

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082922\
 Data File : VV027567.D
 Acq On : 29 Aug 2022 17:10
 Operator : SY/MD
 Sample : N4366-15
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5F14

Quant Time: Aug 30 04:19:41 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)

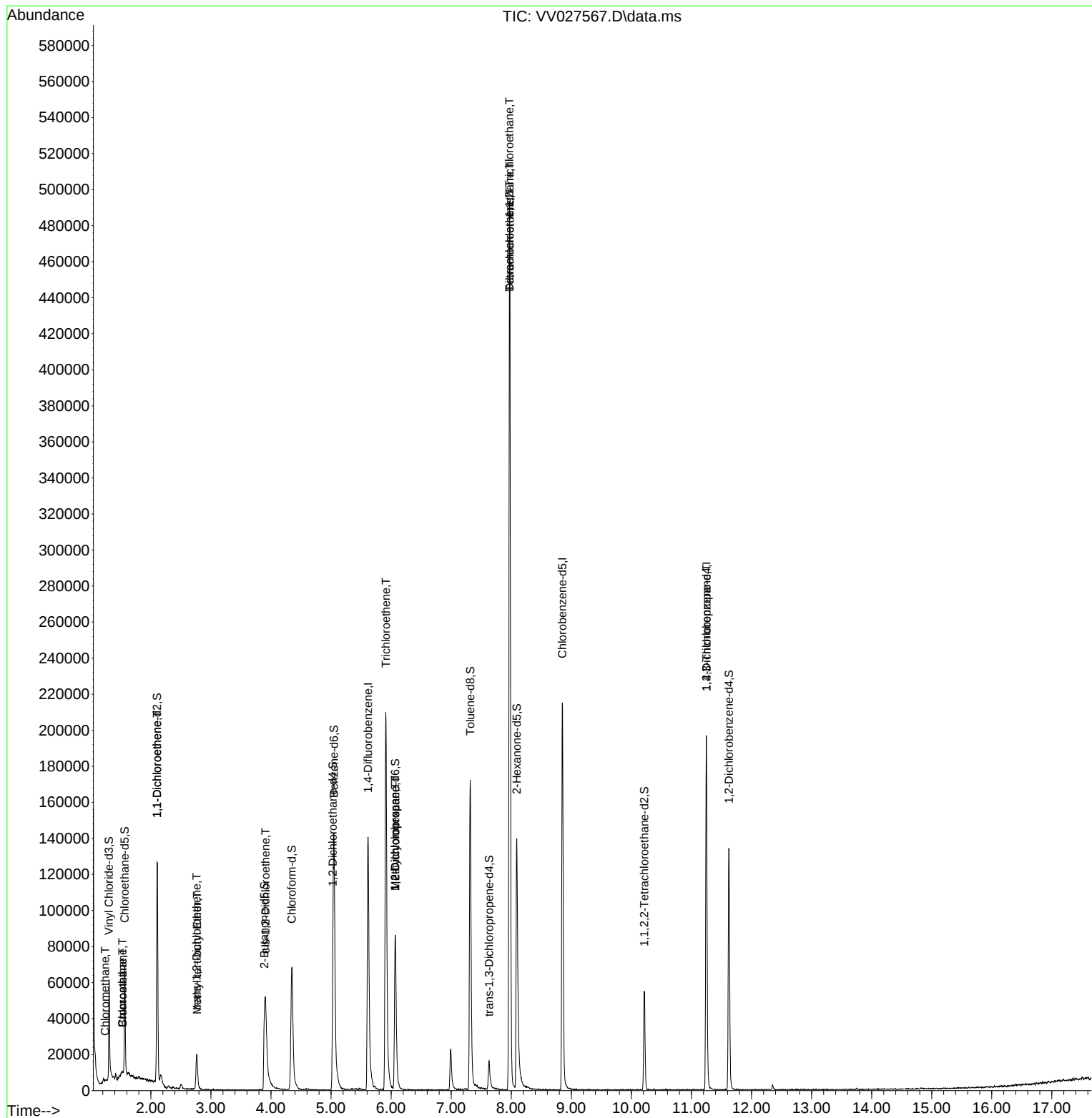
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	127362	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	123015	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	52638	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	41702	4.601	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.000%
7) Chloroethane-d5	1.564	69	36615	5.519	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.400%
11) 1,1-Dichloroethene-d2	2.105	63	64679	3.060	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.200%
20) 2-Butanone-d5	3.889	46	63924	56.667	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.340%
24) Chloroform-d	4.346	84	74551	4.113	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.200%
26) 1,2-Dichloroethane-d4	5.030	65	37329	4.761	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
32) Benzene-d6	5.050	84	134196	3.938	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.800%
36) 1,2-Dichloropropane-d6	6.069	67	40254	4.063	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.200%
41) Toluene-d8	7.317	98	117183	3.809	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.200%
43) trans-1,3-Dichloroprop...	7.632	79	10258	3.024	ug/L	0.01
Spiked Amount	5.000	Range	55 - 130	Recovery	=	60.400%
46) 2-Hexanone-d5	8.091	63	45921	41.128	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.260%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25740	4.080	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	36061	4.621	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.400%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	720	0.061	ug/L	89
6) Bromomethane	1.526	94	406	0.069	ug/L	93
8) Chloroethane	1.526	64	7552	1.088	ug/L #	64
12) 1,1-Dichloroethene	2.105	96	884	0.092	ug/L #	1
17) Methyl tert-butyl Ether	2.770	73	4291	0.215	ug/L #	91
18) trans-1,2-Dichloroethene	2.764	96	5811	0.585	ug/L	85
22) cis-1,2-Dichloroethene	3.908	96	15464	1.462	ug/L	98
34) Trichloroethene	5.911	95	74792	6.949	ug/L	97
35) Methylcyclohexane	6.069	83	10839	0.716	ug/L #	16
37) 1,2-Dichloropropane	6.069	63	5356	0.491	ug/L #	85
45) 1,1,2-Trichloroethane	7.969	97	982	0.141	ug/L #	16
47) Tetrachloroethene	7.972	164	109264	13.031	ug/L	98
49) Dibromochloromethane	7.972	129	99365	11.590	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	6268	1.357	ug/L #	69

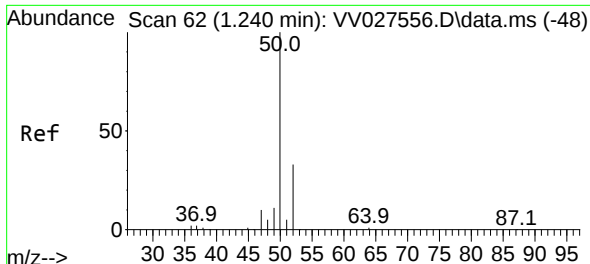
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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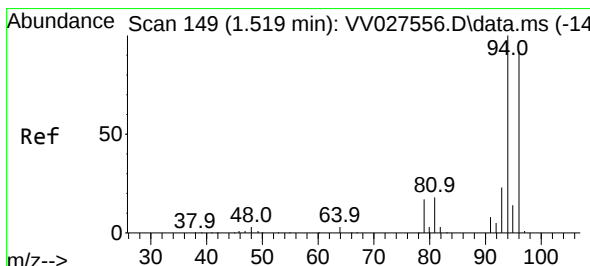
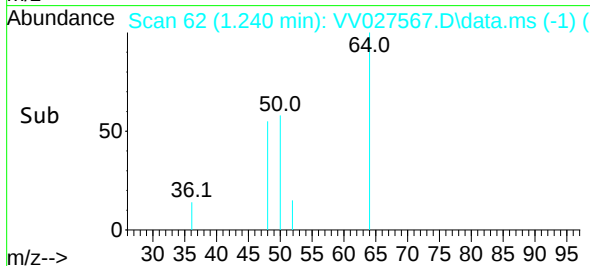
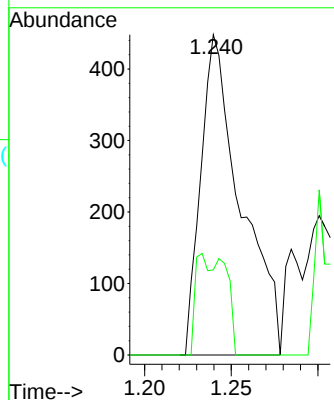
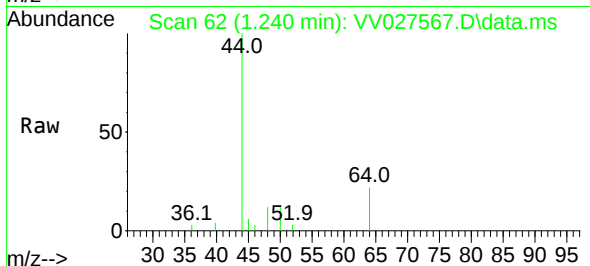




#3
Chloromethane
Concen: 0.061 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV027567.D
Acq: 29 Aug 2022 17:10

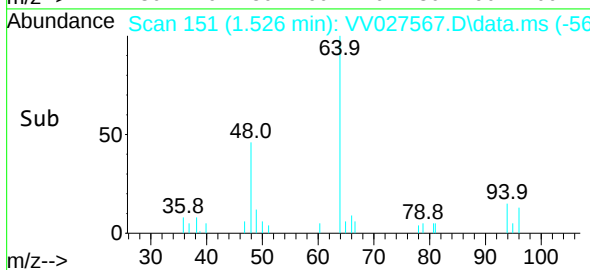
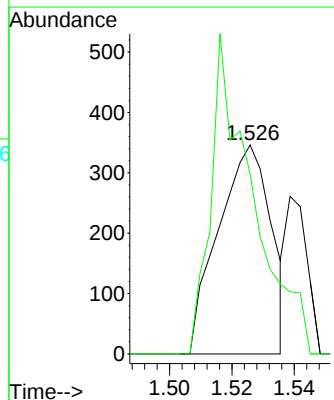
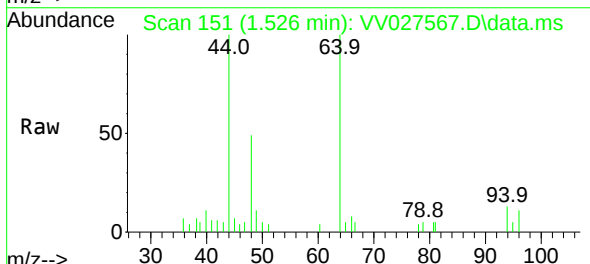
Instrument :
MSVOA_V
ClientSampleId :
F5F14

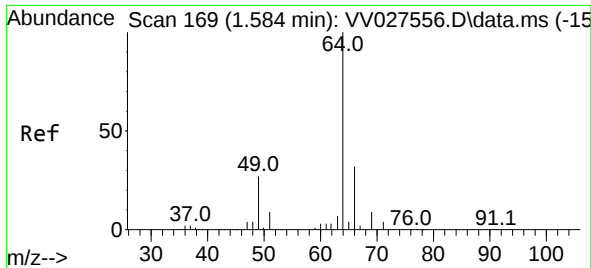
Tgt Ion: 50 Resp: 720
Ion Ratio Lower Upper
50 100
52 26.6 22.8 42.4



#6
Bromomethane
Concen: 0.069 ug/L
RT: 1.526 min Scan# 151
Delta R.T. 0.006 min
Lab File: VV027567.D
Acq: 29 Aug 2022 17:10

Tgt Ion: 94 Resp: 406
Ion Ratio Lower Upper
94 100
96 86.1 65.2 121.0

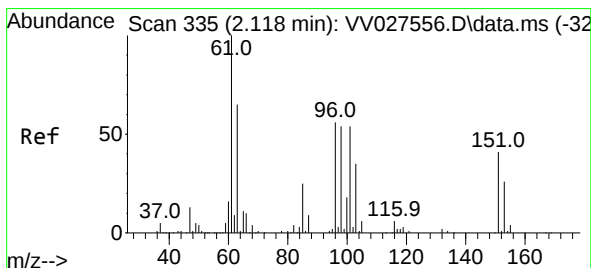
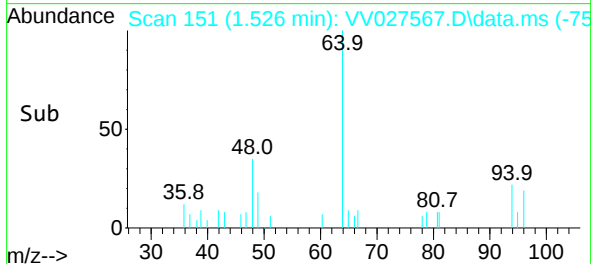
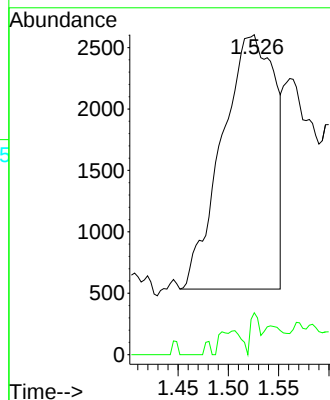
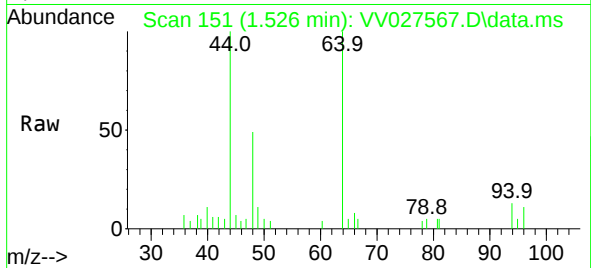




#8
Chloroethane
Concen: 1.088 ug/L
RT: 1.526 min Scan# 11
Delta R.T. -0.055 min
Lab File: VV027567.D
Acq: 29 Aug 2022 17:10

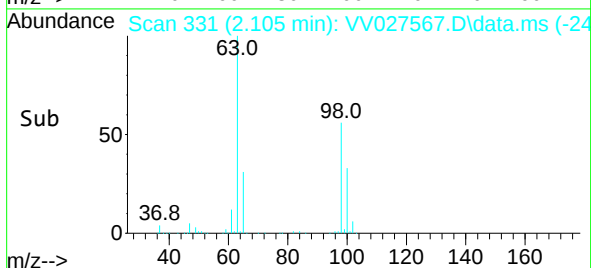
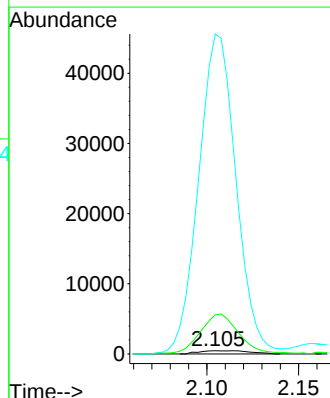
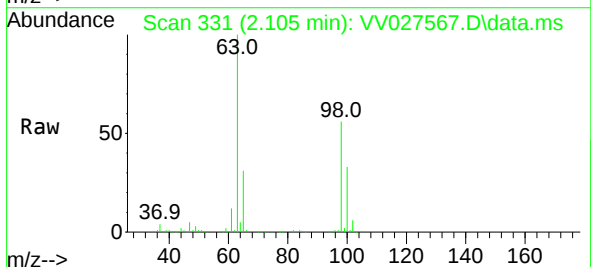
Instrument :
MSVOA_V
ClientSampleId :
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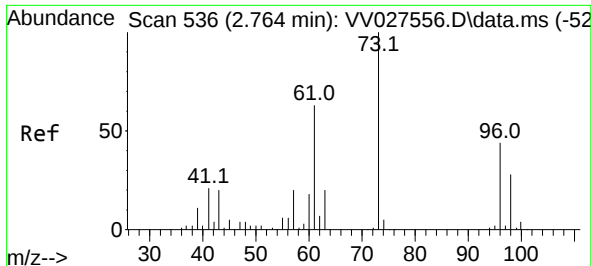
Tgt Ion: 64 Resp: 7552
Ion Ratio Lower Upper
64 100
66 13.1 23.3 43.3#



#12
1,1-Dichloroethene
Concen: 0.092 ug/L
RT: 2.105 min Scan# 331
Delta R.T. -0.006 min
Lab File: VV027567.D
Acq: 29 Aug 2022 17:10

Tgt Ion: 96 Resp: 884
Ion Ratio Lower Upper
96 100
61 1216.1 130.2 241.8#
63 9913.0 87.4 162.4#





#17

Methyl tert-butyl Ether

Concen: 0.215 ug/L

RT: 2.770 min Scan# 51

Delta R.T. 0.006 min

Lab File: VV027567.D

Acq: 29 Aug 2022 17:10

Instrument :

MSVOA_V

ClientSampleId :

F5F14

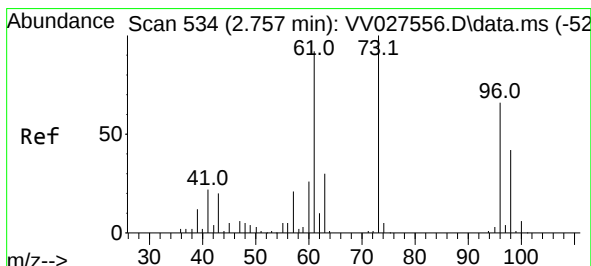
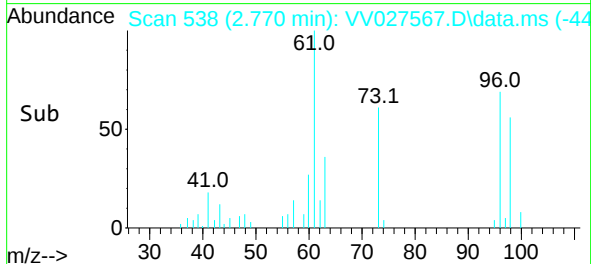
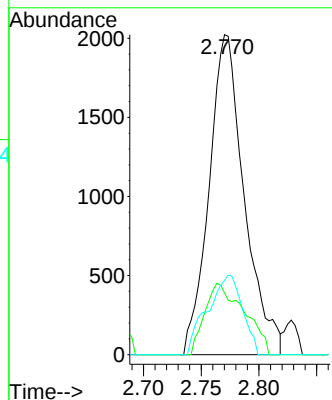
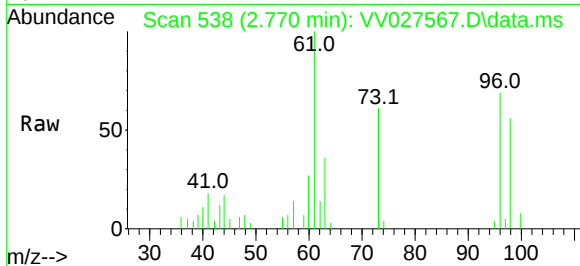
Tgt Ion: 73 Resp: 4291

Ion Ratio Lower Upper

73 100

43 24.9 15.6 23.4#

57 24.6 17.0 25.6



#18

trans-1,2-Dichloroethene

Concen: 0.585 ug/L

RT: 2.764 min Scan# 536

Delta R.T. 0.010 min

Lab File: VV027567.D

Acq: 29 Aug 2022 17:10

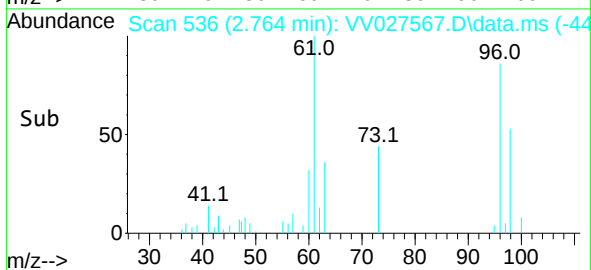
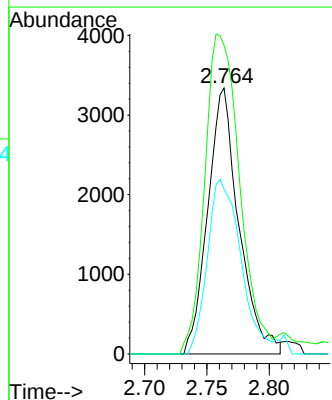
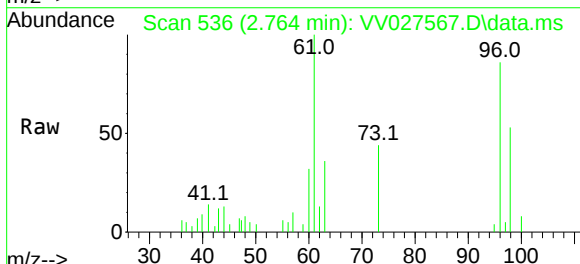
Tgt Ion: 96 Resp: 5811

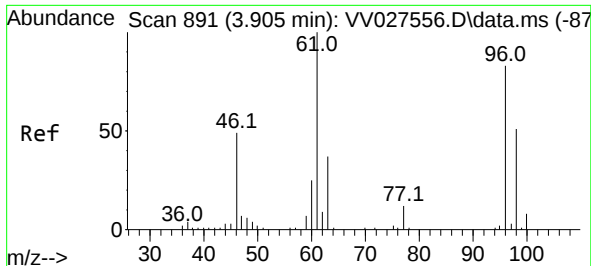
Ion Ratio Lower Upper

96 100

61 116.2 97.6 181.4

98 62.0 45.9 85.3

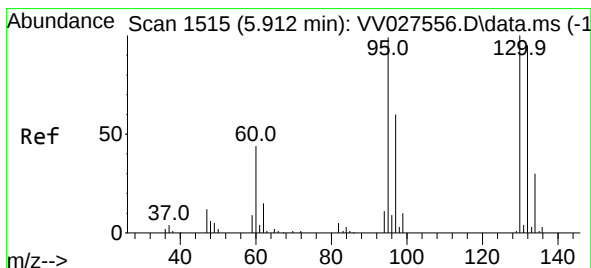
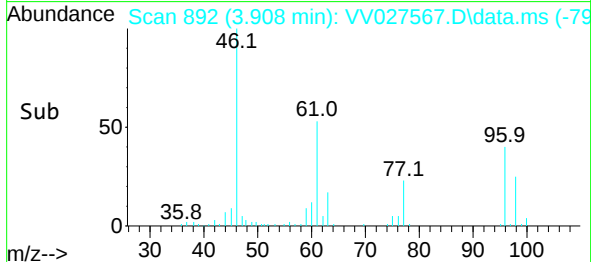
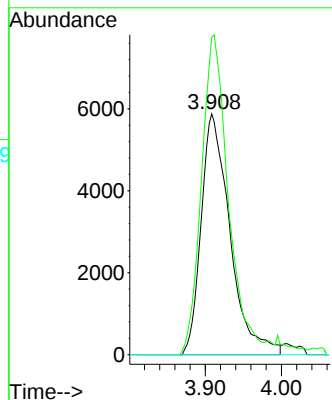
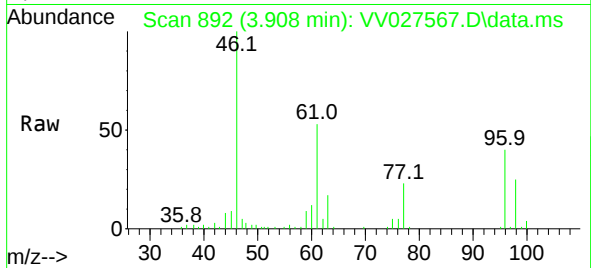




#22
 cis-1,2-Dichloroethene
 Concen: 1.462 ug/L
 RT: 3.908 min Scan# 891
 Delta R.T. 0.003 min
 Lab File: VV027567.D
 Acq: 29 Aug 2022 17:10

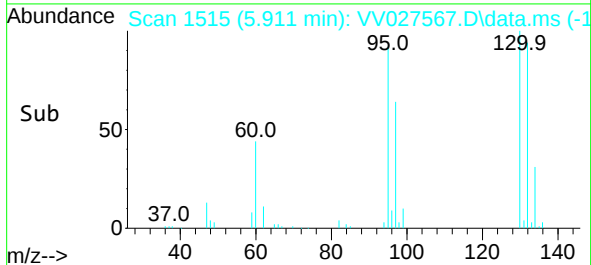
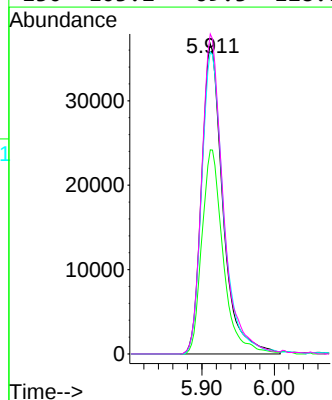
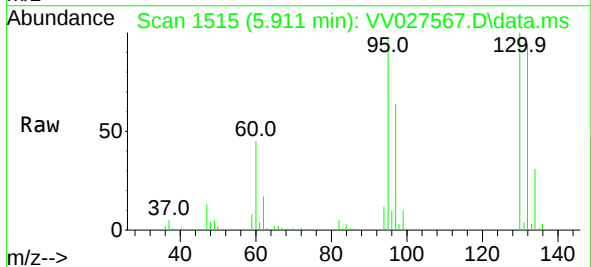
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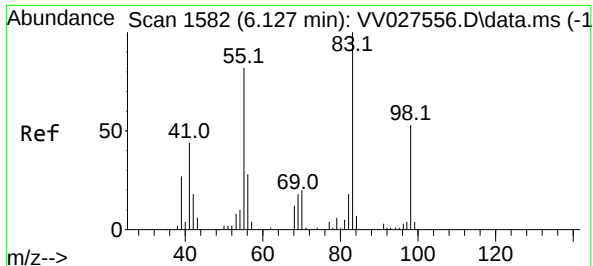
Tgt Ion: 96 Resp: 15464
 Ion Ratio Lower Upper
 96 100
 61 131.8 90.6 168.2
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 6.949 ug/L
 RT: 5.911 min Scan# 1515
 Delta R.T. 0.003 min
 Lab File: VV027567.D
 Acq: 29 Aug 2022 17:10

Tgt Ion: 95 Resp: 74792
 Ion Ratio Lower Upper
 95 100
 97 65.9 45.0 83.6
 132 97.4 65.7 121.9
 130 103.2 69.3 128.7





#35

Methylcyclohexane

Concen: 0.716 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV027567.D

Acq: 29 Aug 2022 17:10

Instrument :

MSVOA_V

ClientSampleId :

F5F14

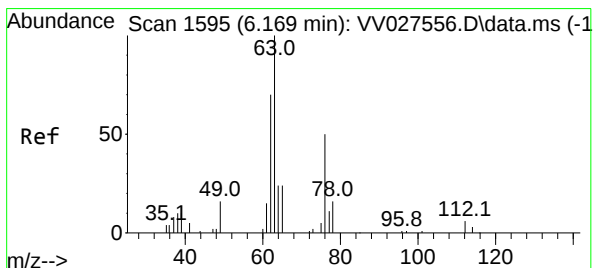
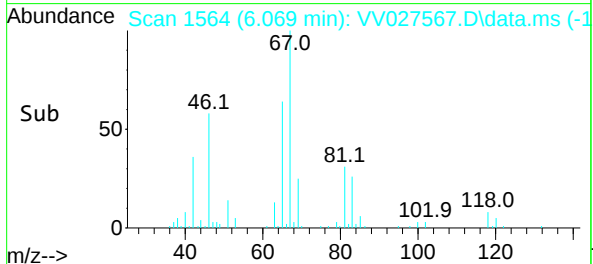
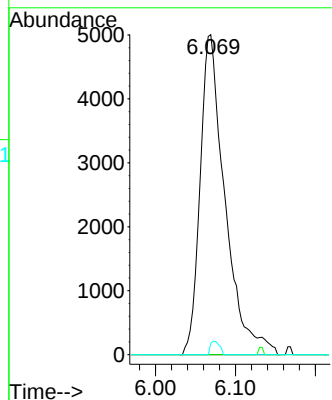
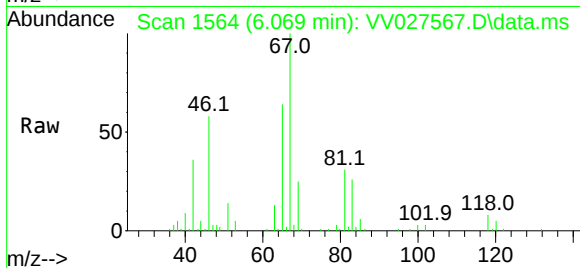
Tgt Ion: 83 Resp: 10839

Ion Ratio Lower Upper

83 100

55 0.4 68.2 102.4#

98 1.5 39.0 58.4#



#37

1,2-Dichloropropane

Concen: 0.491 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.100 min

Lab File: VV027567.D

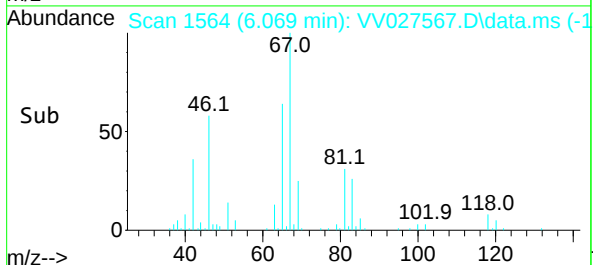
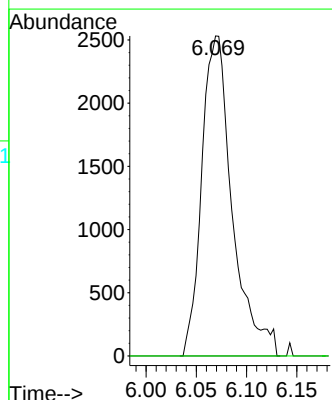
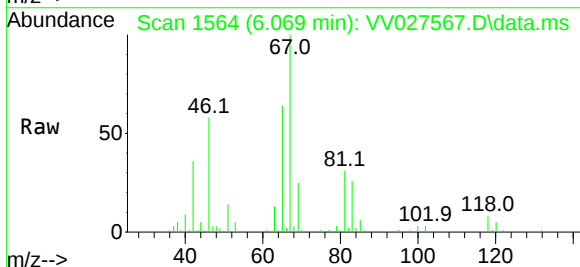
Acq: 29 Aug 2022 17:10

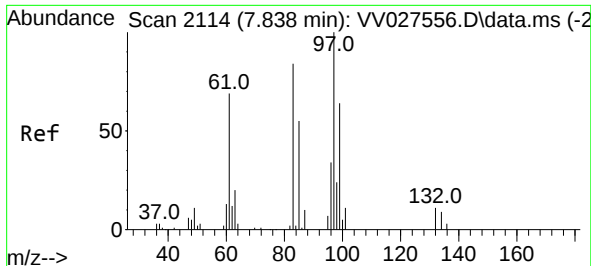
Tgt Ion: 63 Resp: 5356

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#

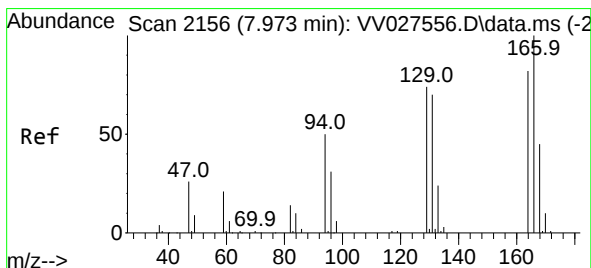
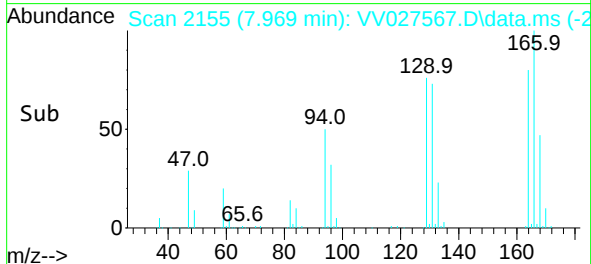
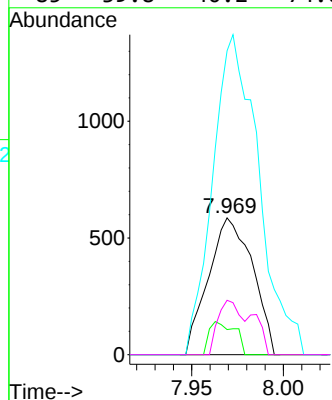
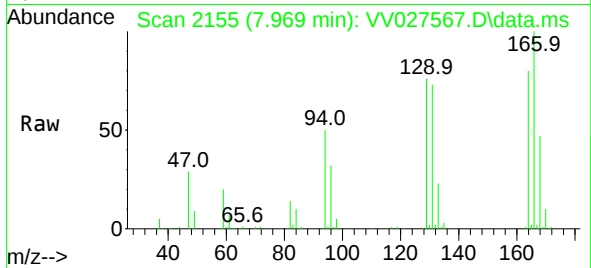




#45
1,1,2-Trichloroethane
Concen: 0.141 ug/L
RT: 7.969 min Scan# 2114
Delta R.T. 0.135 min
Lab File: VV027567.D
Acq: 29 Aug 2022 17:10

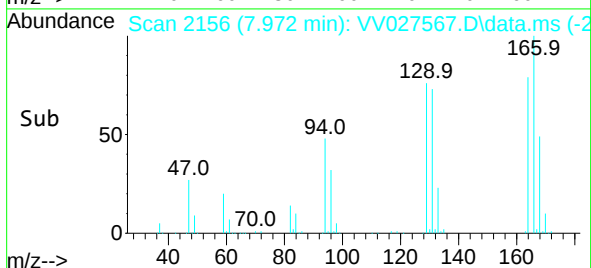
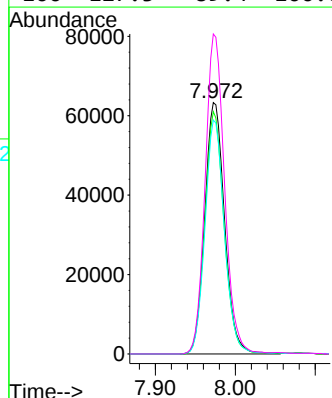
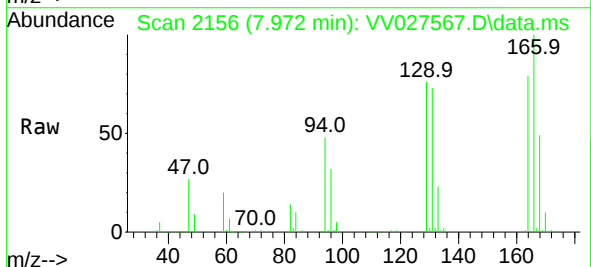
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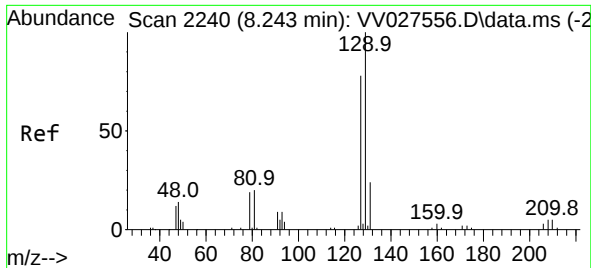
Tgt Ion: 97 Resp: 982
Ion Ratio Lower Upper
97 100
99 18.4 46.1 85.7#
83 222.2 63.0 117.0#
85 39.8 40.2 74.6#



#47
Tetrachloroethene
Concen: 13.031 ug/L
RT: 7.972 min Scan# 2156
Delta R.T. -0.000 min
Lab File: VV027567.D
Acq: 29 Aug 2022 17:10

Tgt Ion:164 Resp: 109264
Ion Ratio Lower Upper
164 100
129 96.4 71.1 132.1
131 93.1 64.5 119.9
166 127.3 89.4 166.0





#49

Dibromochloromethane

Concen: 11.590 ug/L

RT: 7.972 min Scan# 21

Delta R.T. -0.270 min

Lab File: VV027567.D

Acq: 29 Aug 2022 17:10

Instrument :

MSVOA_V

ClientSampleId :

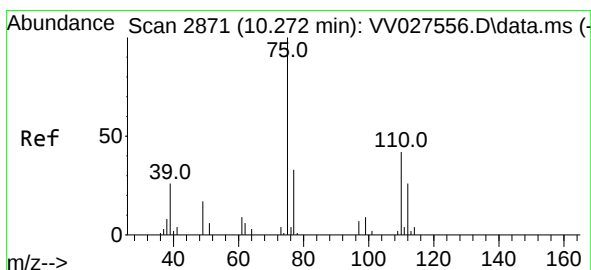
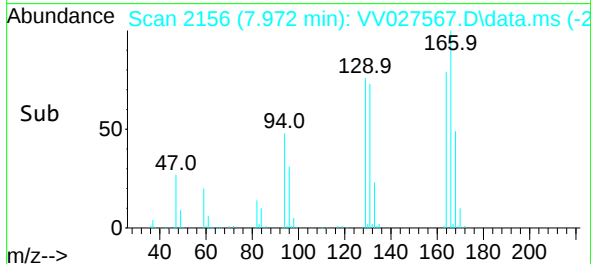
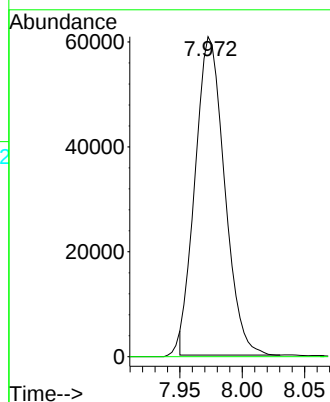
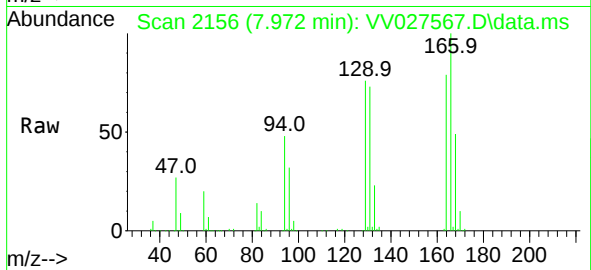
F5F14

Tgt Ion:129 Resp: 99365

Ion Ratio Lower Upper

129 100

127 0.4 55.9 103.7#



#61

1,2,3-Trichloropropane

Concen: 1.357 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.977 min

Lab File: VV027567.D

Acq: 29 Aug 2022 17:10

Tgt Ion: 75 Resp: 6268

Ion Ratio Lower Upper

75 100

77 32.6 26.2 39.2

110 2.6 29.9 44.9#

