

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012023\
 Data File : VD075165.D
 Acq On : 20 Jan 2023 20:41
 Operator : KP/SY
 Sample : 01258-01
 Misc : 3.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WASTE-VOA-2

Quant Time: Jan 23 00:35:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:32:27 2023
 Response via : Initial Calibration

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

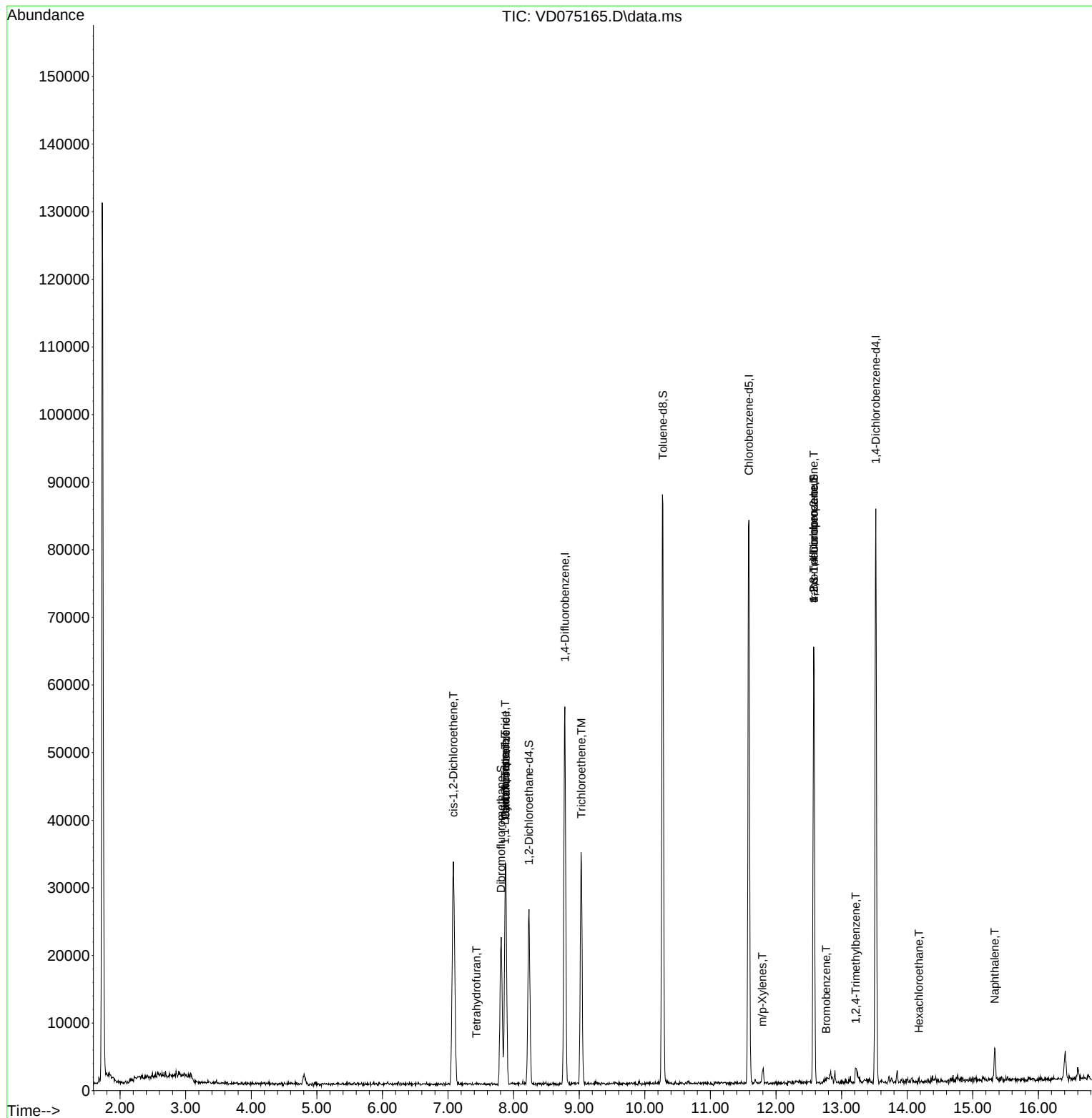
Internal Standards						
1) Pentafluorobenzene	7.881	168	24723	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	48713	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	48245	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	20922	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	19532	77.422	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 154.840%	
35) Dibromofluoromethane	7.810	113	16653	56.574	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.140%	
50) Toluene-d8	10.275	98	60592	52.280	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.560%	
62) 4-Bromofluorobenzene	12.575	95	21856	59.419	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 118.840%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.793	84	996	Below Cal	#	73
27) cis-1,2-Dichloroethene	7.081	96	20263	58.986	ug/l	91
29) Tetrahydrofuran	7.434	42	73	1.592	ug/l #	34
31) Cyclohexane	7.875	56	705	1.393	ug/l #	8
36) 1,1-Dichloropropene	7.869	75	2173	4.595	ug/l #	41
38) Carbon Tetrachloride	7.875	117	3016	7.574	ug/l #	14
44) Trichloroethene	9.034	130	12721	33.541	ug/l	90
68) m/p-Xylenes	11.793	106	741	1.078	ug/l	95
76) 1,2,3-Trichloropropane	12.575	75	10934	61.706	ug/l #	100
77) Bromobenzene	12.763	156	632	1.674	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	10934	143.133	ug/l #	14
84) 1,2,4-Trimethylbenzene	13.216	105	1600	1.203	ug/l	88
90) Hexachloroethane	14.181	117	326	1.267	ug/l #	15
95) Naphthalene	15.334	128	4944	6.041	ug/l #	87

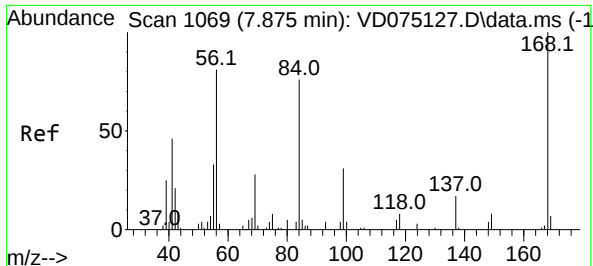
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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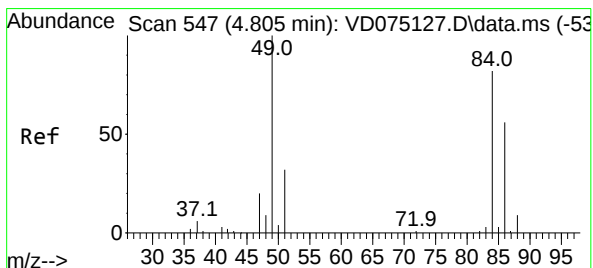
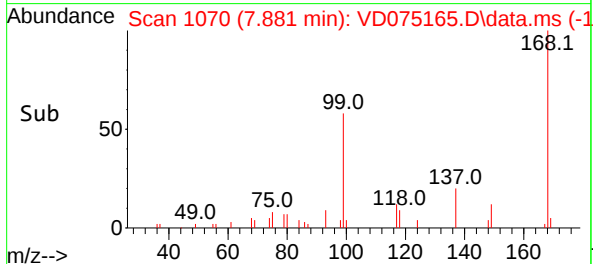
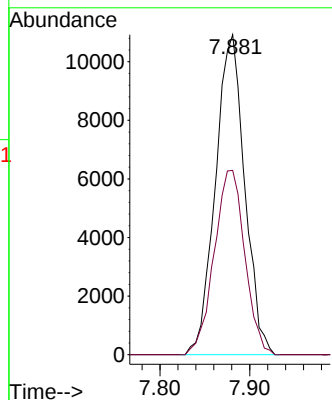
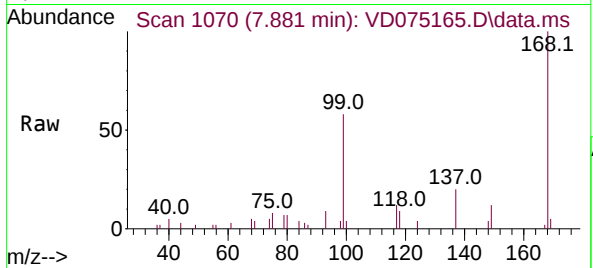




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD075165.D
Acq: 20 Jan 2023 20:41

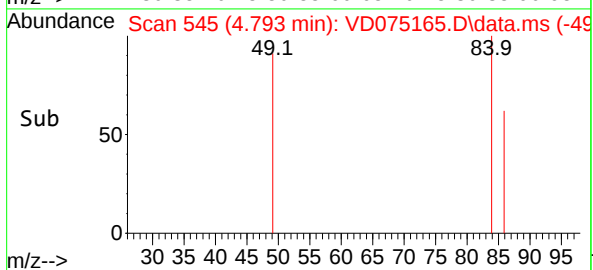
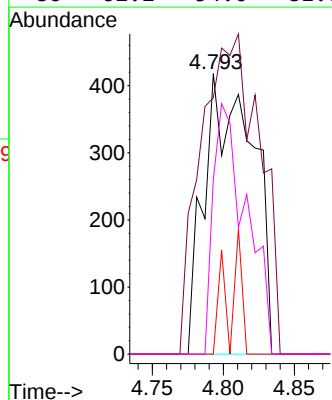
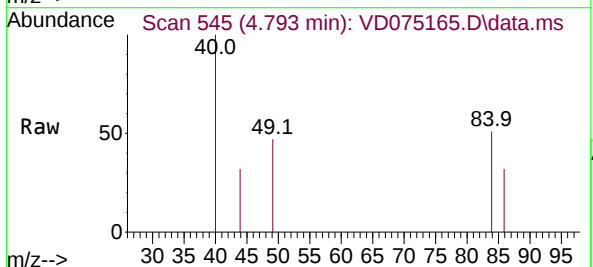
Instrument :
MSVOA_D
ClientSampleId :
WASTE-VOA-2

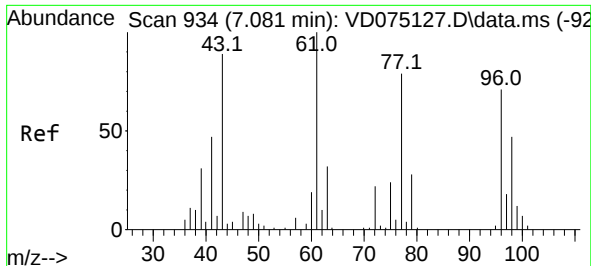
Tgt Ion:168 Resp: 24723
Ion Ratio Lower Upper
168 100
99 57.6 45.2 67.8



#20
Methylene Chloride
Concen: Below Cal
RT: 4.793 min Scan# 545
Delta R.T. -0.012 min
Lab File: VD075165.D
Acq: 20 Jan 2023 20:41

Tgt Ion: 84 Resp: 996
Ion Ratio Lower Upper
84 100
49 91.4 97.0 145.6#
51 0.0 30.9 46.3#
86 62.2 54.0 81.0





#27

cis-1,2-Dichloroethene

Concen: 58.986 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD075165.D

Acq: 20 Jan 2023 20:41

Instrument :

MSVOA_D

ClientSampleId :

WASTE-VOA-2

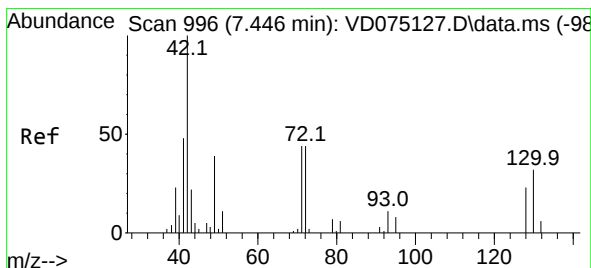
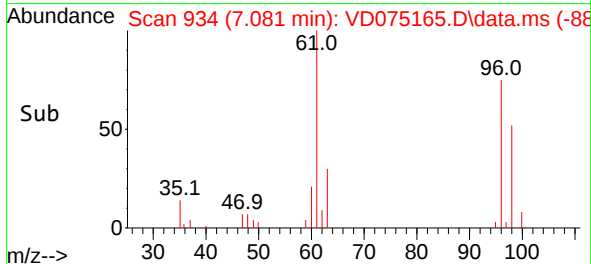
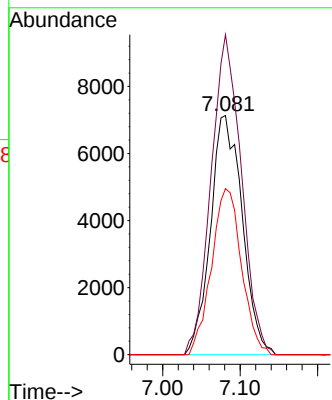
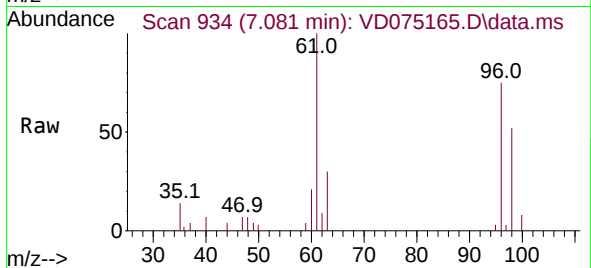
Tgt Ion: 96 Resp: 20263

Ion Ratio Lower Upper

96 100

61 127.9 0.0 287.4

98 65.9 0.0 129.8



#29

Tetrahydrofuran

Concen: 1.592 ug/l

RT: 7.434 min Scan# 994

Delta R.T. -0.012 min

Lab File: VD075165.D

Acq: 20 Jan 2023 20:41

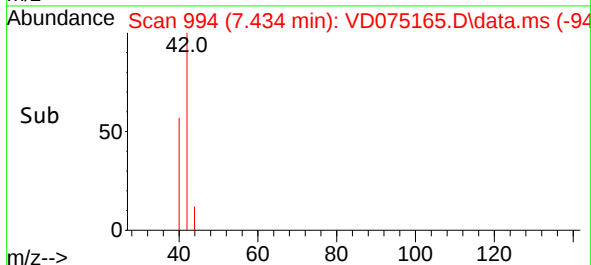
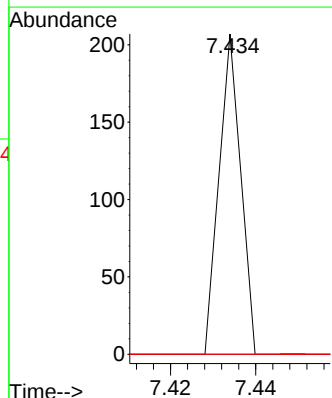
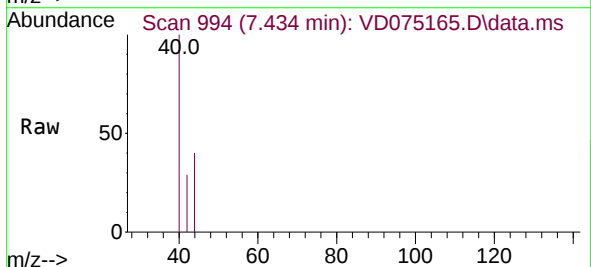
Tgt Ion: 42 Resp: 73

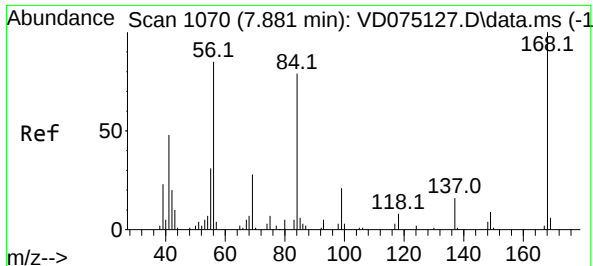
Ion Ratio Lower Upper

42 100

72 0.0 33.8 50.8#

71 0.0 31.6 47.4#

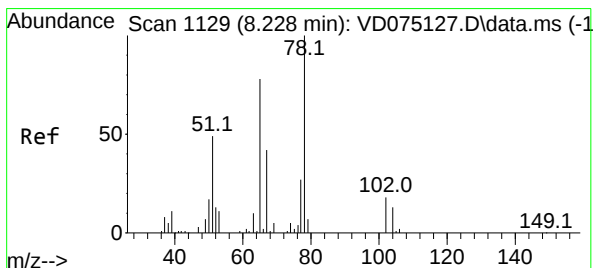
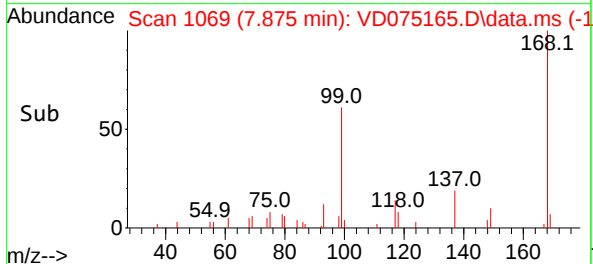
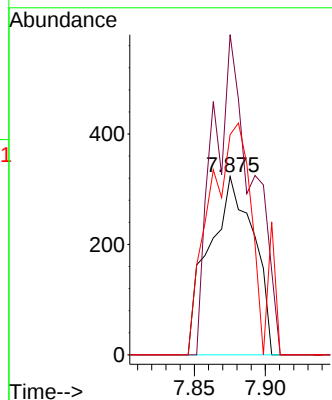
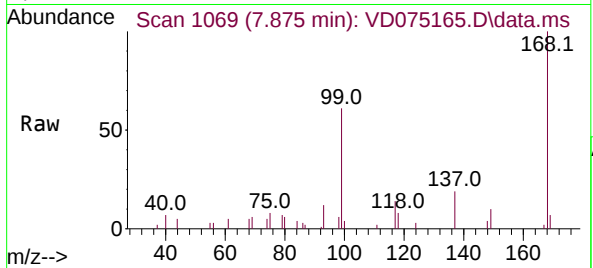




#31
Cyclohexane
Concen: 1.393 ug/l
RT: 7.875 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VD075165.D
Acq: 20 Jan 2023 20:41

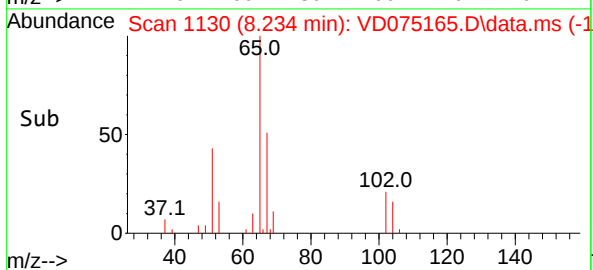
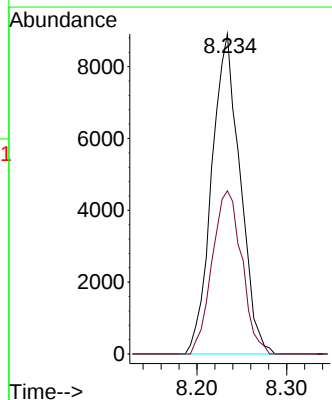
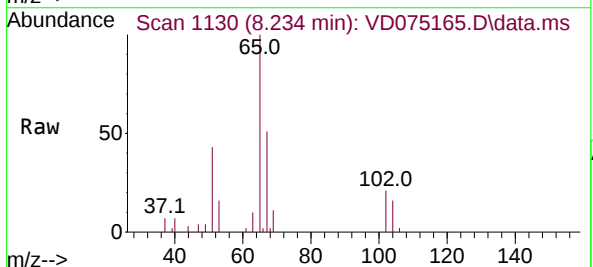
Instrument :
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WASTE-VOA-2

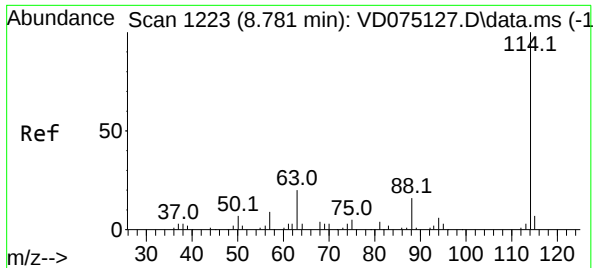
Tgt Ion: 56 Resp: 705
Ion Ratio Lower Upper
56 100
69 179.6 26.6 40.0#
84 123.5 74.1 111.1#



#33
1,2-Dichloroethane-d4
Concen: 77.422 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD075165.D
Acq: 20 Jan 2023 20:41

Tgt Ion: 65 Resp: 19532
Ion Ratio Lower Upper
65 100
67 53.4 0.0 105.2

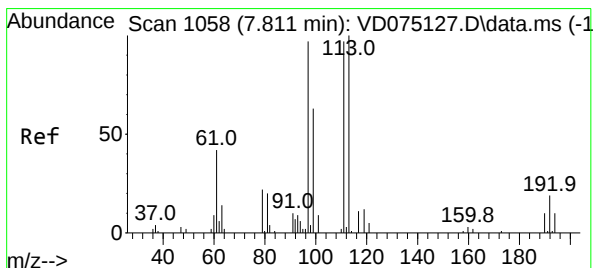
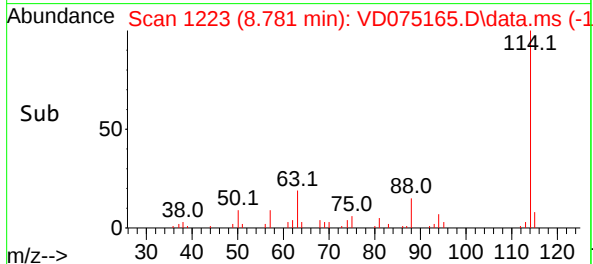
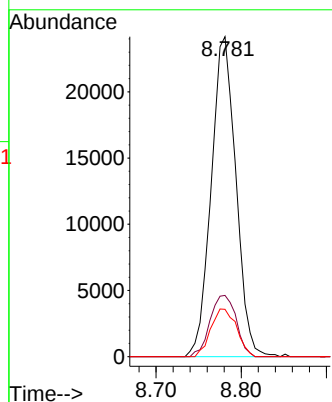
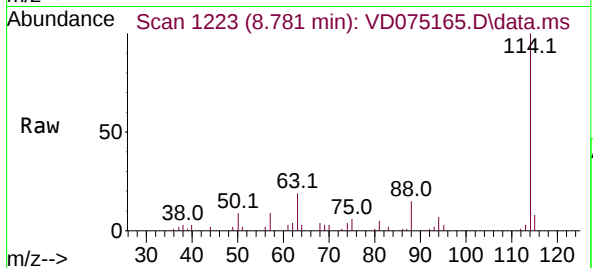




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075165.D
Acq: 20 Jan 2023 20:41

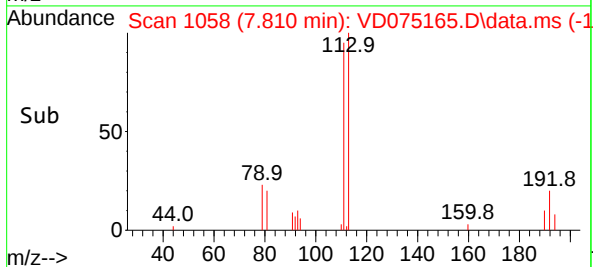
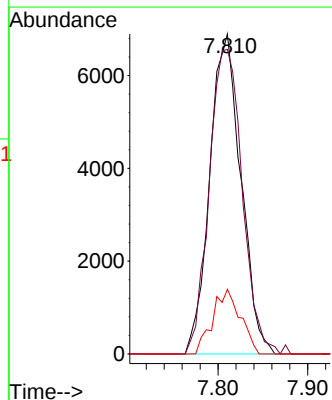
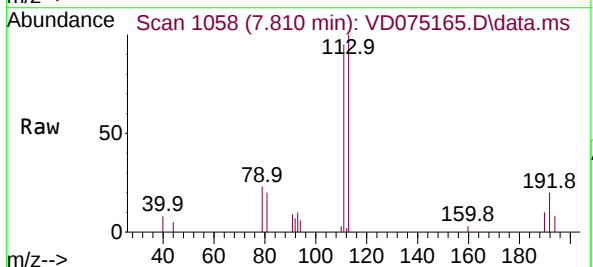
Instrument :
MSVOA_D
ClientSampleId :
WASTE-VOA-2

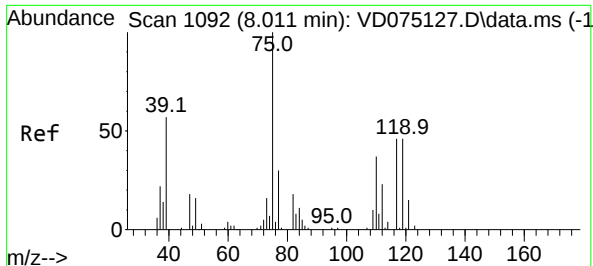
Tgt Ion:114 Resp: 48713
Ion Ratio Lower Upper
114 100
63 19.1 0.0 40.2
88 14.8 0.0 32.2



#35
Dibromofluoromethane
Concen: 56.574 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VD075165.D
Acq: 20 Jan 2023 20:41

Tgt Ion:113 Resp: 16653
Ion Ratio Lower Upper
113 100
111 100.6 80.1 120.1
192 18.0 15.4 23.0





#36

1,1-Dichloropropene

Concen: 4.595 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.141 min

Lab File: VD075165.D

Acq: 20 Jan 2023 20:41

Instrument :

MSVOA_D

ClientSampleId :

WASTE-VOA-2

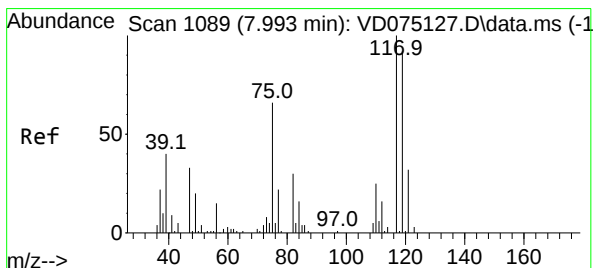
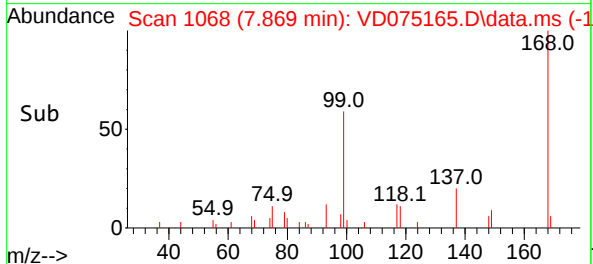
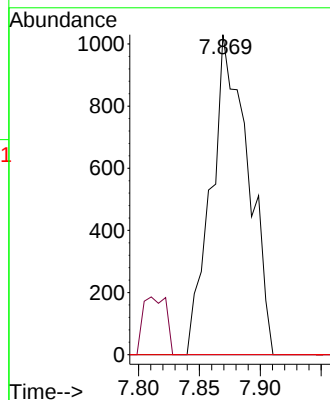
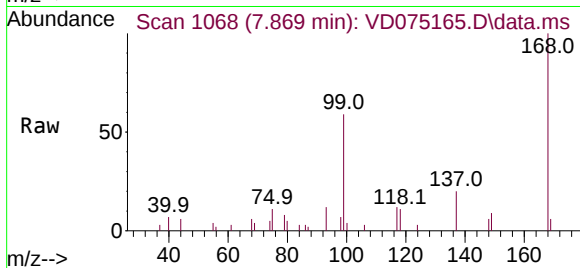
Tgt Ion: 75 Resp: 2173

Ion Ratio Lower Upper

75 100

110 0.0 18.1 54.4#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 7.574 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

Lab File: VD075165.D

Acq: 20 Jan 2023 20:41

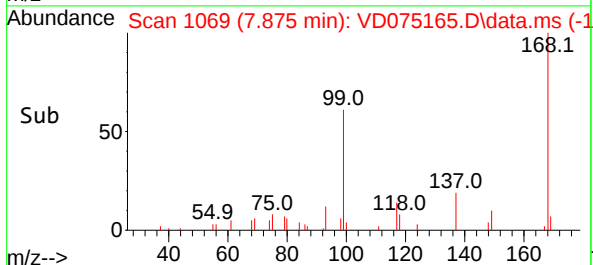
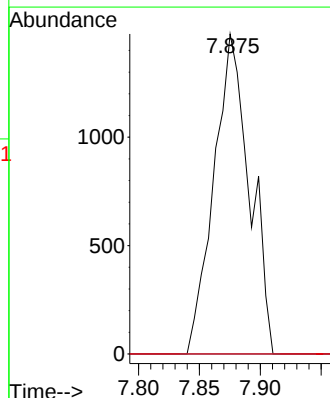
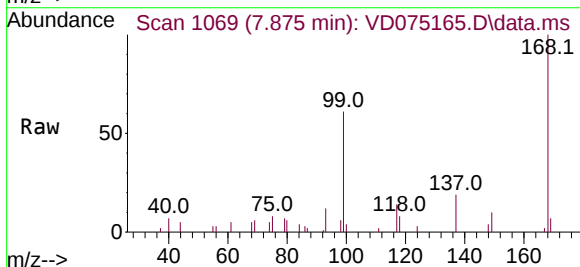
Tgt Ion: 117 Resp: 3016

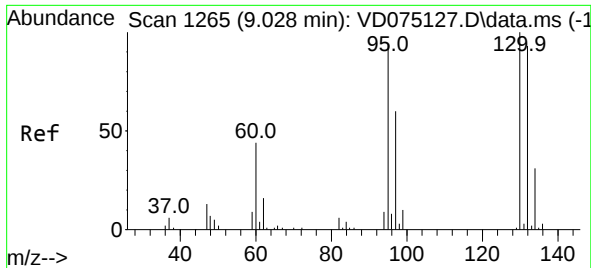
Ion Ratio Lower Upper

117 100

119 0.0 73.6 110.4#

121 0.0 25.4 38.0#

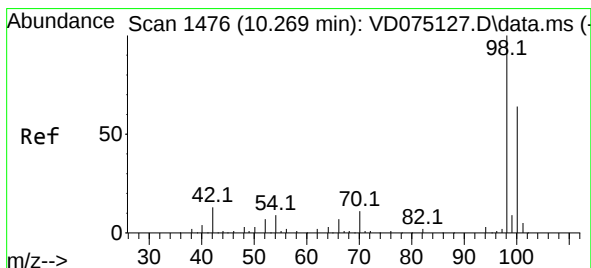
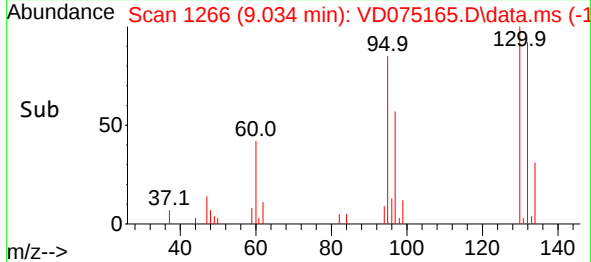
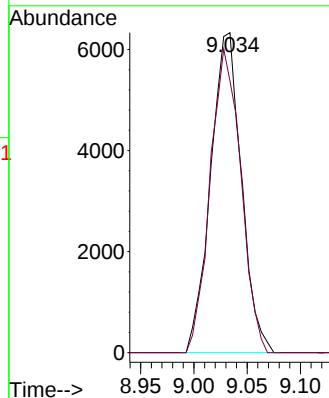
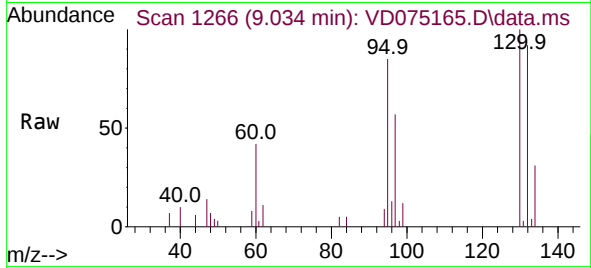




#44
Trichloroethene
Concen: 33.541 ug/l
RT: 9.034 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD075165.D
Acq: 20 Jan 2023 20:41

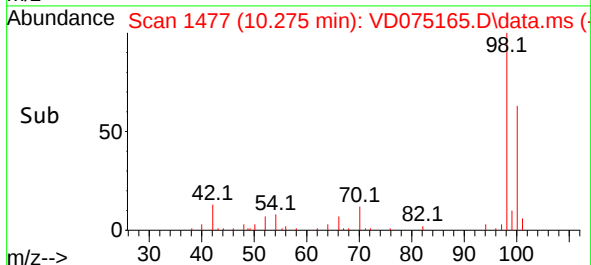
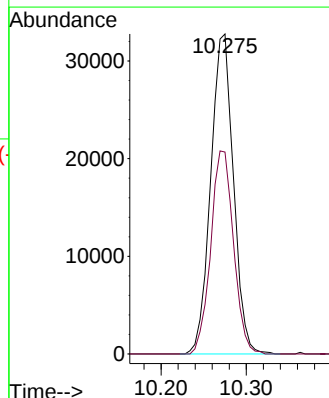
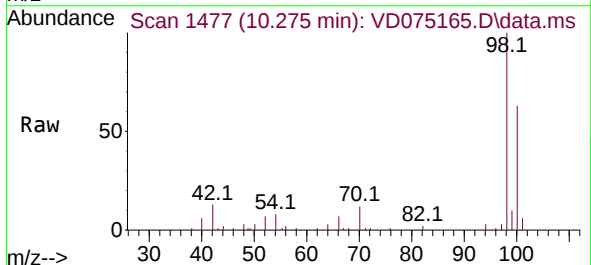
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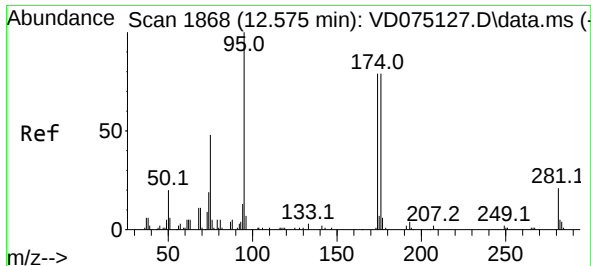
Tgt Ion:130 Resp: 12721
Ion Ratio Lower Upper
130 100
95 85.0 0.0 188.6



#50
Toluene-d8
Concen: 52.280 ug/l
RT: 10.275 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VD075165.D
Acq: 20 Jan 2023 20:41

Tgt Ion: 98 Resp: 60592
Ion Ratio Lower Upper
98 100
100 63.7 52.7 79.1

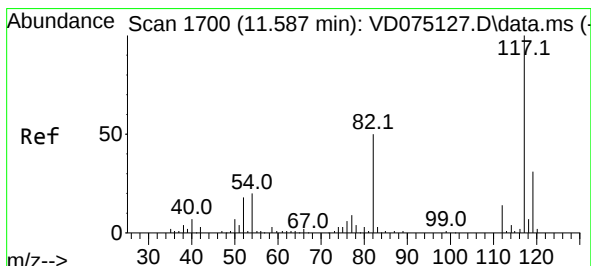
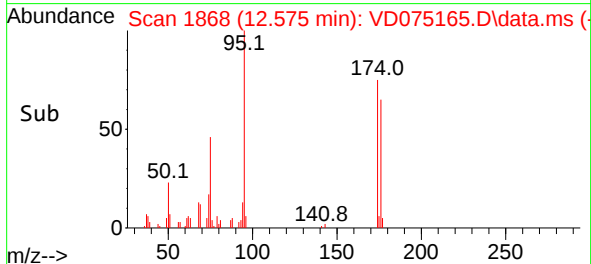
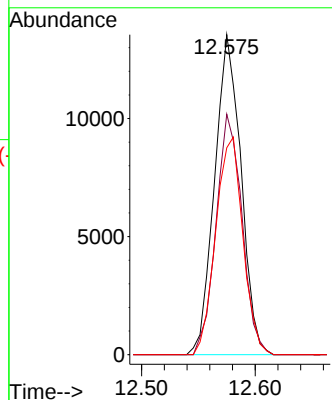
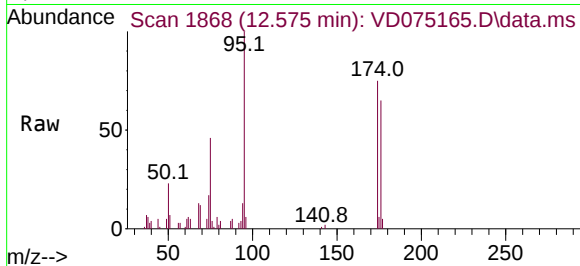




#62
4-Bromofluorobenzene
Concen: 59.419 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075165.D
Acq: 20 Jan 2023 20:41

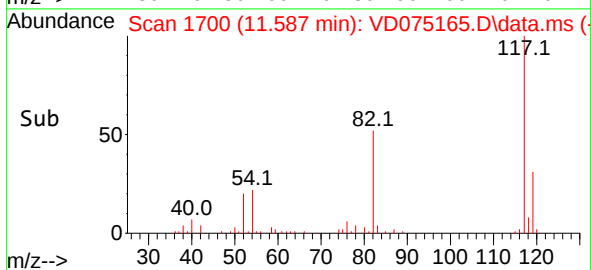
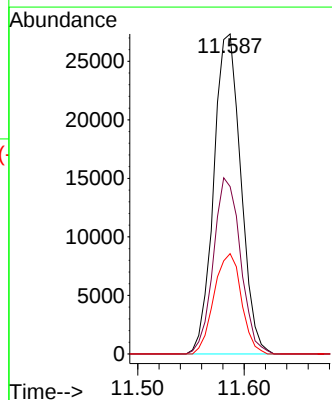
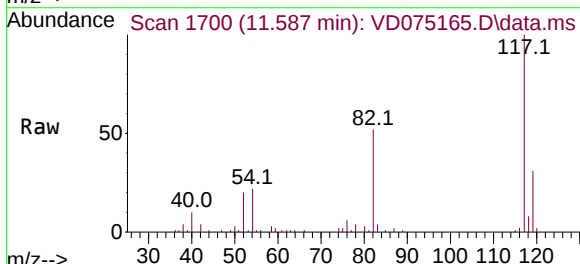
Instrument :
MSVOA_D
ClientSampleId :
WASTE-VOA-2

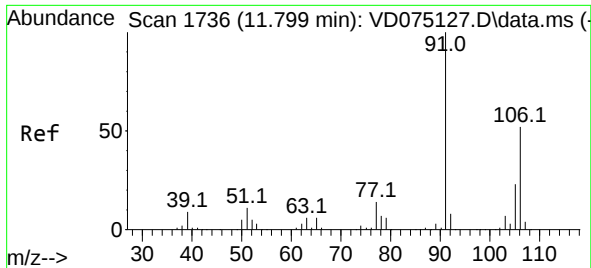
Tgt Ion:	95	Resp:	21856
Ion	Ratio	Lower	Upper
95	100		
174	74.0	0.0	161.2
176	70.0	0.0	160.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VD075165.D
Acq: 20 Jan 2023 20:41

Tgt Ion:	117	Resp:	48245
Ion	Ratio	Lower	Upper
117	100		
82	52.3	39.6	59.4
119	31.4	24.6	37.0

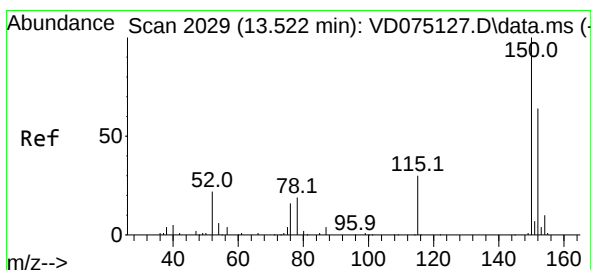
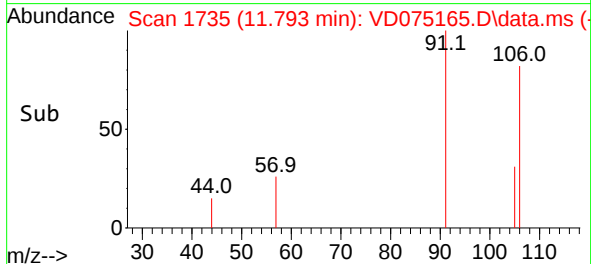
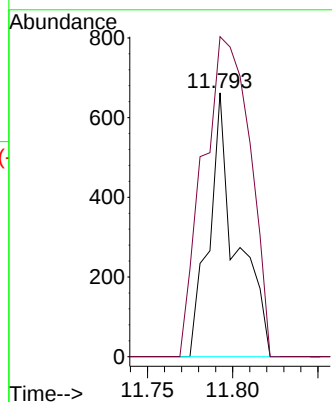
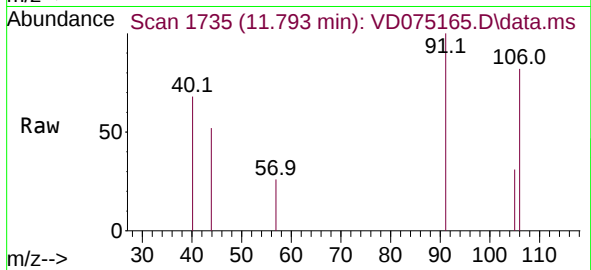




#68
m/p-Xylenes
Concen: 1.078 ug/l
RT: 11.793 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075165.D
Acq: 20 Jan 2023 20:41

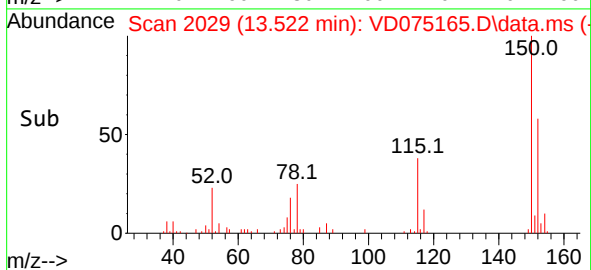
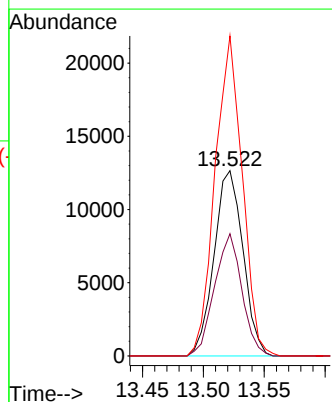
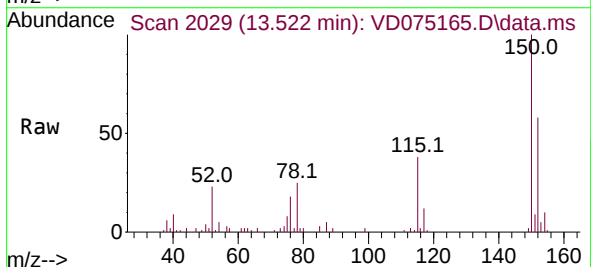
Instrument :
MSVOA_D
ClientSampleId :
WASTE-VOA-2

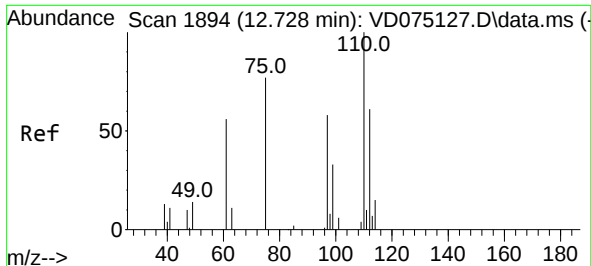
Tgt Ion:106 Resp: 741
Ion Ratio Lower Upper
106 100
91 207.6 160.3 240.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075165.D
Acq: 20 Jan 2023 20:41

Tgt Ion:152 Resp: 20922
Ion Ratio Lower Upper
152 100
115 62.3 28.8 86.4
150 162.4 0.0 348.6

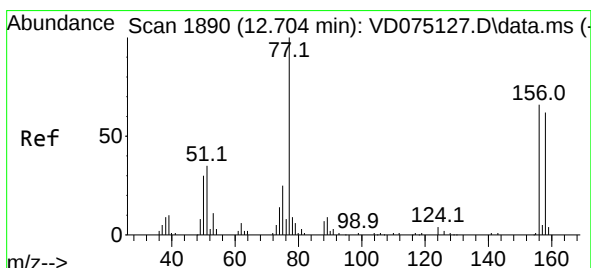
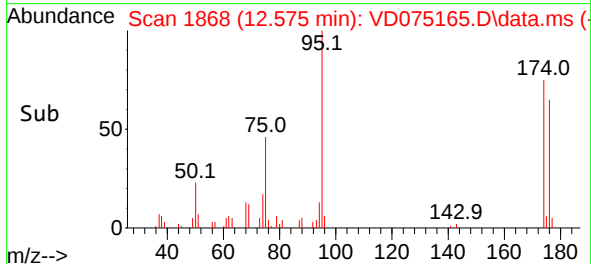
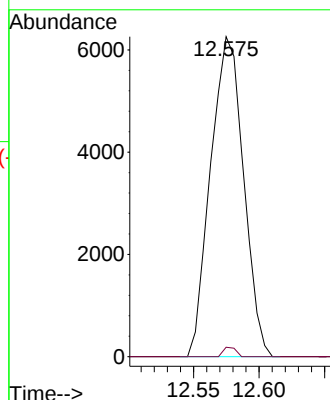
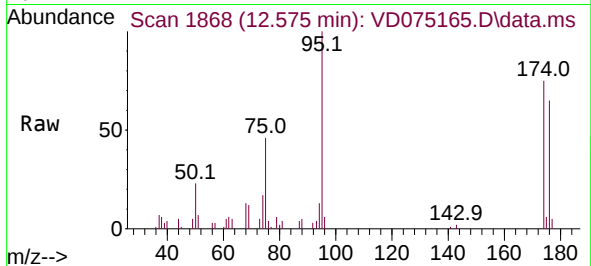




#76
1,2,3-Trichloropropane
Concen: 61.706 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.153 min
Lab File: VD075165.D
Acq: 20 Jan 2023 20:41

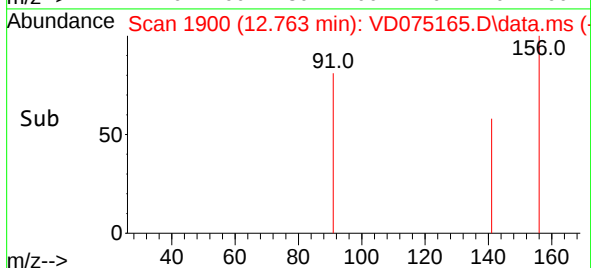
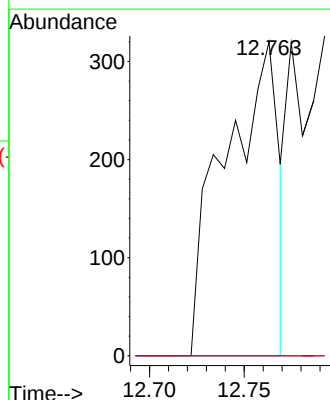
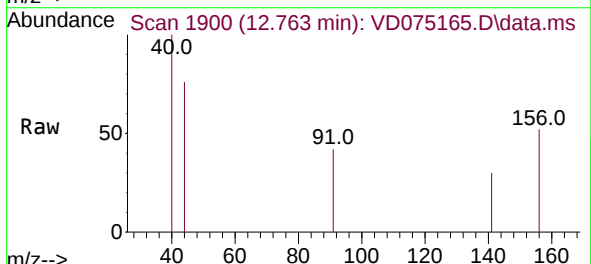
Instrument :
MSVOA_D
ClientSampleId :
WASTE-VOA-2

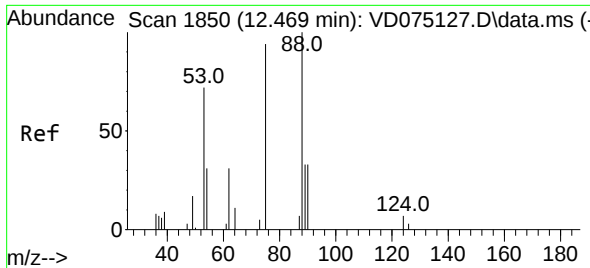
Tgt Ion: 75 Resp: 10934
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#77
Bromobenzene
Concen: 1.674 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.059 min
Lab File: VD075165.D
Acq: 20 Jan 2023 20:41

Tgt Ion: 156 Resp: 632
Ion Ratio Lower Upper
156 100
77 0.0 85.6 256.8#
158 0.0 47.3 141.9#

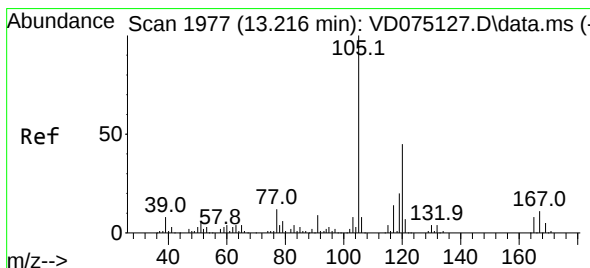
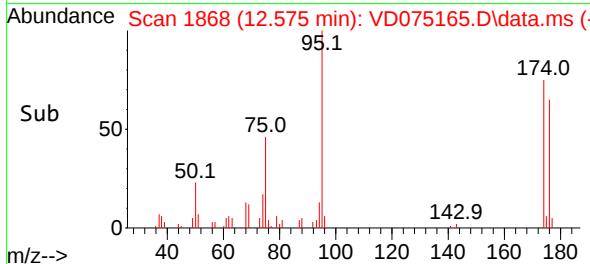
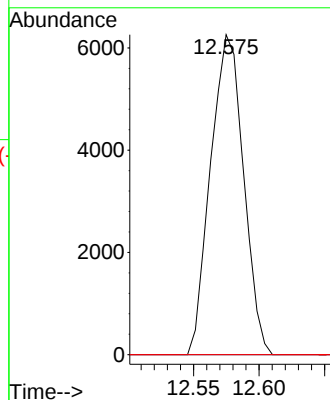
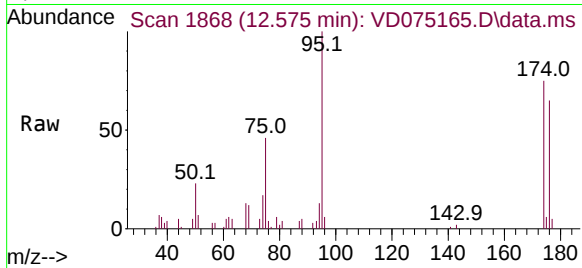




#81
trans-1,4-Dichloro-2-butene
Concen: 143.133 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD075165.D
Acq: 20 Jan 2023 20:41

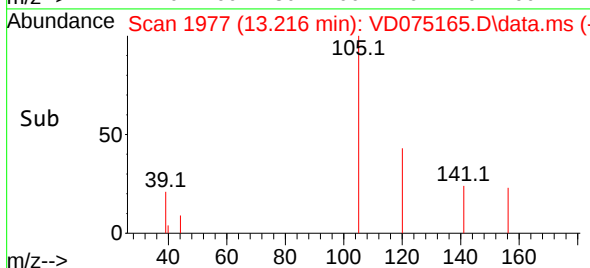
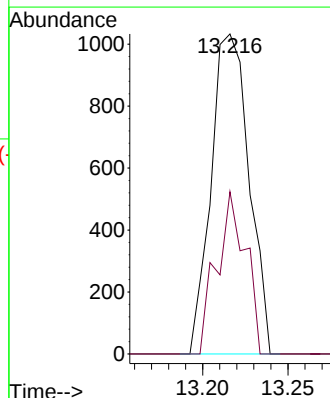
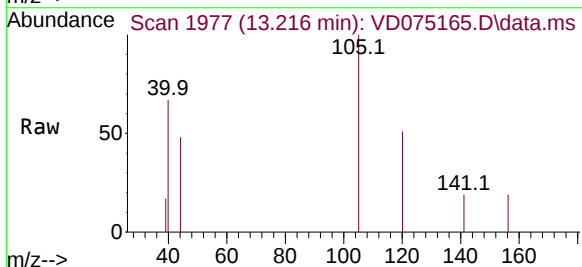
Instrument :
MSVOA_D
ClientSampleId :
WASTE-VOA-2

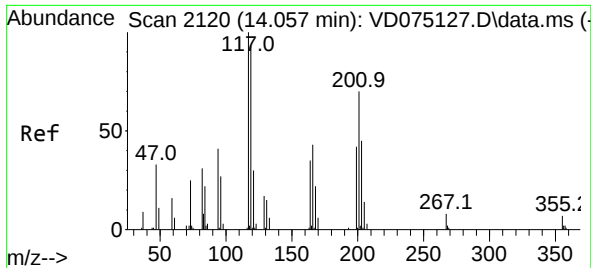
Tgt Ion: 75 Resp: 10934
Ion Ratio Lower Upper
75 100
53 0.0 70.5 105.7#
89 0.0 34.6 52.0#



#84
1,2,4-Trimethylbenzene
Concen: 1.203 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. -0.000 min
Lab File: VD075165.D
Acq: 20 Jan 2023 20:41

Tgt Ion: 105 Resp: 1600
Ion Ratio Lower Upper
105 100
120 38.6 23.2 69.5

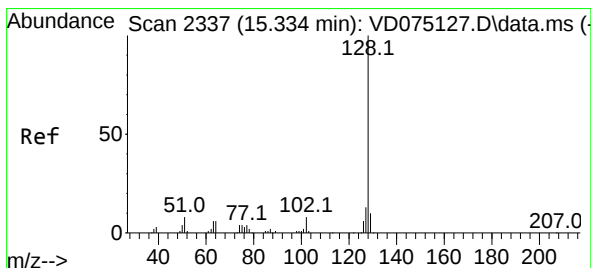
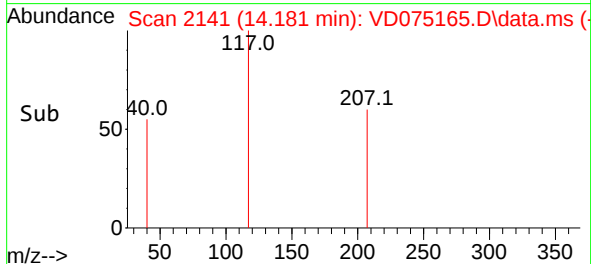
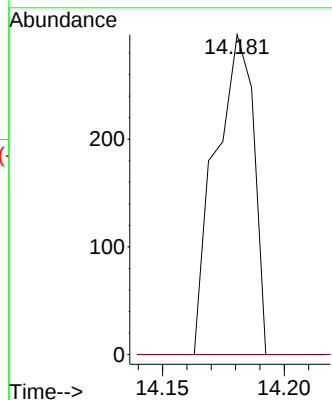
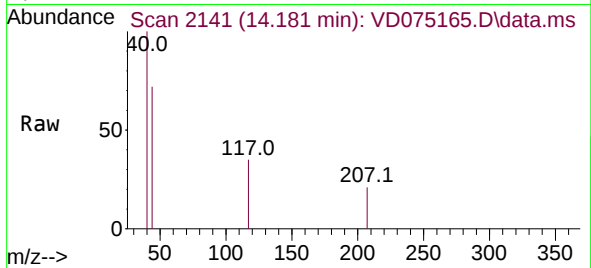




#90
Hexachloroethane
Concen: 1.267 ug/l
RT: 14.181 min Scan# 2120
Delta R.T. 0.123 min
Lab File: VD075165.D
Acq: 20 Jan 2023 20:41

Instrument :
MSVOA_D
ClientSampleId :
WASTE-VOA-2

Tgt Ion:117 Resp: 326
Ion Ratio Lower Upper
117 100
201 0.0 35.1 105.5#



#95
Naphthalene
Concen: 6.041 ug/l
RT: 15.334 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VD075165.D
Acq: 20 Jan 2023 20:41

Tgt Ion:128 Resp: 4944
Ion Ratio Lower Upper
128 100
127 5.3 10.6 15.8#
129 9.1 8.7 13.1

