

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD090424\
 Data File : VD079774.D
 Acq On : 04 Sep 2024 15:28
 Operator : RP/MD
 Sample : P3813-03
 Misc : 5.06G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 04 15:53:24 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)

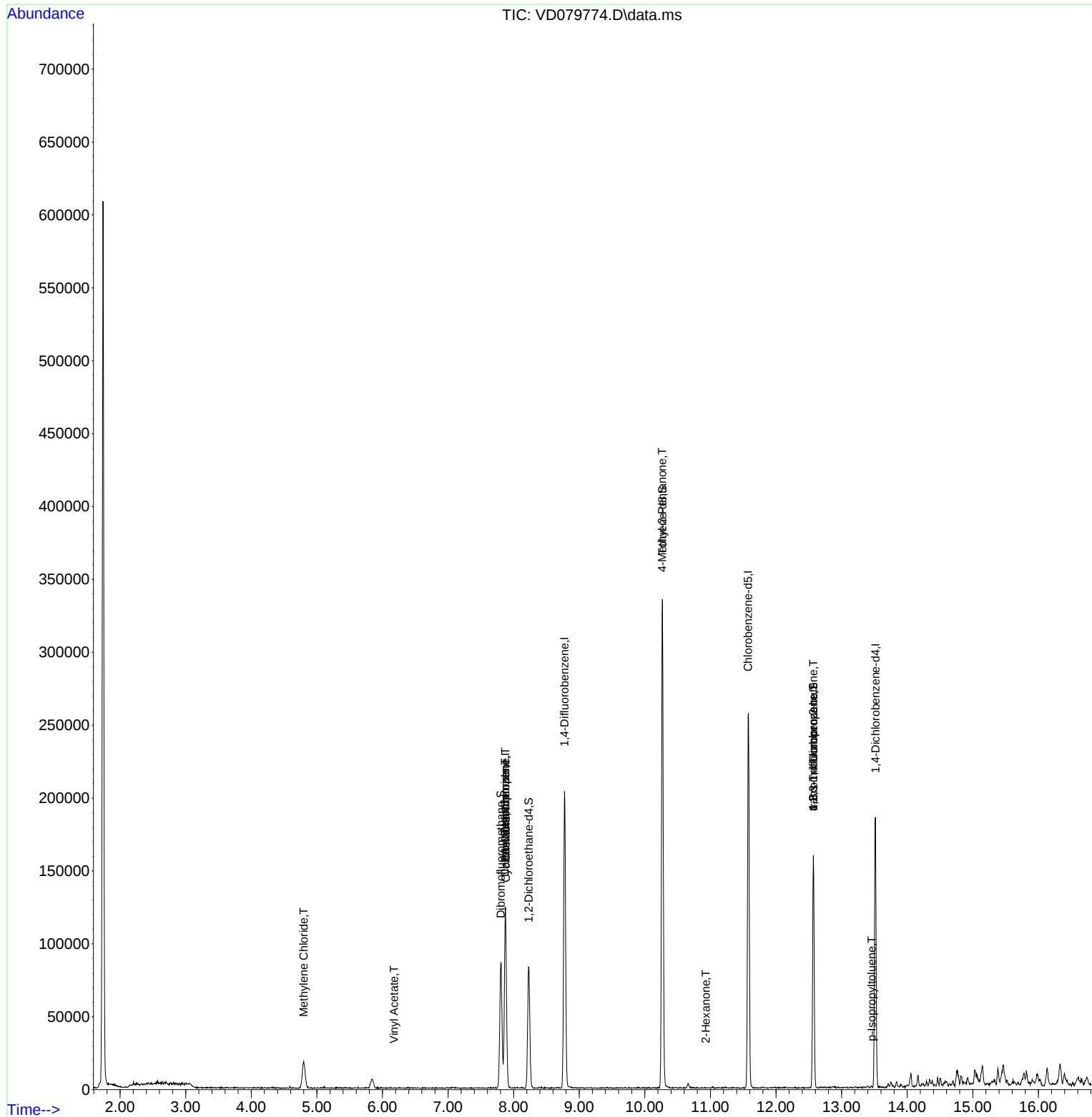
Internal Standards						
1) Pentafluorobenzene	7.875	168	83545	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	174731	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	147952	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	49620	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	66860	58.694	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.380%	
35) Dibromofluoromethane	7.804	113	62747	55.248	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.500%	
50) Toluene-d8	10.269	98	236645	48.583	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.160%	
62) 4-Bromofluorobenzene	12.569	95	49825	36.558	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 73.120%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.799	84	13818	7.522	ug/l	# 86
23) Vinyl Acetate	6.175	43	98	2.562	ug/l	# 63
31) Cyclohexane	7.881	56	2544	1.336	ug/l	# 52
36) 1,1-Dichloropropene	7.875	75	7888	4.686	ug/l	# 49
38) Carbon Tetrachloride	7.869	117	9429	5.252	ug/l	# 13
51) 4-Methyl-2-Pentanone	10.263	43	1037	1.430	ug/l	# 1
59) 2-Hexanone	10.928	43	54	20.321	ug/l	# 19
76) 1,2,3-Trichloropropane	12.569	75	26083	61.502	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.569	75	26083	102.579	ug/l	# 19
86) p-Isopropyltoluene	13.457	119	609	3.902	ug/l	# 72

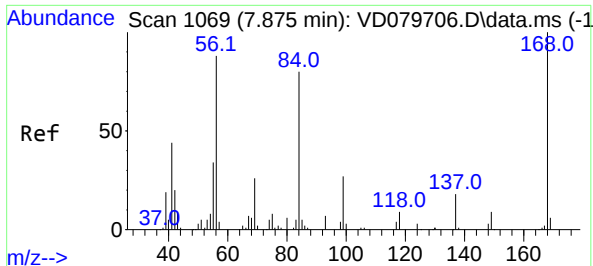
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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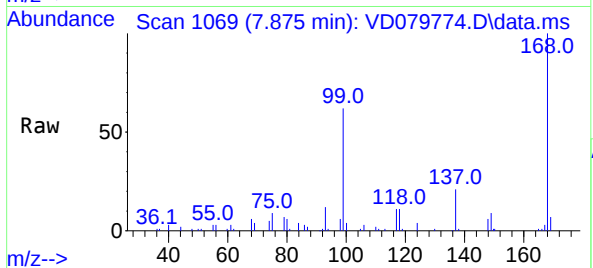
Quant Time: Sep 04 15:53:24 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D083024S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 30 15:57:30 2024
Response via : Initial Calibration



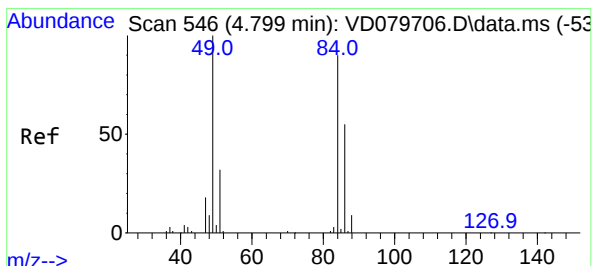
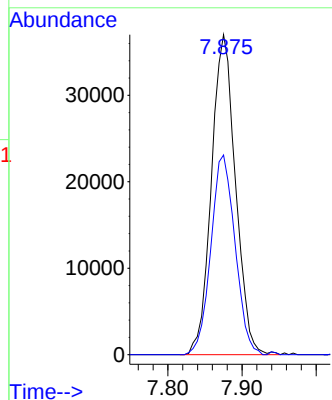
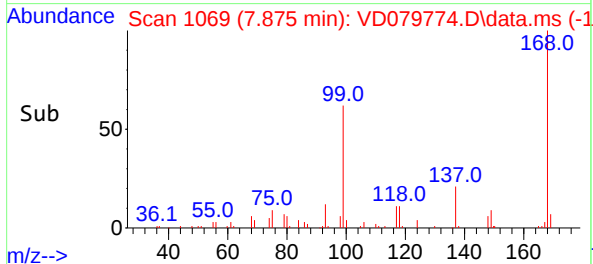


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD079774.D
Acq: 04 Sep 2024 15:28

Instrument :
MSVOA_D
ClientSampleId :

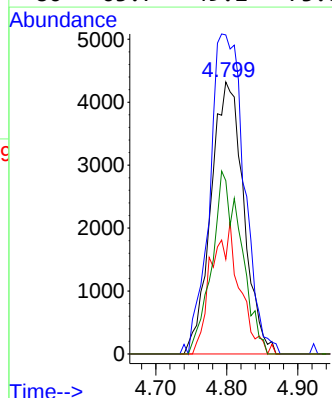
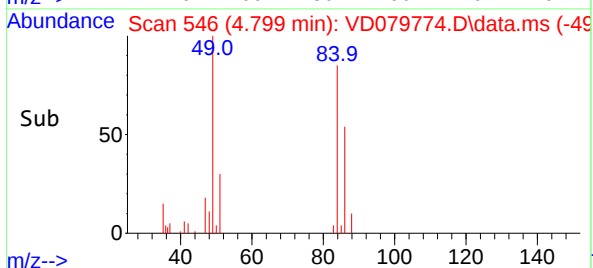
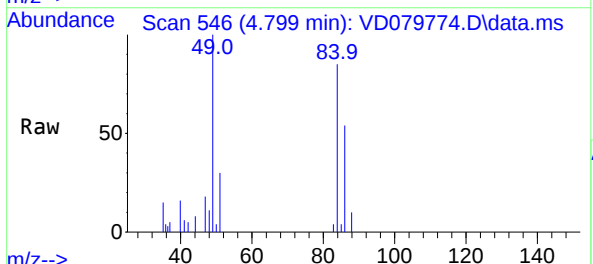


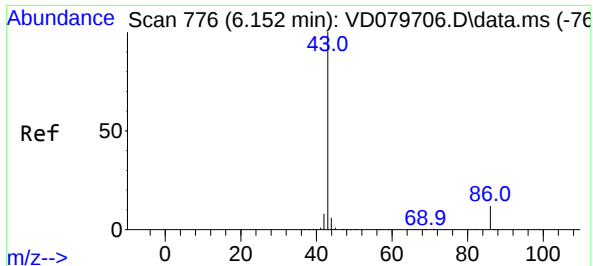
Tgt Ion:168 Resp: 83545
Ion Ratio Lower Upper
168 100
99 62.4 41.1 61.7#



#20
Methylene Chloride
Concen: 7.522 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD079774.D
Acq: 04 Sep 2024 15:28

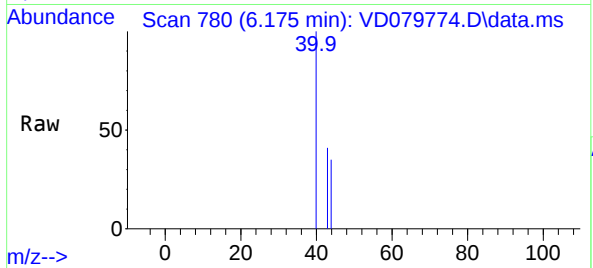
Tgt Ion: 84 Resp: 13818
Ion Ratio Lower Upper
84 100
49 117.3 75.6 113.4#
51 34.8 24.2 36.2
86 63.7 49.2 73.8



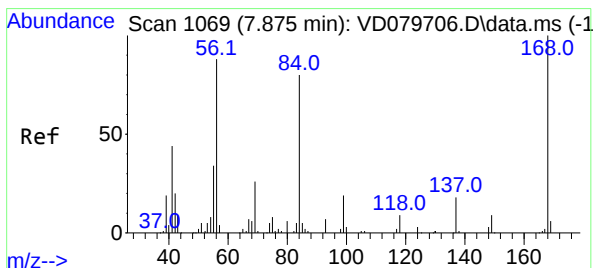
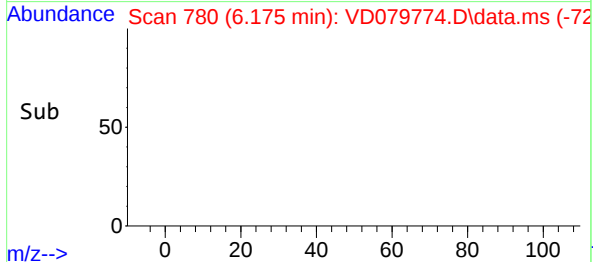
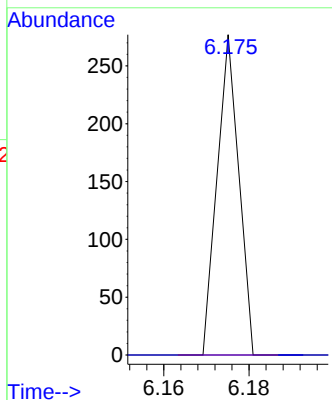


#23
Vinyl Acetate
Concen: 2.562 ug/l
RT: 6.175 min Scan# 71
Delta R.T. 0.023 min
Lab File: VD079774.D
Acq: 04 Sep 2024 15:28

Instrument :
MSVOA_D
ClientSampleId :

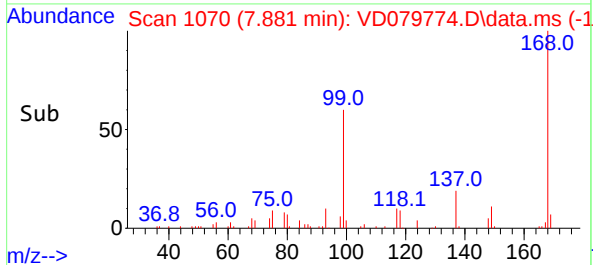
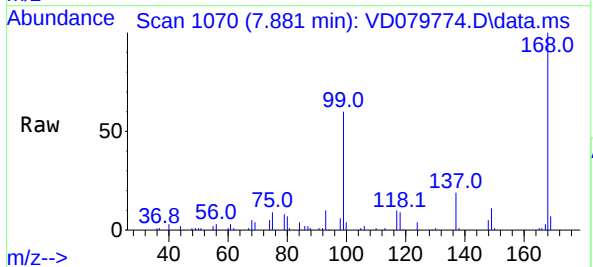
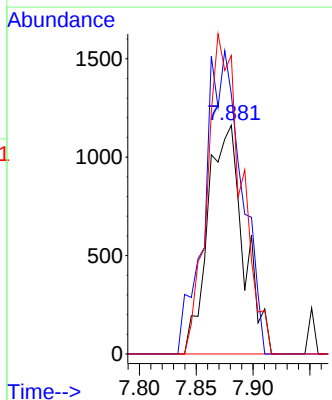


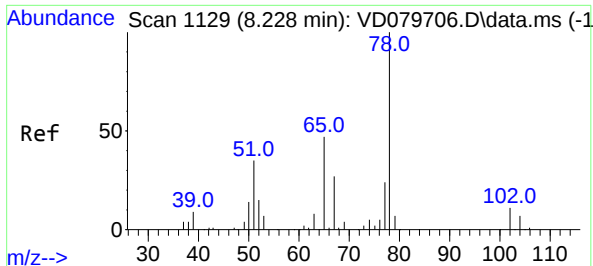
Tgt Ion: 43 Resp: 98
Ion Ratio Lower Upper
43 100
86 0.0 12.3 18.5#



#31
Cyclohexane
Concen: 1.336 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD079774.D
Acq: 04 Sep 2024 15:28

Tgt Ion: 56 Resp: 2544
Ion Ratio Lower Upper
56 100
69 113.6 28.0 42.0#
84 130.5 87.4 131.0





#33

1,2-Dichloroethane-d4

Concen: 58.694 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD079774.D

Acq: 04 Sep 2024 15:28

Instrument :

MSVOA_D

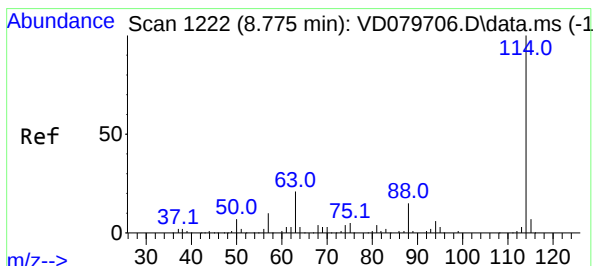
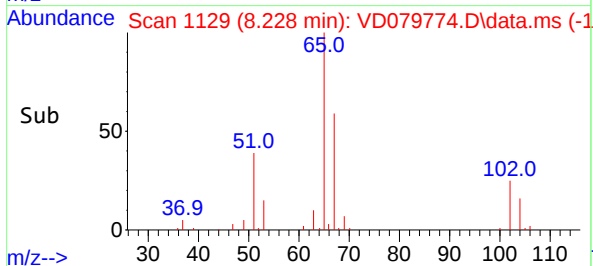
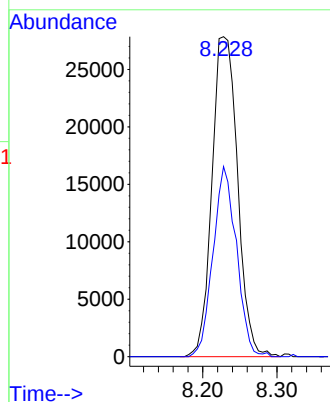
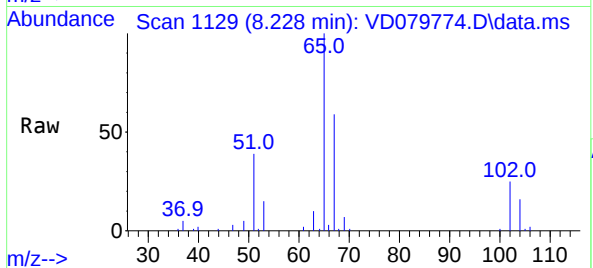
ClientSampleId :

Tgt Ion: 65 Resp: 66860

Ion Ratio Lower Upper

65 100

67 54.3 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: VD079774.D

Acq: 04 Sep 2024 15:28

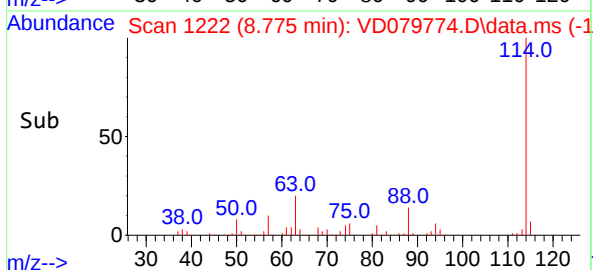
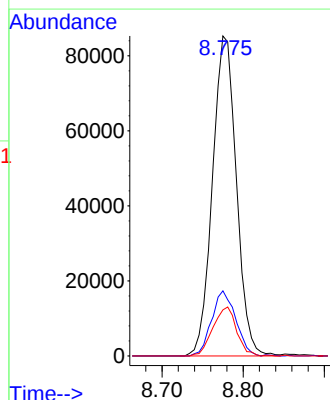
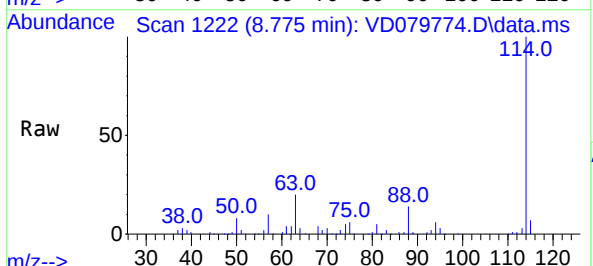
Tgt Ion:114 Resp: 174731

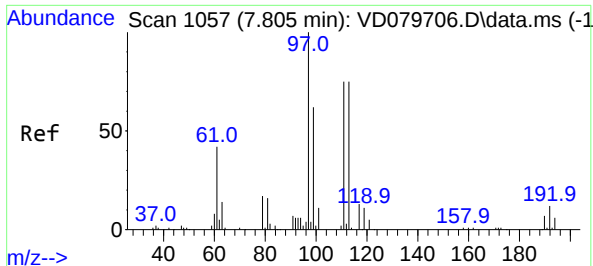
Ion Ratio Lower Upper

114 100

63 20.3 0.0 34.0

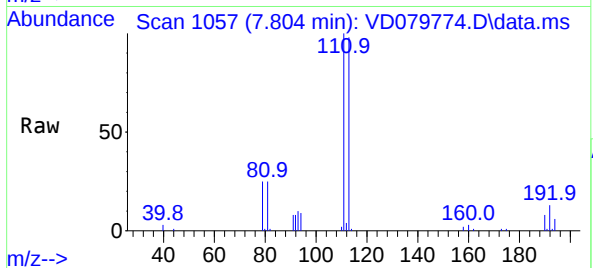
88 14.4 0.0 27.2



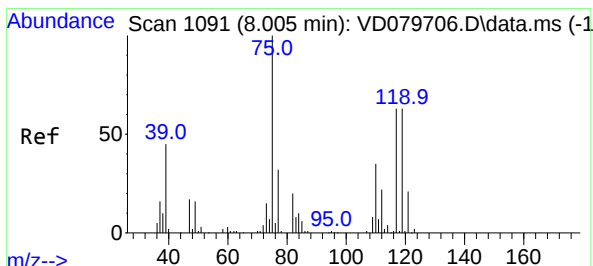
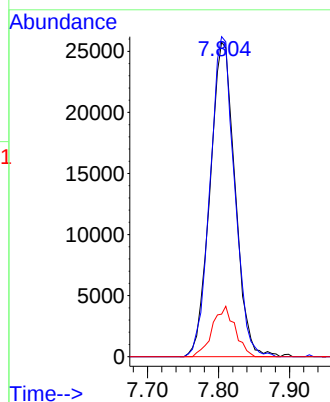
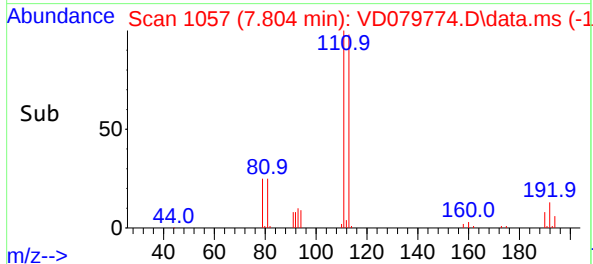


#35
Dibromofluoromethane
Concen: 55.248 ug/l
RT: 7.804 min Scan# 1069
Delta R.T. -0.001 min
Lab File: VD079774.D
Acq: 04 Sep 2024 15:28

Instrument :
MSVOA_D
ClientSampleId :

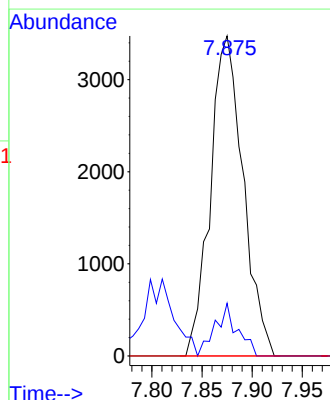
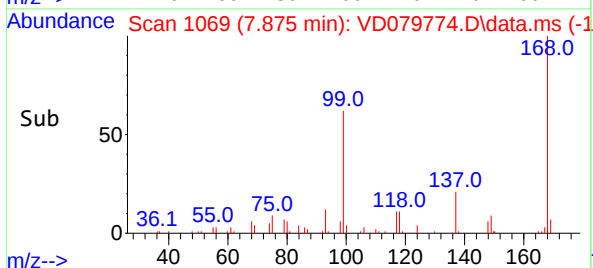
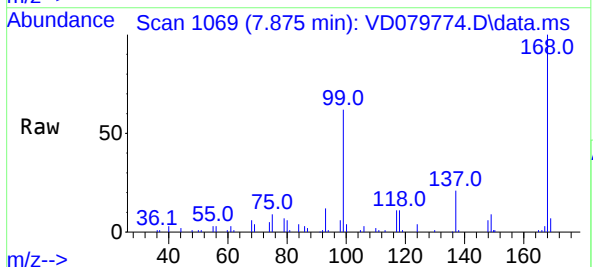


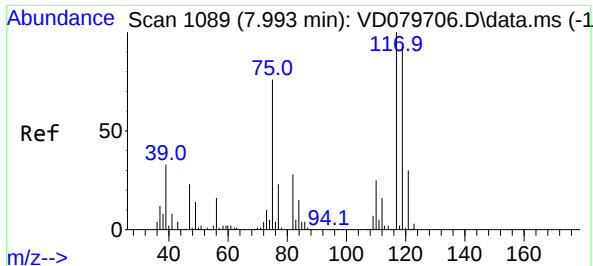
Tgt Ion:113 Resp: 62747
Ion Ratio Lower Upper
113 100
111 99.5 84.0 126.0
192 14.6 15.4 23.0#



#36
1,1-Dichloropropene
Concen: 4.686 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.130 min
Lab File: VD079774.D
Acq: 04 Sep 2024 15:28

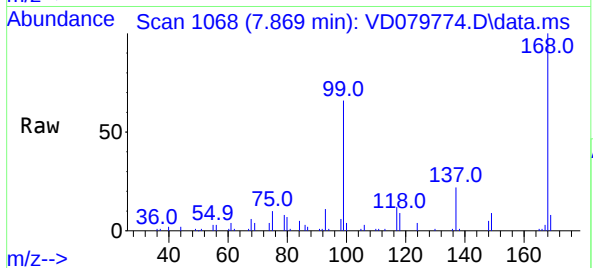
Tgt Ion: 75 Resp: 7888
Ion Ratio Lower Upper
75 100
110 11.1 19.6 58.7#
77 0.0 26.1 39.1#



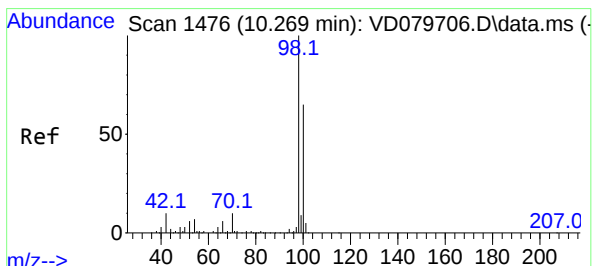
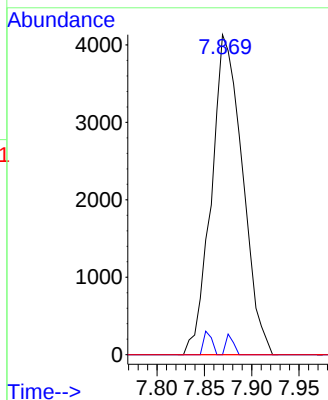
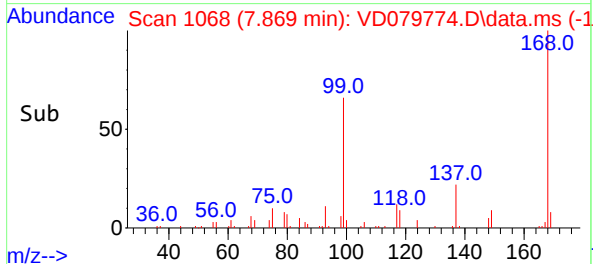


#38
Carbon Tetrachloride
Concen: 5.252 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.124 min
Lab File: VD079774.D
Acq: 04 Sep 2024 15:28

Instrument :
MSVOA_D
ClientSampleId :

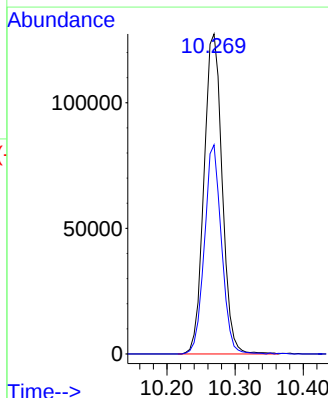
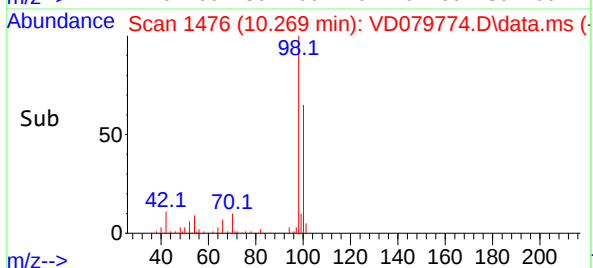
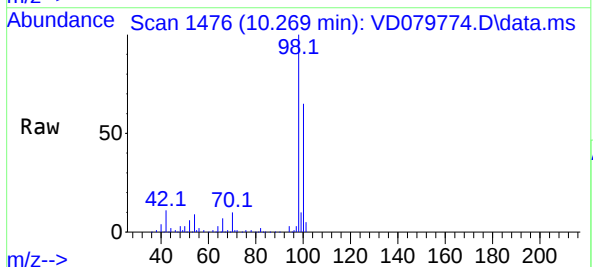


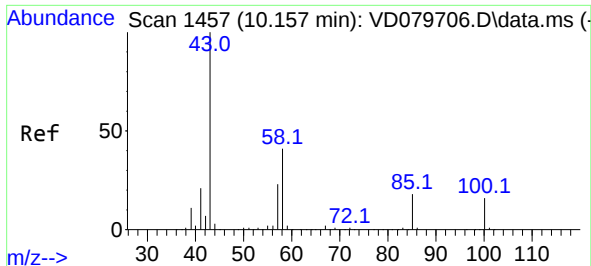
Tgt Ion:117 Resp: 9429
Ion Ratio Lower Upper
117 100
119 0.0 75.4 113.0#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 48.583 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD079774.D
Acq: 04 Sep 2024 15:28

Tgt Ion: 98 Resp: 236645
Ion Ratio Lower Upper
98 100
100 61.2 51.6 77.4

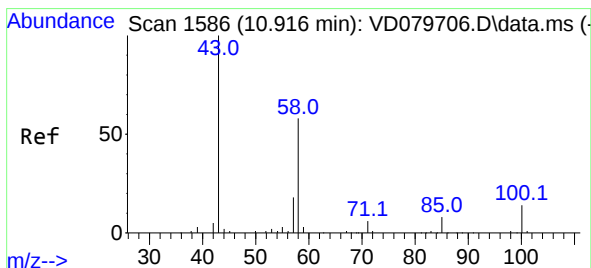
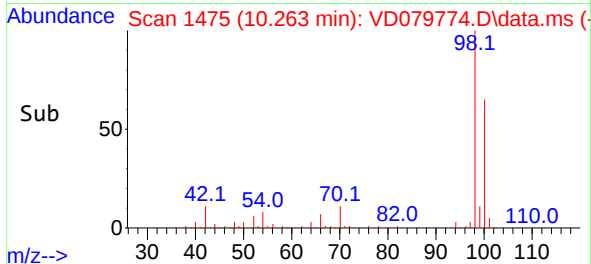
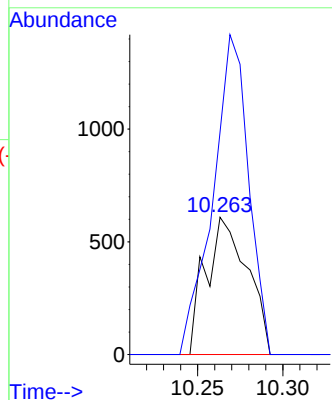
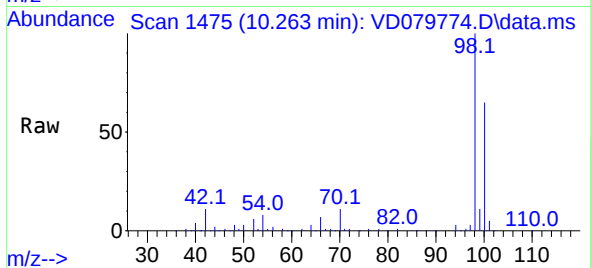




#51
4-Methyl-2-Pentanone
Concen: 1.430 ug/l
RT: 10.263 min Scan# 1457
Delta R.T. 0.106 min
Lab File: VD079774.D
Acq: 04 Sep 2024 15:28

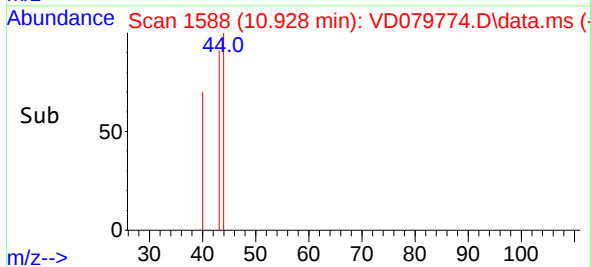
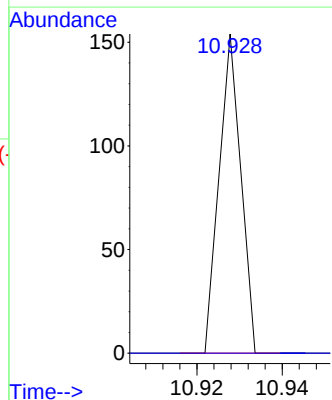
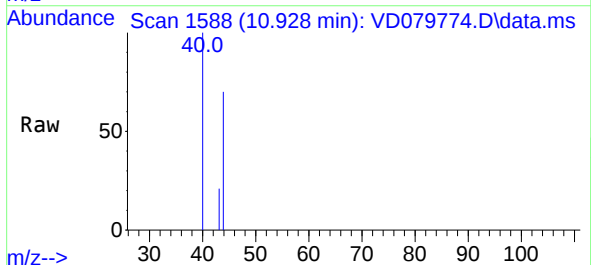
Instrument :
MSVOA_D
ClientSampleId :

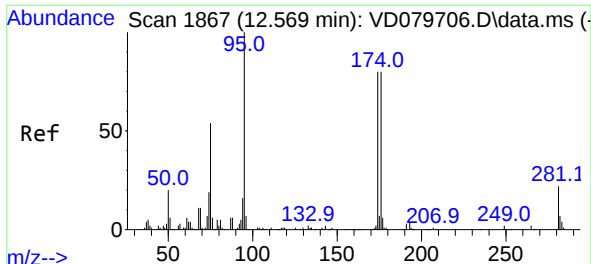
Tgt Ion: 43 Resp: 1037
Ion Ratio Lower Upper
43 100
58 199.8 36.6 55.0#



#59
2-Hexanone
Concen: 20.321 ug/l
RT: 10.928 min Scan# 1588
Delta R.T. 0.012 min
Lab File: VD079774.D
Acq: 04 Sep 2024 15:28

Tgt Ion: 43 Resp: 54
Ion Ratio Lower Upper
43 100
58 0.0 31.1 93.5#

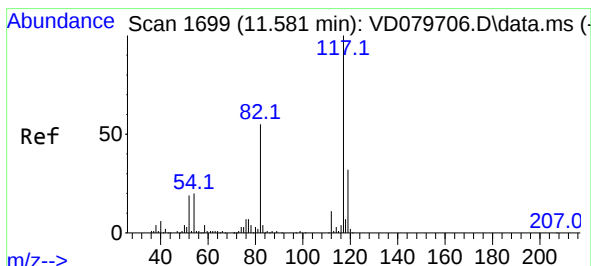
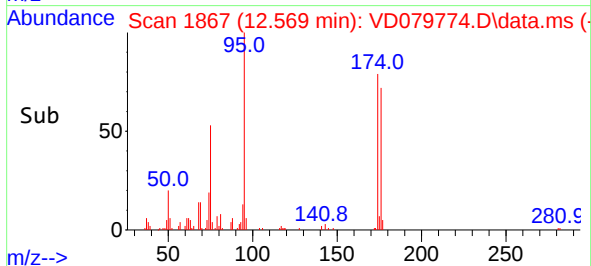
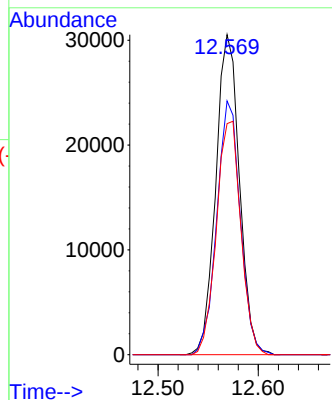
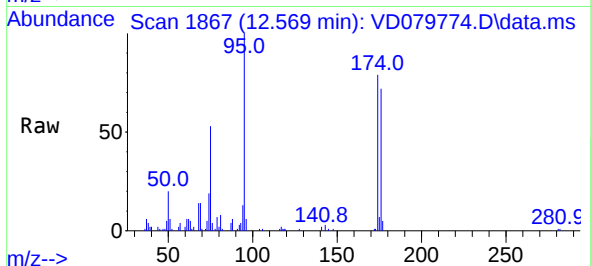




#62
4-Bromofluorobenzene
Concen: 36.558 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079774.D
Acq: 04 Sep 2024 15:28

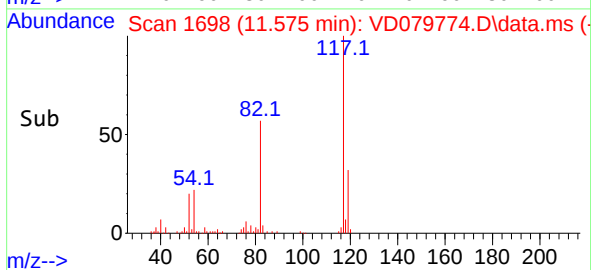
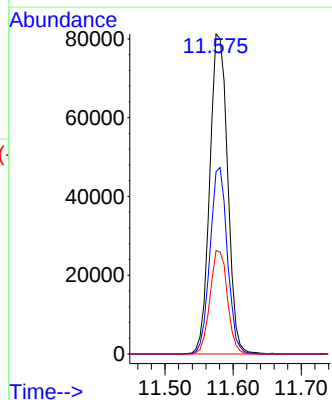
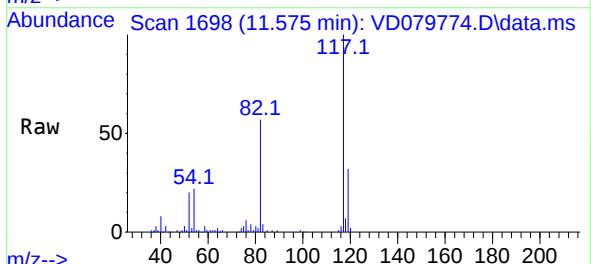
Instrument :
MSVOA_D
ClientSampleId :

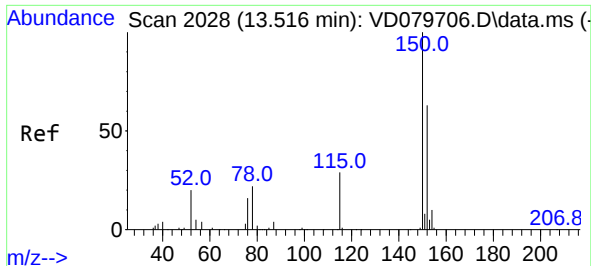
Tgt Ion:	95	Resp:	49825
Ion	Ratio	Lower	Upper
95	100		
174	79.0	0.0	195.4
176	75.5	0.0	192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 1698
Delta R.T. -0.006 min
Lab File: VD079774.D
Acq: 04 Sep 2024 15:28

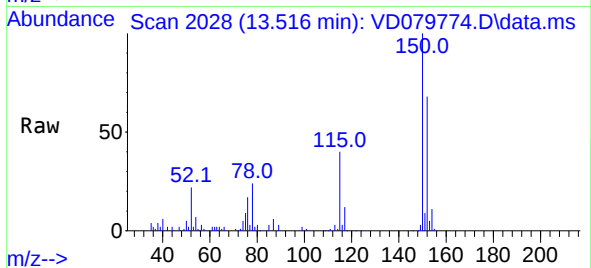
Tgt Ion:	117	Resp:	147952
Ion	Ratio	Lower	Upper
117	100		
82	56.9	39.8	59.6
119	32.3	25.7	38.5



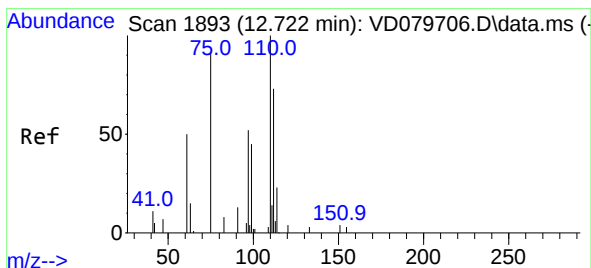
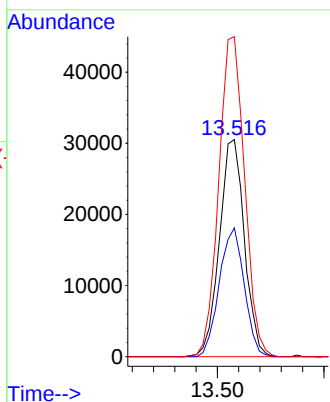
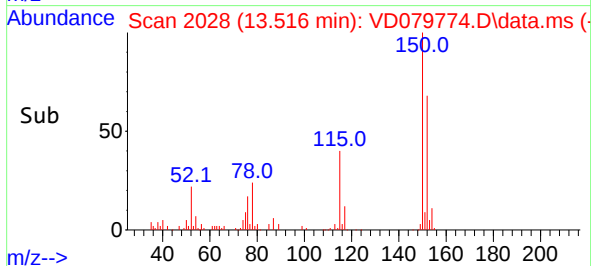


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. -0.000 min
Lab File: VD079774.D
Acq: 04 Sep 2024 15:28

Instrument :
MSVOA_D
ClientSampleId :

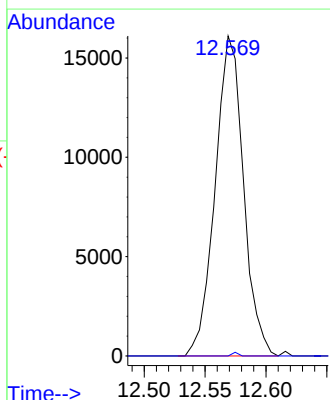
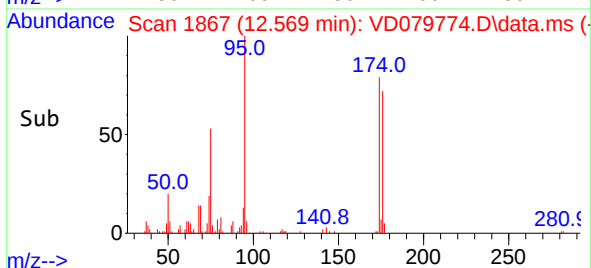
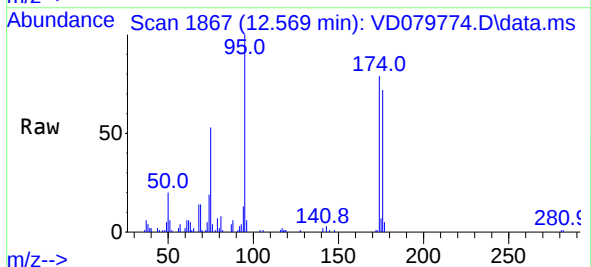


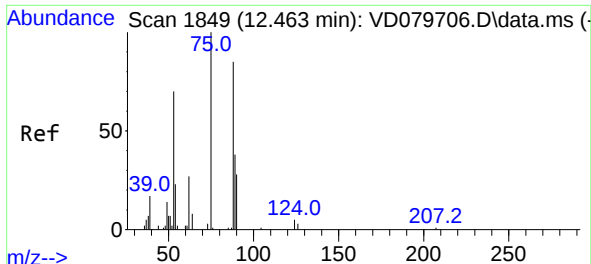
Tgt Ion:152 Resp: 49620
Ion Ratio Lower Upper
152 100
115 59.3 26.5 79.5
150 152.5 0.0 341.6



#76
1,2,3-Trichloropropane
Concen: 61.502 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD079774.D
Acq: 04 Sep 2024 15:28

Tgt Ion: 75 Resp: 26083
Ion Ratio Lower Upper
75 100
77 0.3 0.0 0.0#

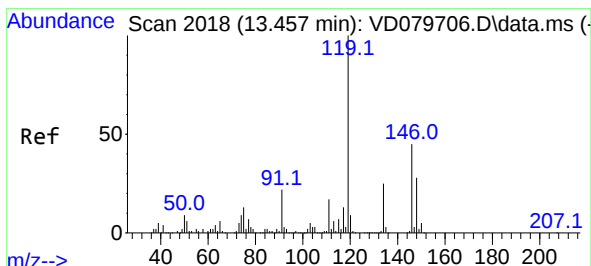
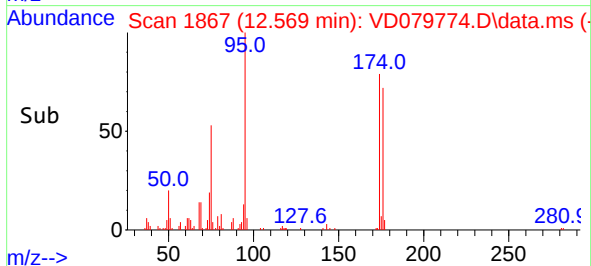
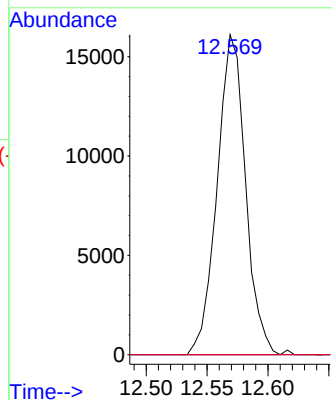
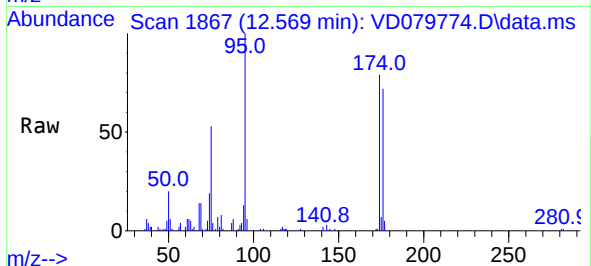




#81
trans-1,4-Dichloro-2-butene
Concen: 102.579 ug/l
RT: 12.569 min Scan# 1849
Delta R.T. 0.106 min
Lab File: VD079774.D
Acq: 04 Sep 2024 15:28

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: 3.902 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD079774.D
Acq: 04 Sep 2024 15:28

Tgt Ion	Ratio	Lower	Upper
119	100		
134	10.2	13.7	41.1#
91	31.5	10.7	32.1

