

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041122\
 Data File : VW025441.D
 Acq On : 11 Apr 2022 11:41
 Operator : SY/MD
 Sample : N2319-02DL 10X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

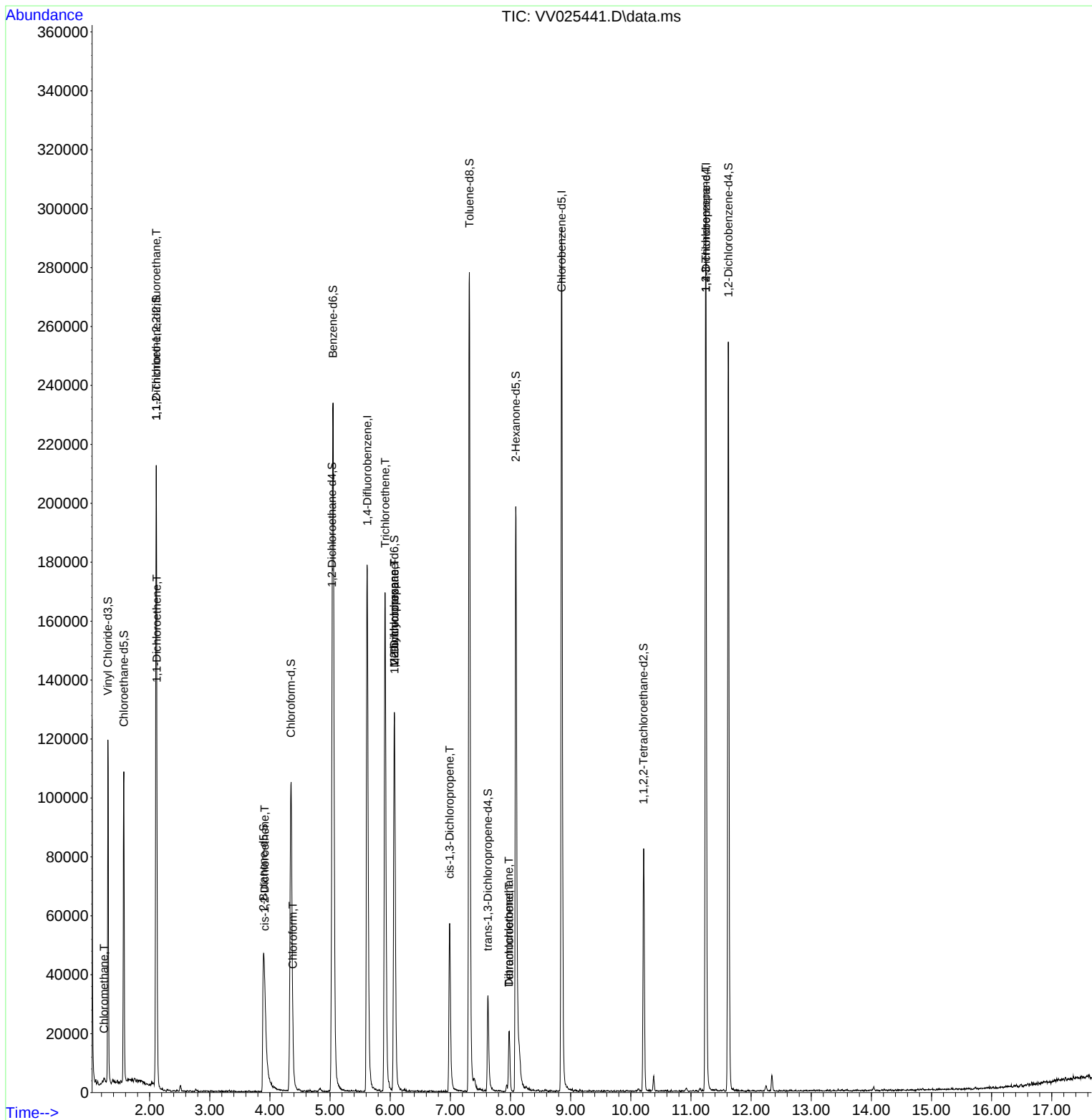
Quant Time: Apr 12 07:04:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 12 07:03:45 2022
 Response via : Initial Calibration

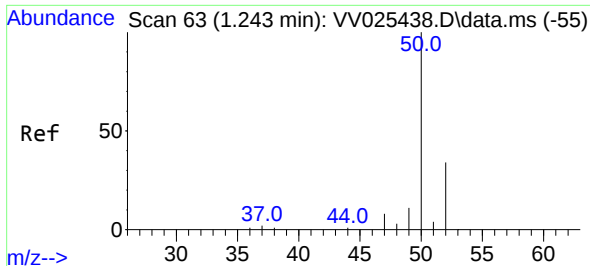
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	162041	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	164838	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	76376	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	69946	4.643	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.800%
7) Chloroethane-d5	1.571	69	66074	4.123	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.400%
11) 1,1-Dichloroethene-d2	2.111	63	110756	3.670	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.400%
20) 2-Butanone-d5	3.892	46	91954	50.179	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.360%
24) Chloroform-d	4.352	84	111442	4.895	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
26) 1,2-Dichloroethane-d4	5.034	65	50865	5.186	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.800%
32) Benzene-d6	5.050	84	222174	4.658	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
36) 1,2-Dichloropropane-d6	6.069	67	62776	4.720	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.400%
41) Toluene-d8	7.317	98	189492	4.281	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.600%
43) trans-1,3-Dichloroprop...	7.625	79	18813	4.208	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.200%
46) 2-Hexanone-d5	8.088	63	70101	44.676	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.360%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	39168	4.661	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	64304	5.022	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.400%
Target Compounds						Qvalue
3) Chloromethane	1.243	50	659	0.041	ug/L #	80
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	1281	0.090	ug/L #	32
12) 1,1-Dichloroethene	2.121	96	3085	0.219	ug/L #	1
22) cis-1,2-Dichloroethene	3.912	96	2571	0.207	ug/L	98
25) Chloroform	4.381	83	3362	0.160	ug/L	87
34) Trichloroethene	5.915	95	58476	4.523	ug/L	99
35) Methylcyclohexane	6.069	83	15791	0.765	ug/L #	22
37) 1,2-Dichloropropane	6.072	63	7367	0.654	ug/L #	85
39) cis-1,3-Dichloropropene	6.989	75	1703	0.115	ug/L #	79
47) Tetrachloroethene	7.979	164	4872	0.481	ug/L	92
49) Dibromochloromethane	7.976	129	4350	0.525	ug/L #	11
61) 1,2,3-Trichloropropane	11.246	75	9095	1.808	ug/L #	59

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

Quant Time: Apr 12 07:04:39 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Apr 12 07:03:45 2022
Response via : Initial Calibration

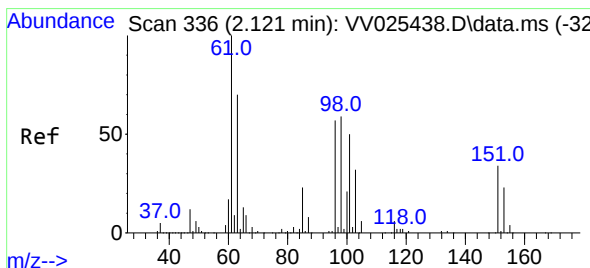
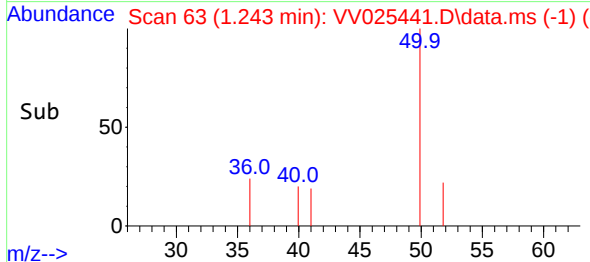
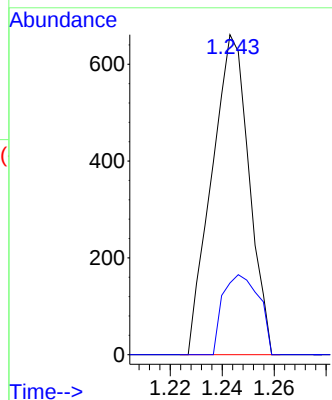
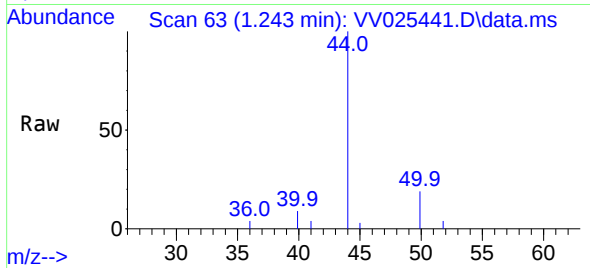




#3
Chloromethane
Concen: 0.041 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV025441.D
Acq: 11 Apr 2022 11:41

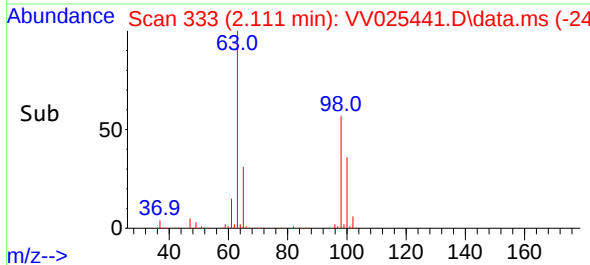
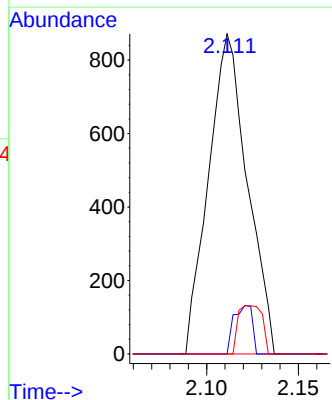
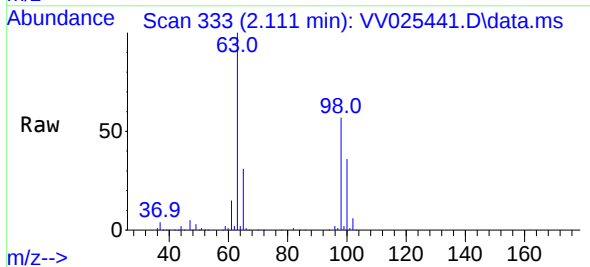
Instrument :
MSVOA_V
ClientSampleId :

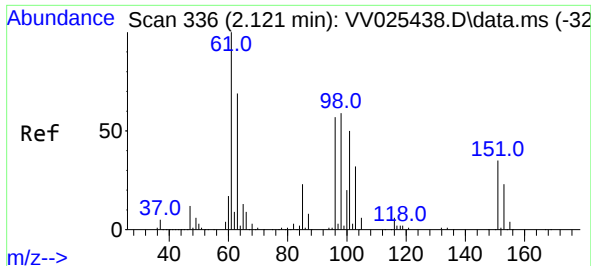
Tgt Ion: 50 Resp: 659
Ion Ratio Lower Upper
50 100
52 22.4 23.7 43.9#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.090 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.010 min
Lab File: VV025441.D
Acq: 11 Apr 2022 11:41

Tgt Ion: 101 Resp: 1281
Ion Ratio Lower Upper
101 100
85 7.2 35.9 53.9#
151 9.3 56.0 84.0#





#12

1,1-Dichloroethene

Concen: 0.219 ug/L

RT: 2.121 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV025441.D

Acq: 11 Apr 2022 11:41

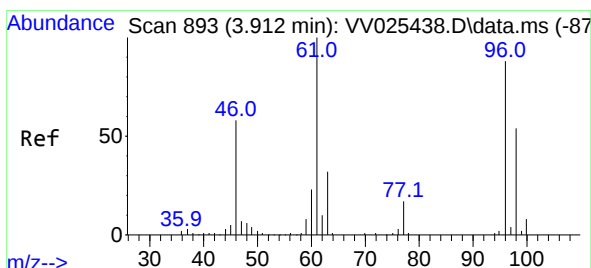
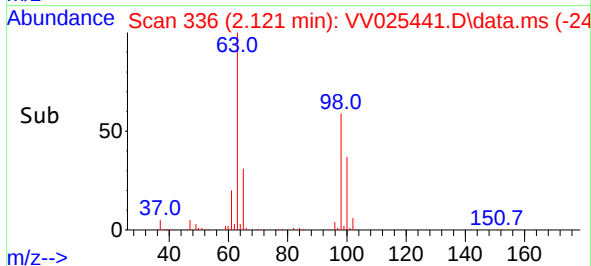
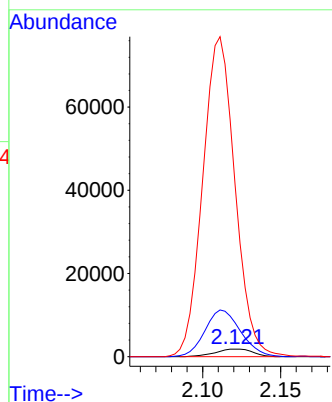
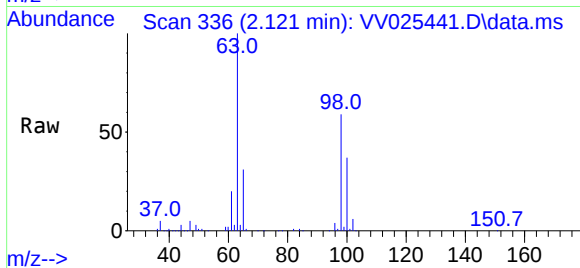
Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 96 Resp: 3085

Ion	Ratio	Lower	Upper
96	100		
61	445.8	125.2	232.4#
63	2264.2	114.4	212.4#



#22

cis-1,2-Dichloroethene

Concen: 0.207 ug/L

RT: 3.912 min Scan# 893

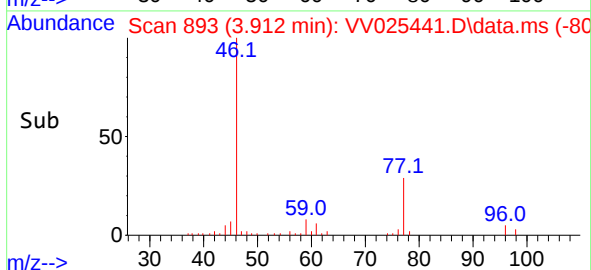
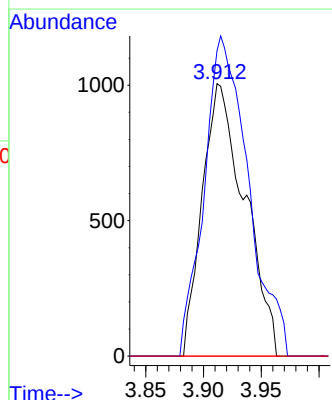
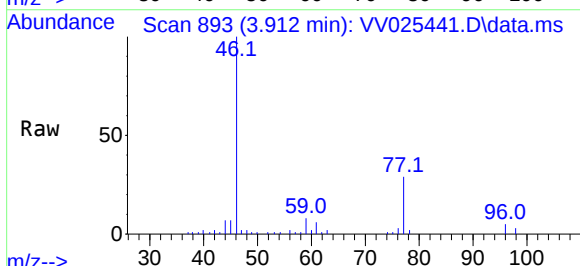
Delta R.T. 0.000 min

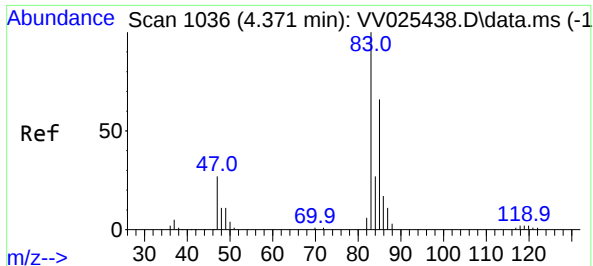
Lab File: VV025441.D

Acq: 11 Apr 2022 11:41

Tgt Ion: 96 Resp: 2571

Ion	Ratio	Lower	Upper
96	100		
61	112.0	80.0	148.6
68	0.0	0.0	0.0





#25

Chloroform

Concen: 0.160 ug/L

RT: 4.381 min Scan# 1036

Delta R.T. 0.010 min

Lab File: VV025441.D

Acq: 11 Apr 2022 11:41

Instrument :

MSVOA_V

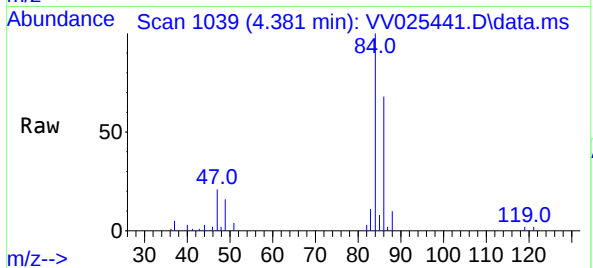
ClientSampleId :

Tgt Ion: 83 Resp: 3362

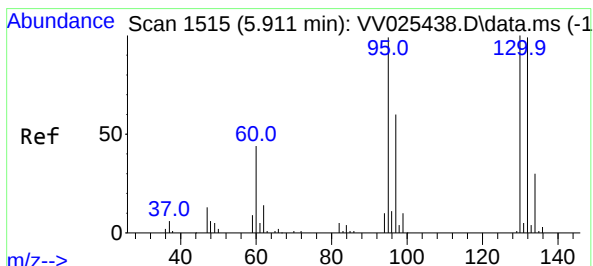
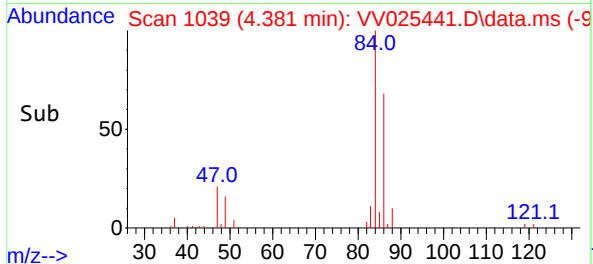
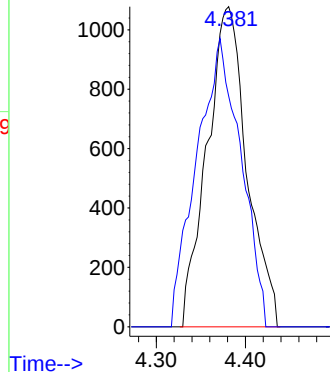
Ion Ratio Lower Upper

83 100

85 72.1 43.5 80.7



Abundance



#34

Trichloroethene

Concen: 4.523 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. 0.003 min

Lab File: VV025441.D

Acq: 11 Apr 2022 11:41

Tgt Ion: 95 Resp: 58476

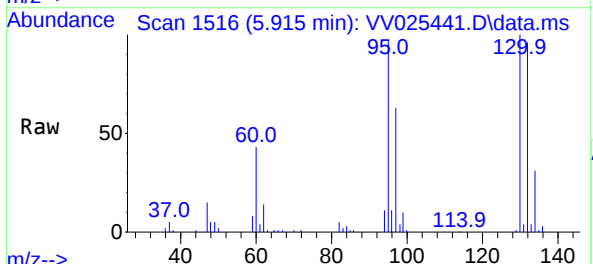
Ion Ratio Lower Upper

95 100

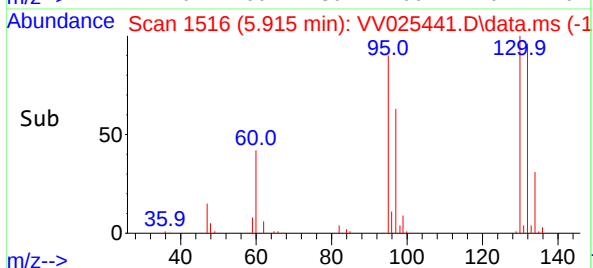
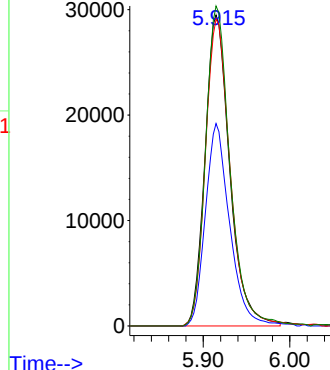
97 65.1 45.8 85.2

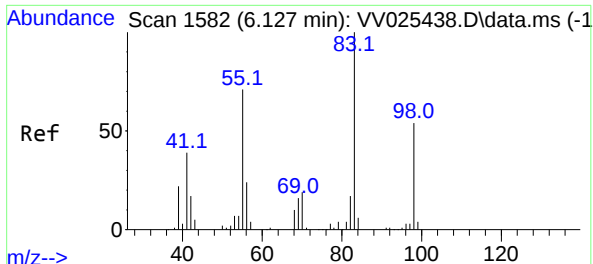
132 98.7 68.0 126.4

130 102.9 71.9 133.5



Abundance





#35

Methylcyclohexane

Concen: 0.765 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV025441.D

Acq: 11 Apr 2022 11:41

Instrument :

MSVOA_V

ClientSampleId :

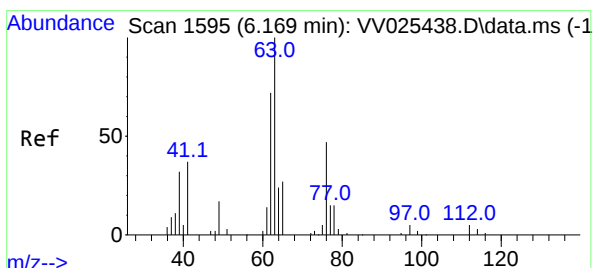
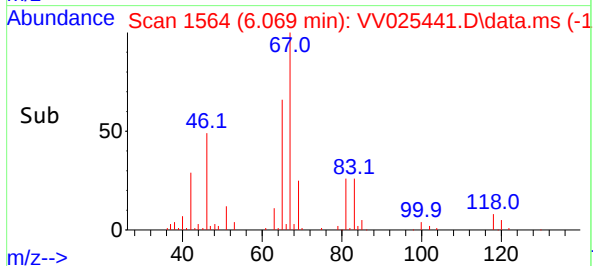
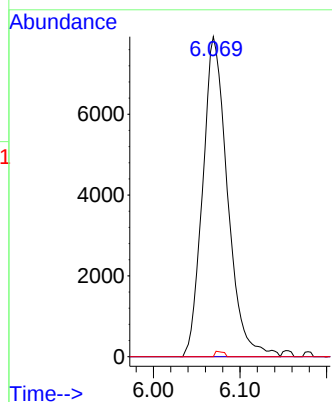
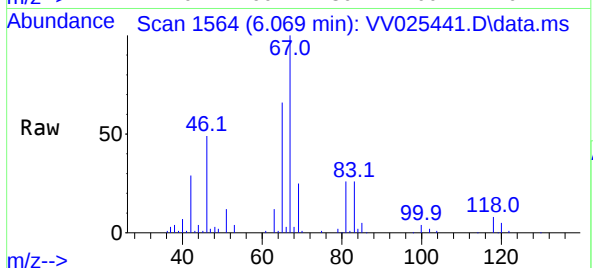
Tgt Ion: 83 Resp: 15791

Ion Ratio Lower Upper

83 100

55 0.0 53.7 80.5#

98 0.6 39.6 59.4#



#37

1,2-Dichloropropane

Concen: 0.654 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.096 min

Lab File: VV025441.D

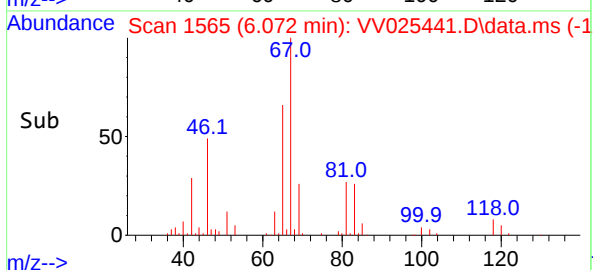
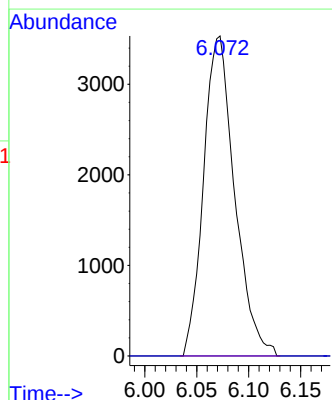
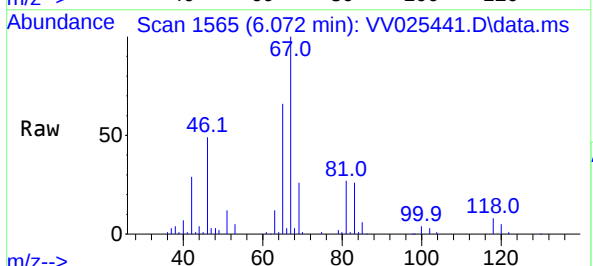
Acq: 11 Apr 2022 11:41

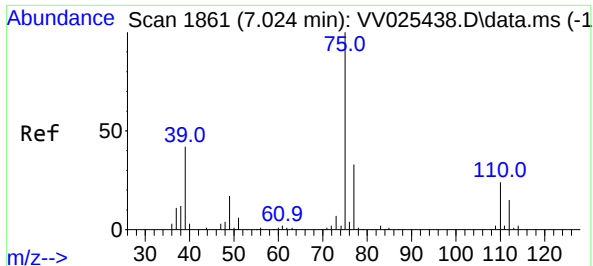
Tgt Ion: 63 Resp: 7367

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#





#39

cis-1,3-Dichloropropene

Concen: 0.115 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV025441.D

Acq: 11 Apr 2022 11:41

Instrument :

MSVOA_V

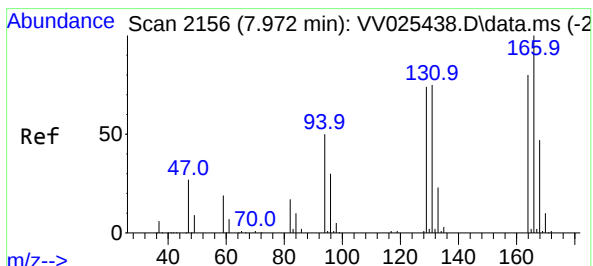
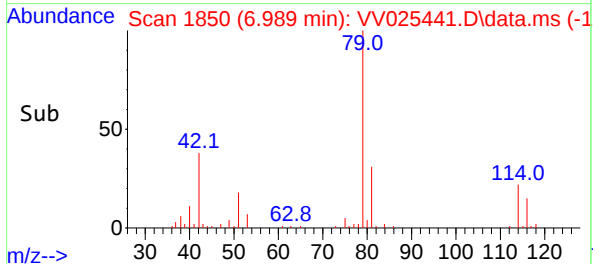
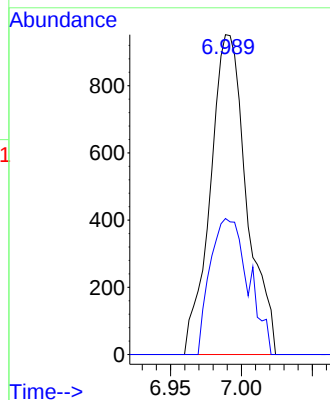
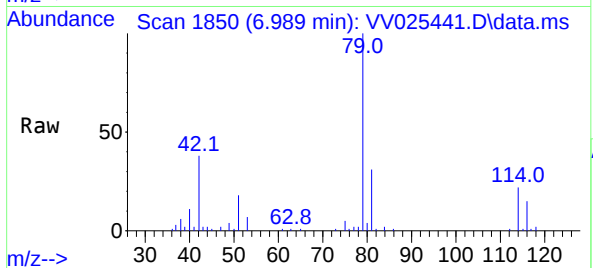
ClientSampleId :

Tgt Ion: 75 Resp: 1703

Ion Ratio Lower Upper

75 100

77 42.5 21.8 40.6#



#47

Tetrachloroethene

Concen: 0.481 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.007 min

Lab File: VV025441.D

Acq: 11 Apr 2022 11:41

Tgt Ion:164 Resp: 4872

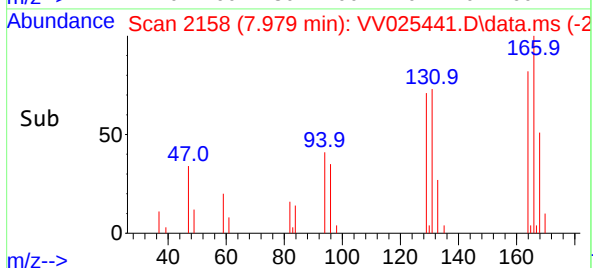
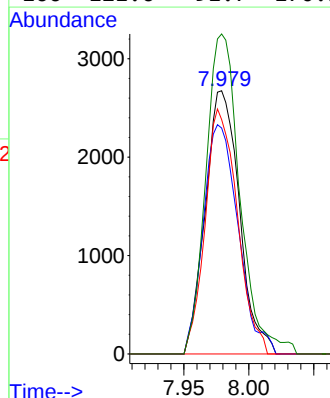
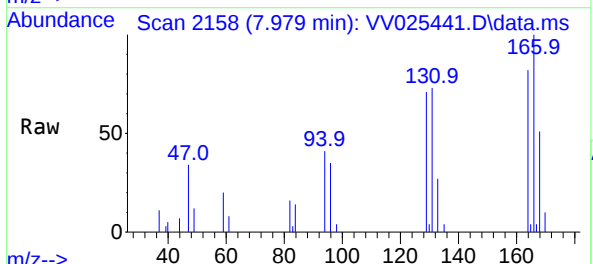
Ion Ratio Lower Upper

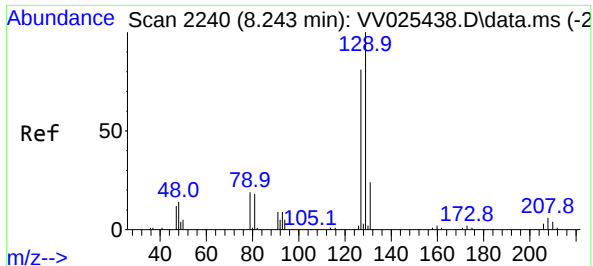
164 100

129 85.9 66.8 124.2

131 89.1 66.4 123.4

166 121.6 91.7 170.3





#49

Dibromochloromethane

Concen: 0.525 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV025441.D

Acq: 11 Apr 2022 11:41

Instrument :

MSVOA_V

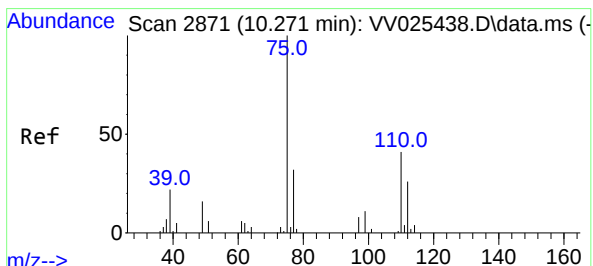
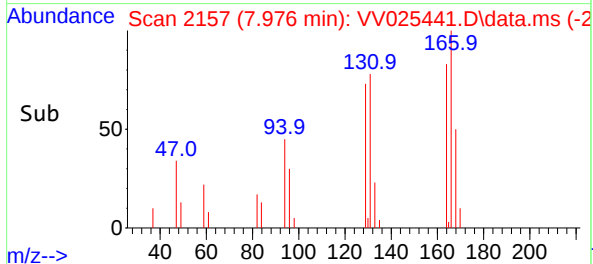
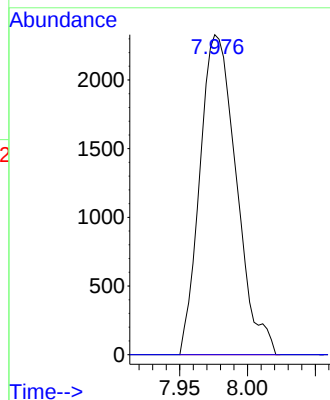
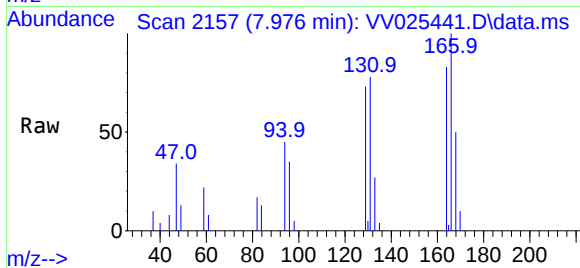
ClientSampleId :

Tgt Ion:129 Resp: 4350

Ion Ratio Lower Upper

129 100

127 0.0 53.8 100.0#



#61

1,2,3-Trichloropropane

Concen: 1.808 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV025441.D

Acq: 11 Apr 2022 11:41

Tgt Ion: 75 Resp: 9095

Ion Ratio Lower Upper

75 100

77 37.5 25.6 38.4

110 2.9 34.7 52.1#

