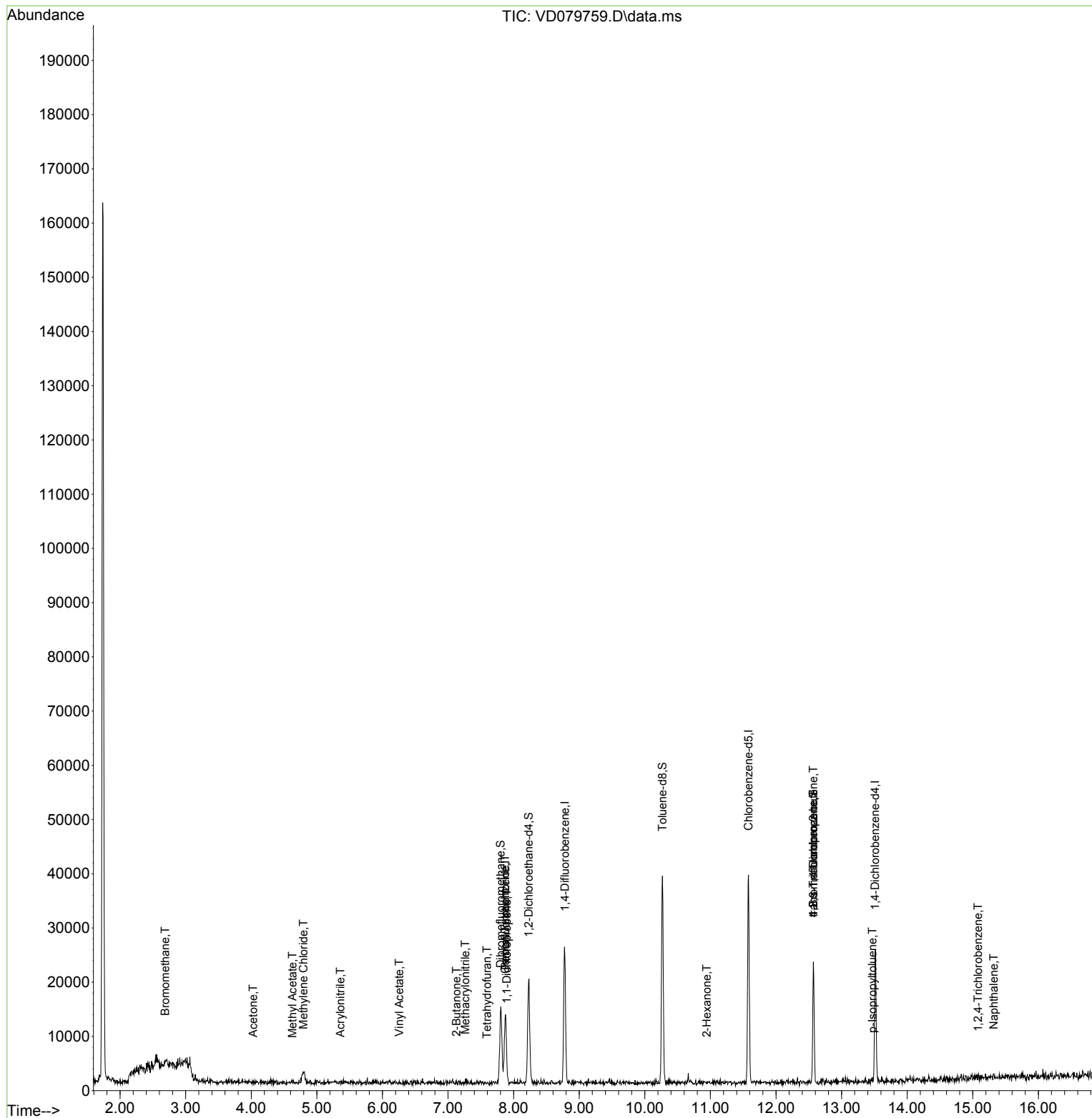
Target Compounds			Qvalue			
5) Bromomethane	2.687	94	441	1.994	ug/l	# 40
15) Acrylonitrile	5.358	53	63	1.826	ug/l	# 17
16) Acetone	4.028	43	55	1.834	ug/l	# 37
18) Methyl Acetate	4.628	43	117	1.361	ug/l	# 40
20) Methylene Chloride	4.793	84	1259	4.637	ug/l	# 65
23) Vinyl Acetate	6.258	43	65	2.792	ug/l	# 63
25) 2-Butanone	7.128	43	53	1.324	ug/l	# 42
29) Tetrahydrofuran	7.593	42	56	2.263	ug/l	# 21
36) 1,1-Dichloropropene	7.893	75	235	1.112	ug/l	# 39
38) Carbon Tetrachloride	7.869	117	1156	5.127	ug/l	# 13
41) Methacrylonitrile	7.263	41	64	1.197	ug/l	# 12
59) 2-Hexanone	10.946	43	67	21.108	ug/l	# 19
76) 1,2,3-Trichloropropane	12.569	75	3378	57.313	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.569	75	3378	95.592	ug/l	# 19
86) p-Isopropyltoluene	13.469	119	72	3.878	ug/l	# 51
93) 1,2,4-Trichlorobenzene	15.081	180	192	1.741	ug/l	# 61
95) Naphthalene	15.322	128	465	2.077	ug/l	# 70

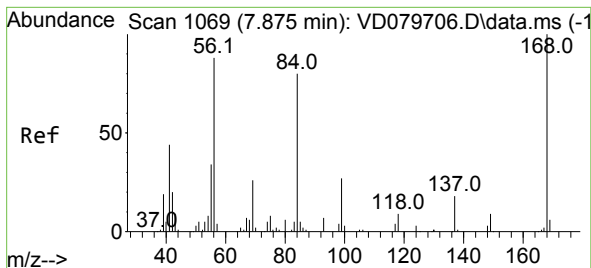
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD083024\
Data File : VD079759.D
Acq On : 30 Aug 2024 17:09
Operator : RP/MD
Sample : P3746-01
Misc : 5.08G/5.0ml/MSVOA_D/SOIL/B
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Aug 31 04:46:28 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: 7.875 min Scan# 1069

Delta R.T. 0.000 min

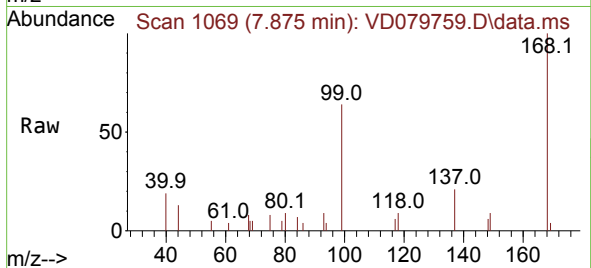
Lab File: VD079759.D

Acq: 30 Aug 2024 17:09

Instrument :

MSVOA_D

ClientSampleId :

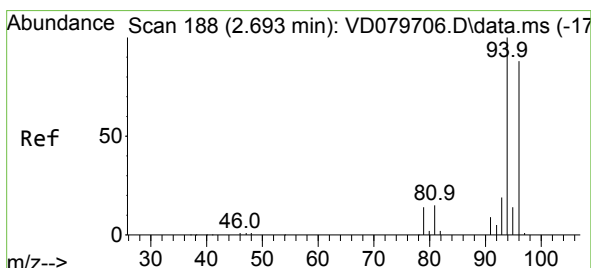
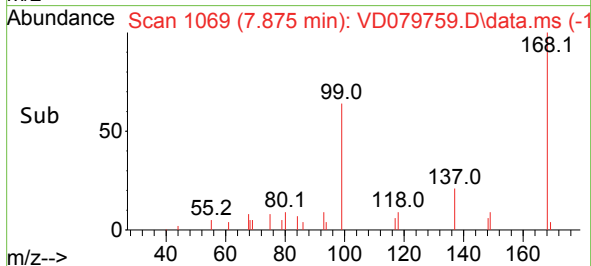
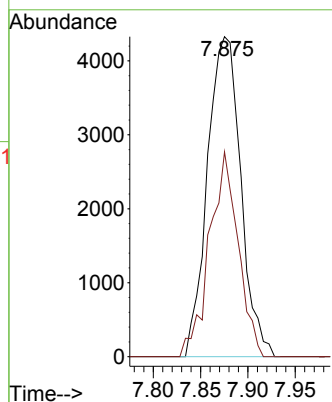


Tgt Ion:168 Resp: 10601

Ion Ratio Lower Upper

168 100

99 64.0 41.1 61.7#



#5

Bromomethane

Concen: 1.994 ug/l

RT: 2.687 min Scan# 187

Delta R.T. -0.006 min

Lab File: VD079759.D

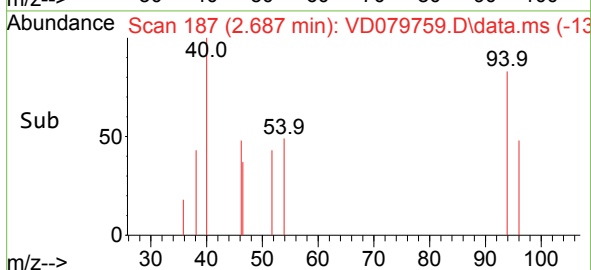
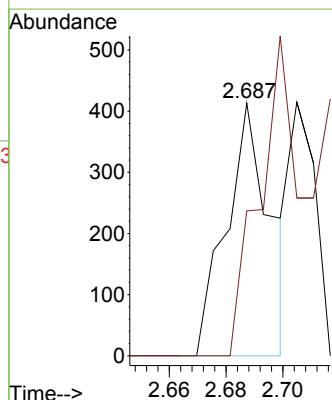
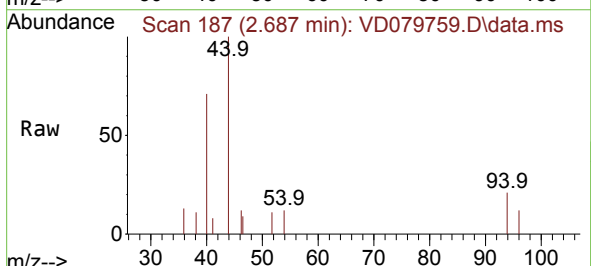
Acq: 30 Aug 2024 17:09

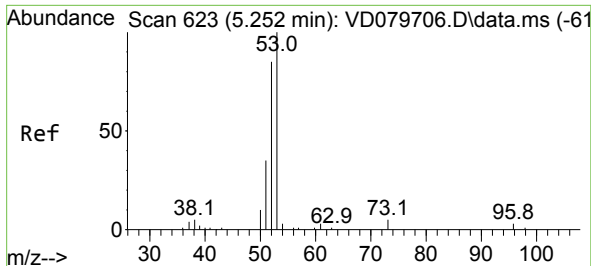
Tgt Ion: 94 Resp: 441

Ion Ratio Lower Upper

94 100

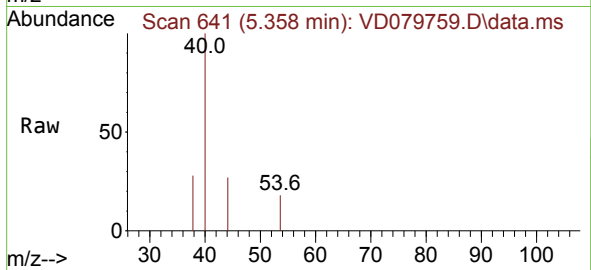
96 154.9 76.9 115.3#



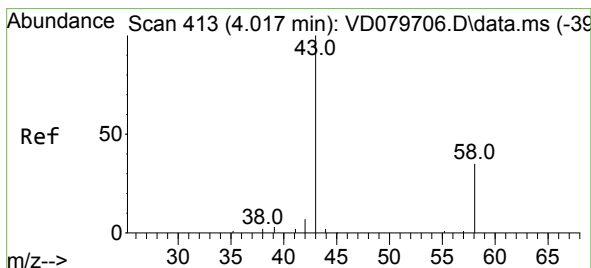
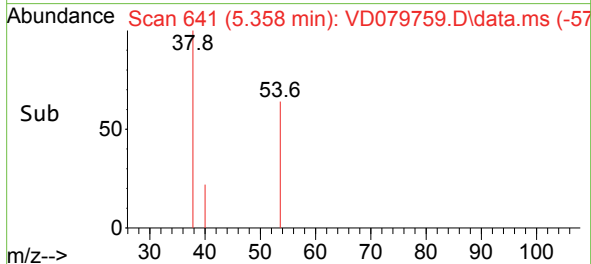
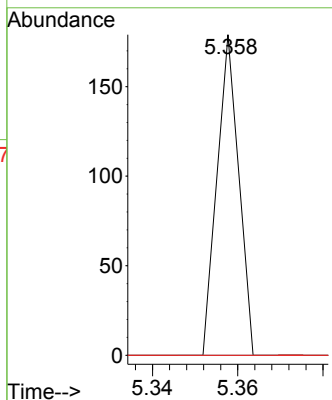


#15
Acrylonitrile
Concen: 1.826 ug/l
RT: 5.358 min Scan# 641
Delta R.T. 0.106 min
Lab File: VD079759.D
Acq: 30 Aug 2024 17:09

Instrument :
MSVOA_D
ClientSampleId :

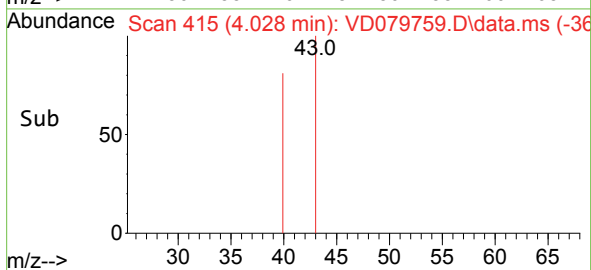
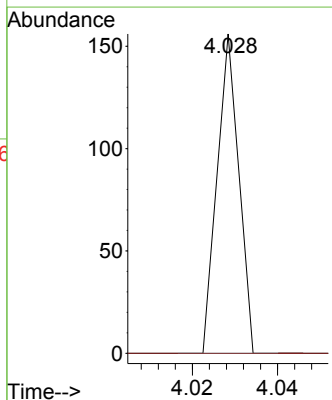
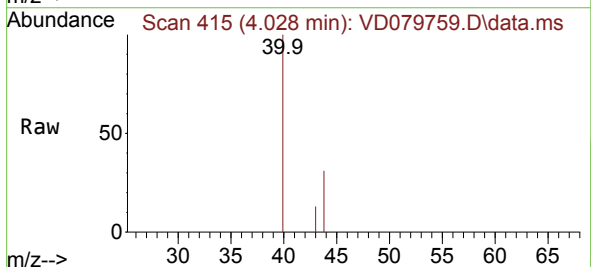


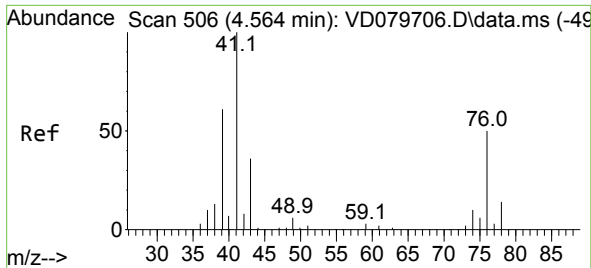
Tgt Ion: 53 Resp: 63
Ion Ratio Lower Upper
53 100
52 0.0 67.7 101.5#
51 0.0 28.6 42.8#



#16
Acetone
Concen: 1.834 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.011 min
Lab File: VD079759.D
Acq: 30 Aug 2024 17:09

Tgt Ion: 43 Resp: 55
Ion Ratio Lower Upper
43 100
58 0.0 30.4 45.6#

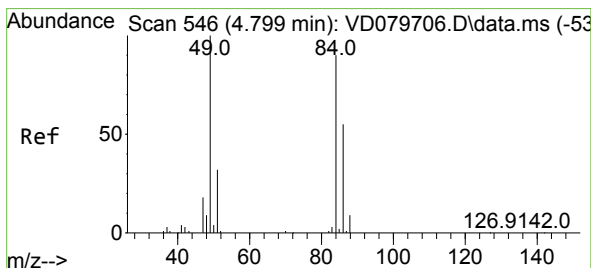
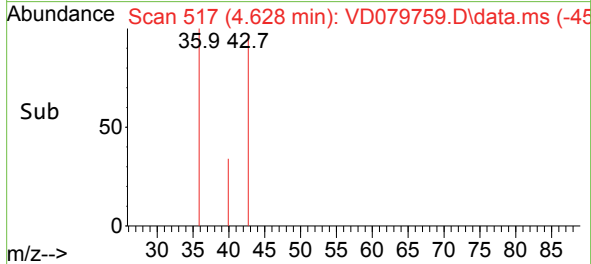
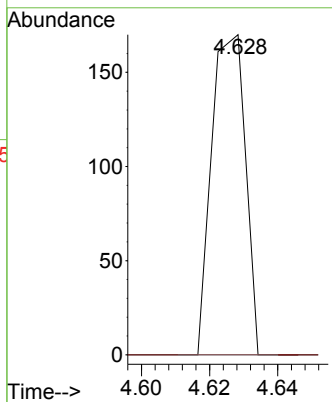
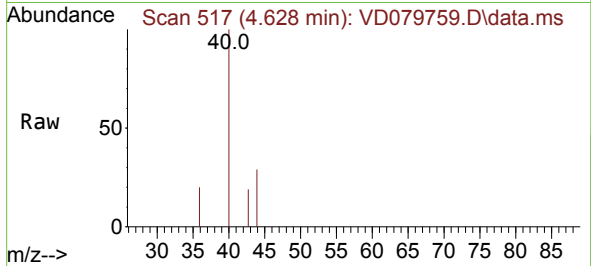




#18
Methyl Acetate
Concen: 1.361 ug/l
RT: 4.628 min Scan# 517
Delta R.T. 0.065 min
Lab File: VD079759.D
Acq: 30 Aug 2024 17:09

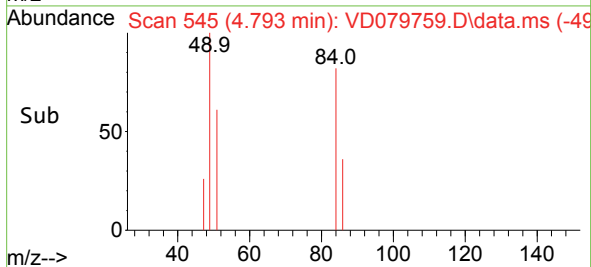
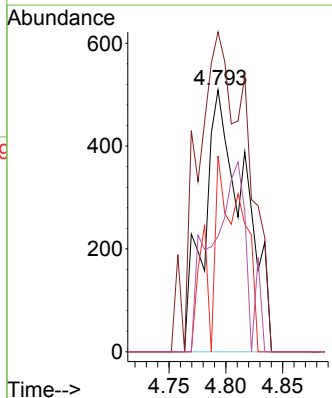
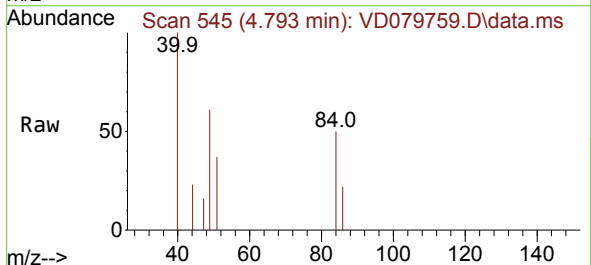
Instrument :
MSVOA_D
ClientSampleId :

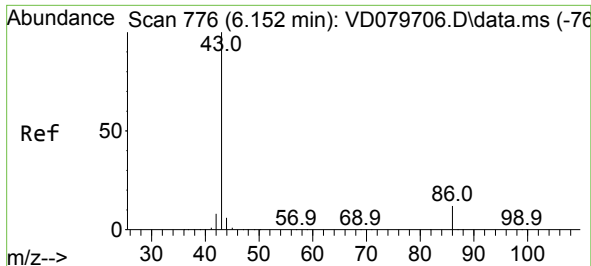
Tgt Ion: 43 Resp: 117
Ion Ratio Lower Upper
43 100
74 0.0 28.1 42.1#



#20
Methylene Chloride
Concen: 4.637 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD079759.D
Acq: 30 Aug 2024 17:09

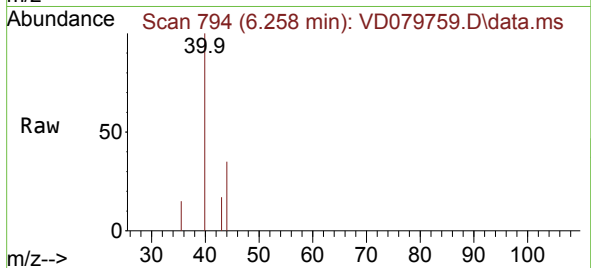
Tgt Ion: 84 Resp: 1259
Ion Ratio Lower Upper
84 100
49 122.2 75.6 113.4#
51 74.9 24.2 36.2#
86 44.2 49.2 73.8#



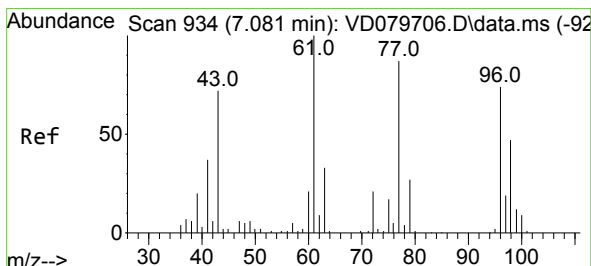
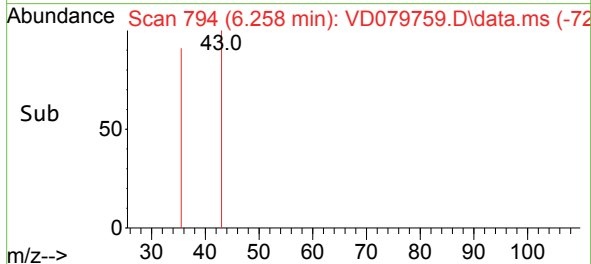
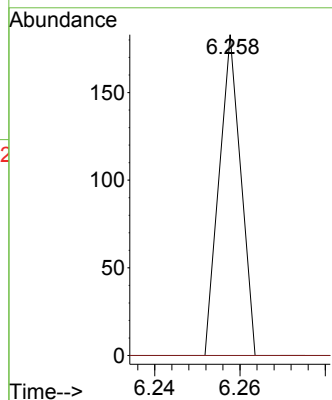


#23
 Vinyl Acetate
 Concen: 2.792 ug/l
 RT: 6.258 min Scan# 794
 Delta R.T. 0.106 min
 Lab File: VD079759.D
 Acq: 30 Aug 2024 17:09

Instrument :
 MSVOA_D
 ClientSampleId :

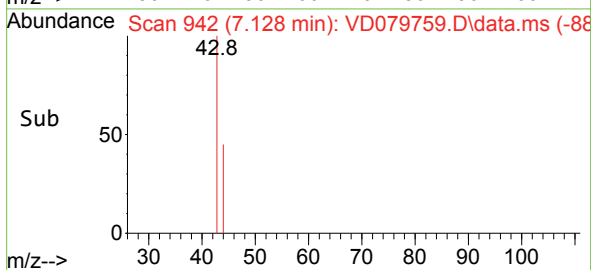
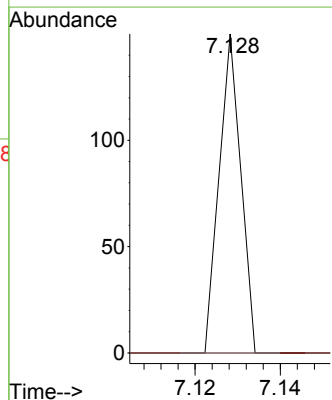
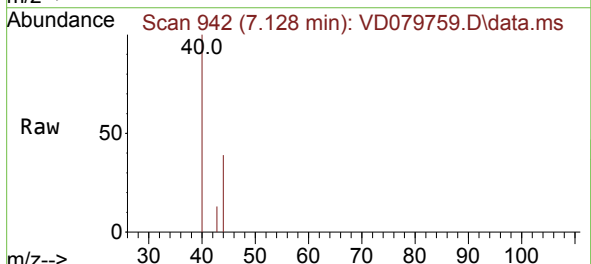


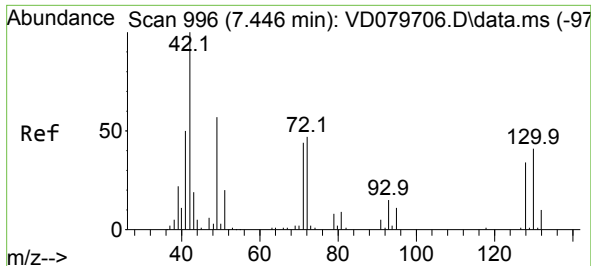
Tgt Ion: 43 Resp: 65
 Ion Ratio Lower Upper
 43 100
 86 0.0 12.3 18.5#



#25
 2-Butanone
 Concen: 1.324 ug/l
 RT: 7.128 min Scan# 942
 Delta R.T. 0.047 min
 Lab File: VD079759.D
 Acq: 30 Aug 2024 17:09

Tgt Ion: 43 Resp: 53
 Ion Ratio Lower Upper
 43 100
 72 0.0 26.4 39.6#





#29

Tetrahydrofuran

Concen: 2.263 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. 0.147 min

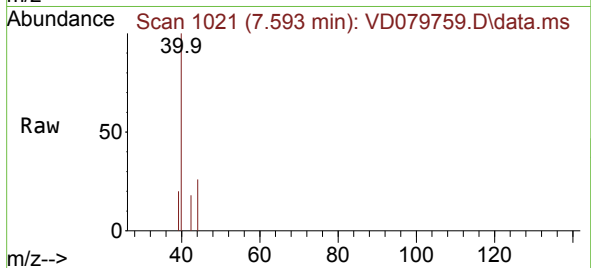
Lab File: VD079759.D

Acq: 30 Aug 2024 17:09

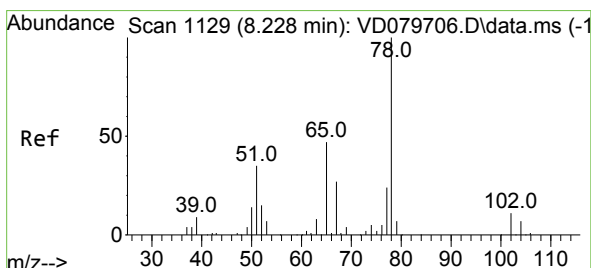
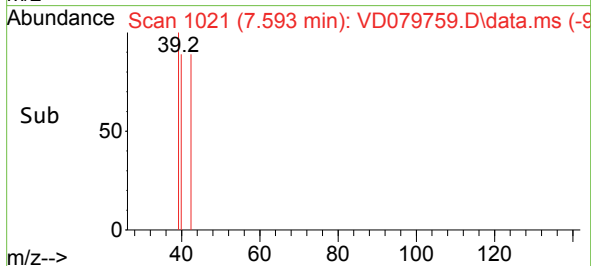
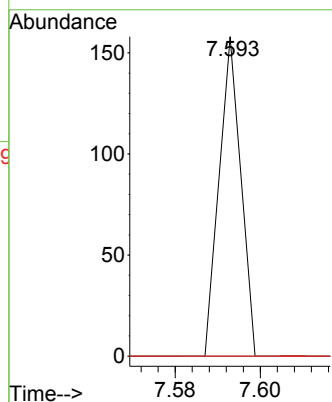
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	42	Resp:	56
Ion	Ratio	Lower	Upper
42	100		
72	0.0	49.4	74.0#
71	0.0	45.0	67.6#



#33

1,2-Dichloroethane-d4

Concen: 97.846 ug/l

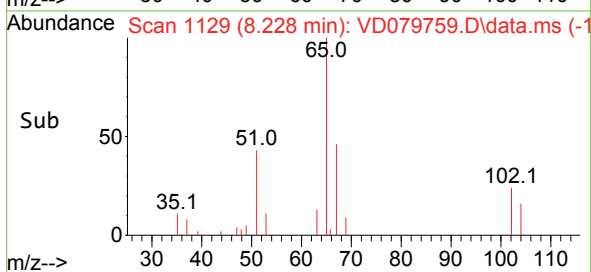
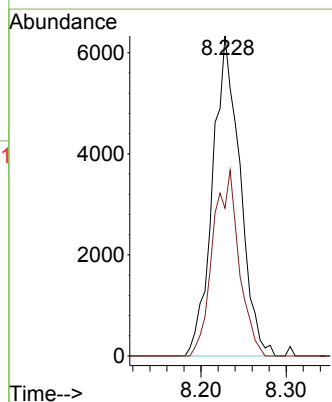
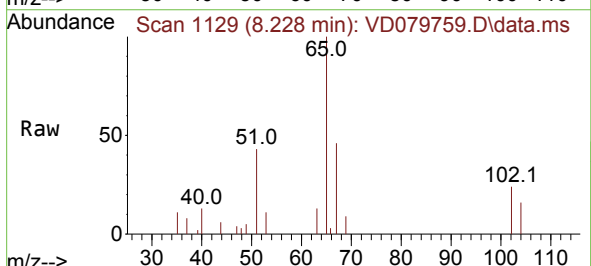
RT: 8.228 min Scan# 1129

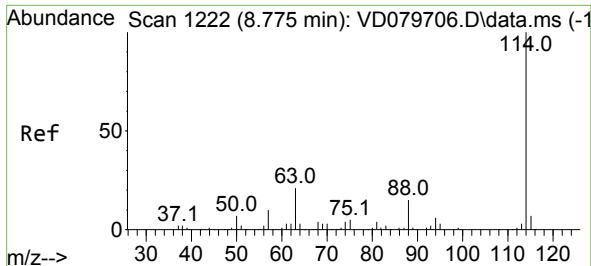
Delta R.T. 0.000 min

Lab File: VD079759.D

Acq: 30 Aug 2024 17:09

Tgt Ion:	65	Resp:	14143
Ion	Ratio	Lower	Upper
65	100		
67	55.3	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: VD079759.D

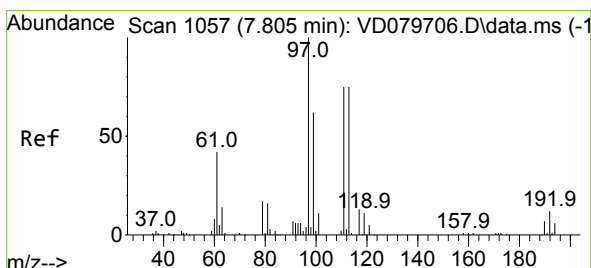
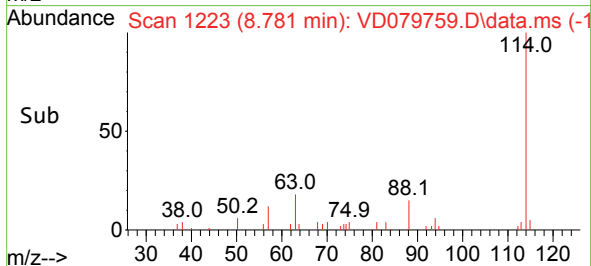
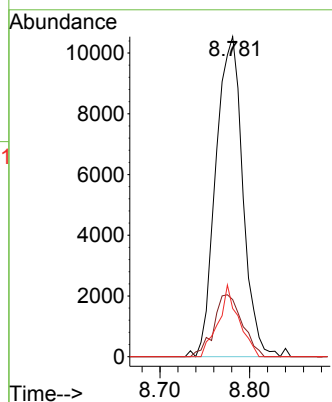
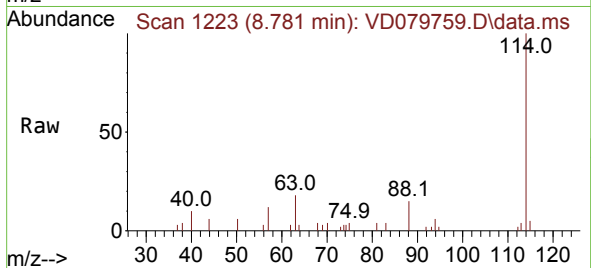
Acq: 30 Aug 2024 17:09

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:114	Resp:	21944
Ion	Ratio	Lower Upper
114	100	
63	17.9	0.0 34.0
88	15.0	0.0 27.2



#35

Dibromofluoromethane

Concen: 69.948 ug/l

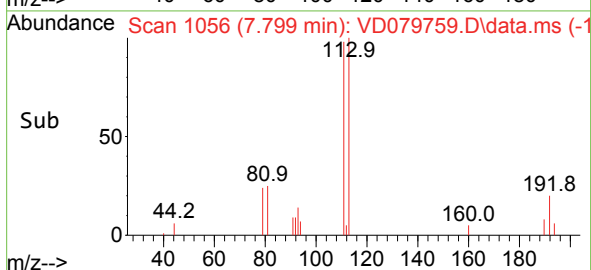
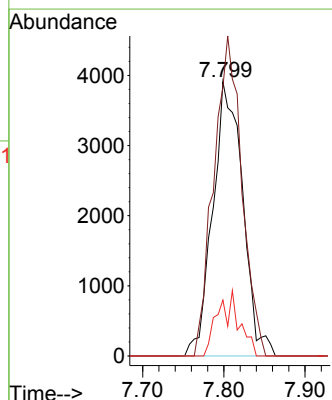
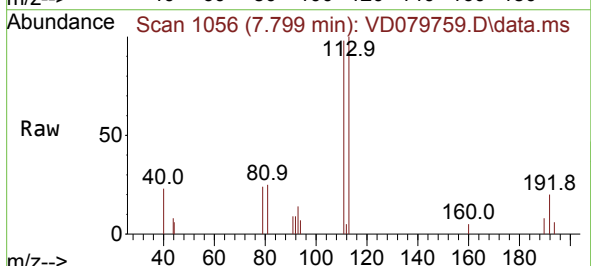
RT: 7.799 min Scan# 1056

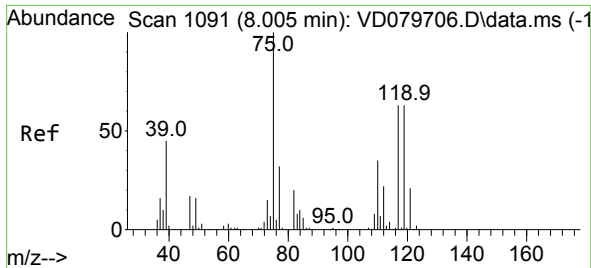
Delta R.T. -0.006 min

Lab File: VD079759.D

Acq: 30 Aug 2024 17:09

Tgt Ion:113	Resp:	9977
Ion	Ratio	Lower Upper
113	100	
111	110.0	84.0 126.0
192	9.0	15.4 23.0

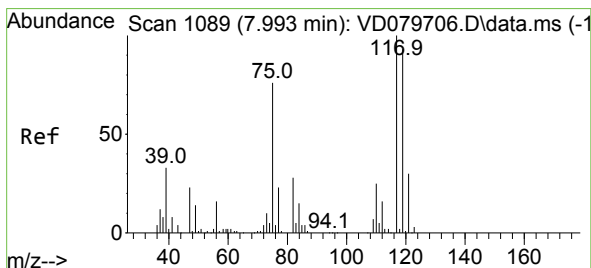
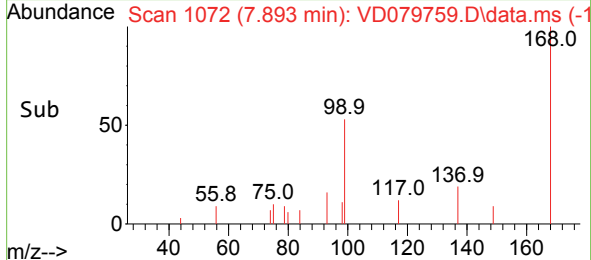
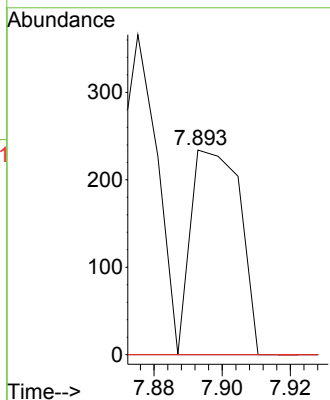
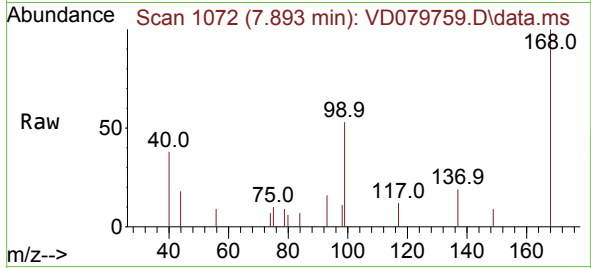




#36
1,1-Dichloropropene
Concen: 1.112 ug/l
RT: 7.893 min Scan# 1068
Delta R.T. -0.112 min
Lab File: VD079759.D
Acq: 30 Aug 2024 17:09

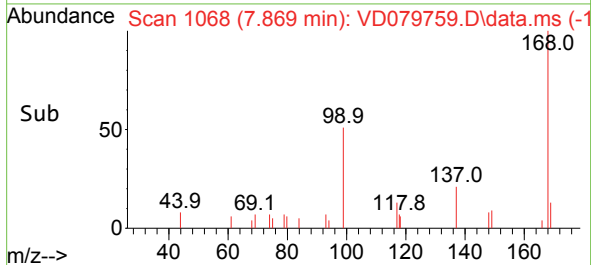
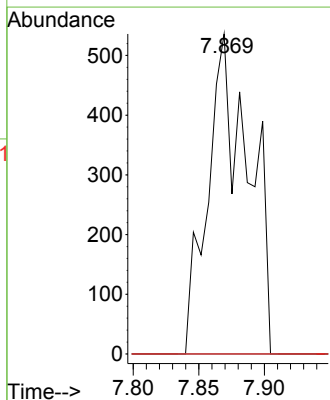
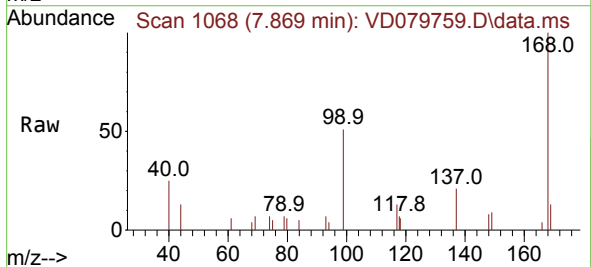
Instrument :
MSVOA_D
ClientSampleId :

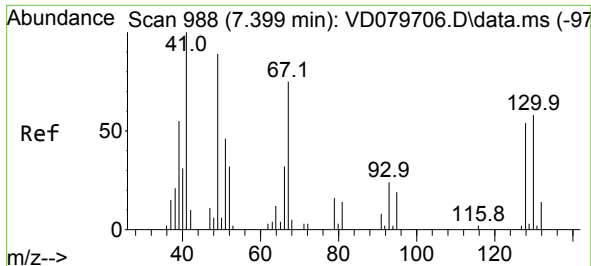
Tgt Ion: 75 Resp: 235
Ion Ratio Lower Upper
75 100
110 0.0 19.6 58.7#
77 0.0 26.1 39.1#



#38
Carbon Tetrachloride
Concen: 5.127 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.123 min
Lab File: VD079759.D
Acq: 30 Aug 2024 17:09

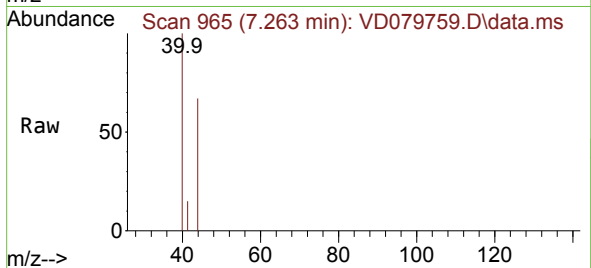
Tgt Ion: 117 Resp: 1156
Ion Ratio Lower Upper
117 100
119 0.0 75.4 113.0#
121 0.0 25.0 37.4#



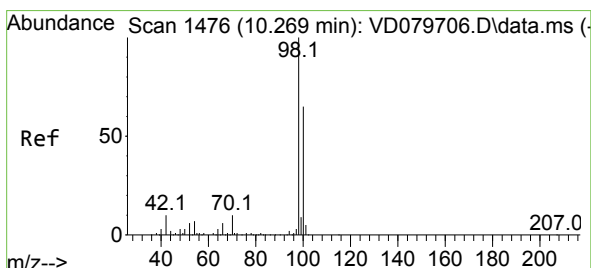
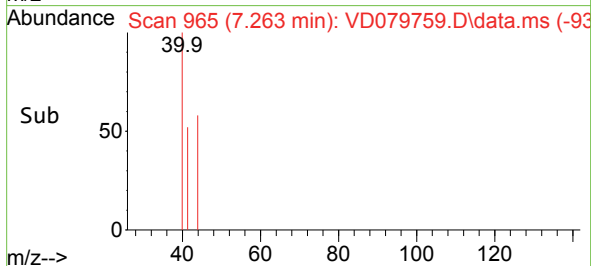
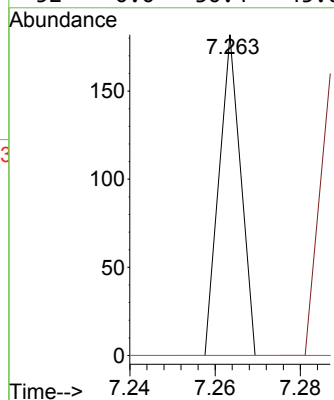


#41
Methacrylonitrile
Concen: 1.197 ug/l
RT: 7.263 min Scan# 91
Delta R.T. -0.136 min
Lab File: VD079759.D
Acq: 30 Aug 2024 17:09

Instrument :
MSVOA_D
ClientSampleId :

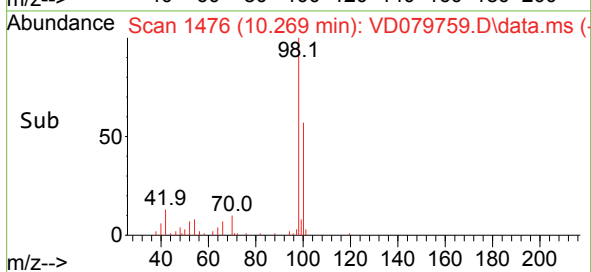
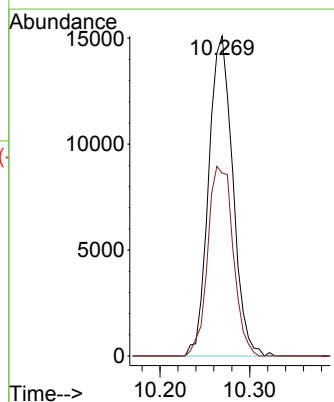
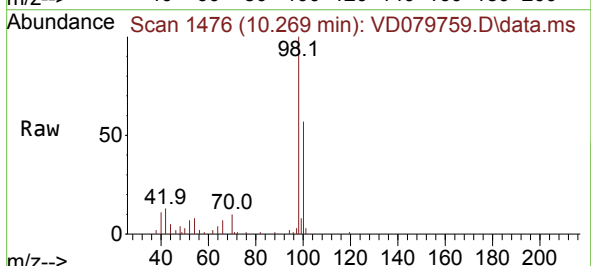


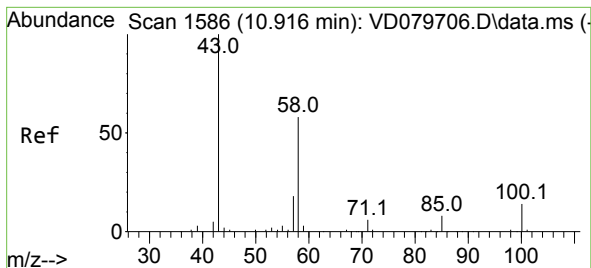
Tgt Ion: 41	Resp: 64
Ion Ratio	Lower Upper
41	100
39	0.0 41.4 62.0#
67	0.0 85.8 128.6#
52	0.0 30.4 45.6#



#50
Toluene-d8
Concen: 45.998 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD079759.D
Acq: 30 Aug 2024 17:09

Tgt Ion: 98	Resp: 28138
Ion Ratio	Lower Upper
98	100
100	62.6 51.6 77.4

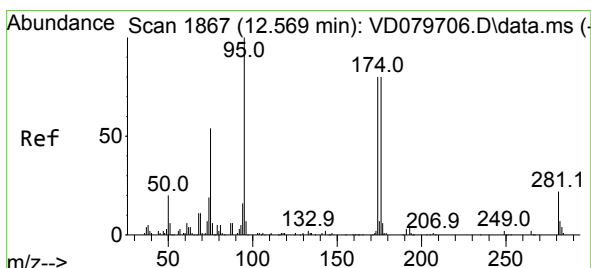
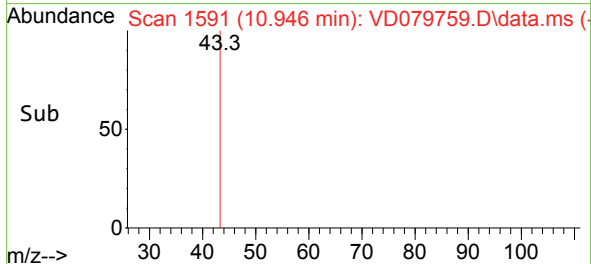
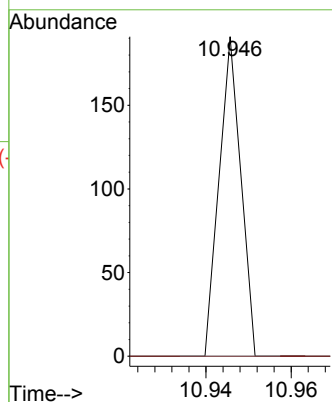
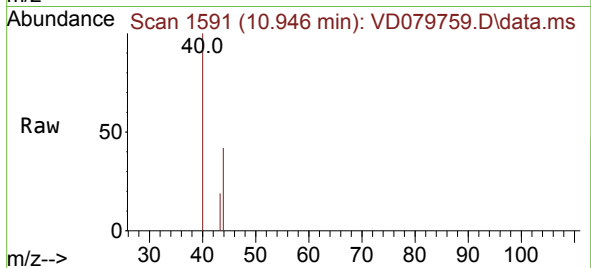




#59
2-Hexanone
Concen: 21.108 ug/l
RT: 10.946 min Scan# 11
Delta R.T. 0.030 min
Lab File: VD079759.D
Acq: 30 Aug 2024 17:09

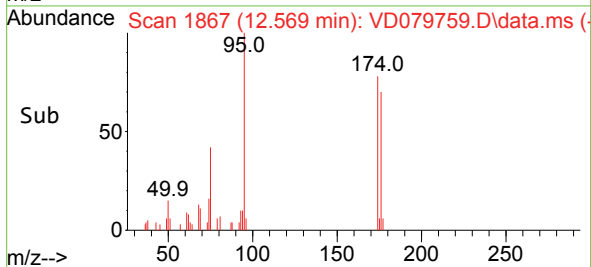
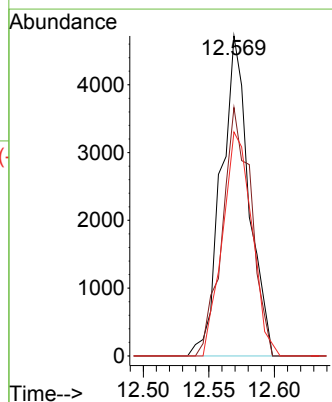
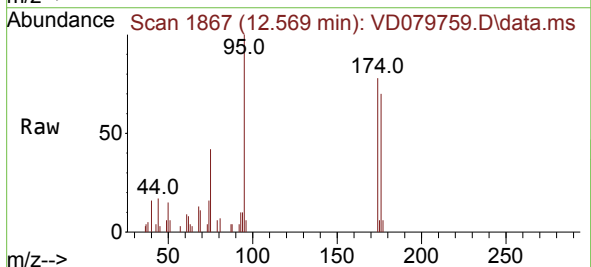
Instrument :
MSVOA_D
ClientSampleId :

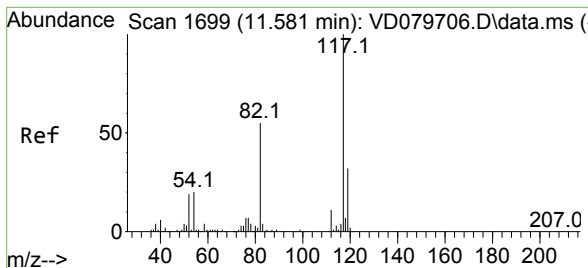
Tgt Ion: 43 Resp: 67
Ion Ratio Lower Upper
43 100
58 0.0 31.1 93.5#



#62
4-Bromofluorobenzene
Concen: 40.610 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD079759.D
Acq: 30 Aug 2024 17:09

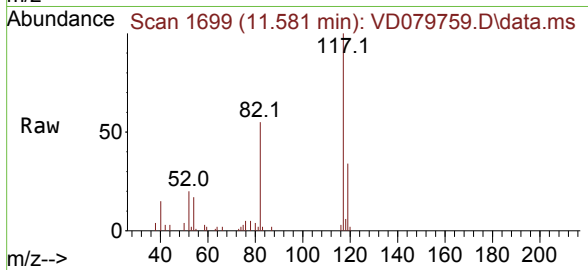
Tgt Ion: 95 Resp: 6951
Ion Ratio Lower Upper
95 100
174 80.8 0.0 195.4
176 74.3 0.0 192.6



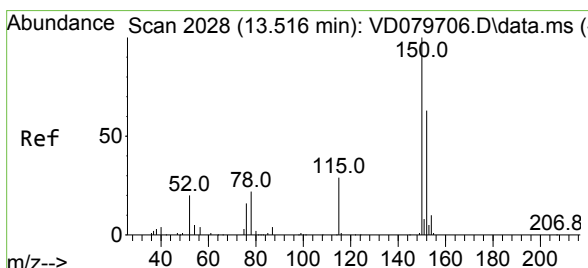
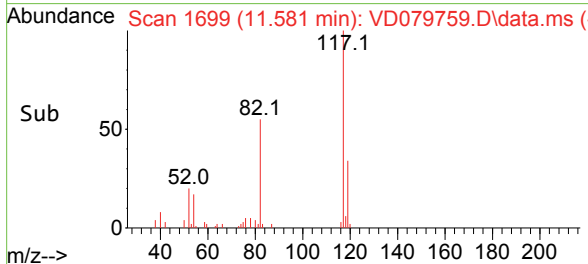
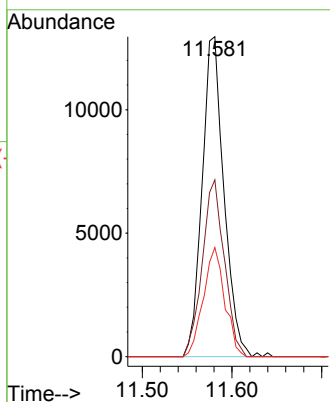


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD079759.D
Acq: 30 Aug 2024 17:09

Instrument :
MSVOA_D
ClientSampleId :

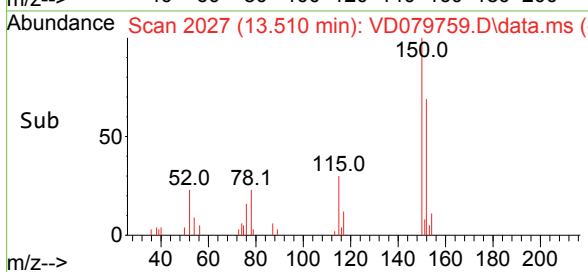
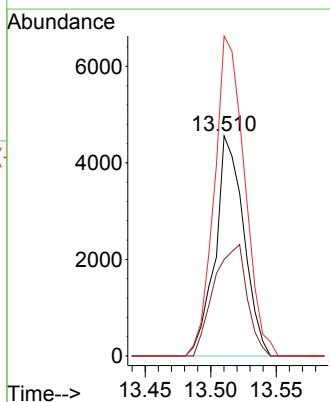
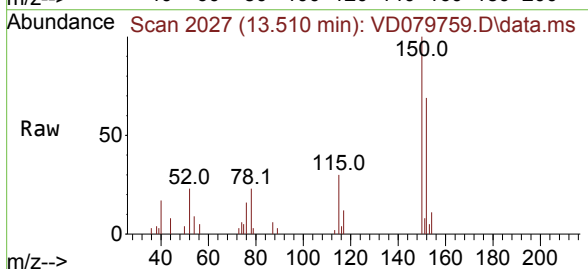


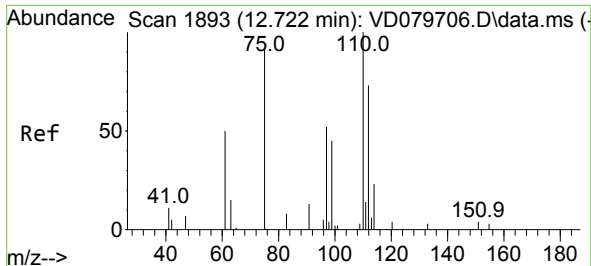
Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.2	39.8	59.6
119	34.1	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. -0.006 min
Lab File: VD079759.D
Acq: 30 Aug 2024 17:09

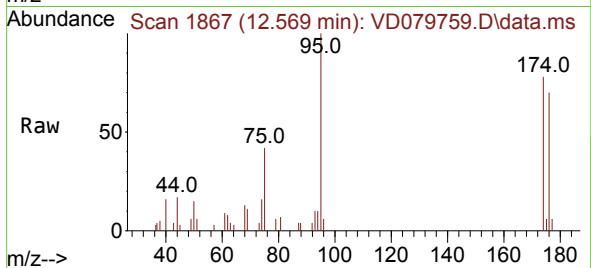
Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.9	26.5	79.5
150	154.0	0.0	341.6



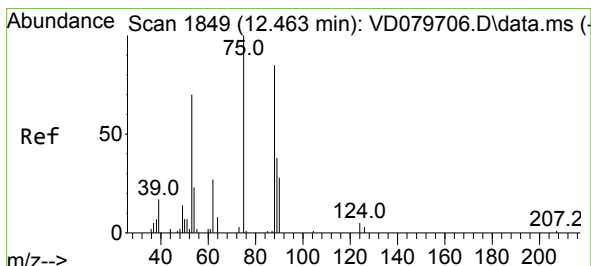
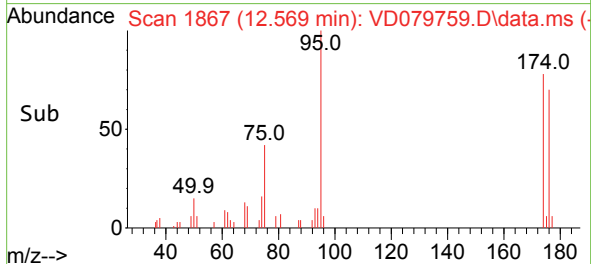
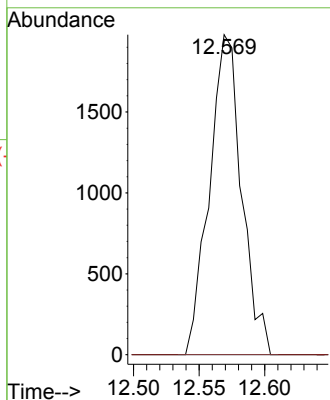


#76
1,2,3-Trichloropropane
Concen: 57.313 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD079759.D
Acq: 30 Aug 2024 17:09

Instrument :
MSVOA_D
ClientSampleId :

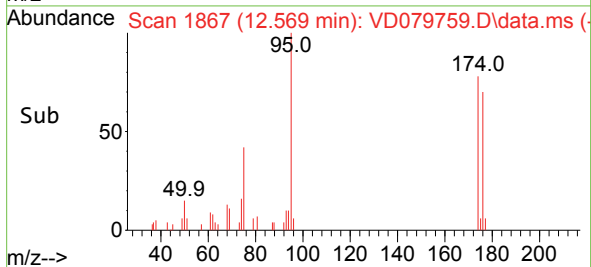
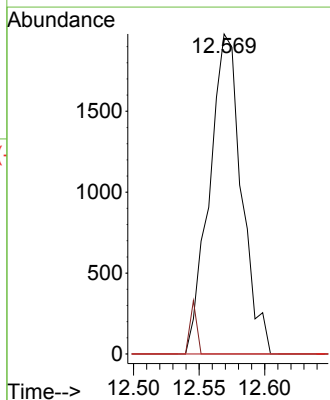
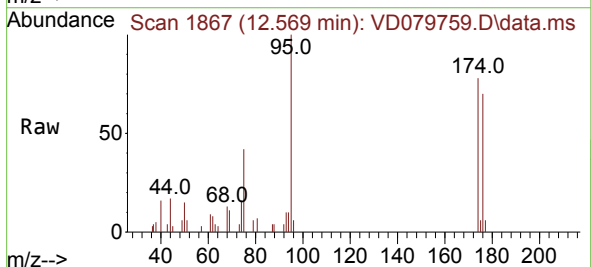


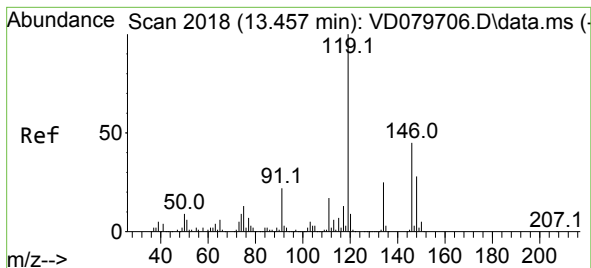
Tgt Ion: 75 Resp: 3378
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 95.592 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.106 min
Lab File: VD079759.D
Acq: 30 Aug 2024 17:09

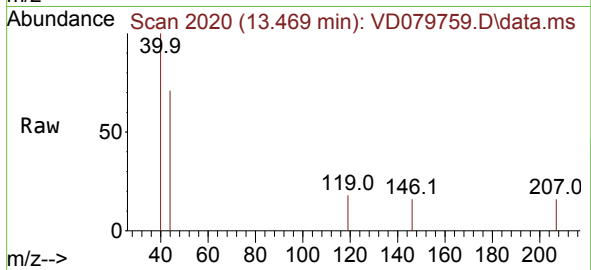
Tgt Ion: 75 Resp: 3378
Ion Ratio Lower Upper
75 100
53 0.0 61.4 92.2#
89 0.0 35.4 53.0#



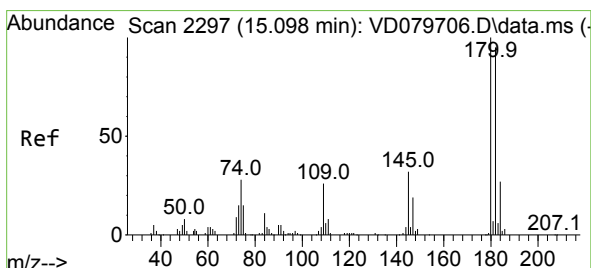
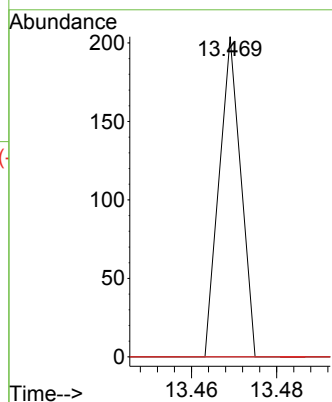
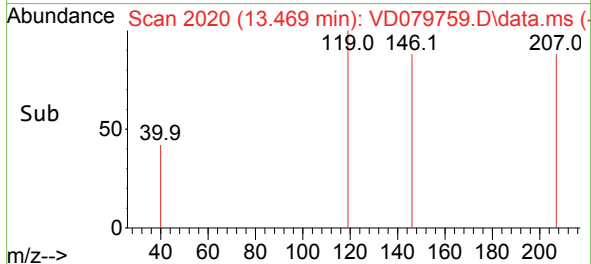


#86
p-Isopropyltoluene
Concen: 3.878 ug/l
RT: 13.469 min Scan# 2018
Delta R.T. 0.012 min
Lab File: VD079759.D
Acq: 30 Aug 2024 17:09

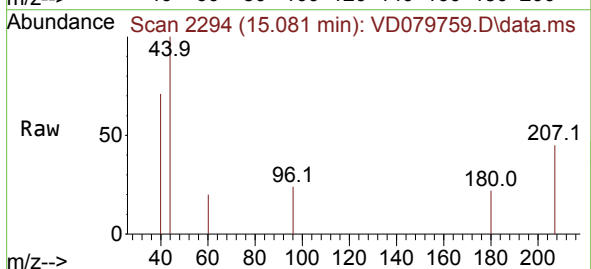
Instrument :
MSVOA_D
ClientSampleId :



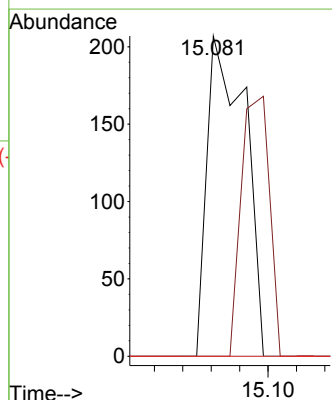
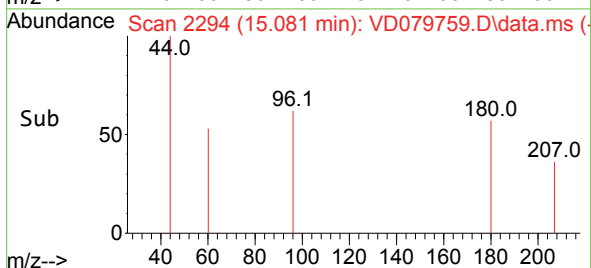
Tgt Ion:119 Resp: 72
Ion Ratio Lower Upper
119 100
134 0.0 13.7 41.1#
91 0.0 10.7 32.1#

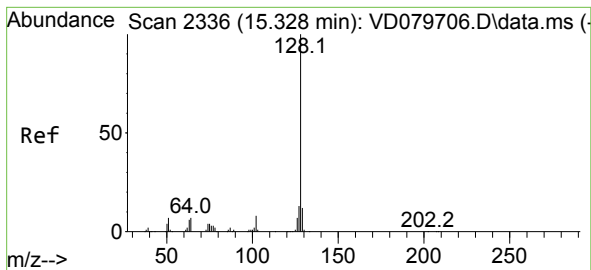


#93
1,2,4-Trichlorobenzene
Concen: 1.741 ug/l
RT: 15.081 min Scan# 2294
Delta R.T. -0.018 min
Lab File: VD079759.D
Acq: 30 Aug 2024 17:09



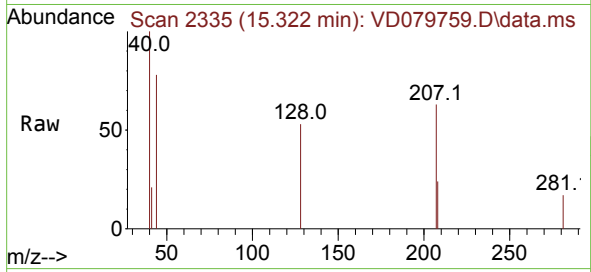
Tgt Ion:180 Resp: 192
Ion Ratio Lower Upper
180 100
182 60.4 46.9 140.7
145 0.0 14.0 41.9#





#95
Naphthalene
Concen: 2.077 ug/l
RT: 15.322 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD079759.D
Acq: 30 Aug 2024 17:09

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:128 Resp: 465
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4#
129 0.0 8.5 12.7#

