

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW030822\
 Data File : VW024868.D
 Acq On : 08 Mar 2022 13:29
 Operator : SY/MD
 Sample : N1811-04
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

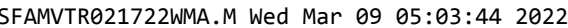
Quant Time: Mar 09 05:03:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 09 05:01:56 2022
 Response via : Initial Calibration

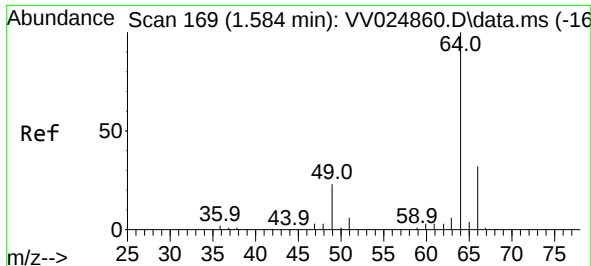
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	177864	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	165620	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	70969	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	69322	4.595	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.000%
7) Chloroethane-d5	1.568	69	61207	4.945	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.000%
11) 1,1-Dichloroethene-d2	2.108	63	90741	3.282	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.600%
20) 2-Butanone-d5	3.899	46	132002	61.257	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.520%
24) Chloroform-d	4.349	84	129475	5.500	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.000%
26) 1,2-Dichloroethane-d4	5.034	65	56885	5.421	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.400%
32) Benzene-d6	5.050	84	270500	5.661	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.200%
36) 1,2-Dichloropropane-d6	6.069	67	82211	5.847	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	117.000%
41) Toluene-d8	7.317	98	229039	5.276	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.600%
43) trans-1,3-Dichloroprop...	7.622	79	26353	5.626	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	112.600%
46) 2-Hexanone-d5	8.088	63	99195	53.819	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.640%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	46768	5.519	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	70056	5.705	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.200%
Target Compounds						Qvalue
8) Chloroethane	1.307	64	1033	0.088	ug/L #	1
12) 1,1-Dichloroethene	2.121	96	2612	0.189	ug/L #	1
18) trans-1,2-Dichloroethene	2.770	96	584	0.043	ug/L	97
22) cis-1,2-Dichloroethene	3.918	96	15034	1.051	ug/L	96
25) Chloroform	4.372	83	2088	0.081	ug/L	76
27) 1,2-Dichloroethane	5.043	62	1317	0.095	ug/L #	73
34) Trichloroethene	5.912	95	800294	53.877	ug/L	96
35) Methylcyclohexane	6.069	83	19504	0.813	ug/L #	19
37) 1,2-Dichloropropane	6.069	63	8618	0.650	ug/L #	86
39) cis-1,3-Dichloropropene	6.986	75	1888	0.103	ug/L #	63
47) Tetrachloroethene	7.976	164	862	0.085	ug/L	85
49) Dibromochloromethane	7.979	129	928	0.097	ug/L #	11
61) 1,2,3-Trichloropropane	11.246	75	9408	1.463	ug/L #	67

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

Quant Time: Mar 09 05:03:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Mar 09 05:01:56 2022
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.088 ug/L

RT: 1.307 min Scan# 81

Delta R.T. -0.276 min

Lab File: VV024868.D

Acq: 08 Mar 2022 13:29

Instrument :

MSVOA_V

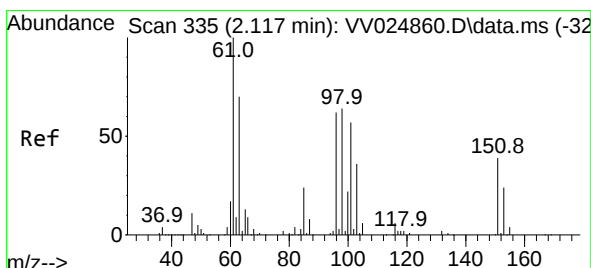
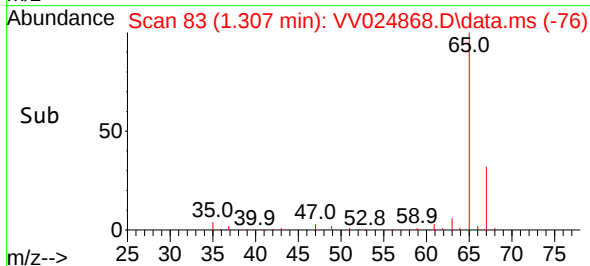
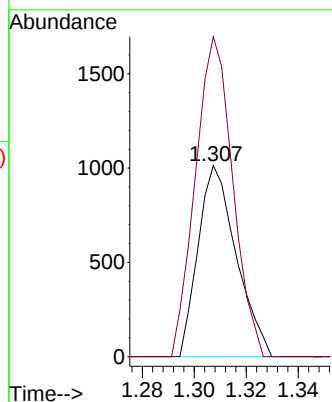
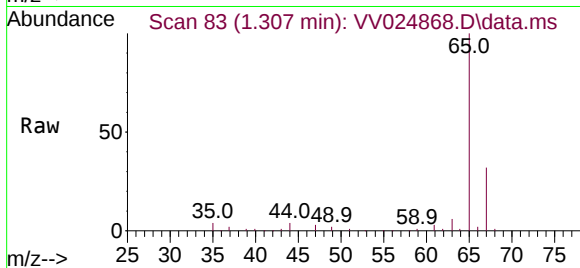
ClientSampleId :

Tgt Ion: 64 Resp: 1033

Ion Ratio Lower Upper

64 100

66 167.4 22.5 41.9#



#12

1,1-Dichloroethene

Concen: 0.189 ug/L

RT: 2.121 min Scan# 336

Delta R.T. 0.003 min

Lab File: VV024868.D

Acq: 08 Mar 2022 13:29

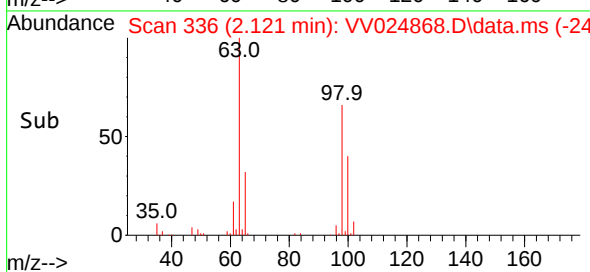
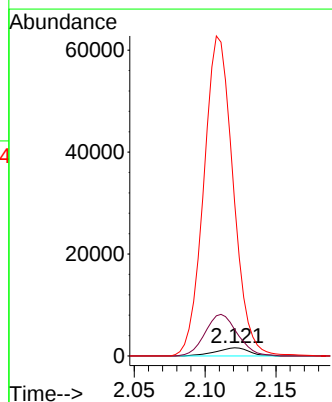
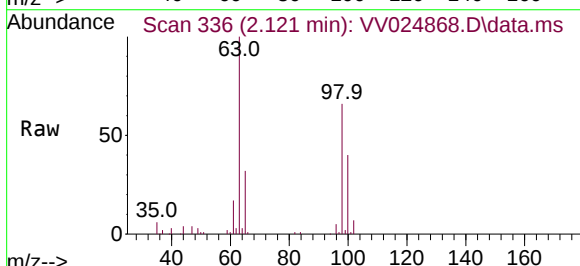
Tgt Ion: 96 Resp: 2612

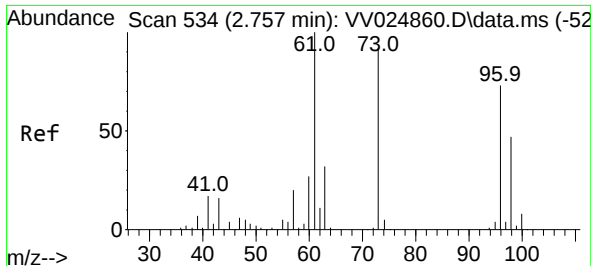
Ion Ratio Lower Upper

96 100

61 326.4 116.3 216.1#

63 1898.0 86.0 159.6#

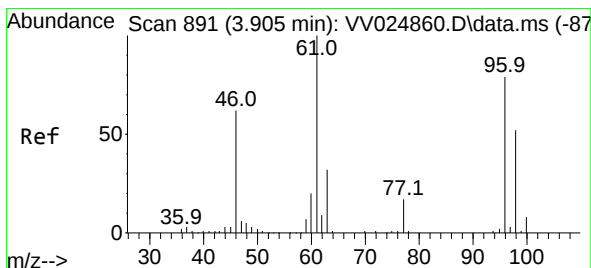
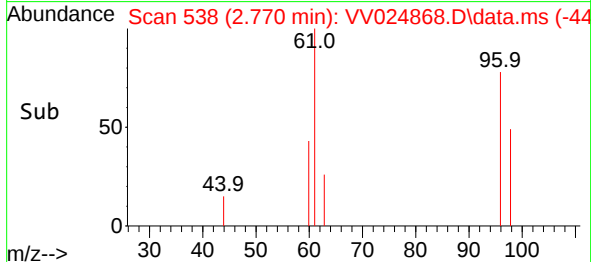
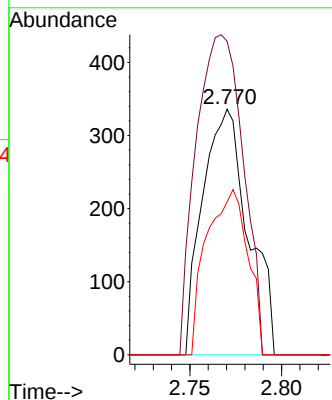
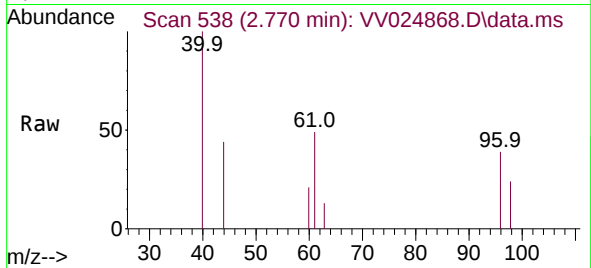




#18
trans-1,2-Dichloroethene
Concen: 0.043 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.013 min
Lab File: VV024868.D
Acq: 08 Mar 2022 13:29

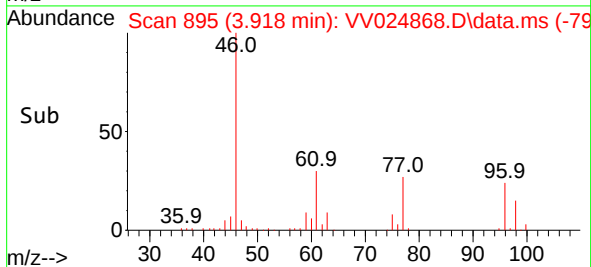
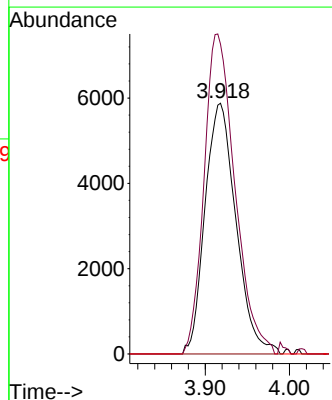
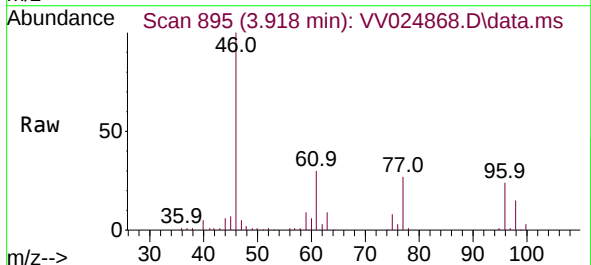
Instrument :
MSVOA_V
ClientSampleId :

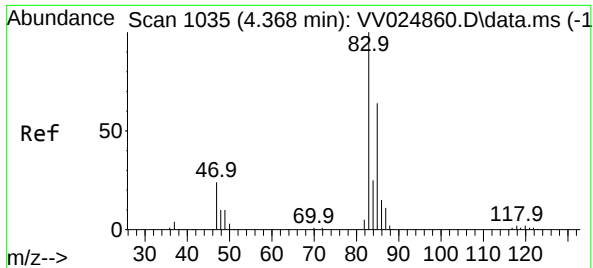
Tgt Ion: 96 Resp: 584
Ion Ratio Lower Upper
96 100
61 127.7 92.9 172.5
98 62.2 44.5 82.7



#22
cis-1,2-Dichloroethene
Concen: 1.051 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.013 min
Lab File: VV024868.D
Acq: 08 Mar 2022 13:29

Tgt Ion: 96 Resp: 15034
Ion Ratio Lower Upper
96 100
61 123.6 89.7 166.5
68 0.0 0.0 0.0

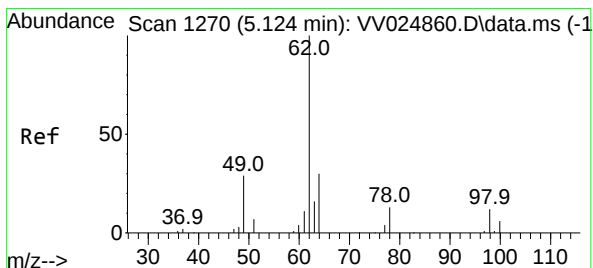
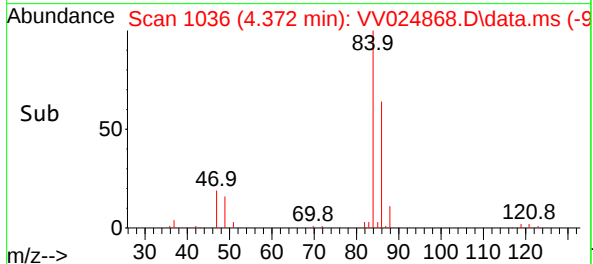
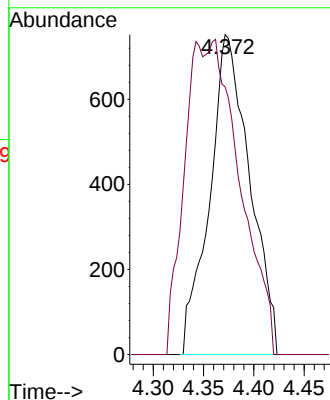
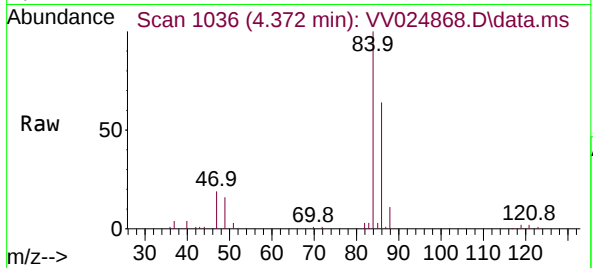




#25
Chloroform
Concen: 0.081 ug/L
RT: 4.372 min Scan# 1036
Delta R.T. 0.003 min
Lab File: VV024868.D
Acq: 08 Mar 2022 13:29

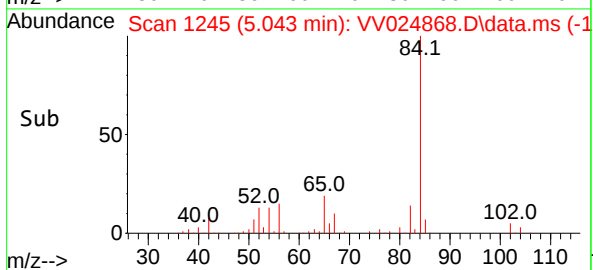
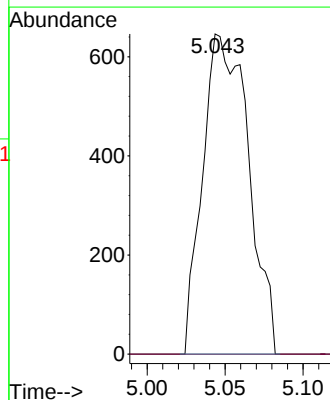
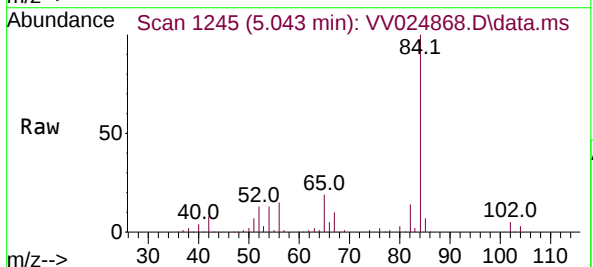
Instrument :
MSVOA_V
ClientSampleId :

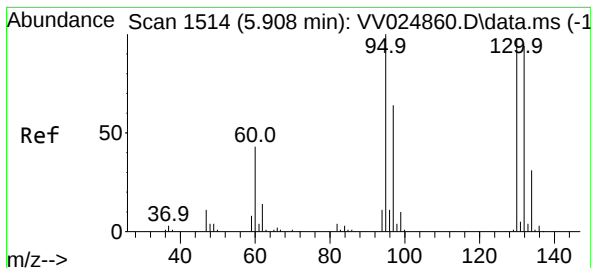
Tgt Ion: 83 Resp: 2088
Ion Ratio Lower Upper
83 100
85 83.6 45.5 84.5



#27
1,2-Dichloroethane
Concen: 0.095 ug/L
RT: 5.043 min Scan# 1245
Delta R.T. -0.080 min
Lab File: VV024868.D
Acq: 08 Mar 2022 13:29

Tgt Ion: 62 Resp: 1317
Ion Ratio Lower Upper
62 100
98 0.0 8.2 12.2#





#34

Trichloroethene

Concen: 53.877 ug/L

RT: 5.912 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV024868.D

Acq: 08 Mar 2022 13:29

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 800294

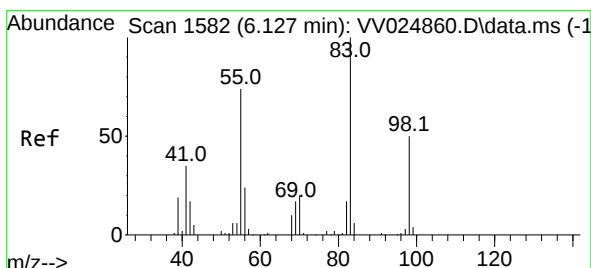
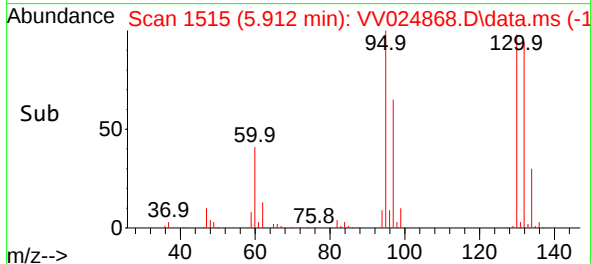
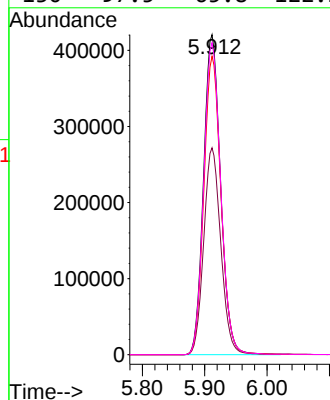
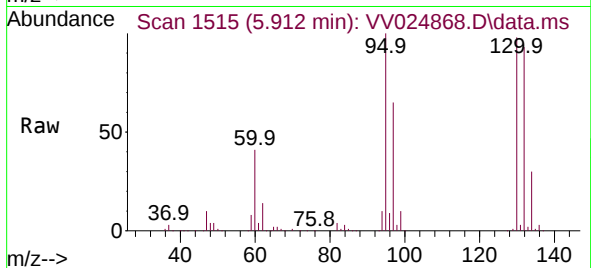
Ion Ratio Lower Upper

95 100

97 64.7 44.2 82.0

132 93.2 62.1 115.3

130 97.5 65.8 122.2



#35

Methylcyclohexane

Concen: 0.813 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV024868.D

Acq: 08 Mar 2022 13:29

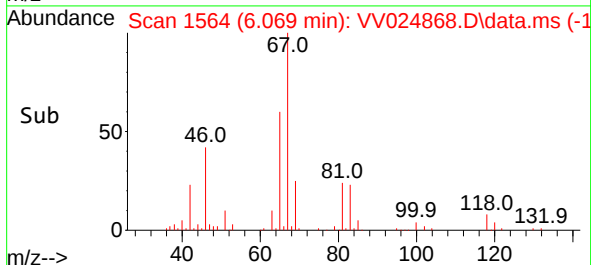
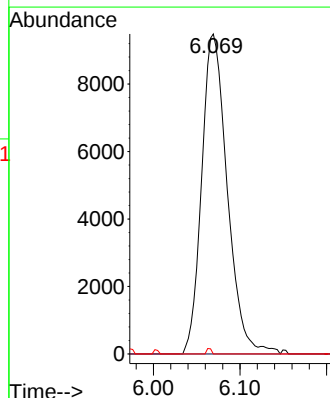
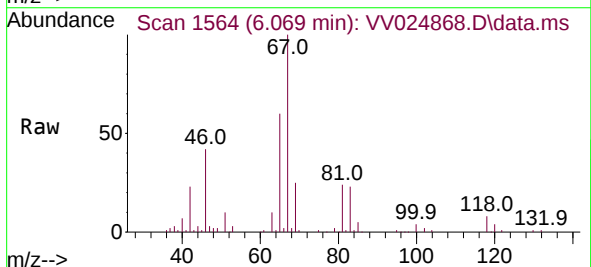
Tgt Ion: 83 Resp: 19504

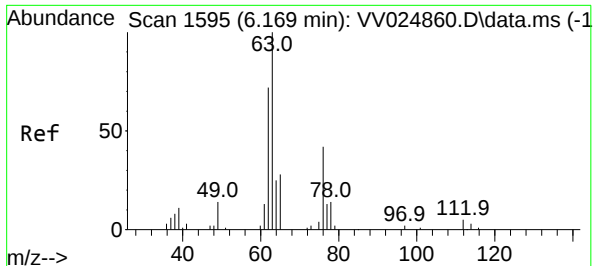
Ion Ratio Lower Upper

83 100

55 0.0 58.8 88.2#

98 0.0 38.6 58.0#





#37

1,2-Dichloropropane

Concen: 0.650 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.099 min

Lab File: VV024868.D

Acq: 08 Mar 2022 13:29

Instrument :

MSVOA_V

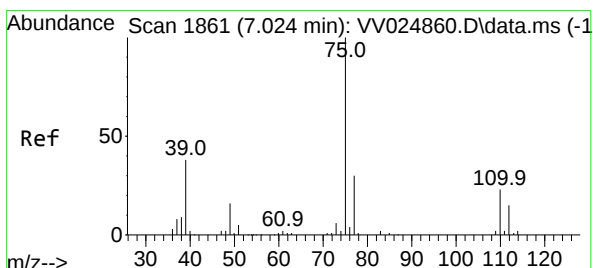
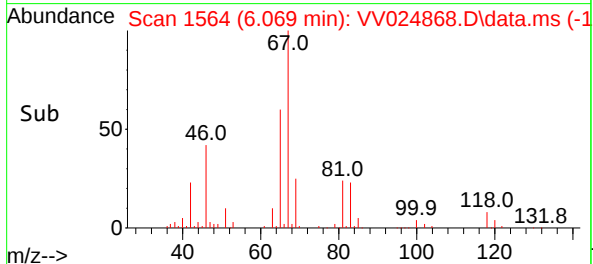
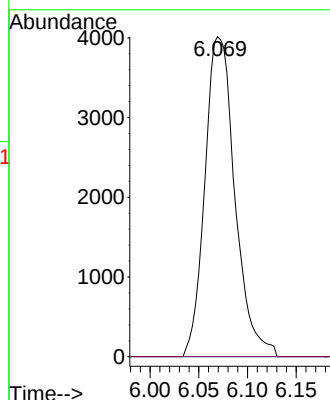
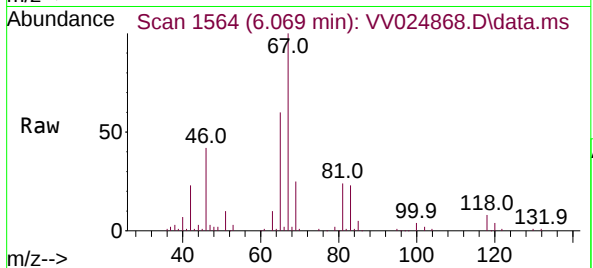
ClientSampleId :

Tgt Ion: 63 Resp: 8618

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.103 ug/L

RT: 6.986 min Scan# 1849

Delta R.T. -0.038 min

Lab File: VV024868.D

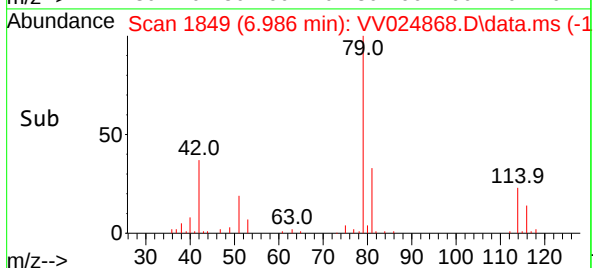
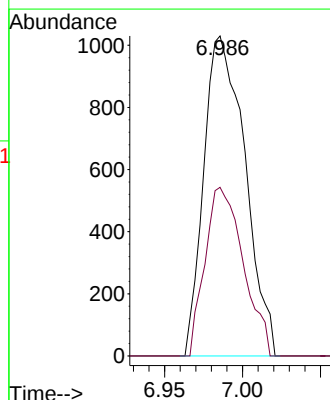
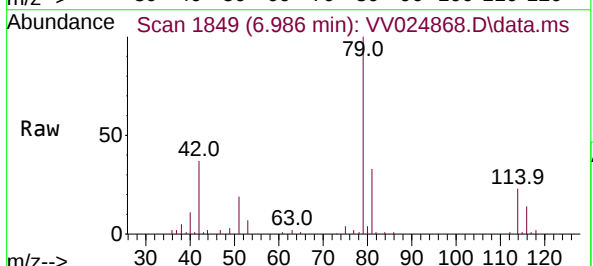
Acq: 08 Mar 2022 13:29

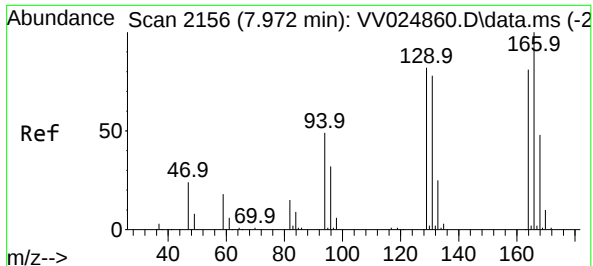
Tgt Ion: 75 Resp: 1888

Ion Ratio Lower Upper

75 100

77 52.7 22.3 41.5#





#47

Tetrachloroethene

Concen: 0.085 ug/L

RT: 7.976 min Scan# 2156

Delta R.T. 0.003 min

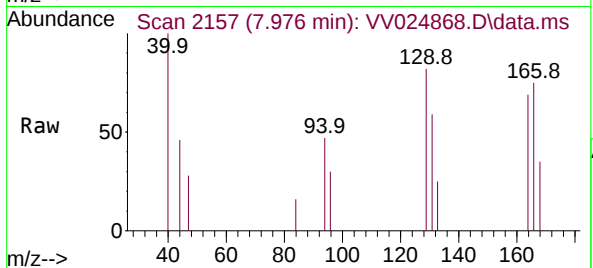
Lab File: VV024868.D

Acq: 08 Mar 2022 13:29

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 862

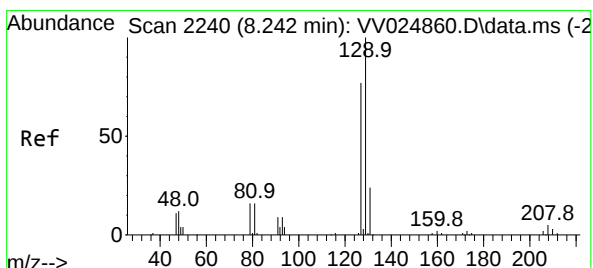
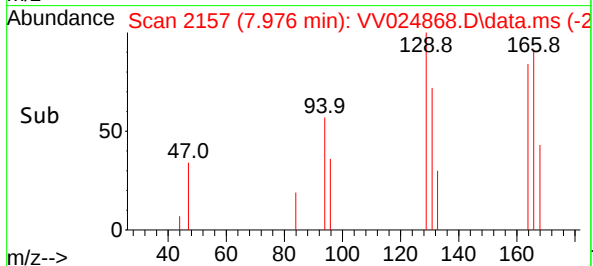
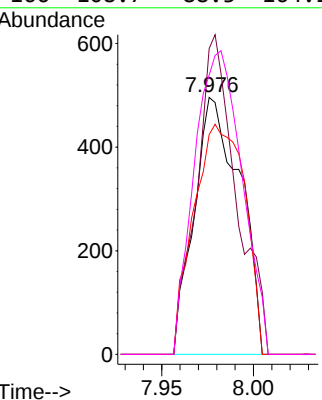
Ion Ratio Lower Upper

164 100

129 119.0 70.3 130.7

131 85.5 67.7 125.7

166 108.7 88.3 164.1



#49

Dibromochloromethane

Concen: 0.097 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.263 min

Lab File: VV024868.D

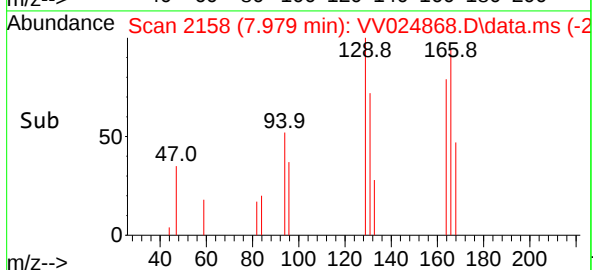
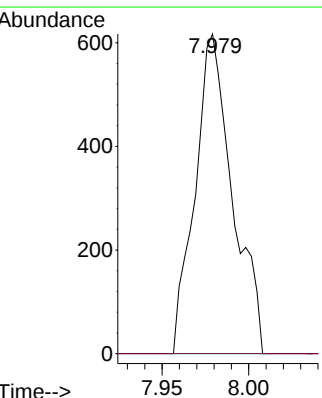
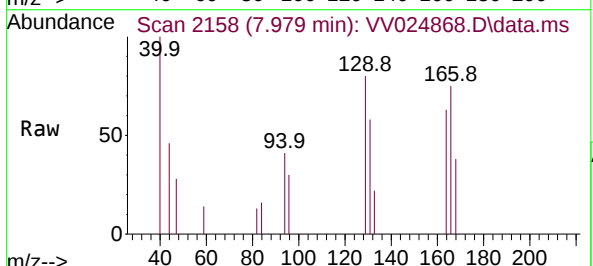
Acq: 08 Mar 2022 13:29

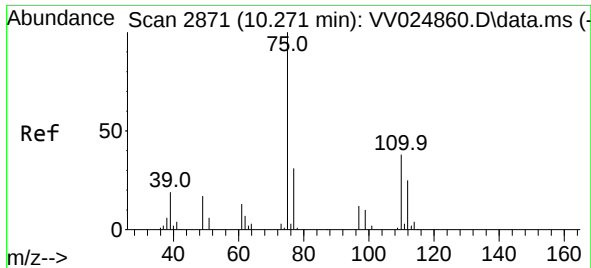
Tgt Ion:129 Resp: 928

Ion Ratio Lower Upper

129 100

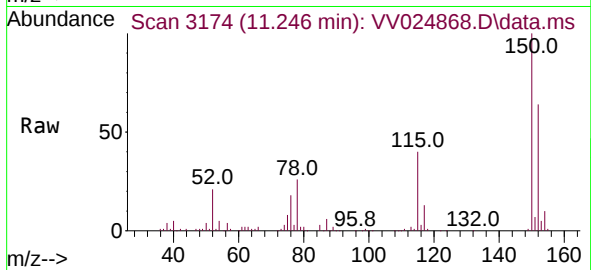
127 0.0 53.6 99.6#





#61
 1,2,3-Trichloropropane
 Concen: 1.463 ug/L
 RT: 11.246 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV024868.D
 Acq: 08 Mar 2022 13:29

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 9408
 Ion Ratio Lower Upper
 75 100
 77 31.8 26.3 39.5
 110 1.4 30.3 45.5#

