

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111221\
 Data File : VW023462.D
 Acq On : 12 Nov 2021 23:37
 Operator : SY/MD
 Sample : M4616-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG1X9

Quant Time: Nov 13 01:59:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 13 01:39:11 2021
 Response via : Initial Calibration

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

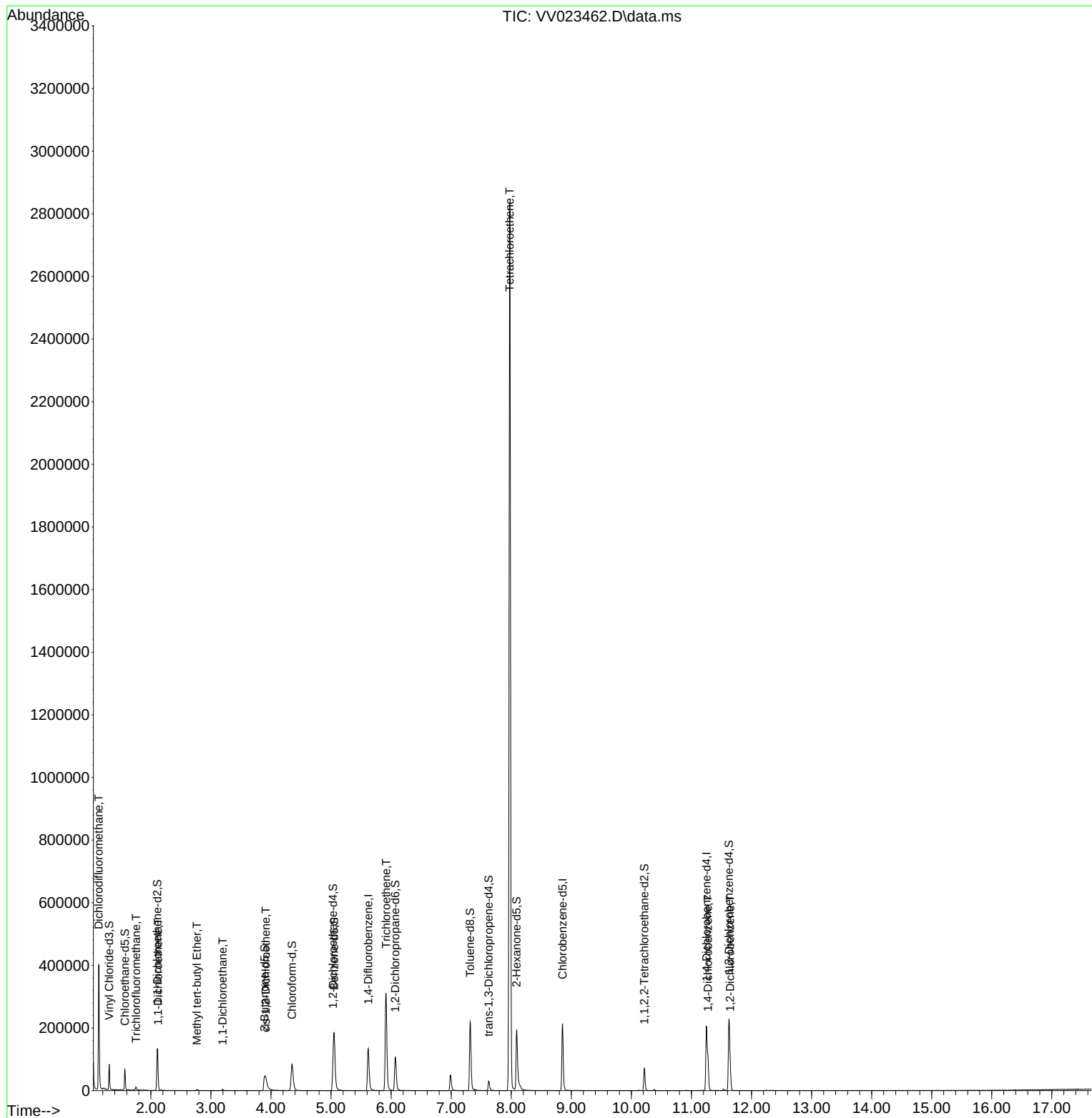
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	118874	5.000	ug/L	-0.02
28) Chlorobenzene-d5	8.854	117	120215	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	52291	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	50253	6.748	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	135.000%#
7) Chloroethane-d5	1.568	69	37061	6.106	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	122.200%
11) 1,1-Dichloroethene-d2	2.108	63	67610	4.850	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.000%
20) 2-Butanone-d5	3.892	46	80023	62.373	ug/L	-0.10
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.740%
24) Chloroform-d	4.349	84	85426	5.383	ug/L	-0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.600%
26) 1,2-Dichloroethane-d4	5.034	65	42224	5.916	ug/L	-0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	118.400%
32) Benzene-d6	5.053	84	168208	5.453	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.000%
36) 1,2-Dichloropropane-d6	6.069	67	51070	5.625	ug/L	-0.03
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.400%
41) Toluene-d8	7.317	98	147181	5.092	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%
43) trans-1,3-Dichloroprop...	7.625	79	17904	5.200	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.000%
46) 2-Hexanone-d5	8.088	63	61684	48.695	ug/L	-0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.380%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	32167	4.926	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	55763	6.404	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	128.000%#
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	61547	5.310	ug/L	99
9) Trichlorofluoromethane	1.754	101	5311	0.359	ug/L	97
12) 1,1-Dichloroethene	2.121	96	3372	0.476	ug/L #	1
17) Methyl tert-butyl Ether	2.767	73	2202	0.141	ug/L #	90
19) 1,1-Dichloroethane	3.195	63	4032	0.274	ug/L	88
22) cis-1,2-Dichloroethene	3.912	96	7071	0.843	ug/L #	91
34) Trichloroethene	5.915	95	106438	11.912	ug/L	98
47) Tetrachloroethene	7.976	164	623283	80.488	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	42426	2.710	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	30653	2.234	ug/L	99

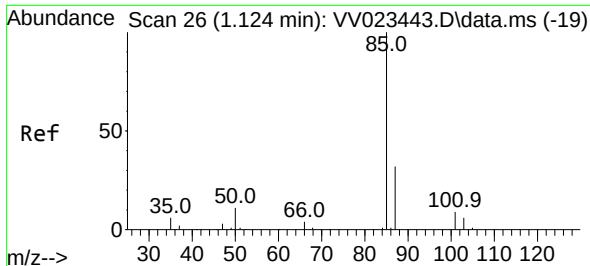
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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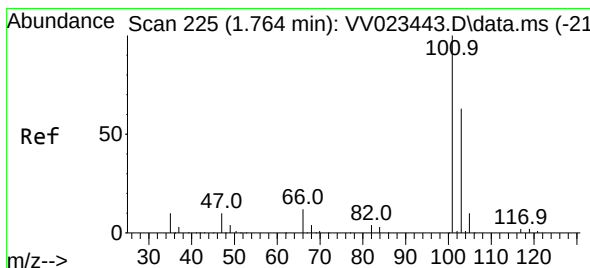
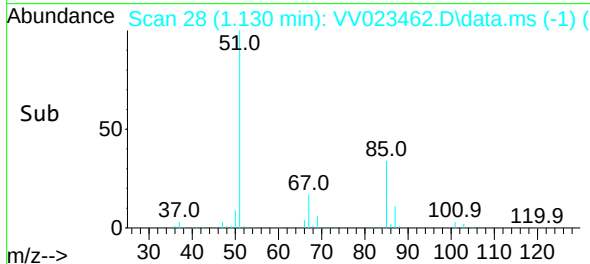
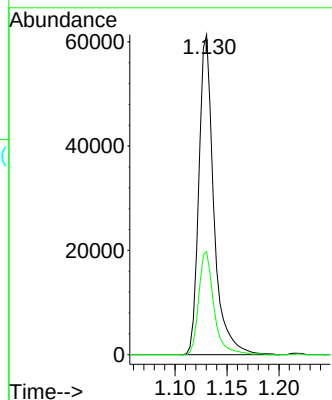
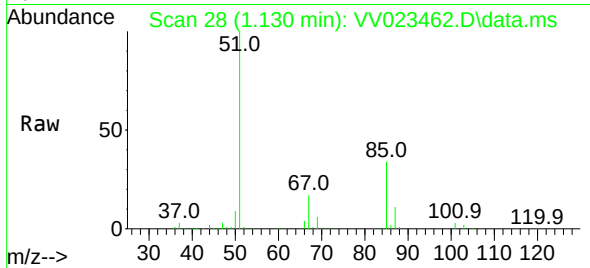




#2
 Dichlorodifluoromethane
 Concen: 5.310 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VV023462.D
 Acq: 12 Nov 2021 23:37

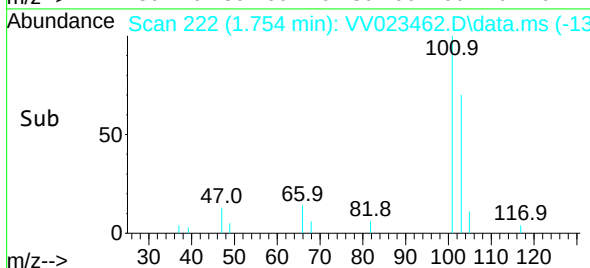
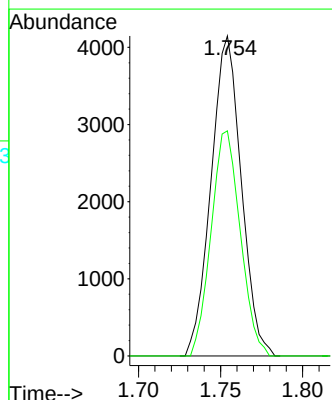
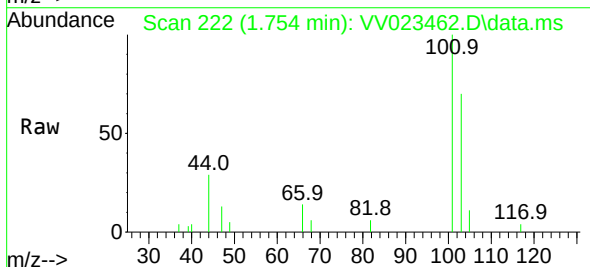
Instrument :
 MSVOA_V
 ClientSampleId :
 BG1X9

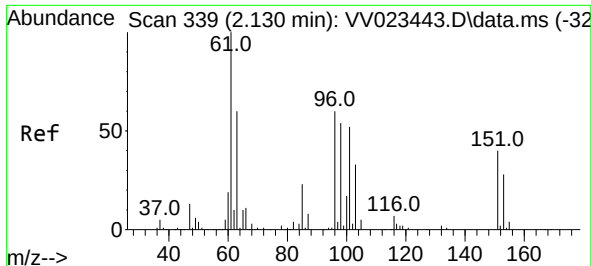
Tgt Ion: 85 Resp: 61547
 Ion Ratio Lower Upper
 85 100
 87 32.7 26.6 39.8



#9
 Trichlorofluoromethane
 Concen: 0.359 ug/L
 RT: 1.754 min Scan# 222
 Delta R.T. -0.010 min
 Lab File: VV023462.D
 Acq: 12 Nov 2021 23:37

Tgt Ion: 101 Resp: 5311
 Ion Ratio Lower Upper
 101 100
 103 67.9 52.6 79.0





#12

1,1-Dichloroethene

Concen: 0.476 ug/L

RT: 2.121 min Scan# 31

Delta R.T. -0.010 min

Lab File: VV023462.D

Acq: 12 Nov 2021 23:37

Instrument :

MSVOA_V

ClientSampleId :

BG1X9

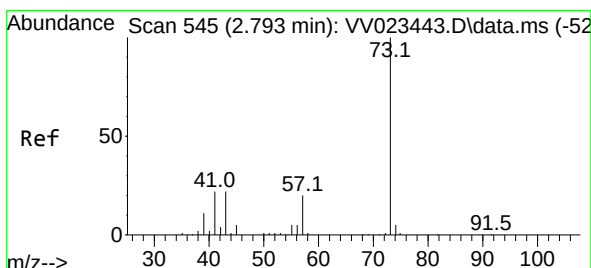
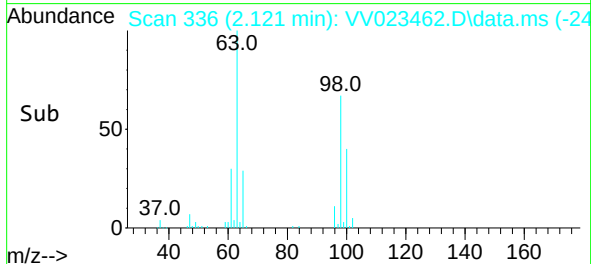
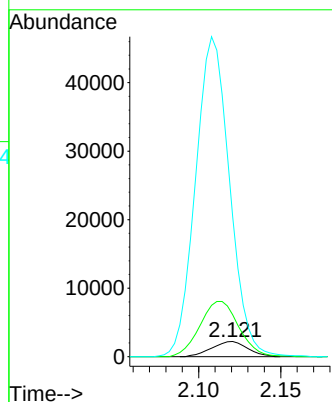
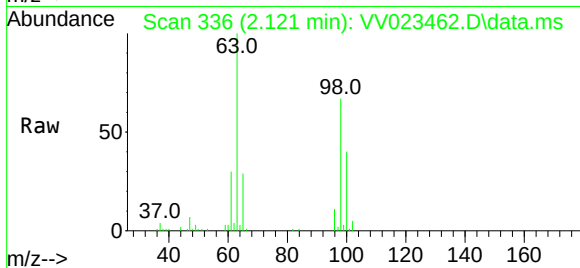
Tgt Ion: 96 Resp: 3372

Ion Ratio Lower Upper

96 100

61 276.3 121.5 225.7#

63 922.4 99.6 185.0#



#17

Methyl tert-butyl Ether

Concen: 0.141 ug/L

RT: 2.767 min Scan# 537

Delta R.T. -0.026 min

Lab File: VV023462.D

Acq: 12 Nov 2021 23:37

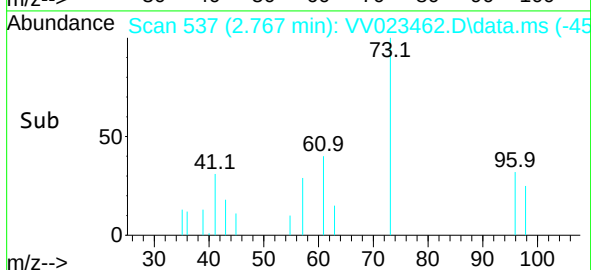
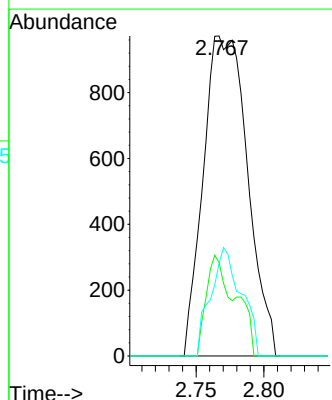
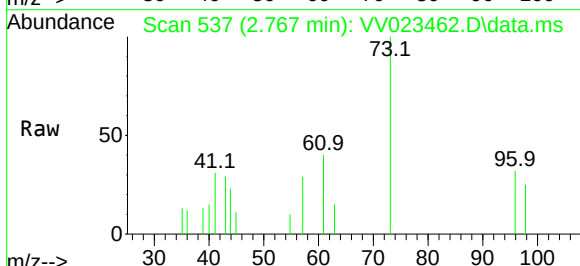
Tgt Ion: 73 Resp: 2202

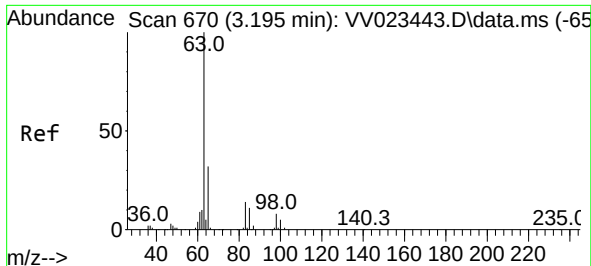
Ion Ratio Lower Upper

73 100

43 14.9 17.4 26.0#

57 23.5 16.5 24.7





#19

1,1-Dichloroethane

Concen: 0.274 ug/L

RT: 3.195 min Scan# 61

Delta R.T. -0.000 min

Lab File: VV023462.D

Acq: 12 Nov 2021 23:37

Instrument :

MSVOA_V

ClientSampleId :

BG1X9

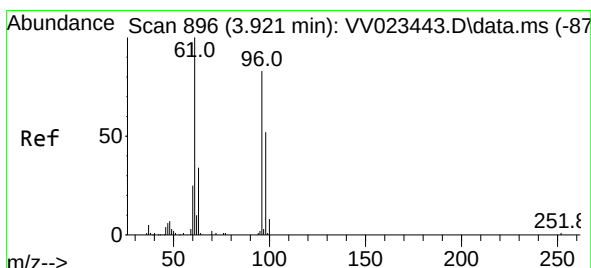
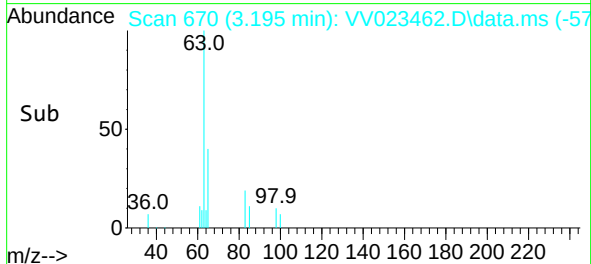
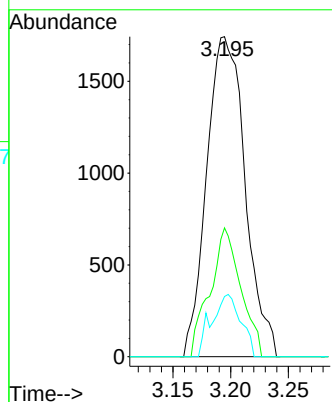
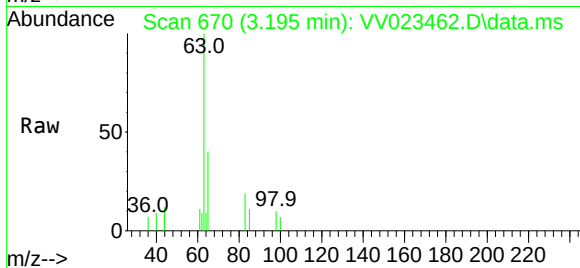
Tgt Ion: 63 Resp: 4032

Ion Ratio Lower Upper

63 100

65 40.3 22.6 42.0

83 18.8 11.1 20.7



#22

cis-1,2-Dichloroethene

Concen: 0.843 ug/L

RT: 3.912 min Scan# 893

Delta R.T. -0.010 min

Lab File: VV023462.D

Acq: 12 Nov 2021 23:37

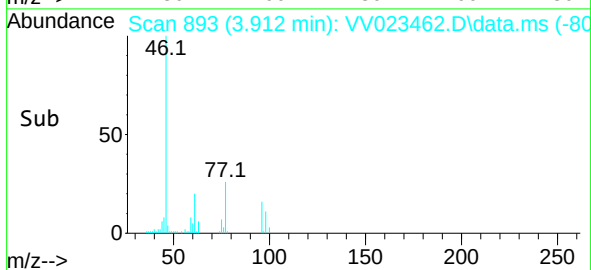
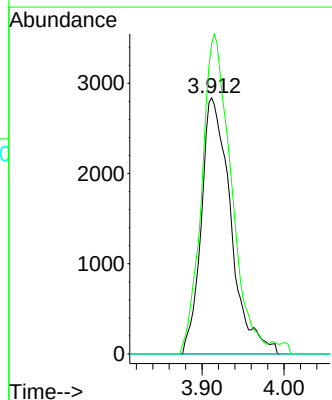
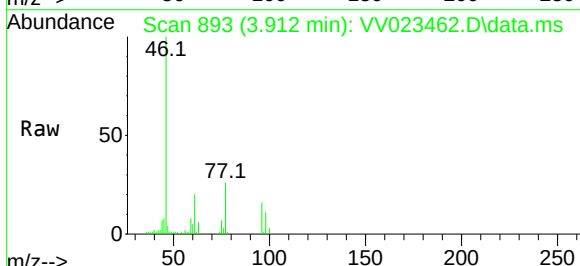
Tgt Ion: 96 Resp: 7071

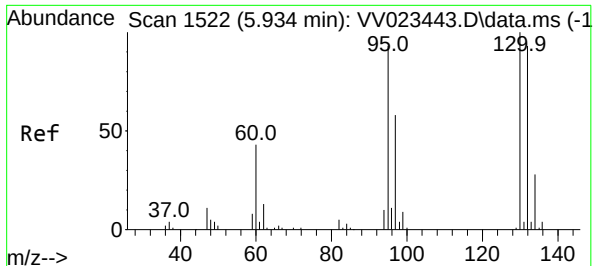
Ion Ratio Lower Upper

96 100

61 121.1 92.3 171.3

68 0.0 0.4 0.8

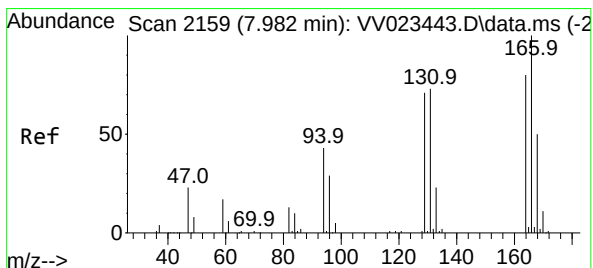
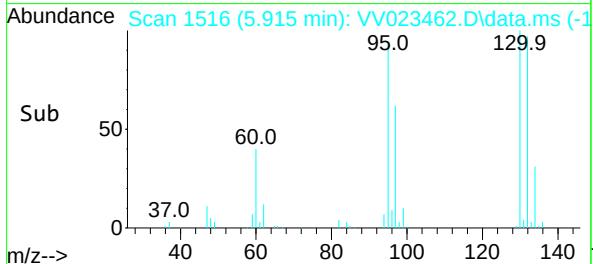
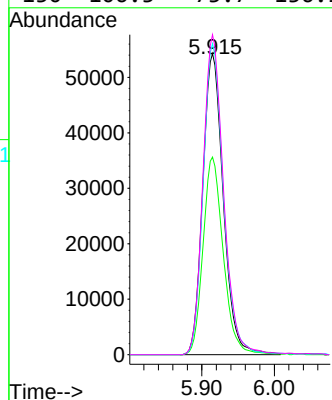
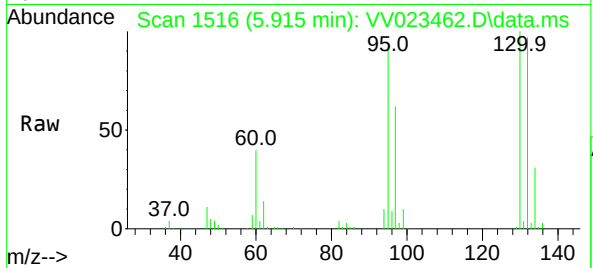




#34
Trichloroethene
Concen: 11.912 ug/L
RT: 5.915 min Scan# 11
Delta R.T. -0.019 min
Lab File: VV023462.D
Acq: 12 Nov 2021 23:37

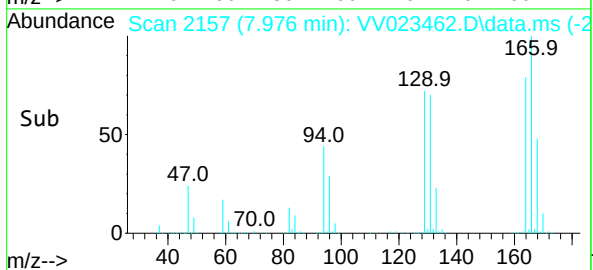
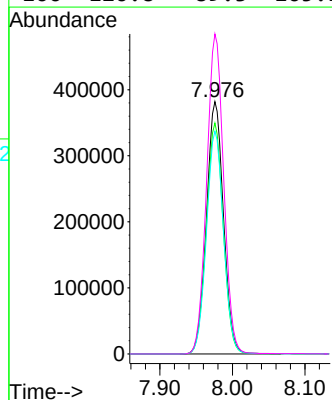
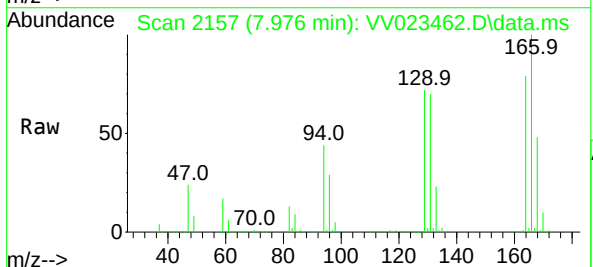
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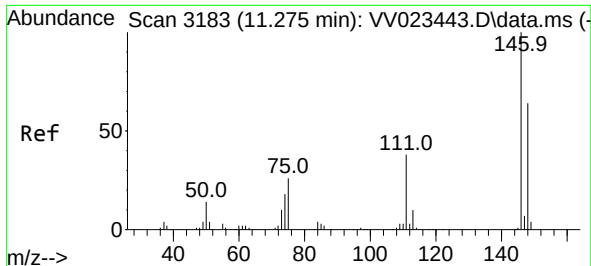
Tgt Ion: 95 Resp: 106438
Ion Ratio Lower Upper
95 100
97 65.6 45.0 83.6
132 103.3 69.7 129.4
130 106.3 73.7 136.9



#47
Tetrachloroethene
Concen: 80.488 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.006 min
Lab File: VV023462.D
Acq: 12 Nov 2021 23:37

Tgt Ion: 164 Resp: 623283
Ion Ratio Lower Upper
164 100
129 91.5 64.0 119.0
131 88.3 63.4 117.8
166 126.8 89.3 165.9

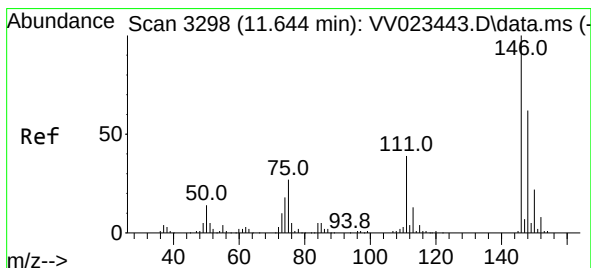
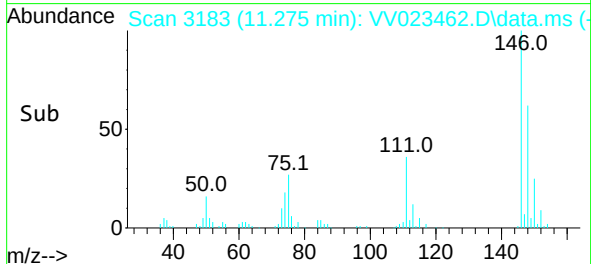
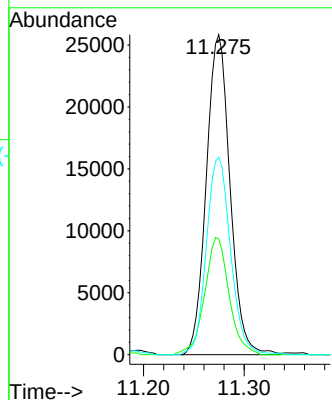
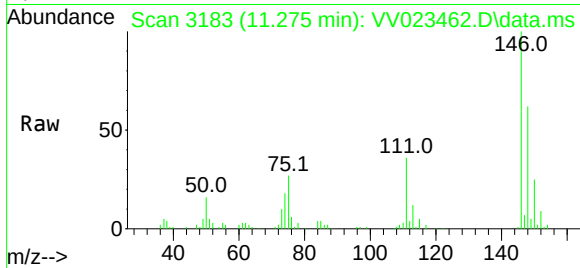




#65
1,4-Dichlorobenzene
Concen: 2.710 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. -0.000 min
Lab File: VV023462.D
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Tgt Ion:146 Resp: 42426
Ion Ratio Lower Upper
146 100
111 36.2 26.2 48.8
148 61.8 44.4 82.5



#67
1,2-Dichlorobenzene
Concen: 2.234 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. -0.000 min
Lab File: VV023462.D
Acq: 12 Nov 2021 23:37

Tgt Ion:146 Resp: 30653
Ion Ratio Lower Upper
146 100
111 40.8 31.6 47.4
148 64.1 51.0 76.6

