

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD090624\
 Data File : VD079794.D
 Acq On : 06 Sep 2024 13:01
 Operator : RP/MD
 Sample : VD0906SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0906SBL01

Quant Time: Sep 06 23:57:32 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)

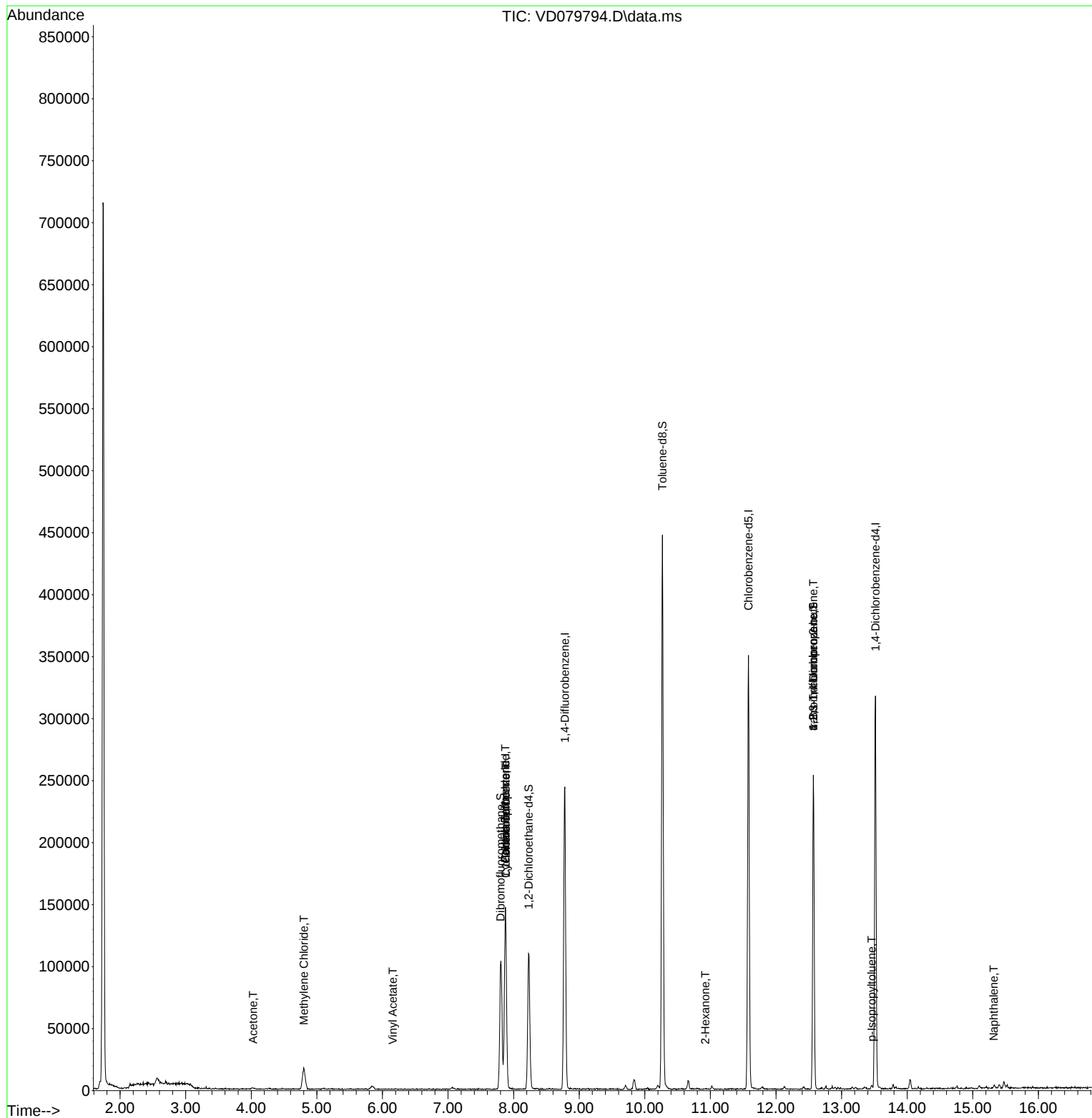
Internal Standards						
1) Pentafluorobenzene	7.875	168	96294	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	208458	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	191843	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	78952	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	84695	64.507	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery	= 129.020%		
35) Dibromofluoromethane	7.799	113	74238	54.790	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery	= 109.580%		
50) Toluene-d8	10.269	98	305644	52.596	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery	= 105.200%		
62) 4-Bromofluorobenzene	12.569	95	75766	46.597	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery	= 93.200%		
Target Compounds						Qvalue
16) Acetone	4.028	43	1803	6.617	ug/l	91
20) Methylene Chloride	4.805	84	12790	5.506	ug/l #	83
23) Vinyl Acetate	6.158	43	59	2.536	ug/l #	63
31) Cyclohexane	7.881	56	2913	1.327	ug/l #	11
36) 1,1-Dichloropropene	7.881	75	9734	4.847	ug/l #	48
38) Carbon Tetrachloride	7.875	117	12053	5.627	ug/l #	17
58) 2-Chloroethyl Vinyl ether	9.881	63	54	Below Cal	#	42
59) 2-Hexanone	10.922	43	353	20.718	ug/l #	19
76) 1,2,3-Trichloropropane	12.569	75	41339	61.261	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	41339	102.177	ug/l #	19
86) p-Isopropyltoluene	13.457	119	1133	3.928	ug/l #	74
95) Naphthalene	15.322	128	2850	1.112	ug/l #	79

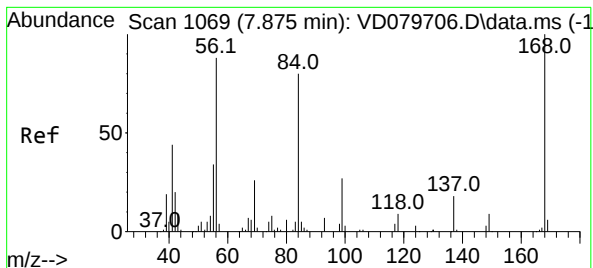
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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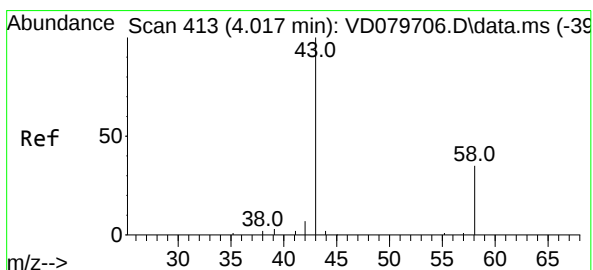
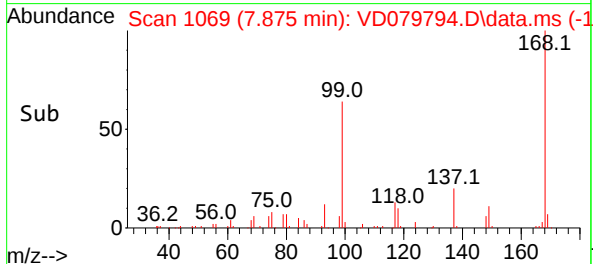
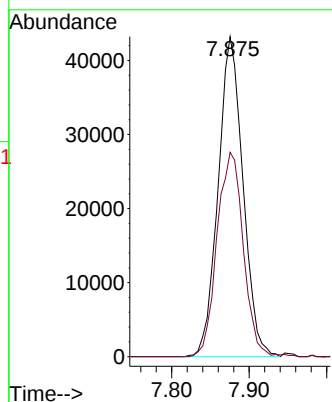
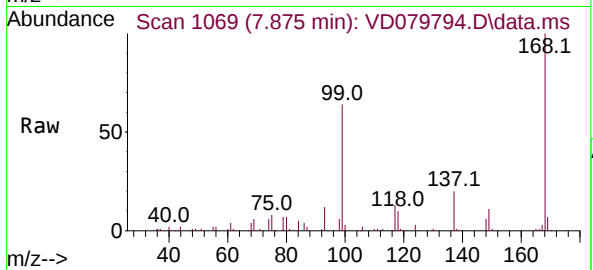




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079794.D
Acq: 06 Sep 2024 13:01

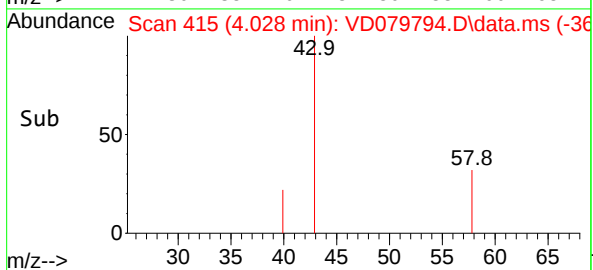
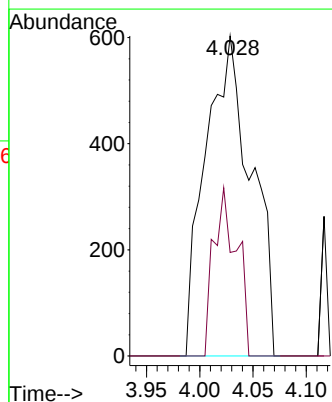
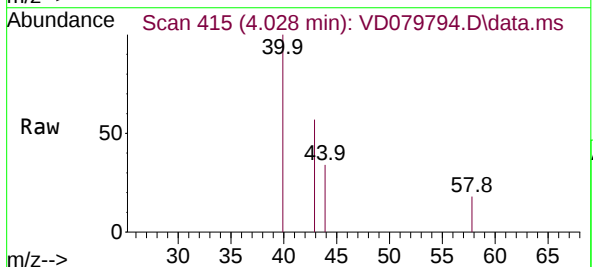
Instrument :
MSVOA_D
ClientSampleId :
VD0906SBL01

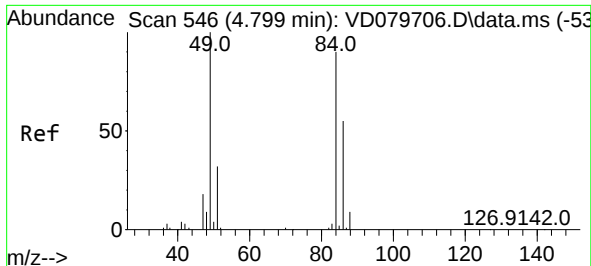
Tgt Ion:168 Resp: 96294
Ion Ratio Lower Upper
168 100
99 63.8 41.1 61.7#



#16
Acetone
Concen: 6.617 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.011 min
Lab File: VD079794.D
Acq: 06 Sep 2024 13:01

Tgt Ion: 43 Resp: 1803
Ion Ratio Lower Upper
43 100
58 32.3 30.4 45.6

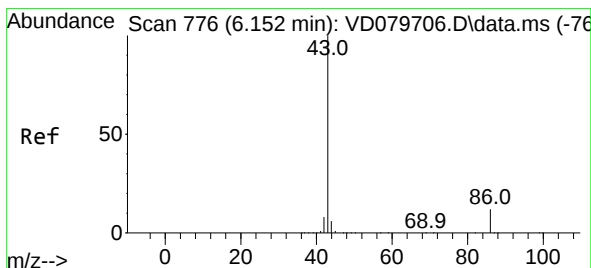
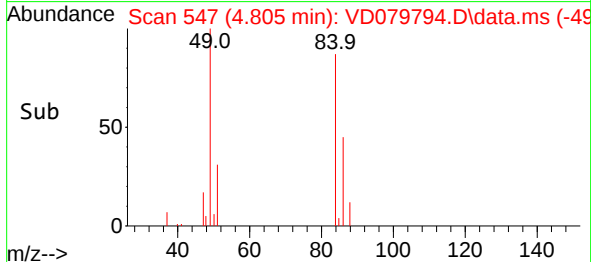
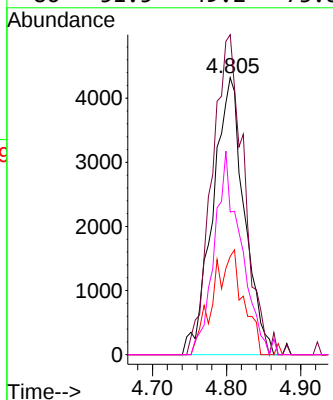
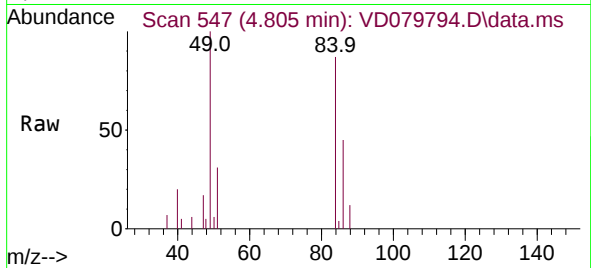




#20
Methylene Chloride
Concen: 5.506 ug/l
RT: 4.805 min Scan# 546
Delta R.T. 0.006 min
Lab File: VD079794.D
Acq: 06 Sep 2024 13:01

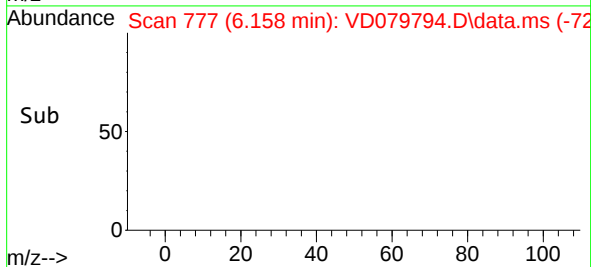
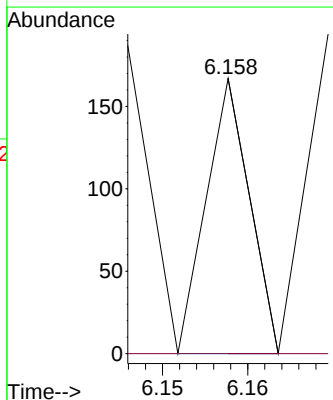
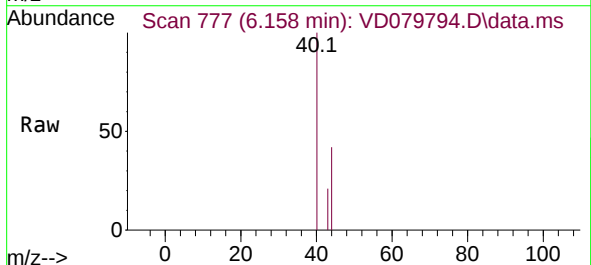
Instrument :
MSVOA_D
ClientSampleId :
VD0906SBL01

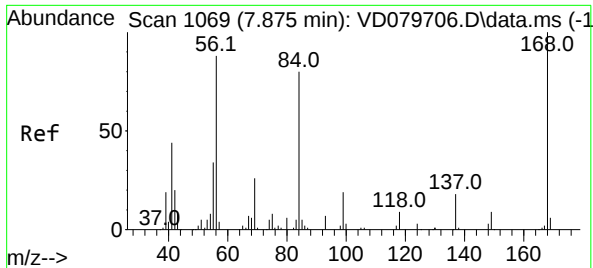
Tgt Ion:	84	Resp:	12790
Ion	Ratio	Lower	Upper
84	100		
49	115.5	75.6	113.4#
51	35.5	24.2	36.2
86	51.5	49.2	73.8



#23
Vinyl Acetate
Concen: 2.536 ug/l
RT: 6.158 min Scan# 777
Delta R.T. 0.006 min
Lab File: VD079794.D
Acq: 06 Sep 2024 13:01

Tgt Ion:	43	Resp:	59
Ion	Ratio	Lower	Upper
43	100		
86	0.0	12.3	18.5#

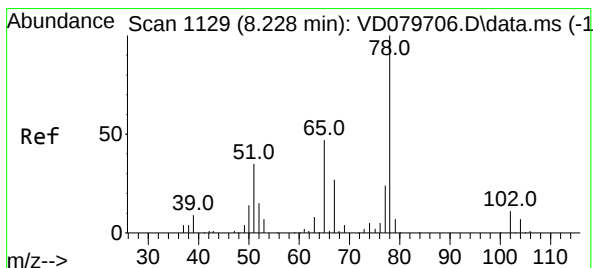
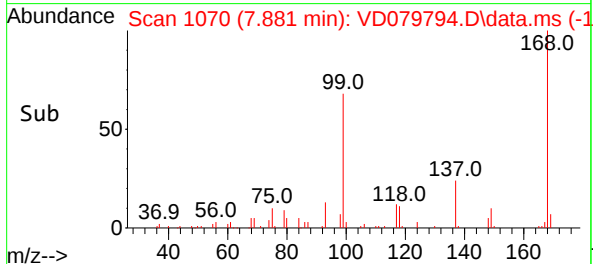
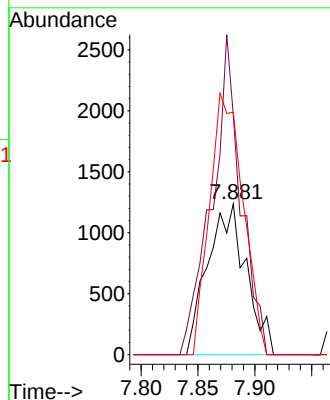
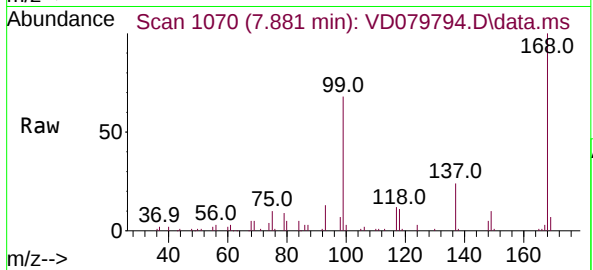




#31
Cyclohexane
Concen: 1.327 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD079794.D
Acq: 06 Sep 2024 13:01

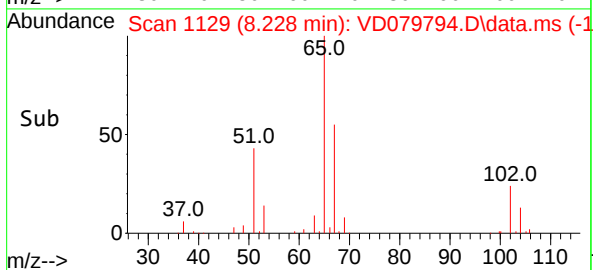
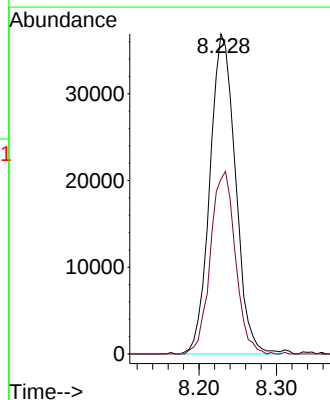
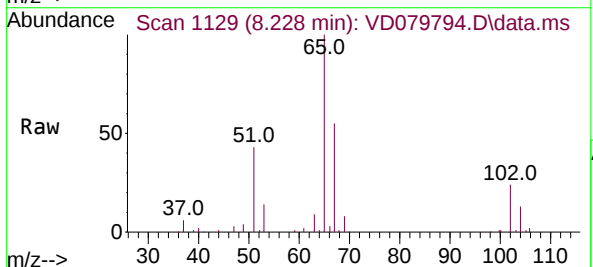
Instrument :
MSVOA_D
ClientSampleId :
VD0906SBL01

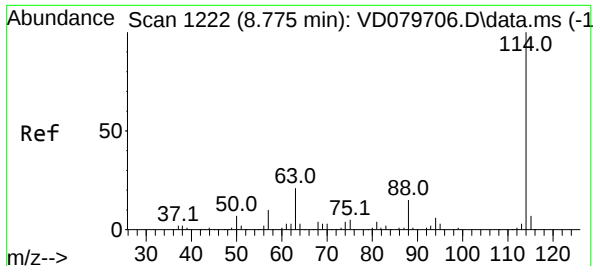
Tgt Ion: 56 Resp: 2913
Ion Ratio Lower Upper
56 100
69 158.5 28.0 42.0#
84 160.7 87.4 131.0#



#33
1,2-Dichloroethane-d4
Concen: 64.507 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD079794.D
Acq: 06 Sep 2024 13:01

Tgt Ion: 65 Resp: 84695
Ion Ratio Lower Upper
65 100
67 55.5 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: VD079794.D

Acq: 06 Sep 2024 13:01

Instrument :

MSVOA_D

ClientSampleId :

VD0906SBL01

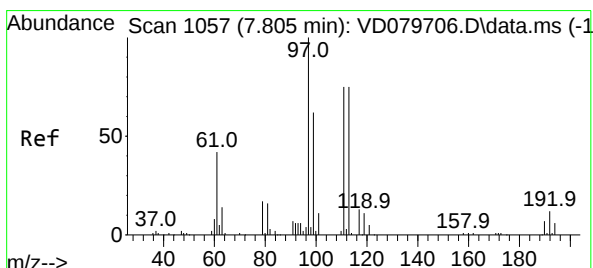
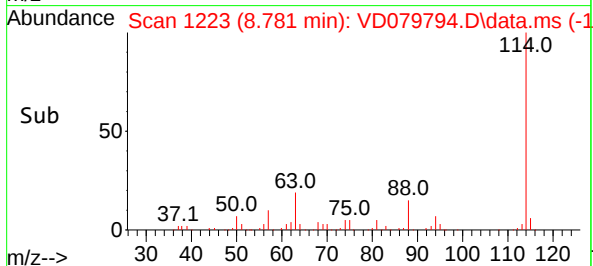
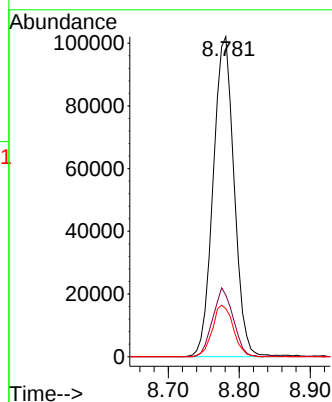
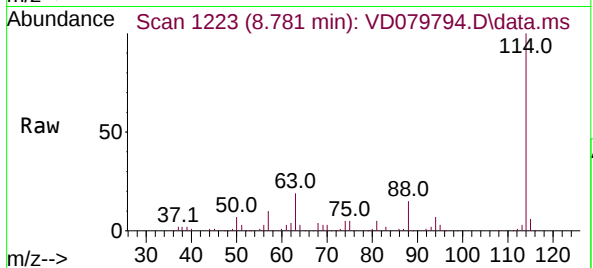
Tgt Ion:114 Resp: 208458

Ion Ratio Lower Upper

114 100

63 19.3 0.0 34.0

88 15.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 54.790 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD079794.D

Acq: 06 Sep 2024 13:01

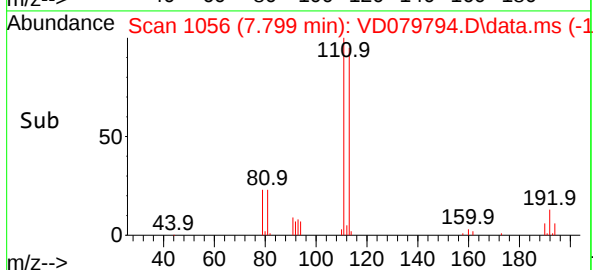
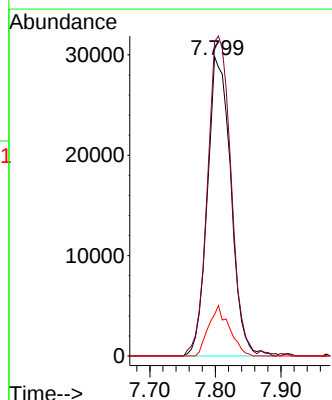
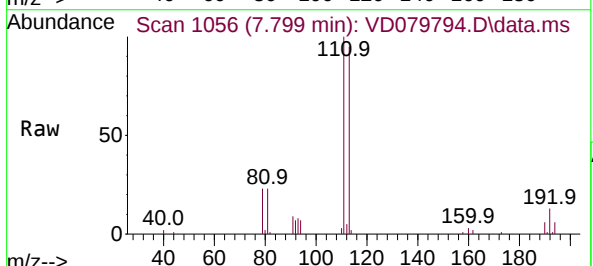
Tgt Ion:113 Resp: 74238

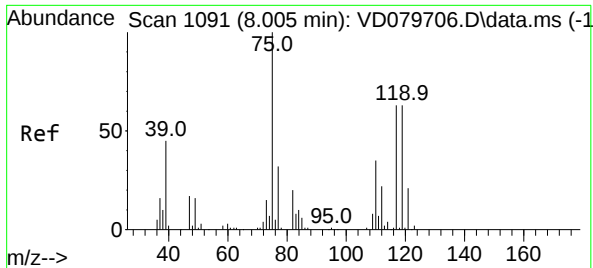
Ion Ratio Lower Upper

113 100

111 106.4 84.0 126.0

192 14.9 15.4 23.0#

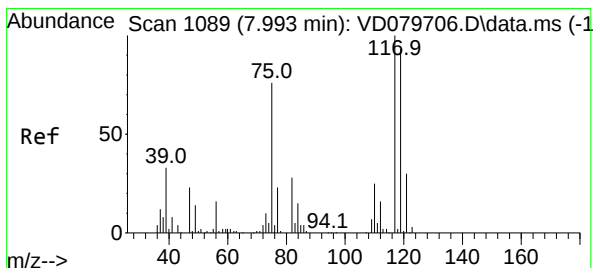
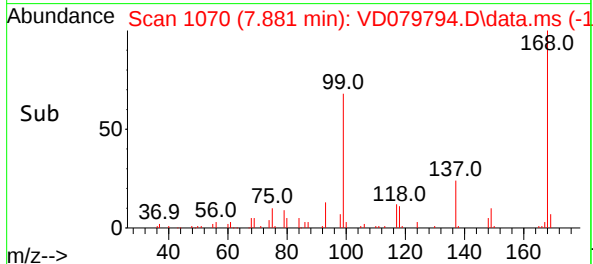
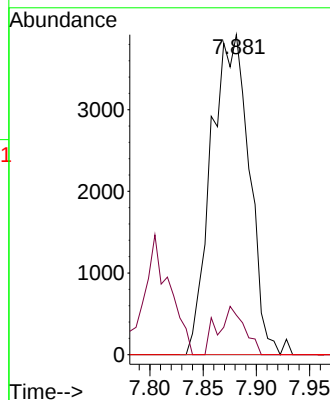
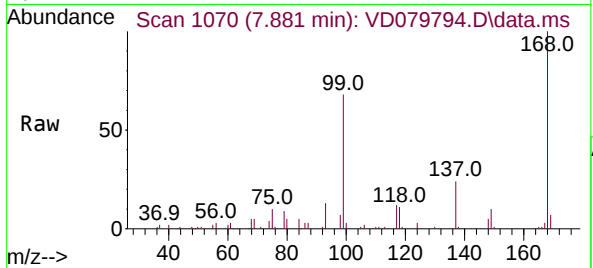




#36
 1,1-Dichloropropene
 Concen: 4.847 ug/l
 RT: 7.881 min Scan# 1069
 Delta R.T. -0.123 min
 Lab File: VD079794.D
 Acq: 06 Sep 2024 13:01

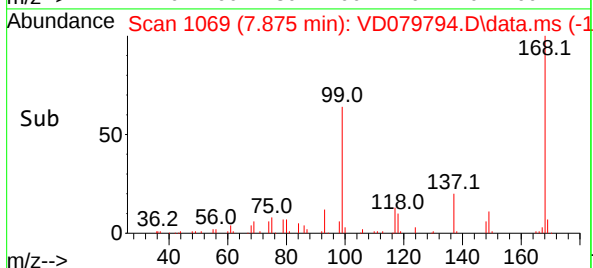
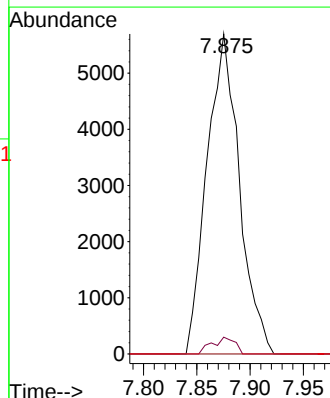
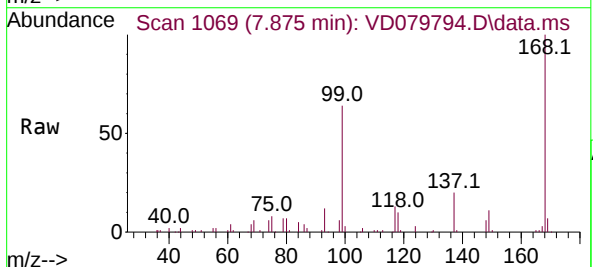
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0906SBL01

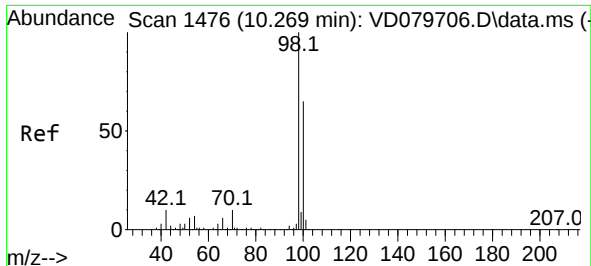
Tgt Ion: 75 Resp: 9734
 Ion Ratio Lower Upper
 75 100
 110 10.5 19.6 58.7#
 77 0.0 26.1 39.1#



#38
 Carbon Tetrachloride
 Concen: 5.627 ug/l
 RT: 7.875 min Scan# 1069
 Delta R.T. -0.118 min
 Lab File: VD079794.D
 Acq: 06 Sep 2024 13:01

Tgt Ion: 117 Resp: 12053
 Ion Ratio Lower Upper
 117 100
 119 5.2 75.4 113.0#
 121 0.0 25.0 37.4#

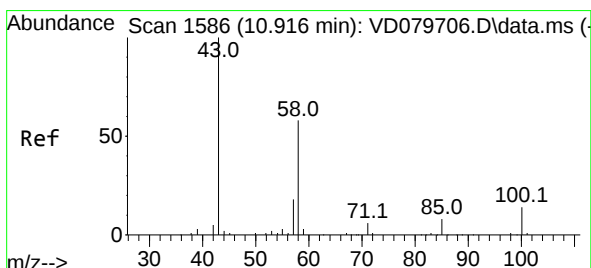
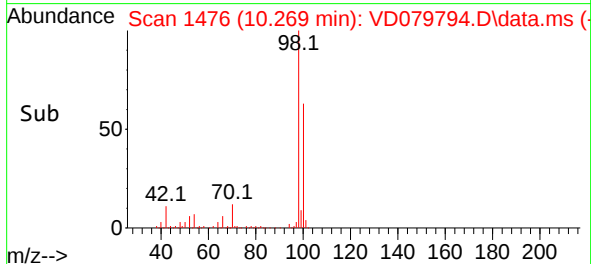
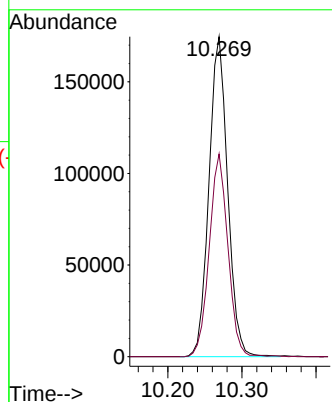
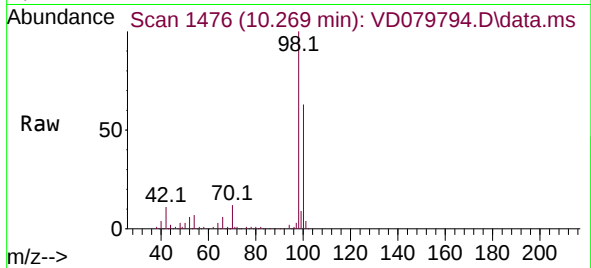




#50
Toluene-d8
Concen: 52.596 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD079794.D
Acq: 06 Sep 2024 13:01

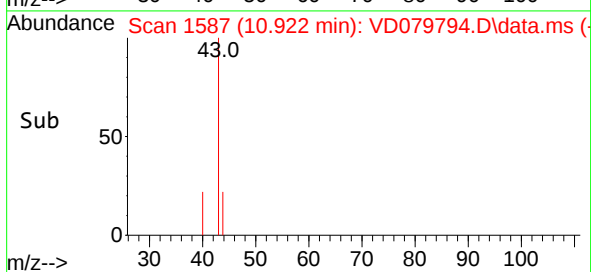
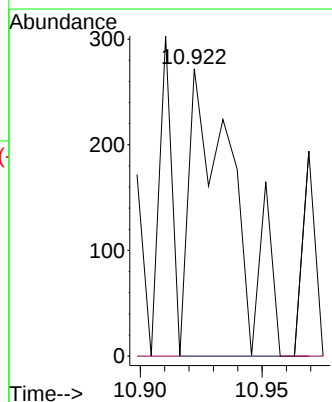
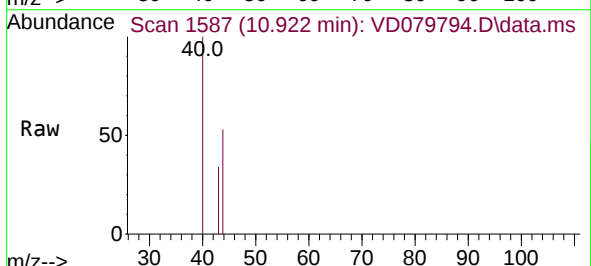
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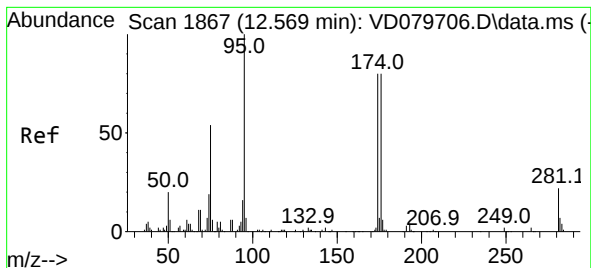
Tgt Ion: 98 Resp: 305644
Ion Ratio Lower Upper
98 100
100 63.4 51.6 77.4



#59
2-Hexanone
Concen: 20.718 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VD079794.D
Acq: 06 Sep 2024 13:01

Tgt Ion: 43 Resp: 353
Ion Ratio Lower Upper
43 100
58 0.0 31.1 93.5#

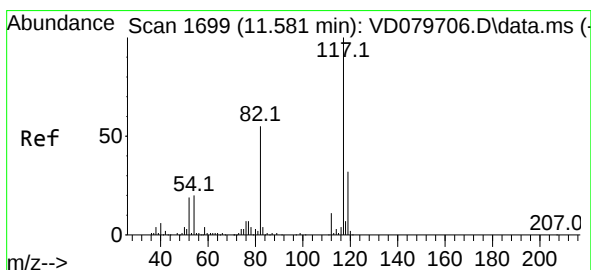
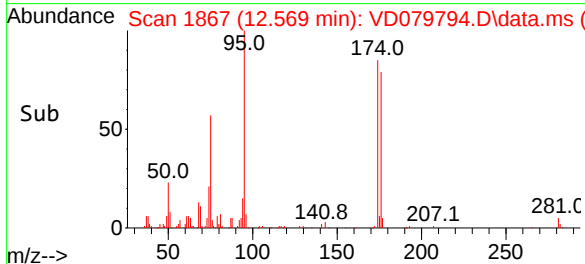
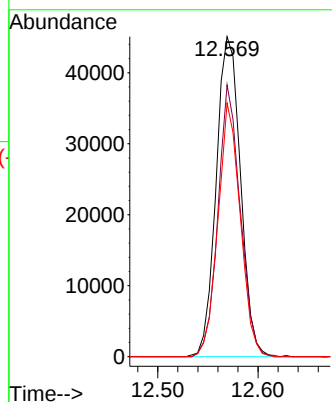
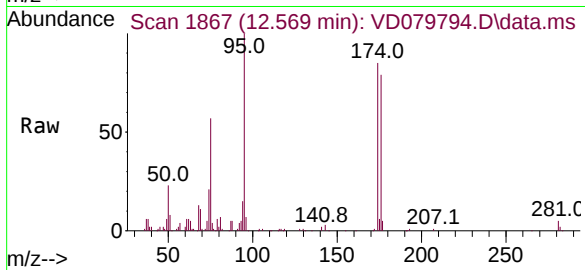




#62
4-Bromofluorobenzene
Concen: 46.597 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD079794.D
Acq: 06 Sep 2024 13:01

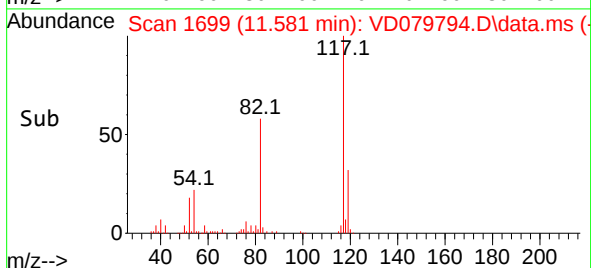
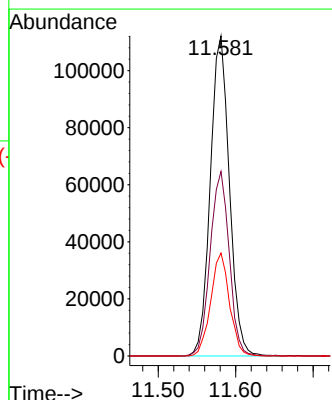
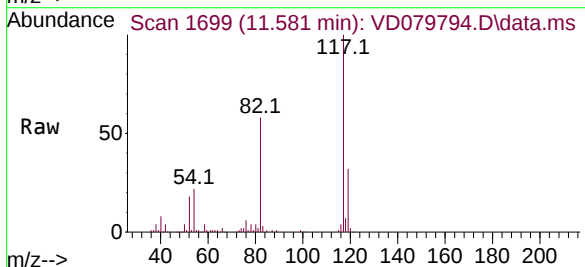
Instrument :
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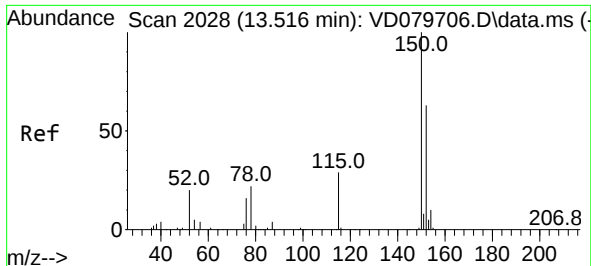
Tgt Ion: 95 Resp: 75766
Ion Ratio Lower Upper
95 100
174 77.9 0.0 195.4
176 72.8 0.0 192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD079794.D
Acq: 06 Sep 2024 13:01

Tgt Ion: 117 Resp: 191843
Ion Ratio Lower Upper
117 100
82 57.6 39.8 59.6
119 32.2 25.7 38.5

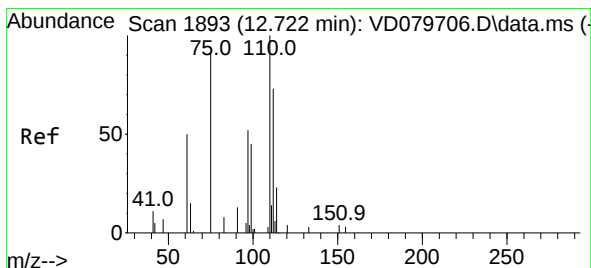
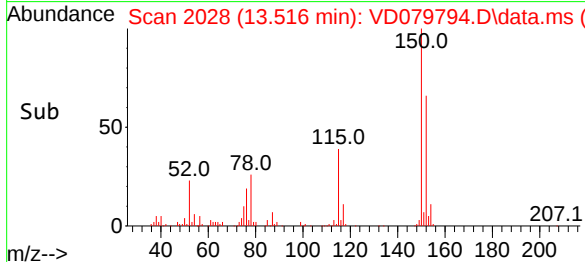
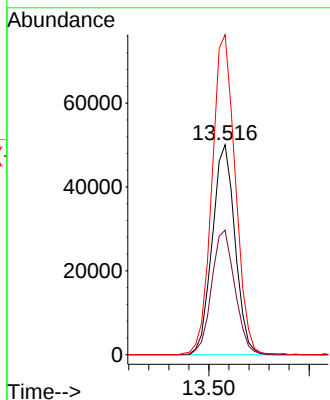
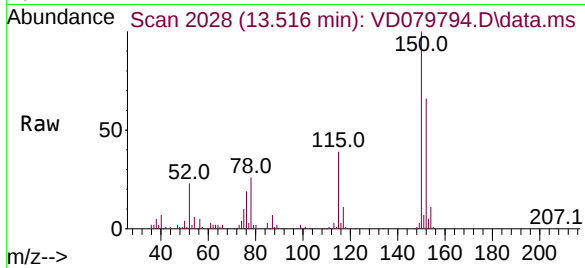




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD079794.D
 Acq: 06 Sep 2024 13:01

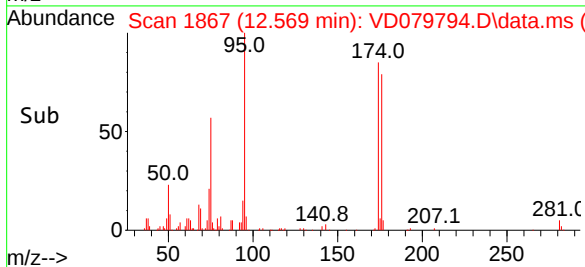
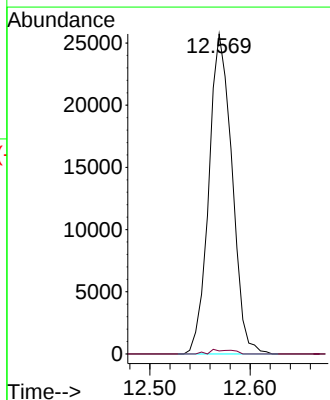
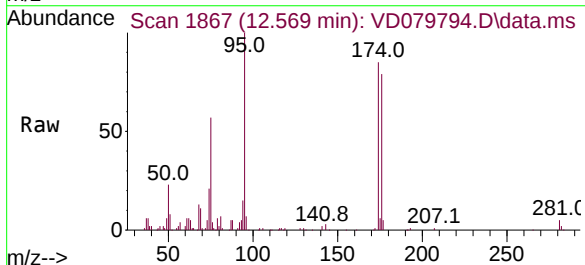
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0906SBL01

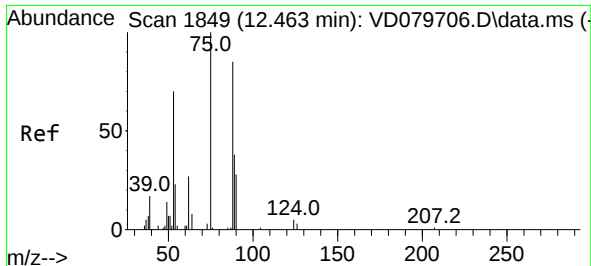
Tgt Ion:152 Resp: 78952
 Ion Ratio Lower Upper
 152 100
 115 60.5 26.5 79.5
 150 156.3 0.0 341.6



#76
 1,2,3-Trichloropropane
 Concen: 61.261 ug/l
 RT: 12.569 min Scan# 1867
 Delta R.T. -0.153 min
 Lab File: VD079794.D
 Acq: 06 Sep 2024 13:01

Tgt Ion: 75 Resp: 41339
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#

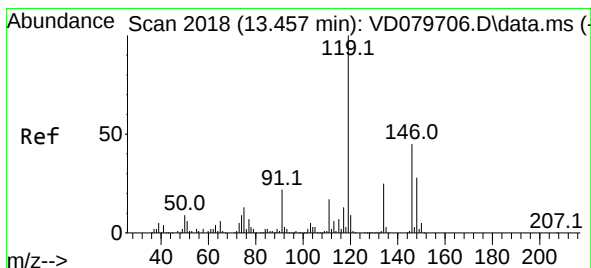
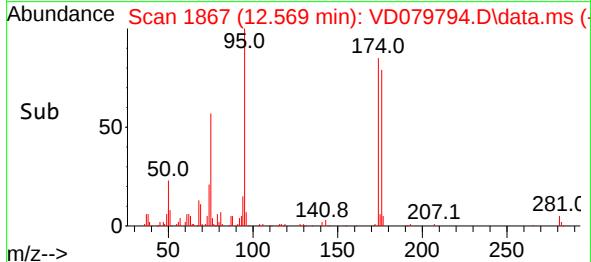
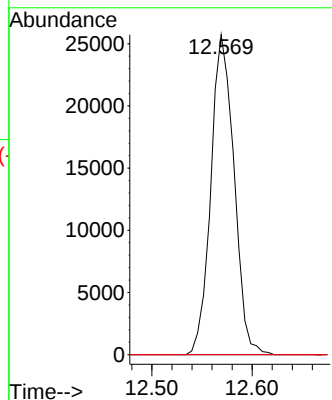
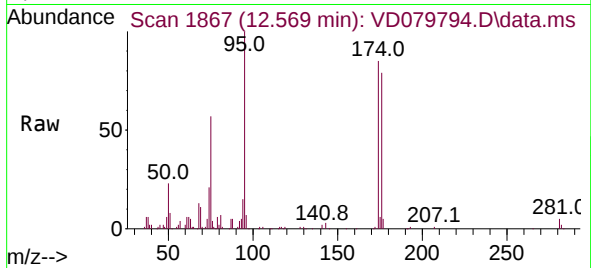




#81
trans-1,4-Dichloro-2-butene
Concen: 102.177 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.106 min
Lab File: VD079794.D
Acq: 06 Sep 2024 13:01

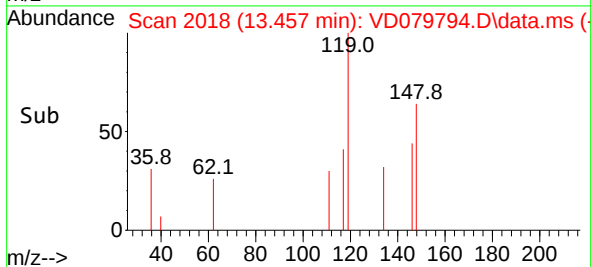
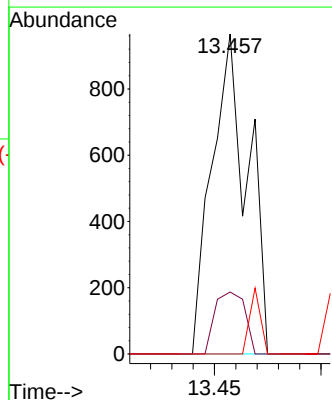
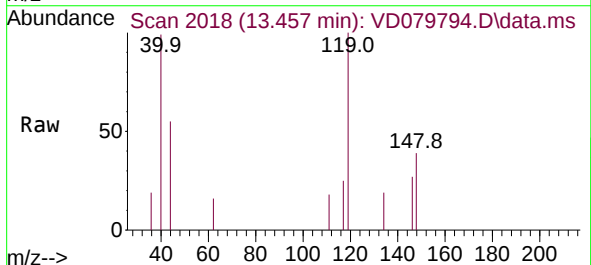
Instrument :
MSVOA_D
ClientSampleId :
VD0906SBL01

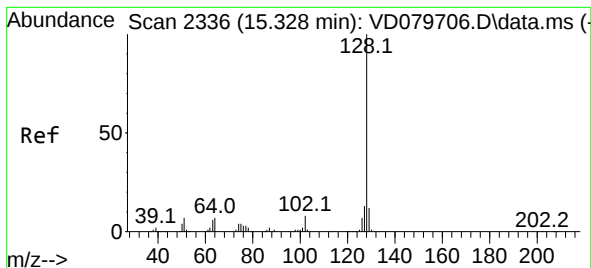
Tgt Ion: 75 Resp: 41339
Ion Ratio Lower Upper
75 100
53 0.0 61.4 92.2#
89 0.0 35.4 53.0#



#86
p-Isopropyltoluene
Concen: 3.928 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD079794.D
Acq: 06 Sep 2024 13:01

Tgt Ion: 119 Resp: 1133
Ion Ratio Lower Upper
119 100
134 16.1 13.7 41.1
91 6.2 10.7 32.1#





#95

Naphthalene

Concen: 1.112 ug/l

RT: 15.322 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD079794.D

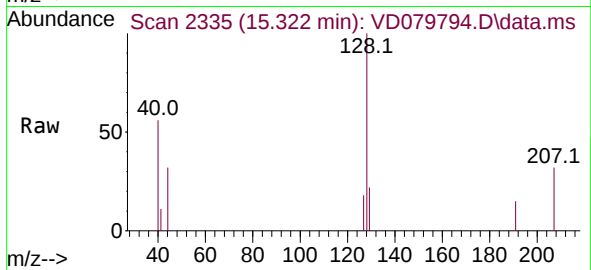
Acq: 06 Sep 2024 13:01

Instrument :

MSVOA_D

ClientSampleId :

VD0906SBL01



Tgt Ion:128 Resp: 2850

Ion Ratio Lower Upper

128 100

127 18.1 10.2 15.4#

129 22.0 8.5 12.7#

