

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082922\
 Data File : VV027561.D
 Acq On : 29 Aug 2022 14:44
 Operator : SY/MD
 Sample : N4366-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5F07

Quant Time: Aug 30 04:18:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 27 03:12:26 2022
 Response via : Initial Calibration

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

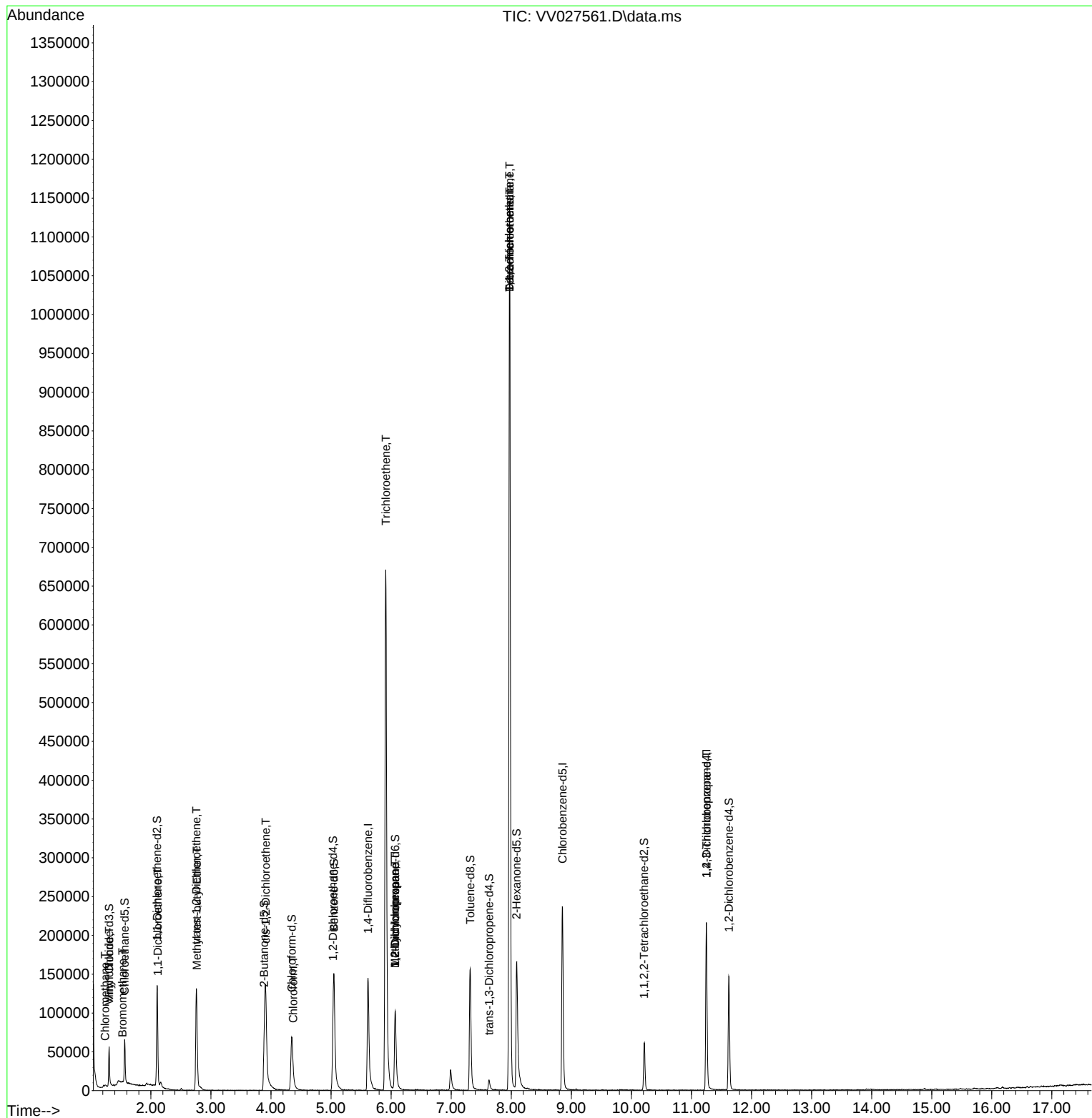
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	128896	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	136023	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	55145	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	37646	4.104	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.000%
7) Chloroethane-d5	1.564	69	35326	5.262	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.200%
11) 1,1-Dichloroethene-d2	2.105	63	67925	3.175	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.600%
20) 2-Butanone-d5	3.886	46	68886	60.339	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.680%
24) Chloroform-d	4.346	84	73886	4.028	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.600%
26) 1,2-Dichloroethane-d4	5.034	65	37450	4.719	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
32) Benzene-d6	5.050	84	139288	3.697	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.000%
36) 1,2-Dichloropropane-d6	6.069	67	48426	4.421	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.400%
41) Toluene-d8	7.317	98	110955	3.262	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.200%#
43) trans-1,3-Dichloroprop...	7.632	79	9533	2.542	ug/L	0.01
Spiked Amount	5.000	Range	55 - 130	Recovery	=	50.800%#
46) 2-Hexanone-d5	8.088	63	55311	44.801	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.600%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	29143	4.178	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	37889	4.635	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.236	50	477	0.040	ug/L #	42
5) Vinyl chloride	1.307	62	811	0.067	ug/L #	1
6) Bromomethane	1.526	94	331	0.056	ug/L #	43
12) 1,1-Dichloroethene	2.114	96	1747	0.179	ug/L #	1
17) Methyl tert-butyl Ether	2.767	73	9619	0.477	ug/L	94
18) trans-1,2-Dichloroethene	2.757	96	46016	4.580	ug/L	100
22) cis-1,2-Dichloroethene	3.912	96	68651	6.412	ug/L	99
25) Chloroform	4.371	83	4932	0.218	ug/L	81
34) Trichloroethene	5.912	95	248739	20.900	ug/L	98
35) Methylcyclohexane	6.066	83	12354	0.738	ug/L #	15
37) 1,2-Dichloropropane	6.066	63	5837	0.484	ug/L #	85
45) 1,1,2-Trichloroethane	7.969	97	2179	0.283	ug/L #	1
47) Tetrachloroethene	7.973	164	247753	26.721	ug/L	98
49) Dibromochloromethane	7.973	129	234751	24.763	ug/L #	9
61) 1,2,3-Trichloropropane	11.249	75	6966	1.440	ug/L #	67

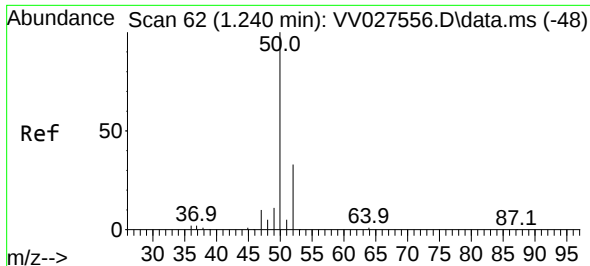
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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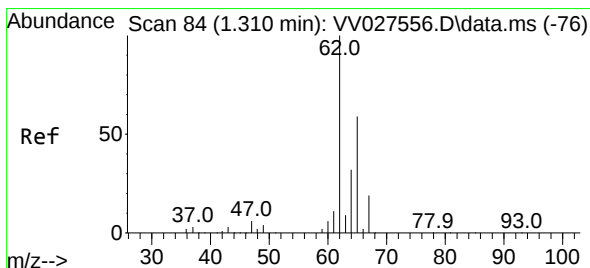
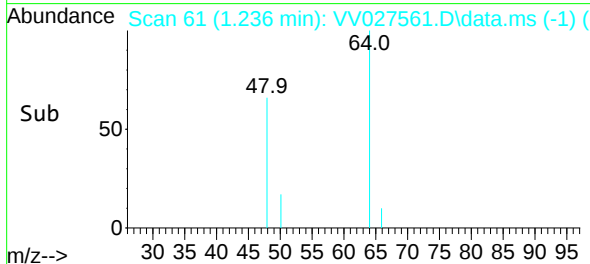
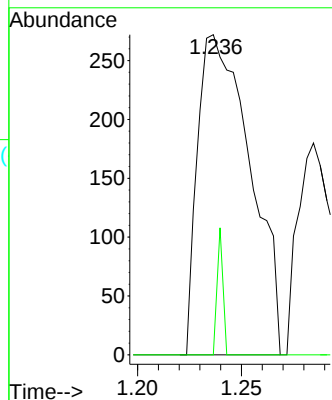
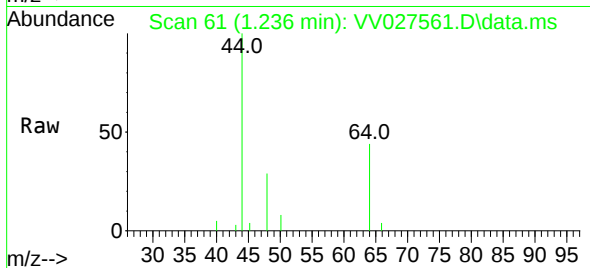




#3
Chloromethane
Concen: 0.040 ug/L
RT: 1.236 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV027561.D
Acq: 29 Aug 2022 14:44

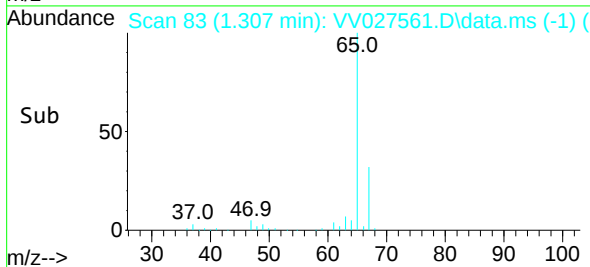
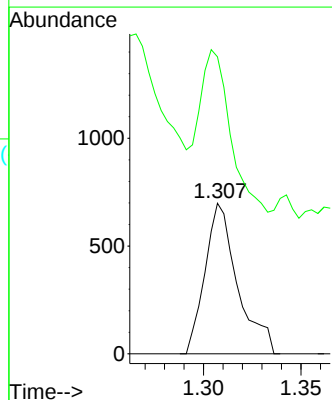
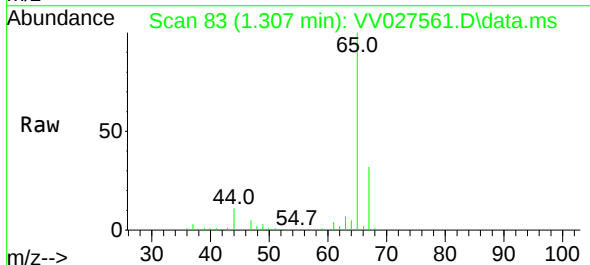
Instrument :
MSVOA_V
ClientSampleId :
F5F07

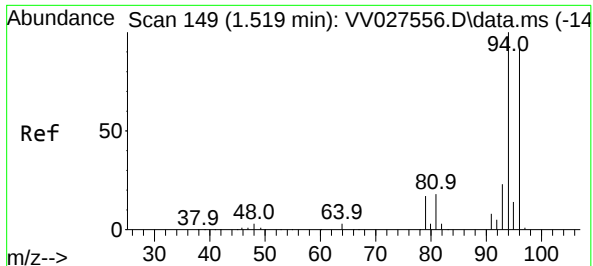
Tgt Ion: 50 Resp: 477
Ion Ratio Lower Upper
50 100
52 0.0 22.8 42.4#



#5
Vinyl chloride
Concen: 0.067 ug/L
RT: 1.307 min Scan# 83
Delta R.T. 0.000 min
Lab File: VV027561.D
Acq: 29 Aug 2022 14:44

Tgt Ion: 62 Resp: 811
Ion Ratio Lower Upper
62 100
64 197.1 22.6 42.0#

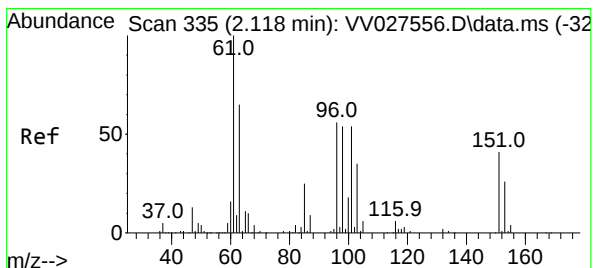
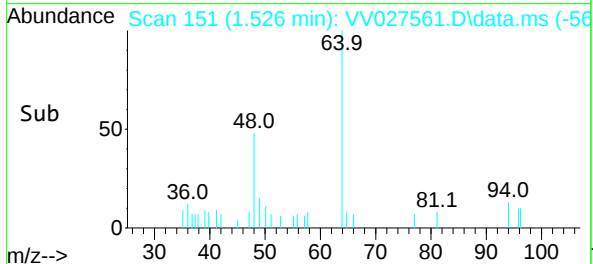
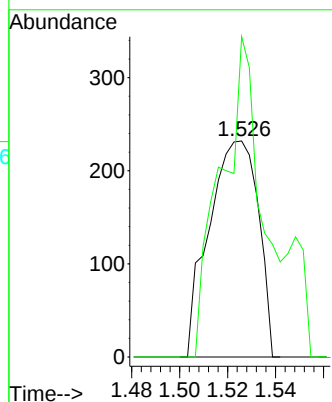
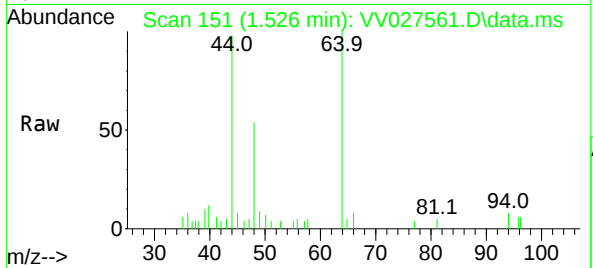




#6
Bromomethane
Concen: 0.056 ug/L
RT: 1.526 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV027561.D
Acq: 29 Aug 2022 14:44

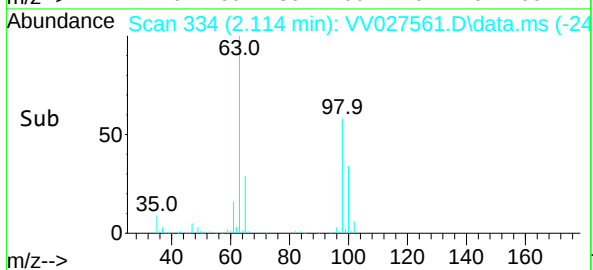
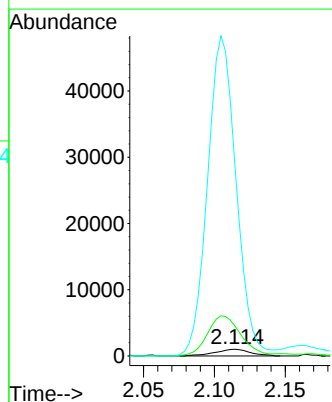
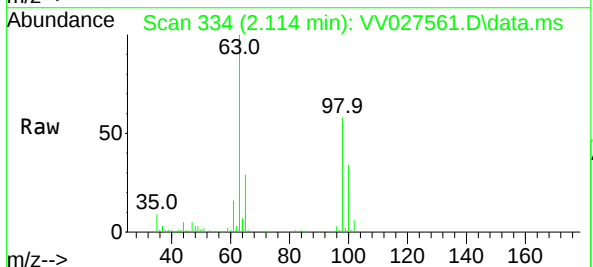
Instrument :
MSVOA_V
ClientSampleId :
F5F07

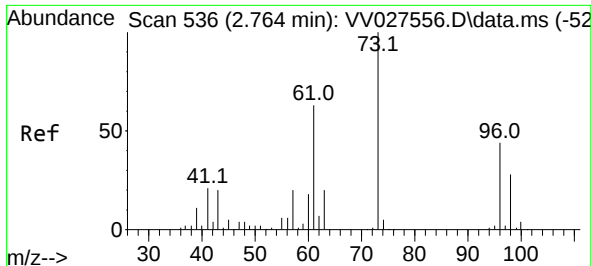
Tgt Ion: 94 Resp: 331
Ion Ratio Lower Upper
94 100
96 148.3 65.2 121.0#



#12
1,1-Dichloroethene
Concen: 0.179 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.003 min
Lab File: VV027561.D
Acq: 29 Aug 2022 14:44

Tgt Ion: 96 Resp: 1747
Ion Ratio Lower Upper
96 100
61 447.7 130.2 241.8#
63 2875.5 87.4 162.4#





#17

Methyl tert-butyl Ether

Concen: 0.477 ug/L

RT: 2.767 min Scan# 51

Delta R.T. 0.003 min

Lab File: VV027561.D

Acq: 29 Aug 2022 14:44

Instrument :

MSVOA_V

ClientSampleId :

F5F07

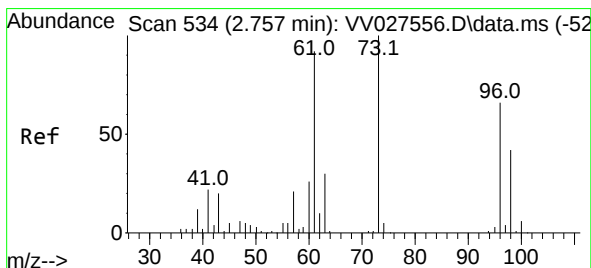
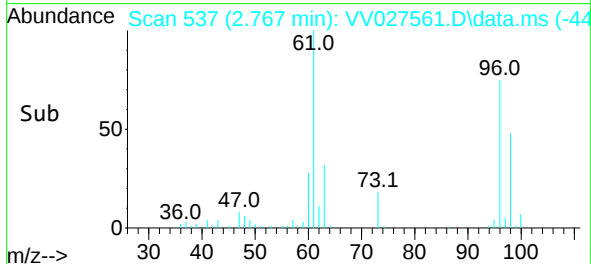
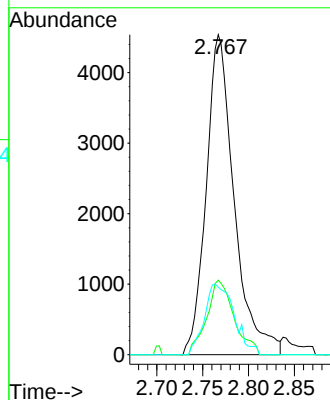
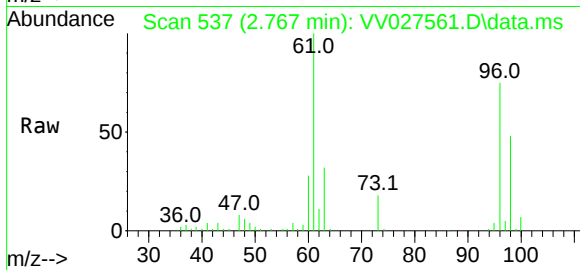
Tgt Ion: 73 Resp: 9619

Ion Ratio Lower Upper

73 100

43 22.7 15.6 23.4

57 23.5 17.0 25.6



#18

trans-1,2-Dichloroethene

Concen: 4.580 ug/L

RT: 2.757 min Scan# 534

Delta R.T. 0.003 min

Lab File: VV027561.D

Acq: 29 Aug 2022 14:44

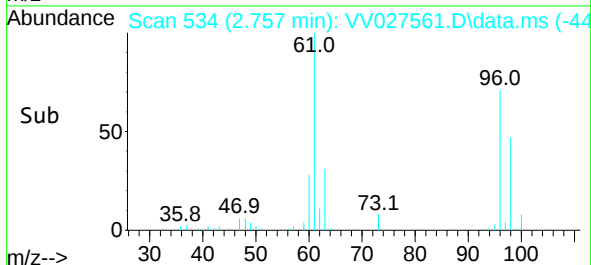
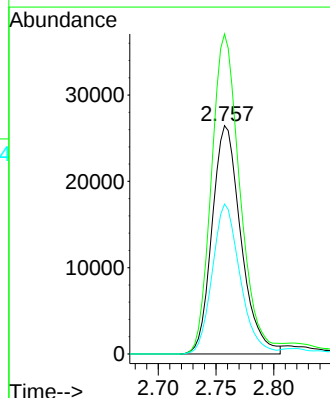
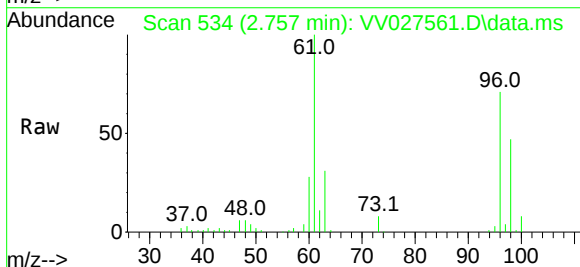
Tgt Ion: 96 Resp: 46016

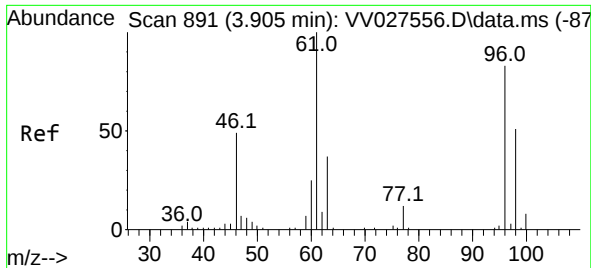
Ion Ratio Lower Upper

96 100

61 140.1 97.6 181.4

98 65.6 45.9 85.3





#22

cis-1,2-Dichloroethene

Concen: 6.412 ug/L

RT: 3.912 min Scan# 891

Delta R.T. 0.006 min

Lab File: VV027561.D

Acq: 29 Aug 2022 14:44

Instrument :

MSVOA_V

ClientSampleId :

F5F07

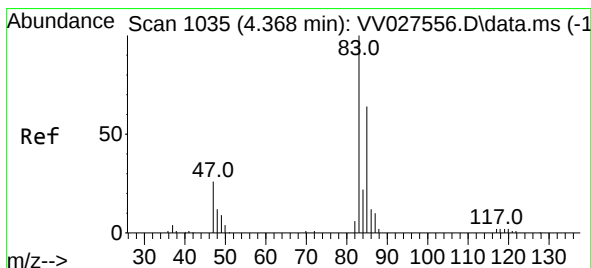
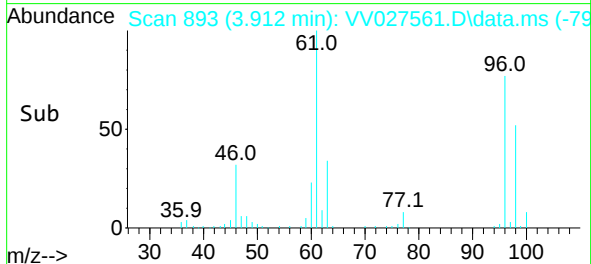
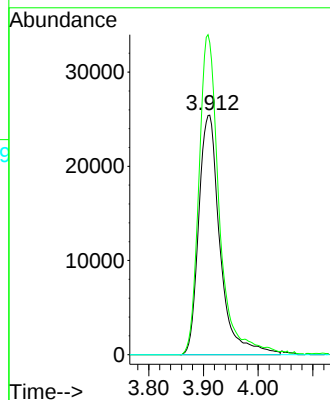
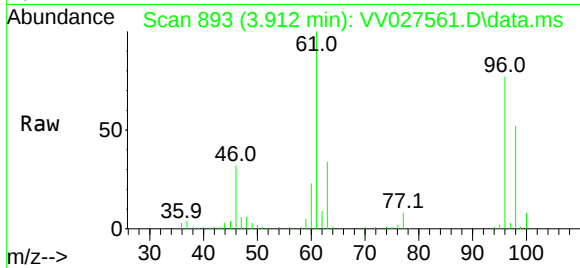
Tgt Ion: 96 Resp: 68651

Ion Ratio Lower Upper

96 100

61 130.2 90.6 168.2

68 0.0 0.0 0.0



#25

Chloroform

Concen: 0.218 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VV027561.D

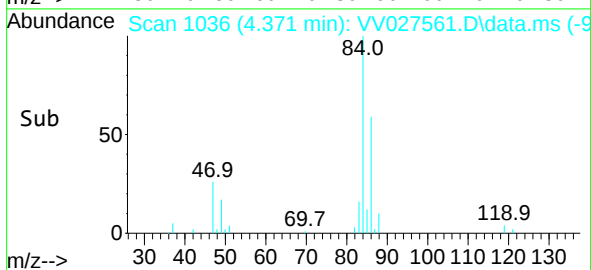
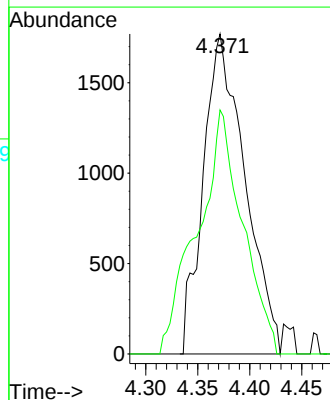
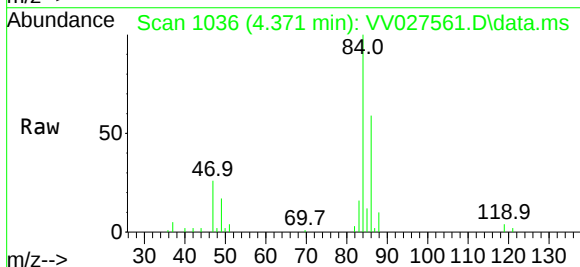
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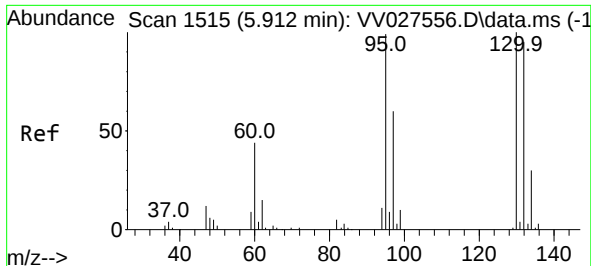
Tgt Ion: 83 Resp: 4932

Ion Ratio Lower Upper

83 100

85 76.3 43.3 80.5

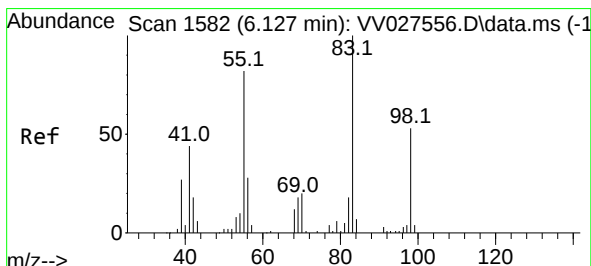
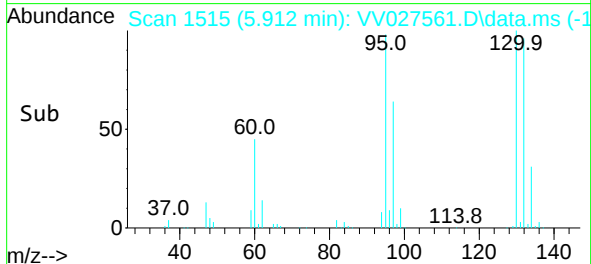
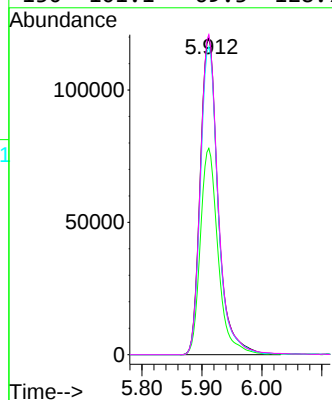
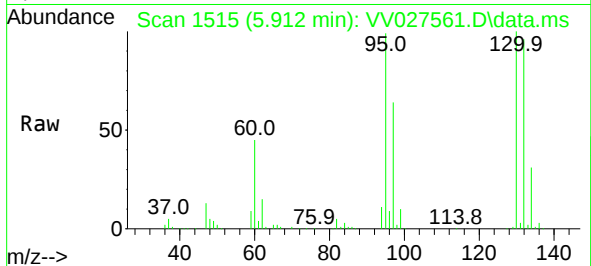




#34
Trichloroethene
Concen: 20.900 ug/L
RT: 5.912 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV027561.D
Acq: 29 Aug 2022 14:44

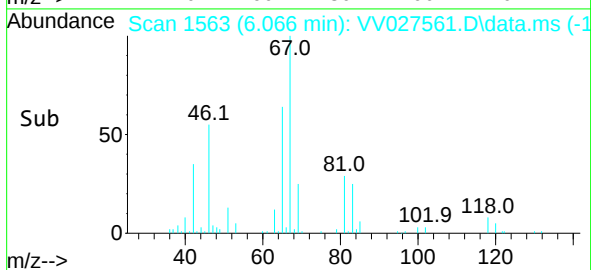
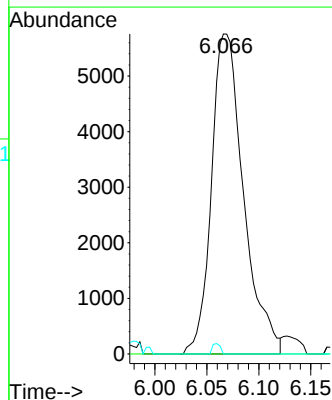
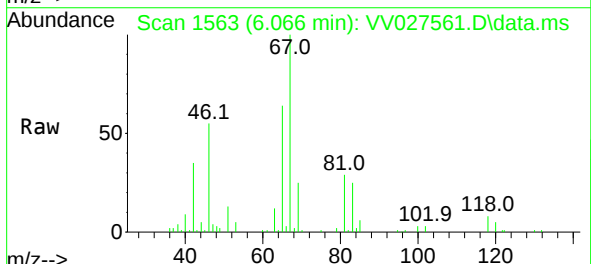
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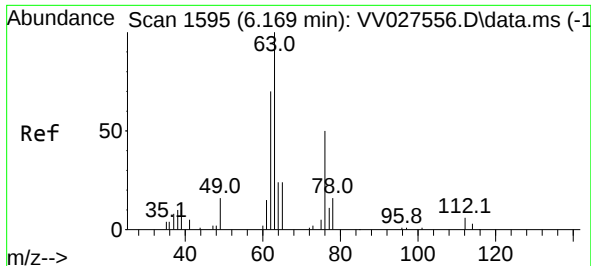
Tgt Ion: 95 Resp: 248739
Ion Ratio Lower Upper
95 100
97 65.2 45.0 83.6
132 97.3 65.7 121.9
130 101.1 69.3 128.7



#35
Methylcyclohexane
Concen: 0.738 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.061 min
Lab File: VV027561.D
Acq: 29 Aug 2022 14:44

Tgt Ion: 83 Resp: 12354
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.0 39.0 58.4#





#37

1,2-Dichloropropane

Concen: 0.484 ug/L

RT: 6.066 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV027561.D

Acq: 29 Aug 2022 14:44

Instrument :

MSVOA_V

ClientSampleId :

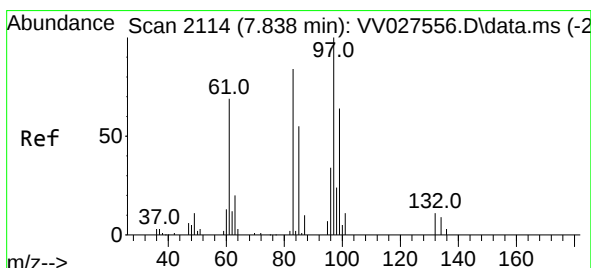
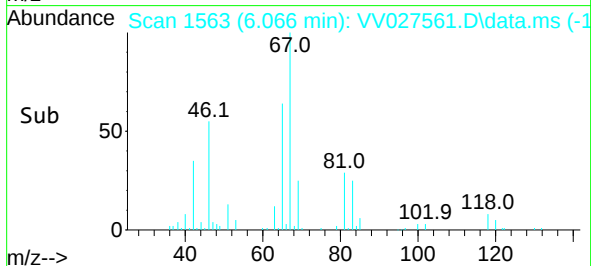
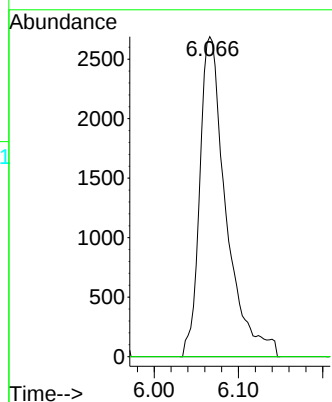
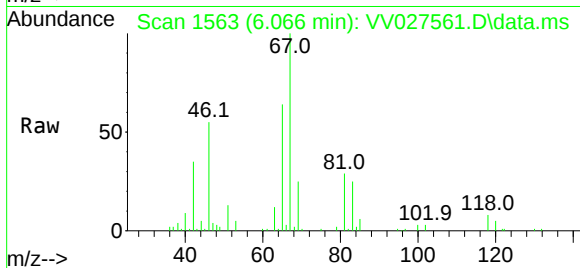
F5F07

Tgt Ion: 63 Resp: 5837

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#



#45

1,1,2-Trichloroethane

Concen: 0.283 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. 0.135 min

Lab File: VV027561.D

Acq: 29 Aug 2022 14:44

Tgt Ion: 97 Resp: 2179

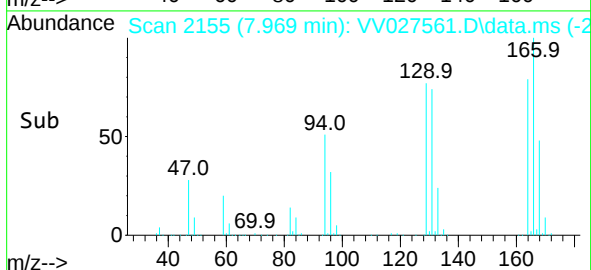
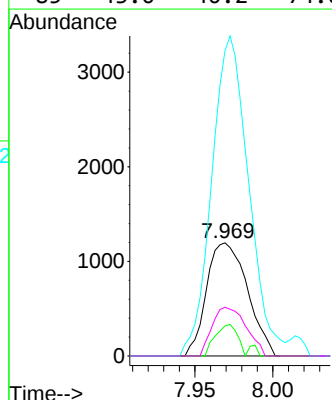
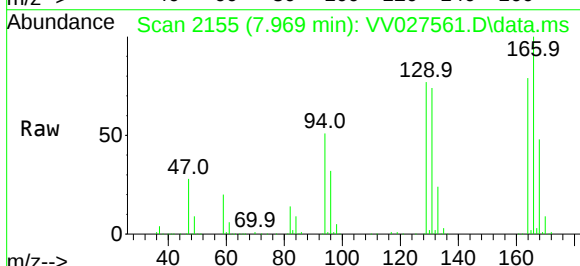
Ion Ratio Lower Upper

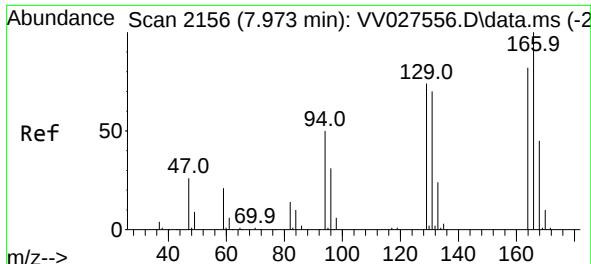
97 100

99 26.6 46.1 85.7#

83 269.7 63.0 117.0#

85 43.0 40.2 74.6





#47

Tetrachloroethene

Concen: 26.721 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.000 min

Lab File: VV027561.D

Acq: 29 Aug 2022 14:44

Instrument :

MSVOA_V

ClientSampleId :

F5F07

Tgt Ion:164 Resp: 247753

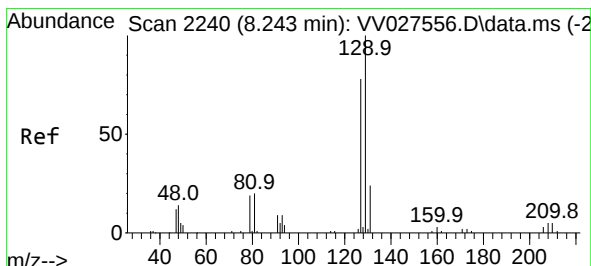
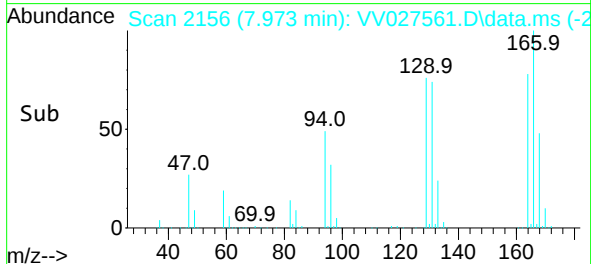
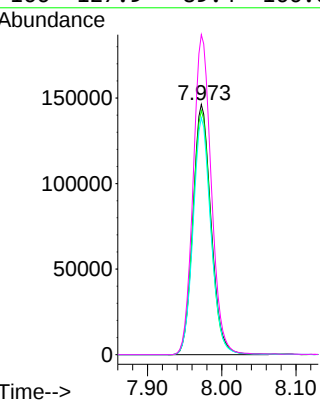
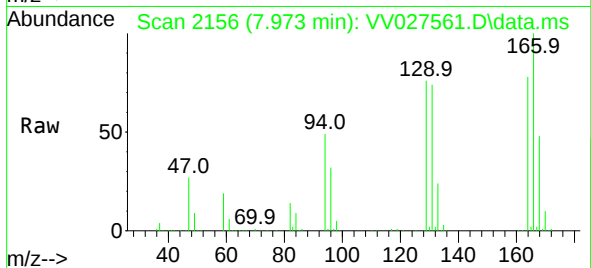
Ion Ratio Lower Upper

164 100

129 97.5 71.1 132.1

131 94.7 64.5 119.9

166 127.9 89.4 166.0



#49

Dibromochloromethane

Concen: 24.763 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.270 min

Lab File: VV027561.D

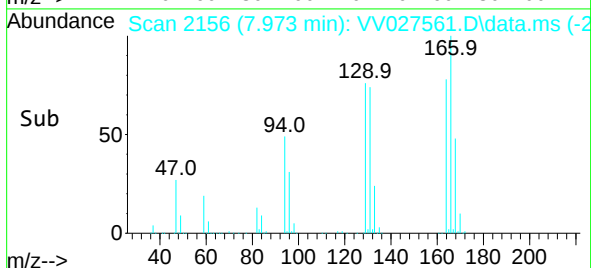
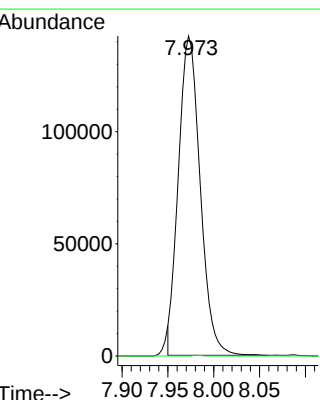
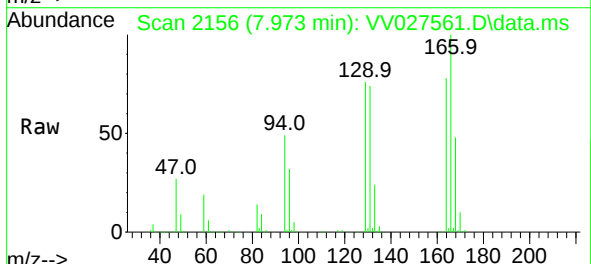
Acq: 29 Aug 2022 14:44

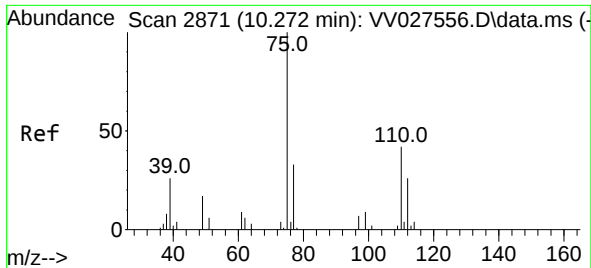
Tgt Ion:129 Resp: 234751

Ion Ratio Lower Upper

129 100

127 0.0 55.9 103.7#





#61
 1,2,3-Trichloropropane
 Concen: 1.440 ug/L
 RT: 11.249 min Scan# 31
 Delta R.T. 0.977 min
 Lab File: VV027561.D
 Acq: 29 Aug 2022 14:44

Instrument :
 MSVOA_V
 ClientSampleId :
 F5F07

Tgt Ion	Ratio	Lower	Upper
75	100		
77	36.5	26.2	39.2
110	3.7	29.9	44.9

