

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041222\
 Data File : VW025468.D
 Acq On : 12 Apr 2022 11:47
 Operator : SY/MD
 Sample : N2319-10
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YB2H8

Quant Time: Apr 13 02:32:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 13 02:31:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	142284	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	143455	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	68882	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	62263	4.707	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.200%
7) Chloroethane-d5	1.568	69	61283	4.355	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.000%
11) 1,1-Dichloroethene-d2	2.108	63	102522	3.869	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.400%
20) 2-Butanone-d5	3.905	46	98375	61.137	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.280%
24) Chloroform-d	4.349	84	103481	5.177	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.600%
26) 1,2-Dichloroethane-d4	5.034	65	48915	5.679	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.600%
32) Benzene-d6	5.050	84	197750	4.764	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
36) 1,2-Dichloropropane-d6	6.069	67	60356	5.214	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.200%
41) Toluene-d8	7.317	98	170393	4.424	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
43) trans-1,3-Dichloroprop...	7.625	79	17339	4.456	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.200%
46) 2-Hexanone-d5	8.088	63	74448	54.519	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.040%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	38807	5.306	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	60034	5.198	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	1711	0.123	ug/L	96
12) 1,1-Dichloroethene	2.117	96	1499	0.121	ug/L #	1
13) Acetone	2.201	43	5252	4.809	ug/L	68
19) 1,1-Dichloroethane	3.195	63	1272	0.073	ug/L #	90
22) cis-1,2-Dichloroethene	3.912	96	728	0.067	ug/L	84
25) Chloroform	4.381	83	11106	0.601	ug/L	97
31) Carbon tetrachloride	4.828	117	764	0.053	ug/L	97
34) Trichloroethene	5.915	95	129694	11.527	ug/L	97
35) Methylcyclohexane	6.072	83	14860	0.828	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	6957	0.710	ug/L #	86
38) Bromodichloromethane	6.516	83	385	0.032	ug/L #	81
44) trans-1,3-Dichloropropene	7.622	75	742	0.074	ug/L #	41
45) 1,1,2-Trichloroethane	7.841	97	675	0.103	ug/L #	82
47) Tetrachloroethene	7.976	164	56594	6.425	ug/L	97
49) Dibromochloromethane	7.976	129	55294	7.672	ug/L #	11
61) 1,2,3-Trichloropropane	11.246	75	8622	1.901	ug/L #	63
68) 1,2-Dibromo-3-chloropr...	12.252	75	125	0.159	ug/L #	2

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Misc : 25mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

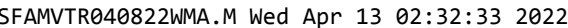
Instrument :
MSVOA_V
ClientSampleId :
YB2H8

Quant Time: Apr 13 02:32:24 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Apr 13 02:31:13 2022
Response via : Initial Calibration

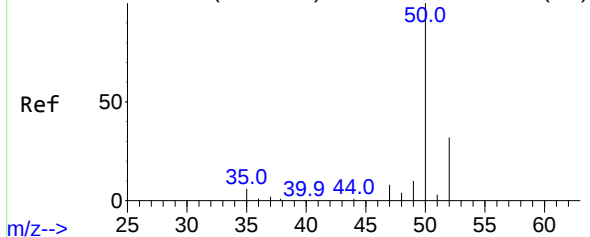
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quant Time: Apr 13 02:32:24 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
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Abundance Scan 63 (1.243 min): VV025464.D\data.ms (-54)



#3

Chloromethane

Concen: 0.123 ug/L

RT: 1.240 min Scan# 61

Delta R.T. -0.003 min

Lab File: VV025468.D

Acq: 12 Apr 2022 11:47

Instrument :

MSVOA_V

ClientSampleId :

YB2H8

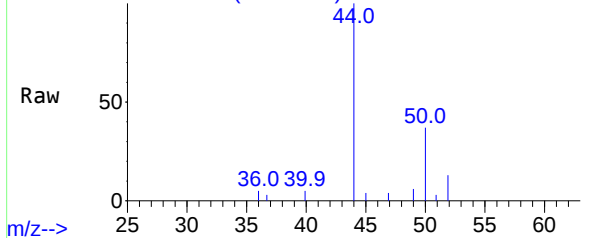
Tgt Ion: 50 Resp: 1711

Ion Ratio Lower Upper

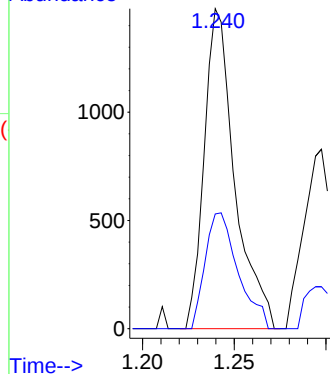
50 100

52 35.9 23.7 43.9

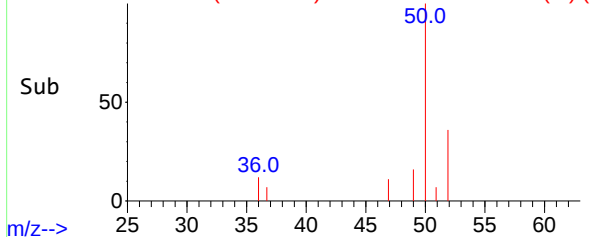
Abundance Scan 62 (1.240 min): VV025468.D\data.ms



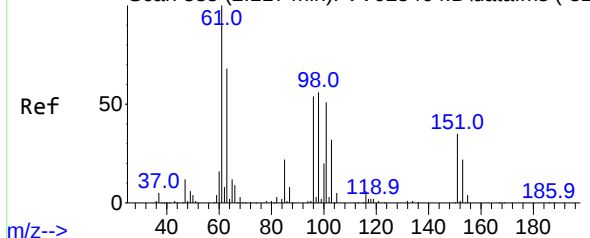
Abundance



Abundance Scan 62 (1.240 min): VV025468.D\data.ms (-1)



Abundance Scan 335 (2.117 min): VV025464.D\data.ms (-32)



#12

1,1-Dichloroethene

Concen: 0.121 ug/L

RT: 2.117 min Scan# 335

Delta R.T. -0.000 min

Lab File: VV025468.D

Acq: 12 Apr 2022 11:47

Tgt Ion: 96 Resp: 1499

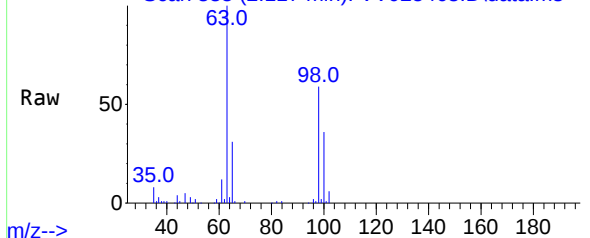
Ion Ratio Lower Upper

96 100

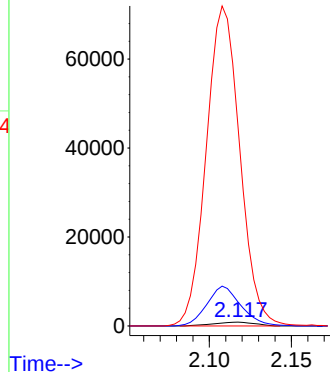
61 614.2 125.2 232.4#

63 5103.3 114.4 212.4#

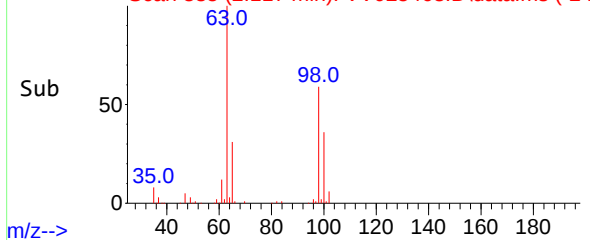
Abundance Scan 335 (2.117 min): VV025468.D\data.ms

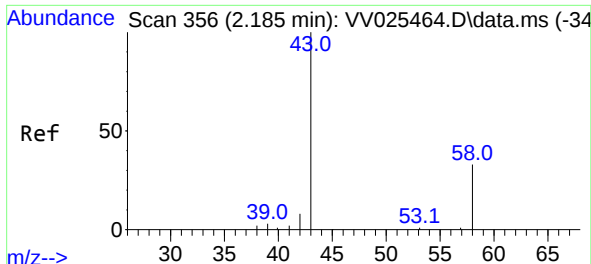


Abundance



Abundance Scan 335 (2.117 min): VV025468.D\data.ms (-24)

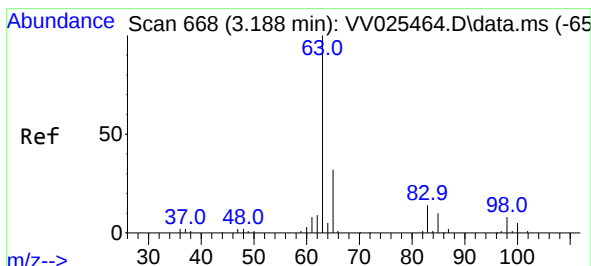
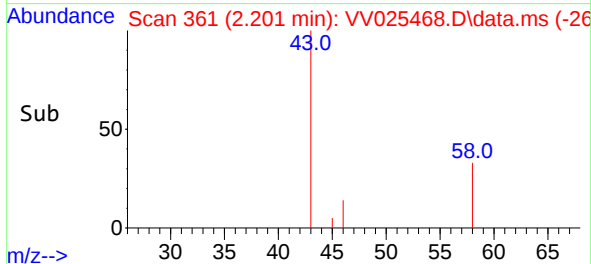
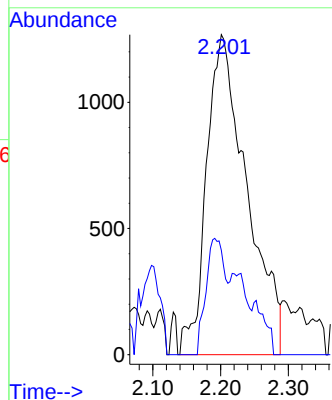
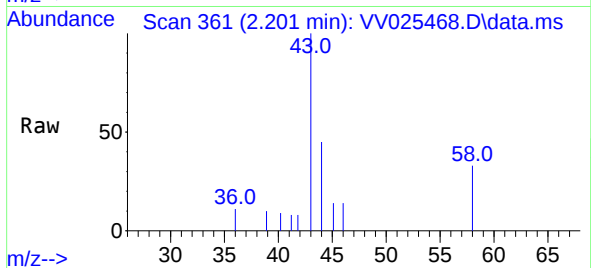




#13
Acetone
Concen: 4.809 ug/L
RT: 2.201 min Scan# 30
Delta R.T. 0.016 min
Lab File: VV025468.D
Acq: 12 Apr 2022 11:47

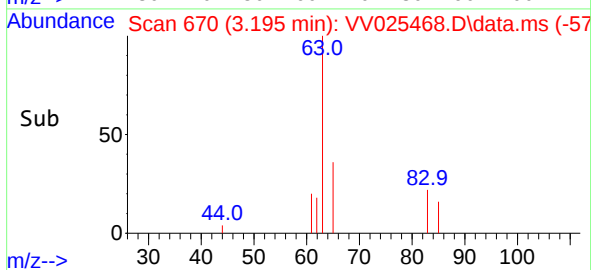
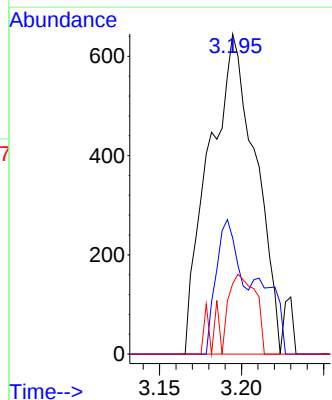
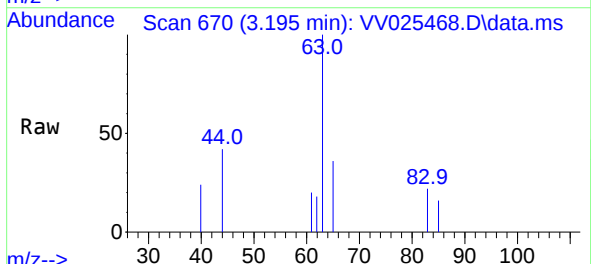
Instrument :
MSVOA_V
ClientSampleId :
YB2H8

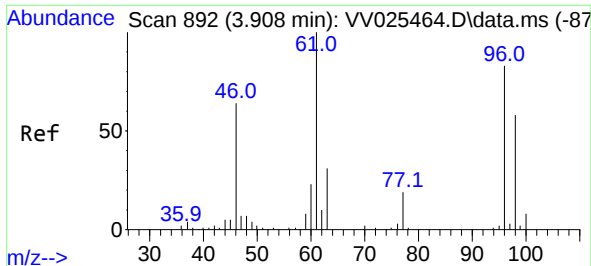
Tgt Ion: 43 Resp: 5252
Ion Ratio Lower Upper
43 100
58 17.0 0.0 72.2



#19
1,1-Dichloroethane
Concen: 0.073 ug/L
RT: 3.195 min Scan# 670
Delta R.T. 0.006 min
Lab File: VV025468.D
Acq: 12 Apr 2022 11:47

Tgt Ion: 63 Resp: 1272
Ion Ratio Lower Upper
63 100
65 36.3 23.2 43.0
83 22.0 9.0 16.8#





#22

cis-1,2-Dichloroethene

Concen: 0.067 ug/L

RT: 3.912 min Scan# 89

Delta R.T. 0.003 min

Lab File: VV025468.D

Acq: 12 Apr 2022 11:47

Instrument :

MSVOA_V

ClientSampleId :

YB2H8

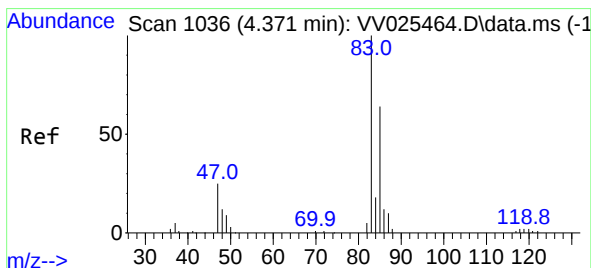
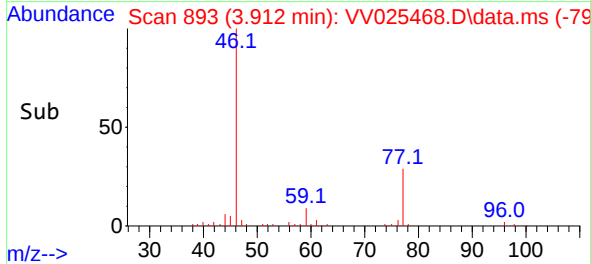
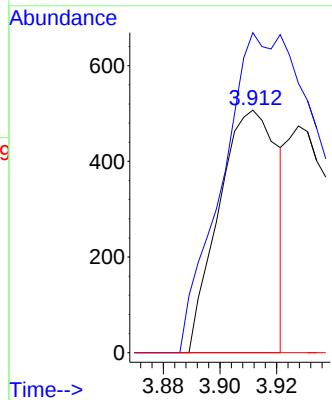
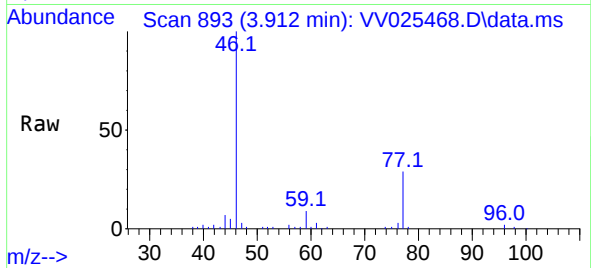
Tgt Ion: 96 Resp: 728

Ion Ratio Lower Upper

96 100

61 132.0 80.0 148.6

68 0.0 0.0 0.0



#25

Chloroform

Concen: 0.601 ug/L

RT: 4.381 min Scan# 1039

Delta R.T. 0.010 min

Lab File: VV025468.D

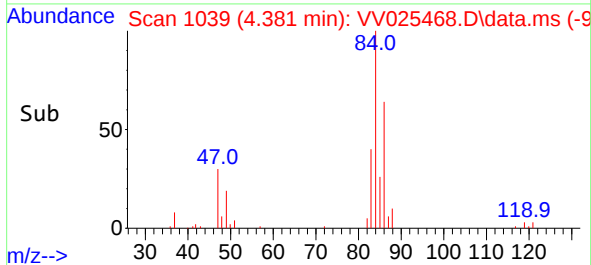
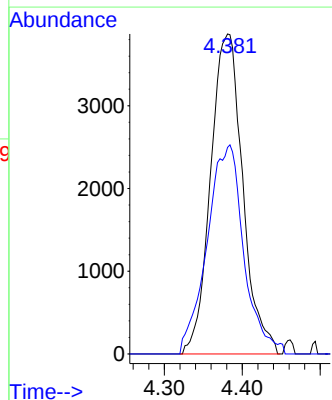
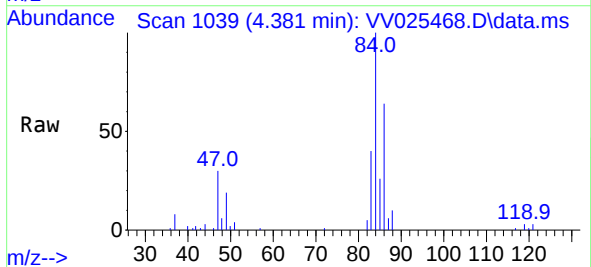
Acq: 12 Apr 2022 11:47

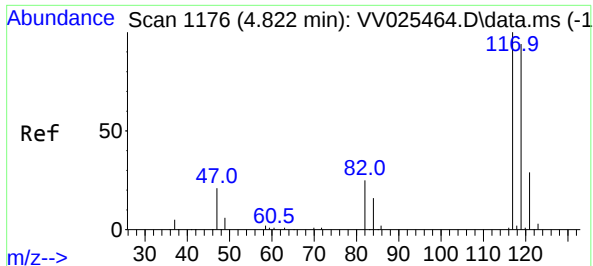
Tgt Ion: 83 Resp: 11106

Ion Ratio Lower Upper

83 100

85 64.5 43.5 80.7

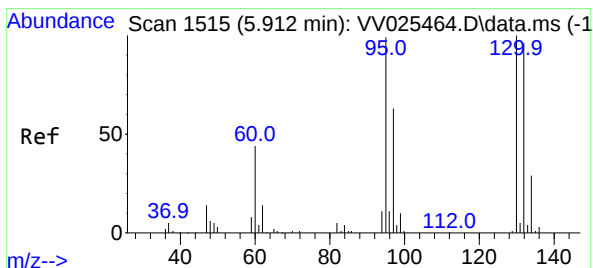
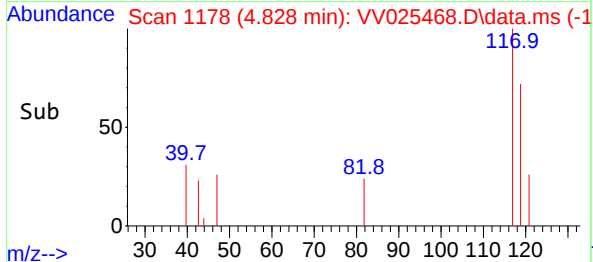
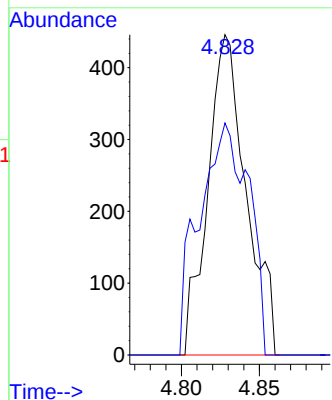
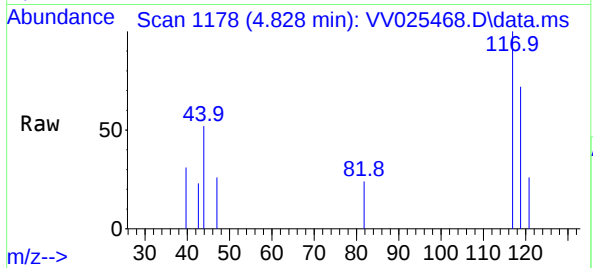




#31
Carbon tetrachloride
Concen: 0.053 ug/L
RT: 4.828 min Scan# 1176
Delta R.T. 0.006 min
Lab File: VV025468.D
Acq: 12 Apr 2022 11:47

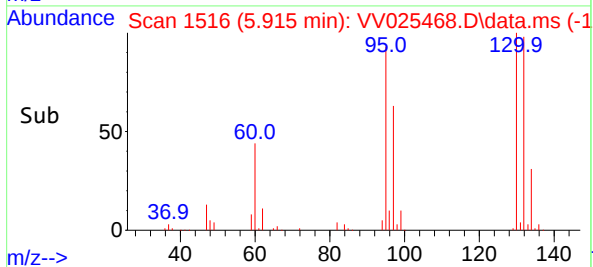
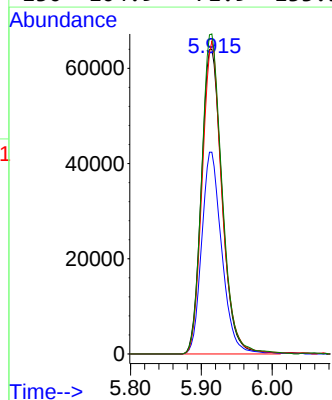
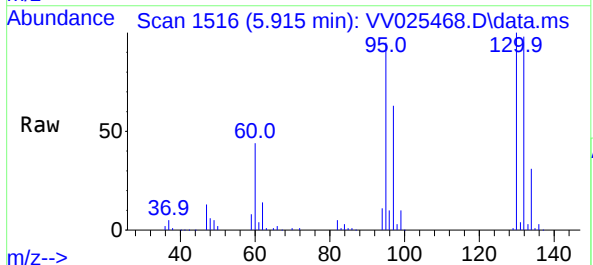
Instrument :
MSVOA_V
ClientSampleId :
YB2H8

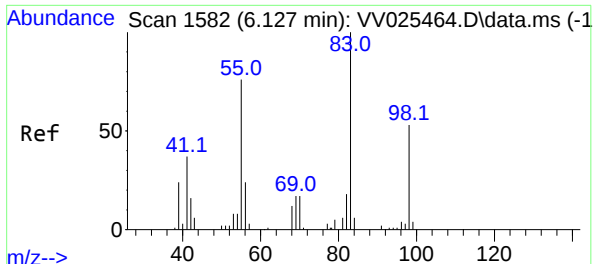
Tgt Ion:117 Resp: 764
Ion Ratio Lower Upper
117 100
119 93.1 76.6 114.8



#34
Trichloroethene
Concen: 11.527 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV025468.D
Acq: 12 Apr 2022 11:47

Tgt Ion: 95 Resp: 129694
Ion Ratio Lower Upper
95 100
97 66.2 45.8 85.2
132 102.5 68.0 126.4
130 104.9 71.9 133.5





#35

Methylcyclohexane

Concen: 0.828 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.055 min

Lab File: VV025468.D

Acq: 12 Apr 2022 11:47

Instrument :

MSVOA_V

ClientSampleId :

YB2H8

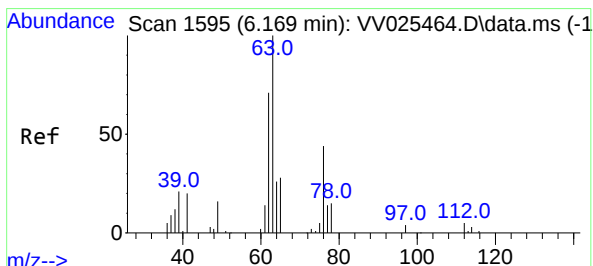
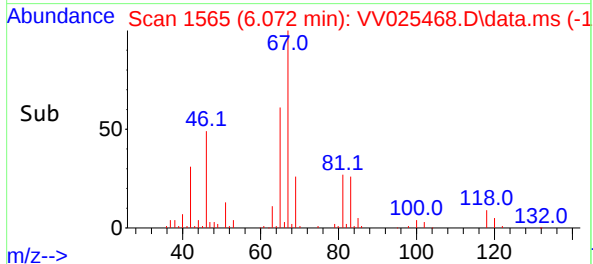
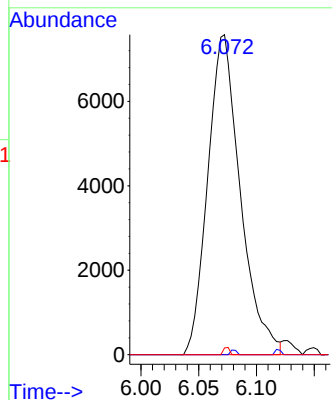
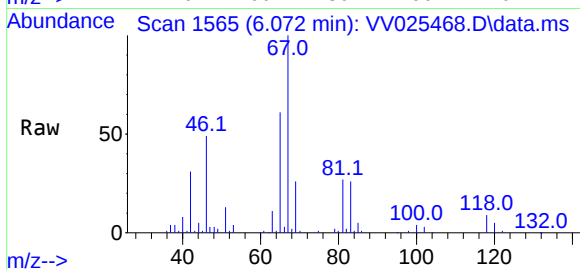
Tgt Ion: 83 Resp: 14860

Ion Ratio Lower Upper

83 100

55 0.3 53.7 80.5#

98 0.0 39.6 59.4#



#37

1,2-Dichloropropane

Concen: 0.710 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.103 min

Lab File: VV025468.D

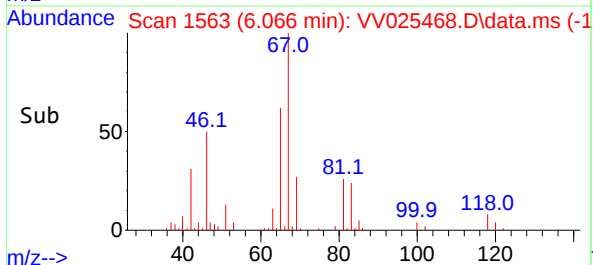
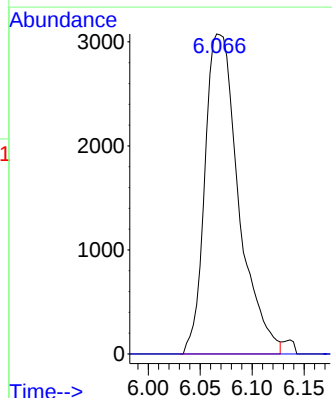
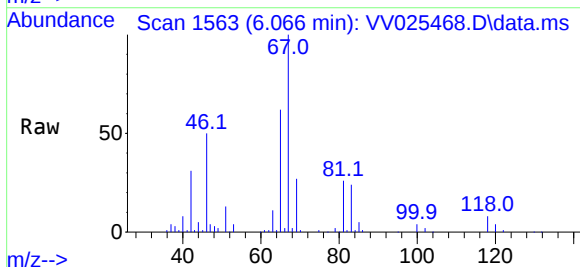
Acq: 12 Apr 2022 11:47

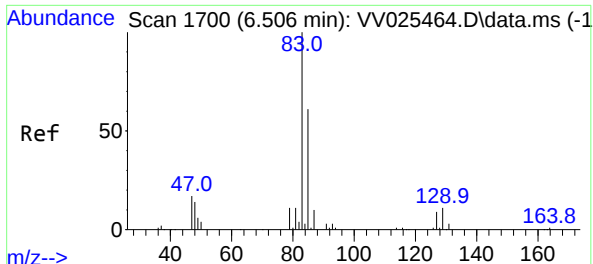
Tgt Ion: 63 Resp: 6957

Ion Ratio Lower Upper

63 100

112 0.3 3.8 5.8#

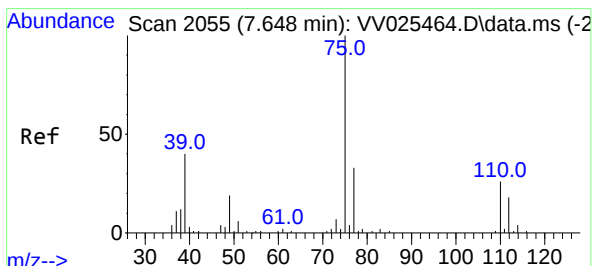
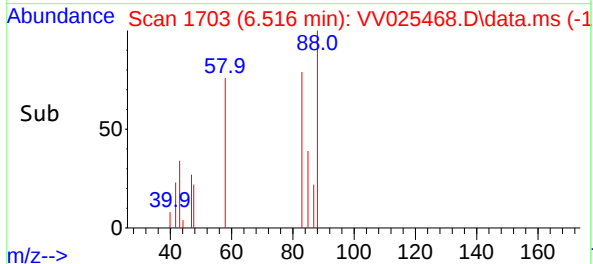
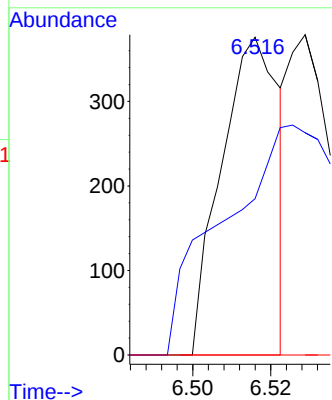
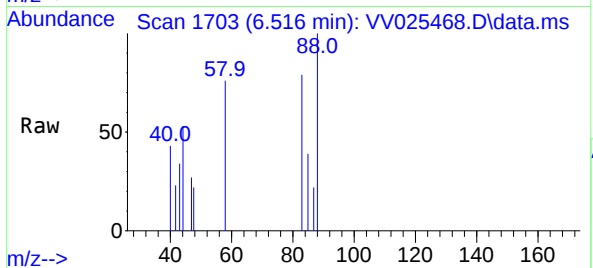




#38
Bromodichloromethane
Concen: 0.032 ug/L
RT: 6.516 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV025468.D
Acq: 12 Apr 2022 11:47

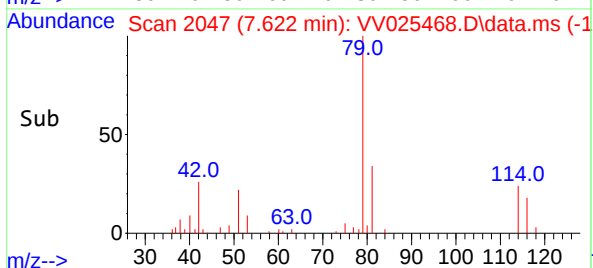
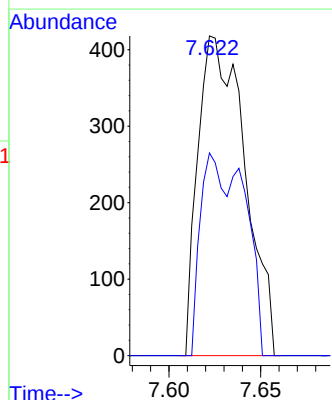
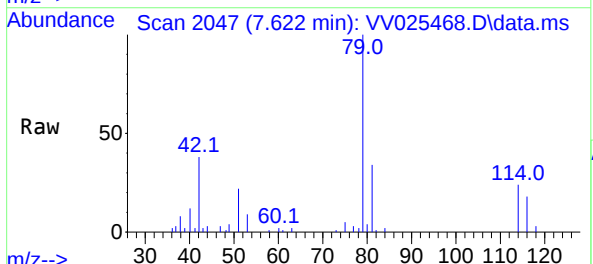
Instrument :
MSVOA_V
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YB2H8

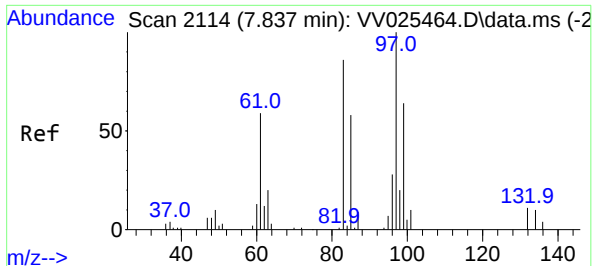
Tgt Ion: 83 Resp: 385
Ion Ratio Lower Upper
83 100
85 49.2 44.4 82.4
127 0.0 7.2 10.8#



#44
trans-1,3-Dichloropropene
Concen: 0.074 ug/L
RT: 7.622 min Scan# 2047
Delta R.T. -0.026 min
Lab File: VV025468.D
Acq: 12 Apr 2022 11:47

Tgt Ion: 75 Resp: 742
Ion Ratio Lower Upper
75 100
77 63.4 21.7 40.3#



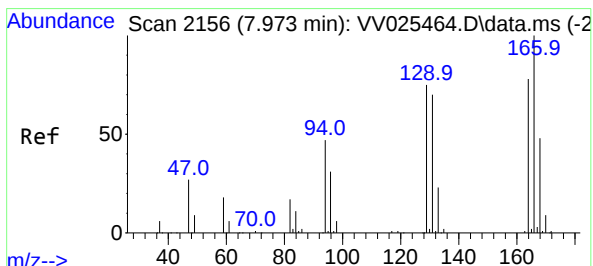
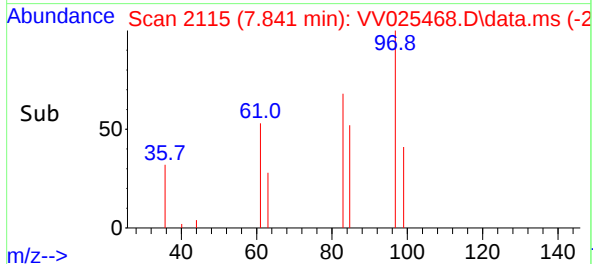
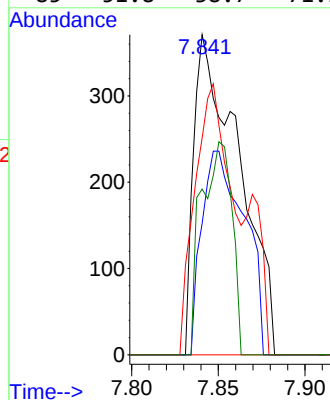
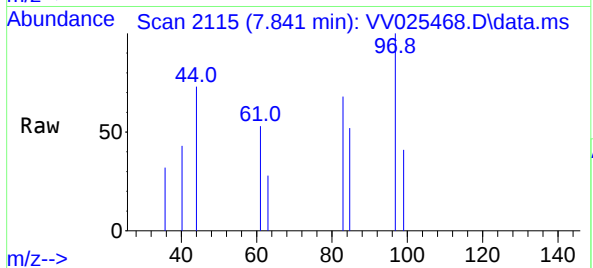


#45
1,1,2-Trichloroethane
Concen: 0.103 ug/L
RT: 7.841 min Scan# 2114
Delta R.T. 0.003 min
Lab File: VV025468.D
Acq: 12 Apr 2022 11:47

Instrument :
MSVOA_V
ClientSampleId :
YB2H8

Tgt Ion: 97 Resp: 675

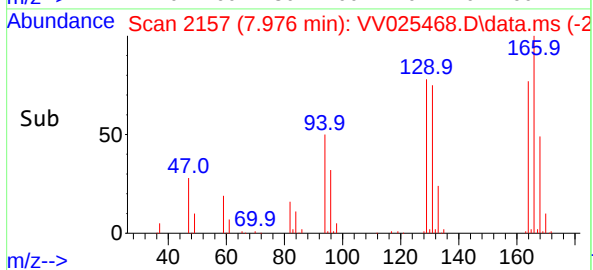
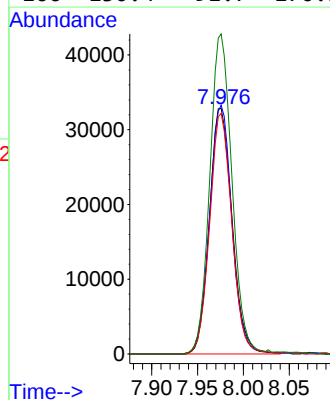
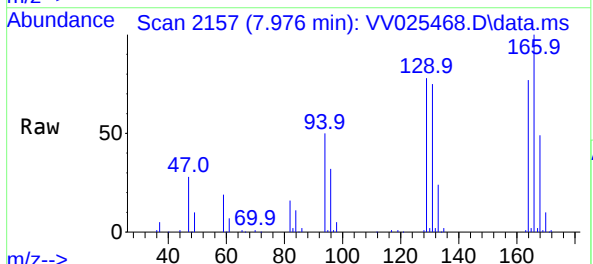
Ion	Ratio	Lower	Upper
97	100		
99	41.0	43.8	81.4#
83	67.7	60.3	112.1
85	51.8	38.7	71.9

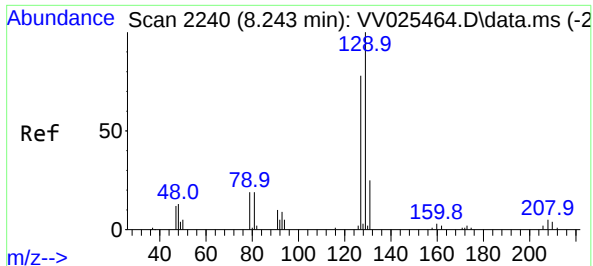


#47
Tetrachloroethene
Concen: 6.425 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV025468.D
Acq: 12 Apr 2022 11:47

Tgt Ion: 164 Resp: 56594

Ion	Ratio	Lower	Upper
164	100		
129	101.3	66.8	124.2
131	98.0	66.4	123.4
166	130.4	91.7	170.3





#49

Dibromochloromethane

Concen: 7.672 ug/L

RT: 7.976 min Scan# 21

Delta R.T. -0.267 min

Lab File: VV025468.D

Acq: 12 Apr 2022 11:47

Instrument :

MSVOA_V

ClientSampleId :

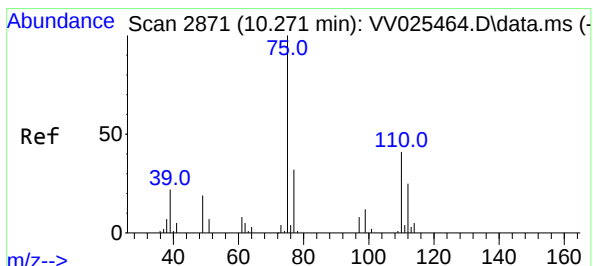
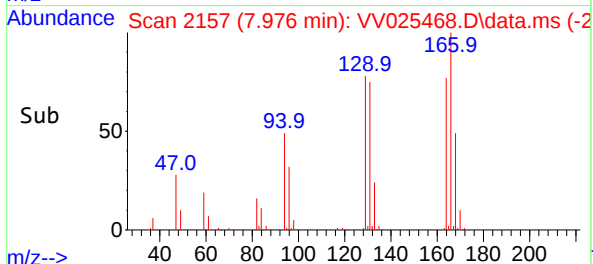
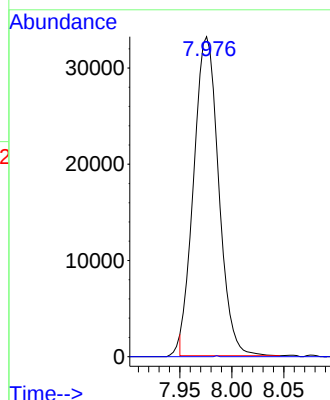
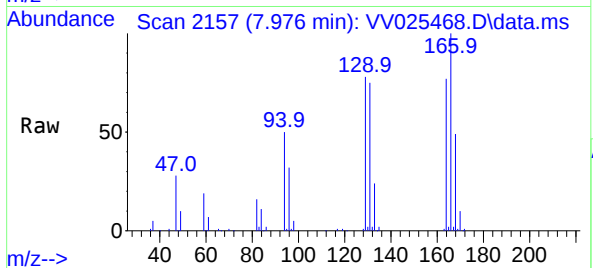
YB2H8

Tgt Ion:129 Resp: 55294

Ion Ratio Lower Upper

129 100

127 0.0 53.8 100.0#



#61

1,2,3-Trichloropropane

Concen: 1.901 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV025468.D

Acq: 12 Apr 2022 11:47

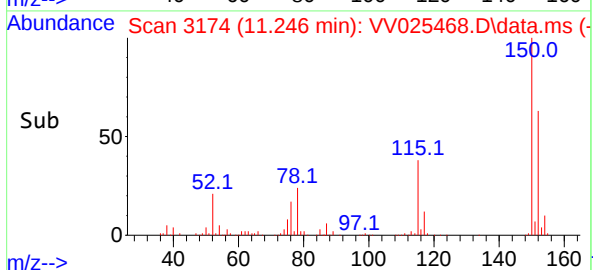
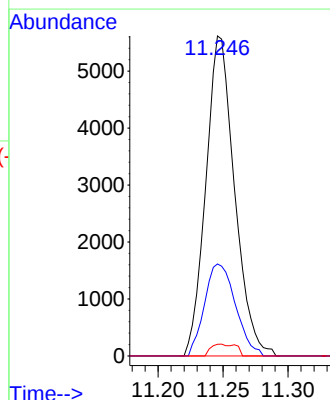
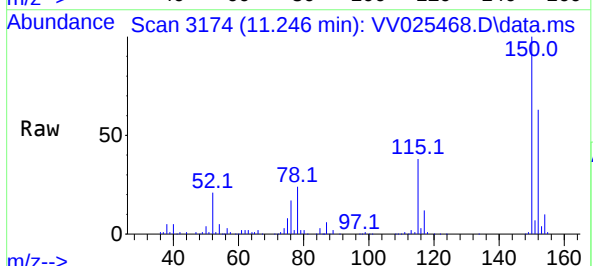
Tgt Ion: 75 Resp: 8622

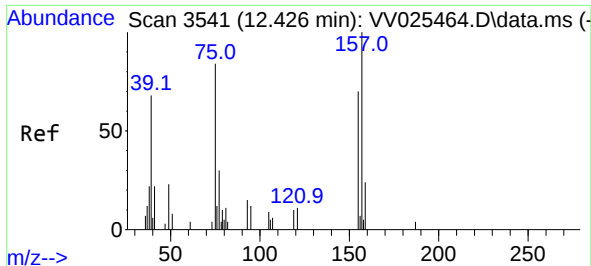
Ion Ratio Lower Upper

75 100

77 31.0 25.6 38.4

110 3.2 34.7 52.1#





#68

1,2-Dibromo-3-chloropropane

Concen: 0.159 ug/L

RT: 12.252 min Scan# 34

Delta R.T. -0.174 min

Lab File: VV025468.D

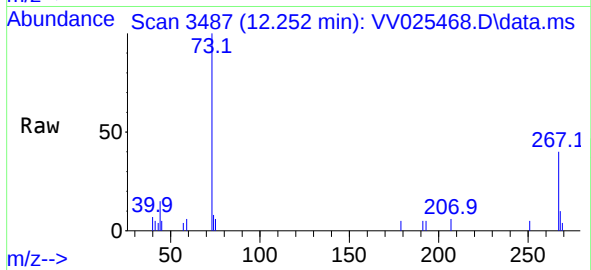
Acq: 12 Apr 2022 11:47

Instrument :

MSVOA_V

ClientSampleId :

YB2H8



Tgt Ion: 75 Resp: 125

Ion Ratio Lower Upper

75 100

155 0.0 65.8 98.8#

157 0.0 86.6 130.0#

