

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111721\
 Data File : VW023587.D
 Acq On : 17 Nov 2021 22:11
 Operator : SY/MD
 Sample : M4627-15
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4642

Quant Time: Nov 18 00:25:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 18 00:20:29 2021
 Response via : Initial Calibration

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

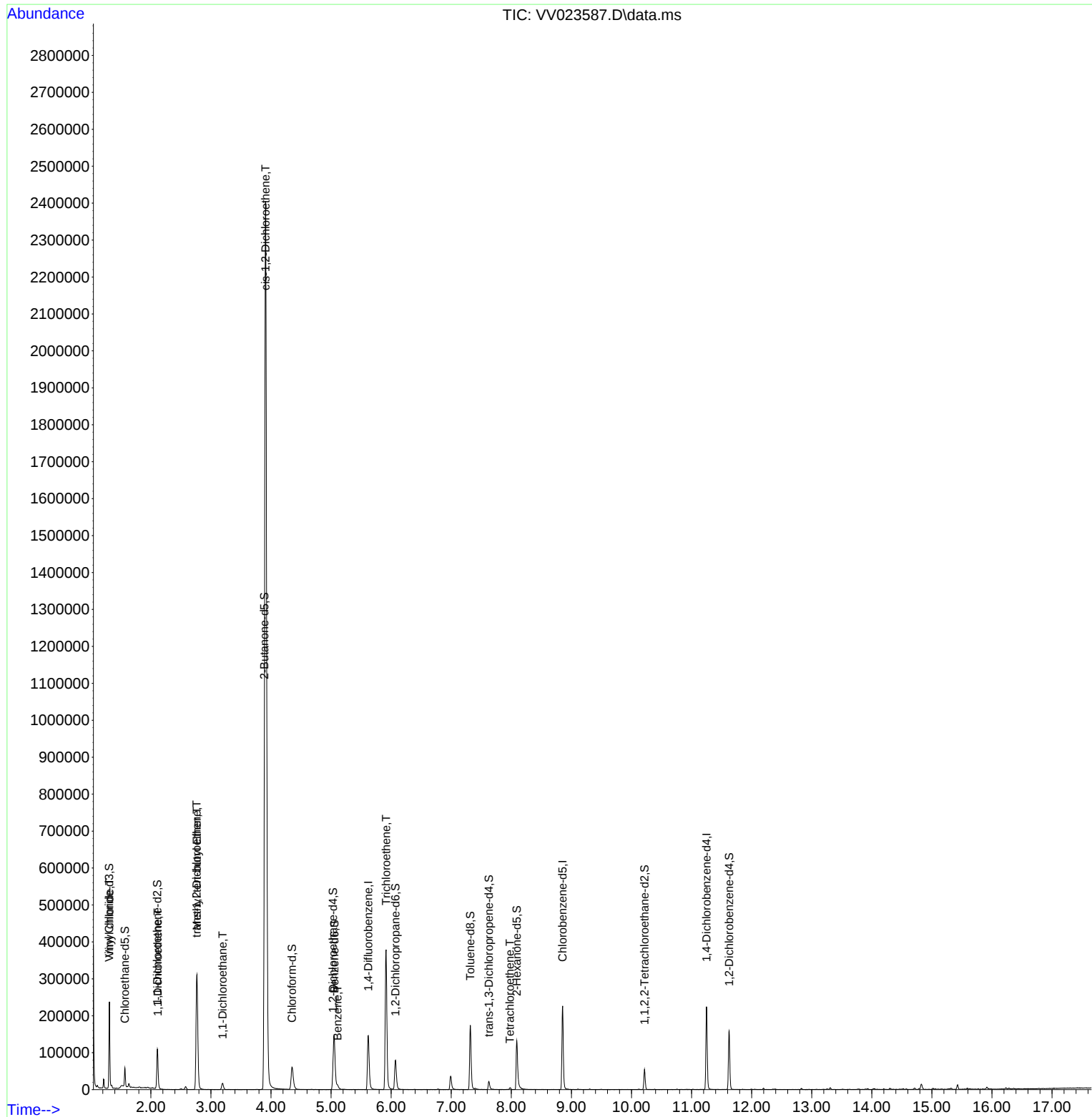
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	129878	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	127158	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	60858	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	40861	5.022	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	100.400%	
7) Chloroethane-d5	1.568	69	29410	4.435	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	88.800%	
11) 1,1-Dichloroethene-d2	2.108	63	54063	3.549	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	71.000%	
20) 2-Butanone-d5	3.889	46	64553	46.052	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	92.100%	
24) Chloroform-d	4.349	84	61586	3.552	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	71.000%	
26) 1,2-Dichloroethane-d4	5.034	65	31023	3.979	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	79.600%	
32) Benzene-d6	5.053	84	129624	3.973	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	79.400%	
36) 1,2-Dichloropropane-d6	6.072	67	37245	3.878	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	77.600%	
41) Toluene-d8	7.317	98	114487	3.745	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	74.800%	
43) trans-1,3-Dichloroprop...	7.625	79	12744	3.499	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	70.000%	
46) 2-Hexanone-d5	8.092	63	45302	33.810	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	67.620%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	24637	3.567	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	71.400%	
66) 1,2-Dichlorobenzene-d4	11.625	152	42066	4.151	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	83.000%	
Target Compounds						Qvalue
5) Vinyl chloride	1.311	62	92758	8.626	ug/L	100
12) 1,1-Dichloroethene	2.118	96	2860	0.369	ug/L #	1
17) Methyl tert-butyl Ether	2.767	73	222111	13.028	ug/L	97
18) trans-1,2-Dichloroethene	2.761	96	39364	4.134	ug/L	98
19) 1,1-Dichloroethane	3.195	63	16985	1.057	ug/L	97
22) cis-1,2-Dichloroethene	3.908	96	1355114	147.893	ug/L #	92
33) Benzene	5.108	78	9214	0.259	ug/L	100
34) Trichloroethene	5.915	95	127733	13.515	ug/L	98
47) Tetrachloroethene	7.976	164	1115	0.136	ug/L	92

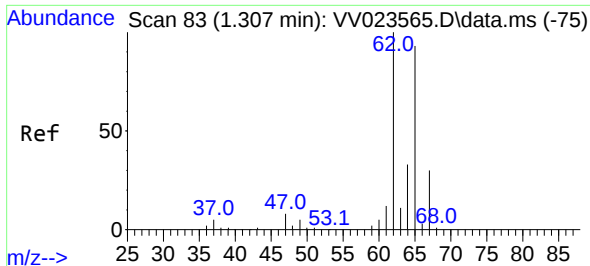
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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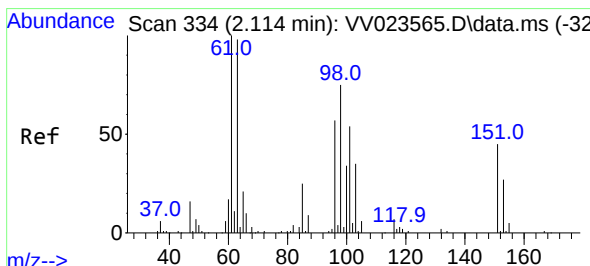
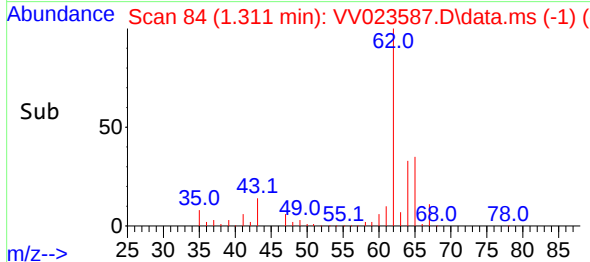
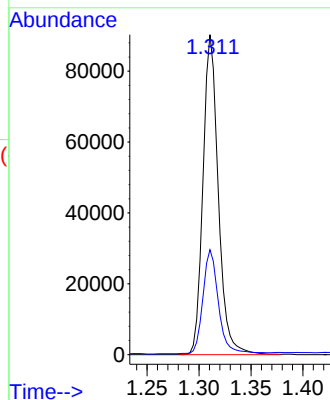
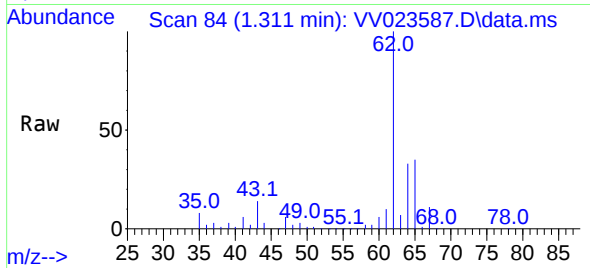




#5
 Vinyl chloride
 Concen: 8.626 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV023587.D
 Acq: 17 Nov 2021 22:11

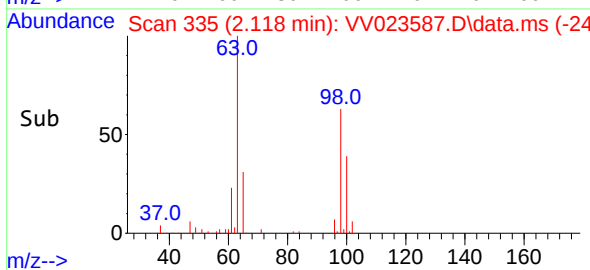
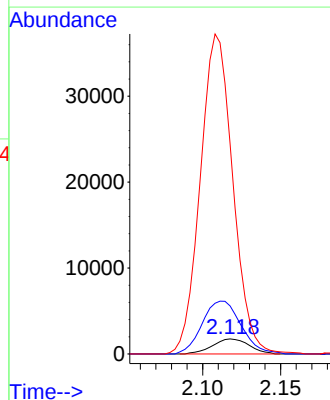
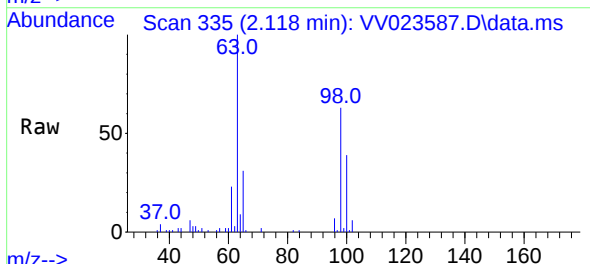
Instrument :
 MSVOA_V
 ClientSampleId :
 H4642

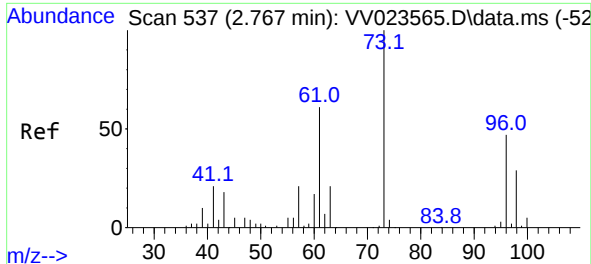
Tgt Ion: 62 Resp: 92758
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.1 42.9



#12
 1,1-Dichloroethene
 Concen: 0.369 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.003 min
 Lab File: VV023587.D
 Acq: 17 Nov 2021 22:11

Tgt Ion: 96 Resp: 2860
 Ion Ratio Lower Upper
 96 100
 61 320.0 121.5 225.7#
 63 1397.1 99.6 185.0#





#17

Methyl tert-butyl Ether

Concen: 13.028 ug/L

RT: 2.767 min Scan# 51

Delta R.T. 0.000 min

Lab File: VV023587.D

Acq: 17 Nov 2021 22:11

Instrument :

MSVOA_V

ClientSampleId :

H4642

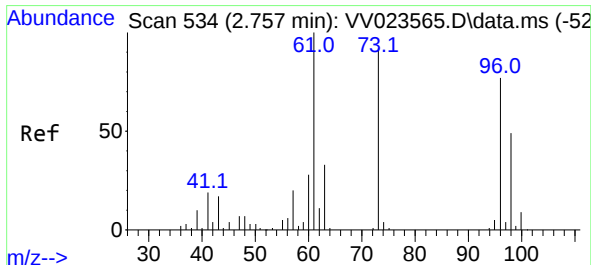
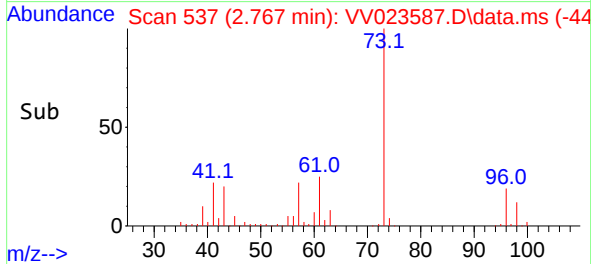
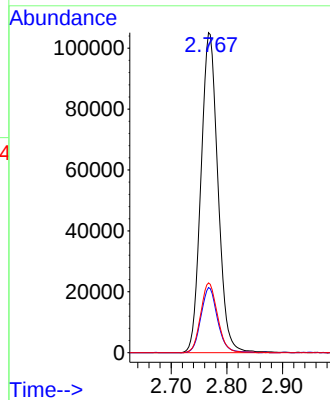
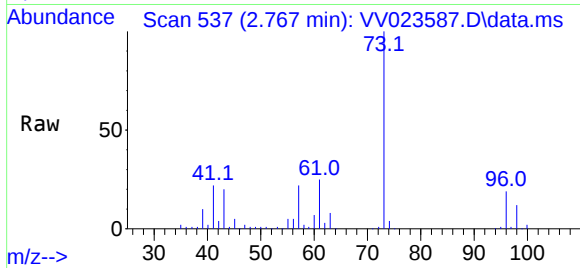
Tgt Ion: 73 Resp: 222111

Ion Ratio Lower Upper

73 100

43 20.0 17.4 26.0

57 21.7 16.5 24.7



#18

trans-1,2-Dichloroethene

Concen: 4.134 ug/L

RT: 2.761 min Scan# 535

Delta R.T. 0.003 min

Lab File: VV023587.D

Acq: 17 Nov 2021 22:11

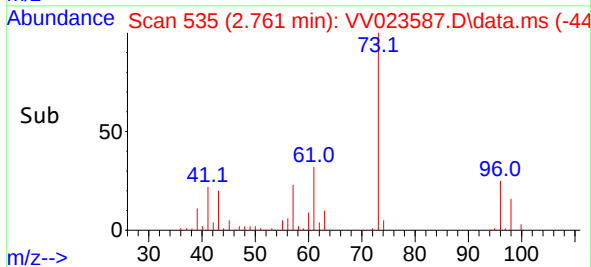
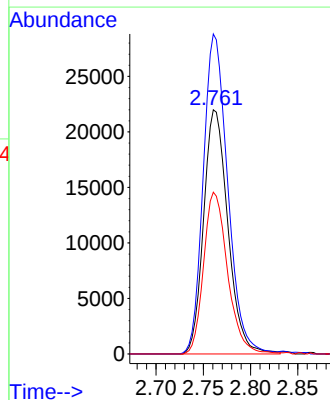
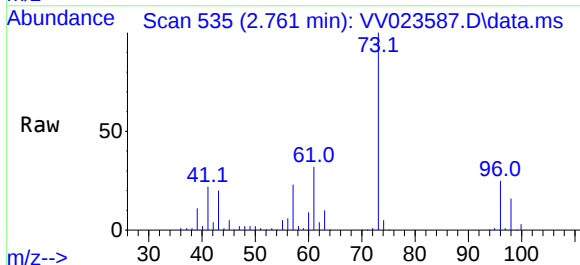
Tgt Ion: 96 Resp: 39364

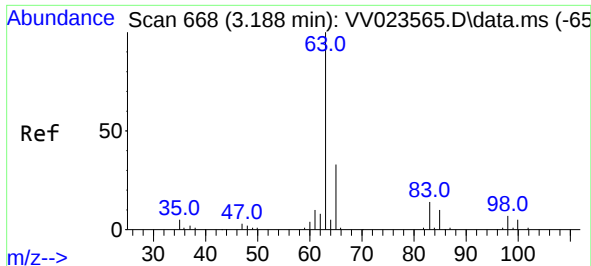
Ion Ratio Lower Upper

96 100

61 131.0 93.2 173.2

98 66.2 47.0 87.2





#19

1,1-Dichloroethane

Concen: 1.057 ug/L

RT: 3.195 min Scan# 61

Delta R.T. 0.007 min

Lab File: VV023587.D

Acq: 17 Nov 2021 22:11

Instrument :

MSVOA_V

ClientSampleId :

H4642

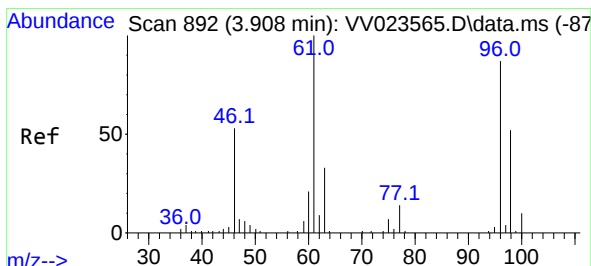
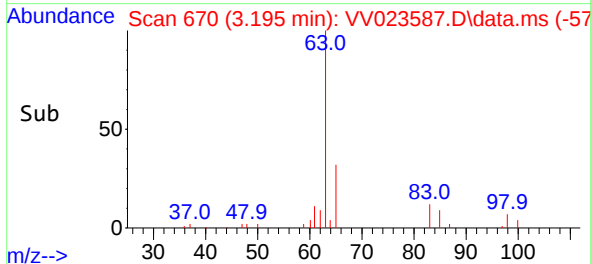
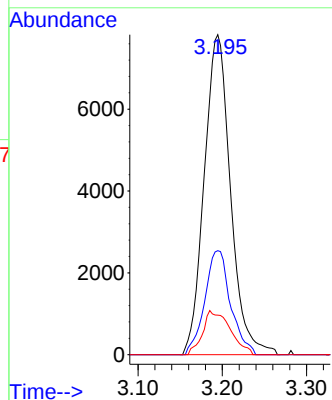
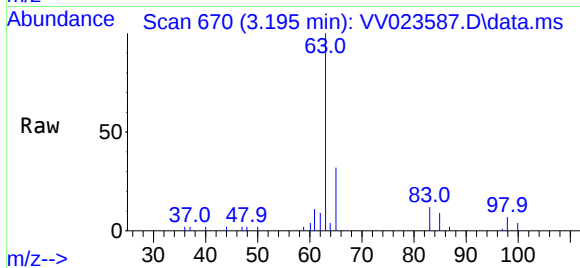
Tgt Ion: 63 Resp: 16985

Ion Ratio Lower Upper

63 100

65 32.5 22.6 42.0

83 12.3 11.1 20.7



#22

cis-1,2-Dichloroethene

Concen: 147.893 ug/L

RT: 3.908 min Scan# 892

Delta R.T. 0.000 min

Lab File: VV023587.D

Acq: 17 Nov 2021 22:11

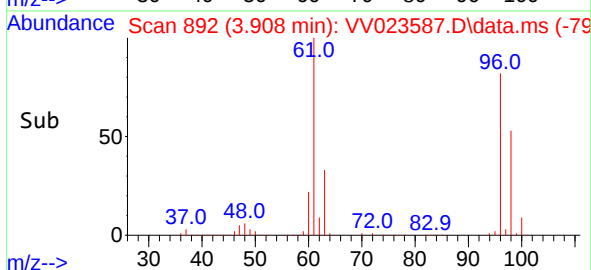
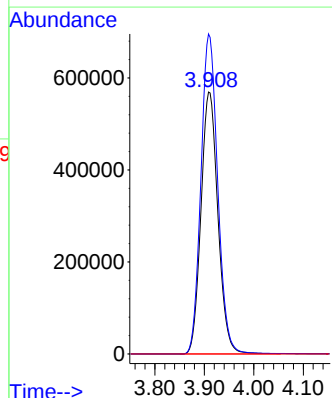
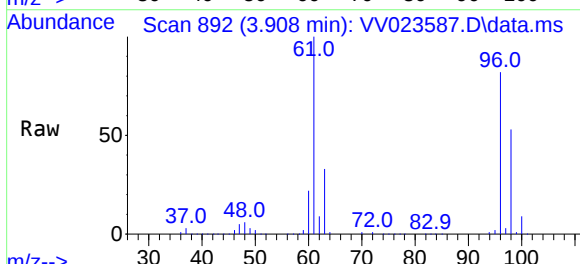
Tgt Ion: 96 Resp: 1355114

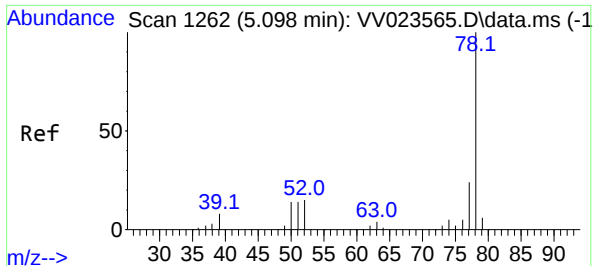
Ion Ratio Lower Upper

96 100

61 122.2 92.3 171.3

68 0.0 0.4 0.8#

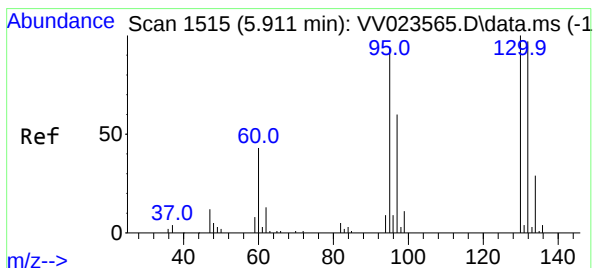
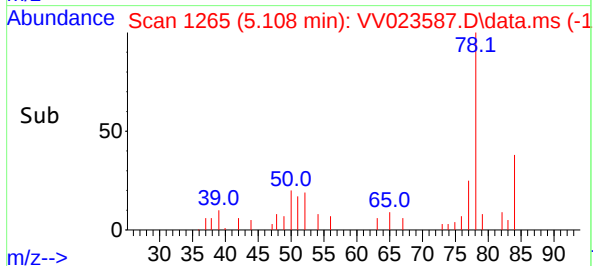
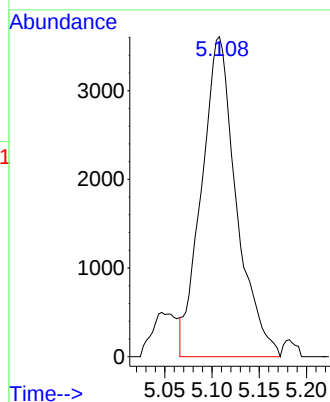
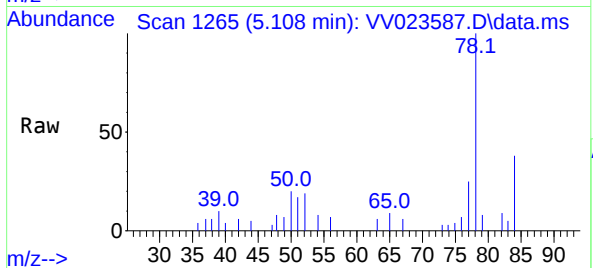




#33
Benzene
Concen: 0.259 ug/L
RT: 5.108 min Scan# 1265
Delta R.T. 0.010 min
Lab File: VV023587.D
Acq: 17 Nov 2021 22:11

Tgt Ion: 78 Resp: 9214

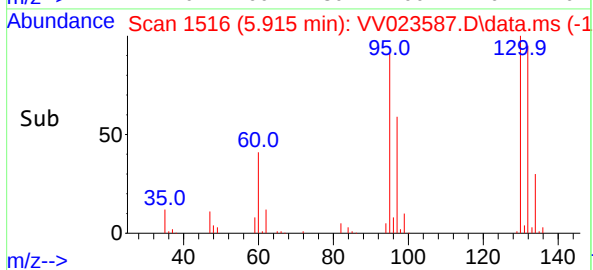
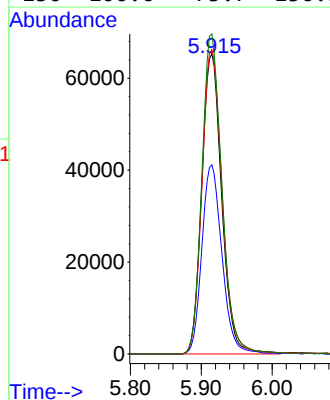
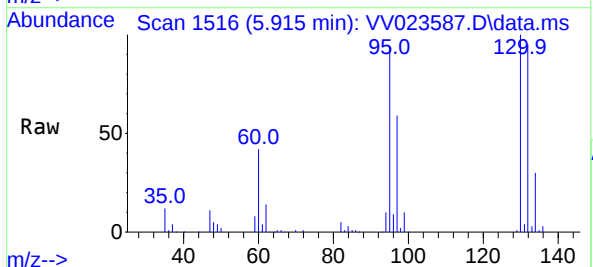
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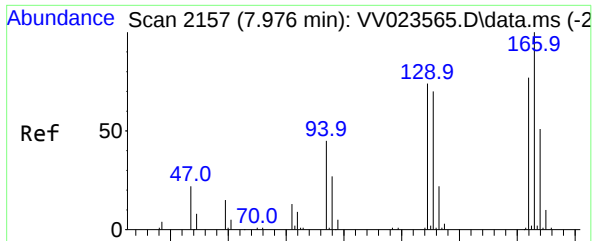


#34
Trichloroethene
Concen: 13.515 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV023587.D
Acq: 17 Nov 2021 22:11

Tgt Ion: 95 Resp: 127733

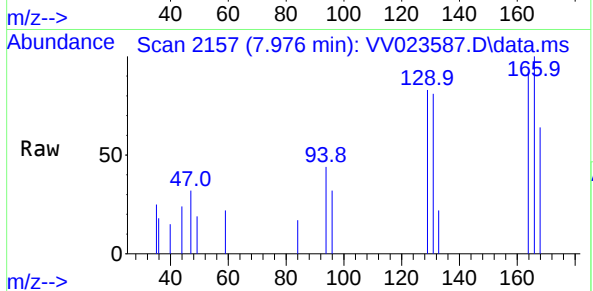
Ion	Ratio	Lower	Upper
95	100		
97	63.0	45.0	83.6
132	101.4	69.7	129.4
130	106.6	73.7	136.9





#47
Tetrachloroethene
Concen: 0.136 ug/L
RT: 7.976 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV023587.D
Acq: 17 Nov 2021 22:11

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion:164 Resp: 1115

Ion	Ratio	Lower	Upper
164	100		
129	90.1	64.0	119.0
131	87.7	63.4	117.8
166	108.3	89.3	165.9

