

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121021\
 Data File : VX025698.D
 Acq On : 10 Dec 2021 13:54
 Operator : JC/MD
 Sample : M5004-11ME
 Misc : 6.28g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

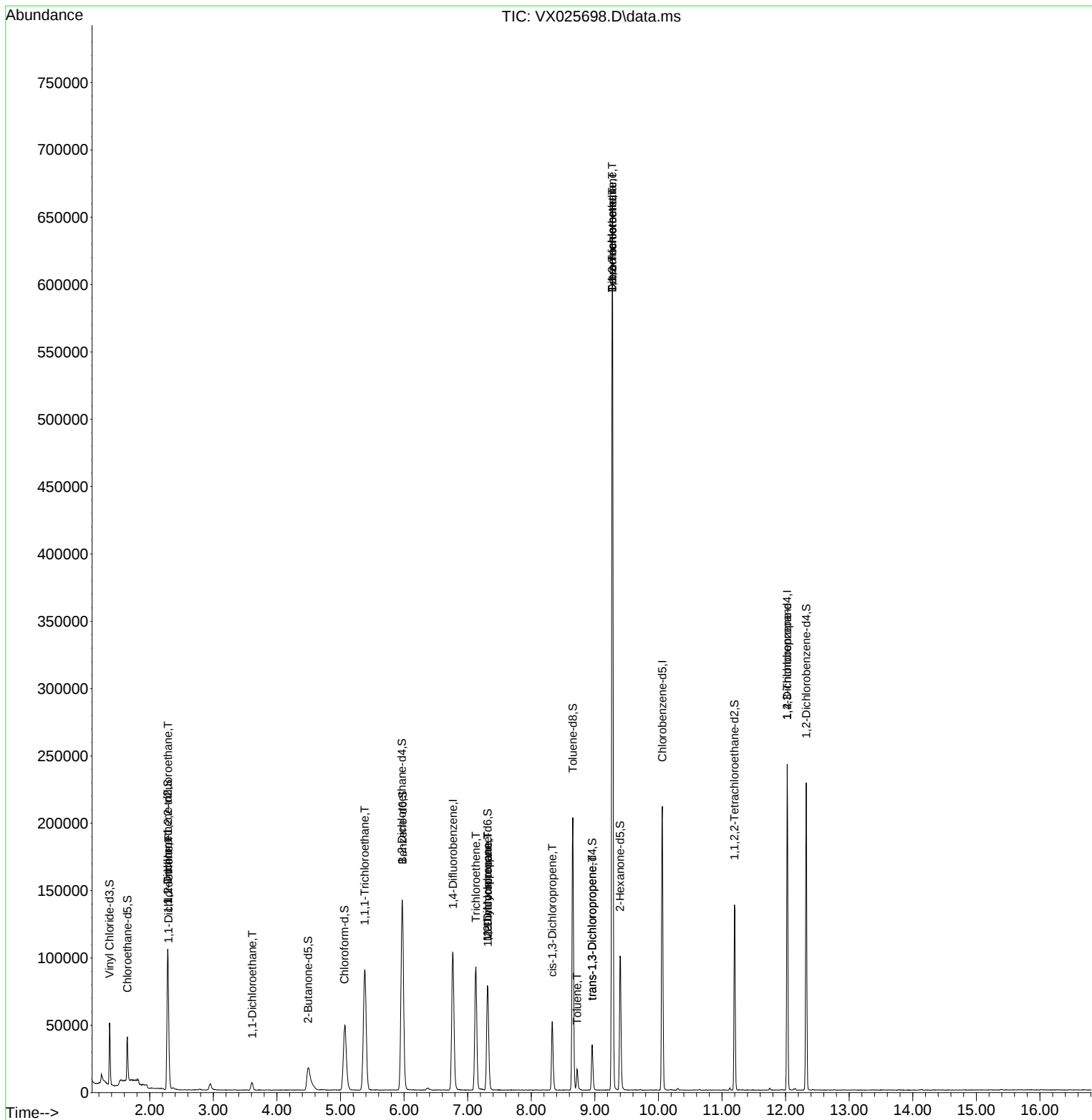
Quant Time: Dec 10 23:33:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML112221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 10 23:31:21 2021
 Response via : Initial Calibration

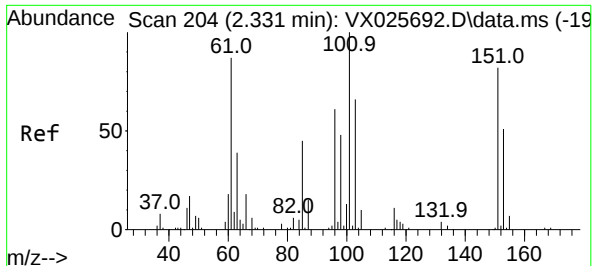
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	116594	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	104276	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	49293	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	32601	40.971	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.940%
7) Chloroethane-d5	1.648	69	20613	31.388	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	62.780%#
11) 1,1-Dichloroethene-d2	2.282	63	56724	44.710	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.420%
21) 2-Butanone-d5	4.489	46	47493	80.182	ug/L	0.04
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.180%
24) Chloroform-d	5.062	84	61912	44.520	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.040%
26) 1,2-Dichloroethane-d4	5.964	65	43035	49.647	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.300%
32) Benzene-d6	5.977	84	138136	49.983	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.960%
36) 1,2-Dichloropropane-d6	7.312	67	40674	47.535	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.080%
41) Toluene-d8	8.653	98	125205	47.998	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.000%
43) trans-1,3-Dichloroprop...	8.958	79	17965	41.761	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.520%
47) 2-Hexanone-d5	9.397	63	33496	75.204	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.200%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	53643	44.359	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.720%
66) 1,2-Dichlorobenzene-d4	12.323	152	46142	47.726	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.460%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.288	101	840	1.243	ug/L #	40
12) 1,1-Dichloroethene	2.294	96	11570	18.480	ug/L #	41
19) 1,1-Dichloroethane	3.611	63	6663	5.520	ug/L	95
30) 1,1,1-Trichloroethane	5.379	97	89913	78.110	ug/L	99
34) Trichloroethene	7.129	95	34028	46.442	ug/L	99
35) Methylcyclohexane	7.312	83	10178	8.826	ug/L #	20
37) 1,2-Dichloropropane	7.318	63	4829	6.911	ug/L #	85
39) cis-1,3-Dichloropropene	8.330	75	1412	1.241	ug/L	85
42) Toluene	8.720	91	10431	3.395	ug/L	98
44) trans-1,3-Dichloropropene	8.958	75	893	0.816	ug/L	93
45) 1,1,2-Trichloroethane	9.275	97	1068	1.440	ug/L #	11
46) Tetrachloroethene	9.275	164	123787	199.211	ug/L	98
49) Dibromochloromethane	9.275	129	117170	137.101	ug/L #	12
61) 1,2,3-Trichloropropane	12.024	75	5637	6.685	ug/L #	63

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

Quant Time: Dec 10 23:33:11 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXMLM112221WMA.M
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QLast Update : Fri Dec 10 23:31:21 2021
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 1.243 ug/L

RT: 2.288 min Scan# 197

Delta R.T. -0.043 min

Lab File: VX025698.D

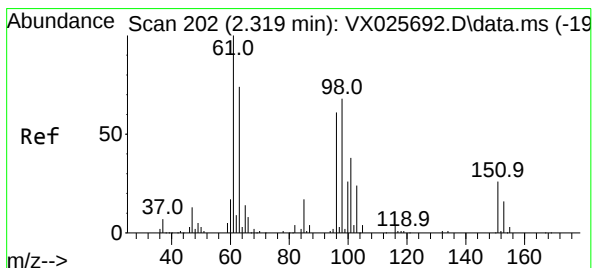
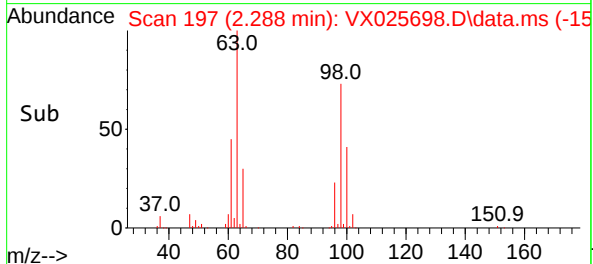
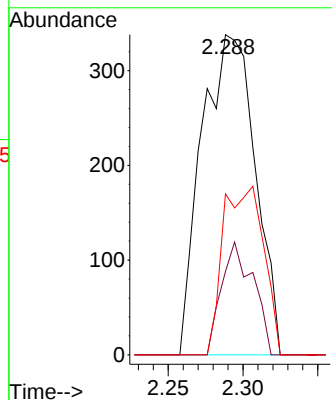
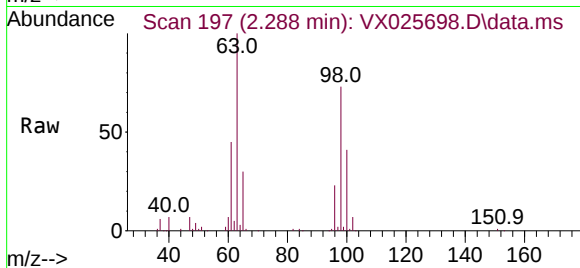
Acq: 10 Dec 2021 13:54

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	101	Resp:	840
Ion	Ratio	Lower	Upper
101	100		
85	21.0	34.3	51.5#
151	16.4	65.2	97.8#



#12

1,1-Dichloroethene

Concen: 18.480 ug/L

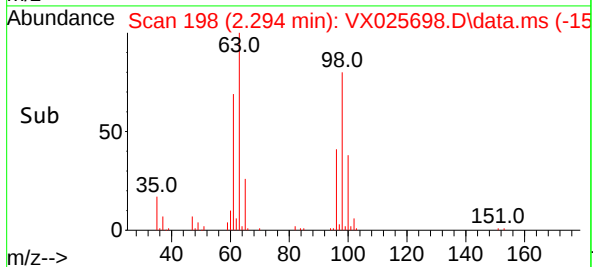
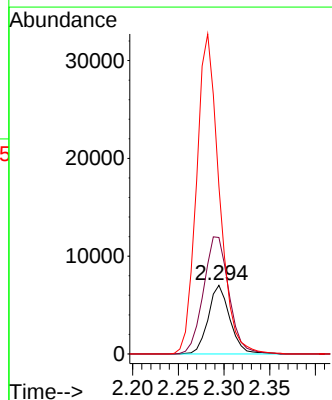
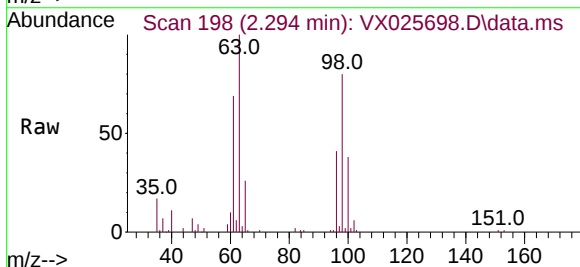
RT: 2.294 min Scan# 198

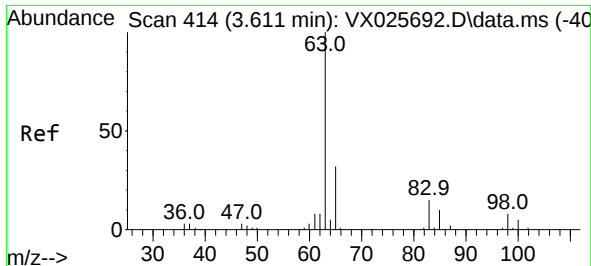
Delta R.T. -0.024 min

Lab File: VX025698.D

Acq: 10 Dec 2021 13:54

Tgt Ion:	96	Resp:	11570
Ion	Ratio	Lower	Upper
96	100		
61	169.5	108.7	201.9
63	244.1	76.3	141.7#





#19

1,1-Dichloroethane

Concen: 5.520 ug/L

RT: 3.611 min Scan# 41

Delta R.T. 0.000 min

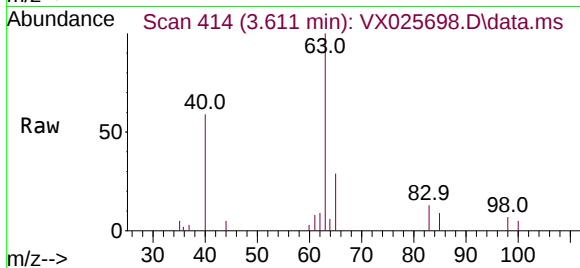
Lab File: VX025698.D

Acq: 10 Dec 2021 13:54

Instrument :

MSVOA_X

ClientSampleId :



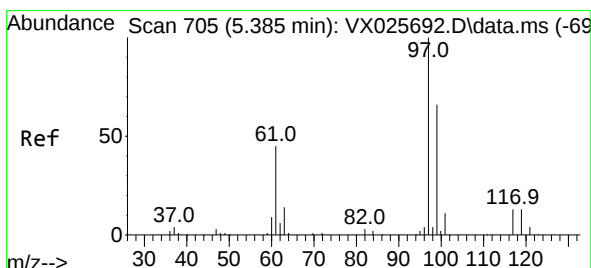
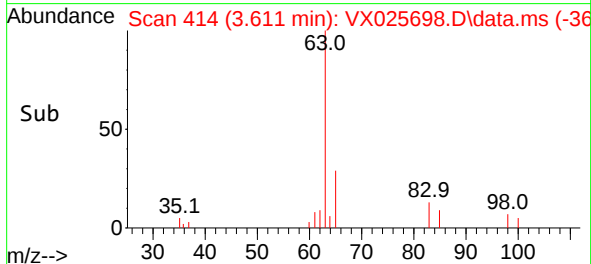
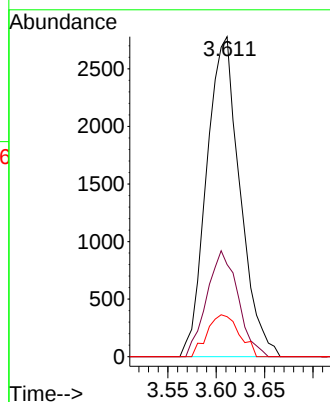
Tgt Ion: 63 Resp: 6663

Ion Ratio Lower Upper

63 100

65 28.8 22.2 41.2

83 12.5 10.2 19.0



#30

1,1,1-Trichloroethane

Concen: 78.110 ug/L

RT: 5.379 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX025698.D

Acq: 10 Dec 2021 13:54

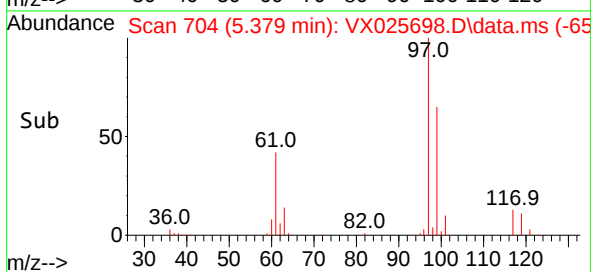
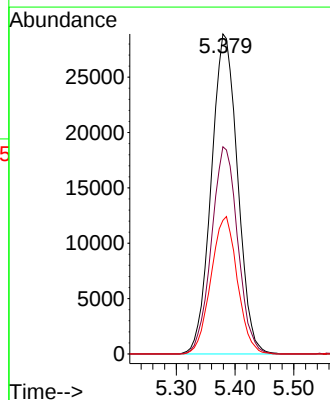
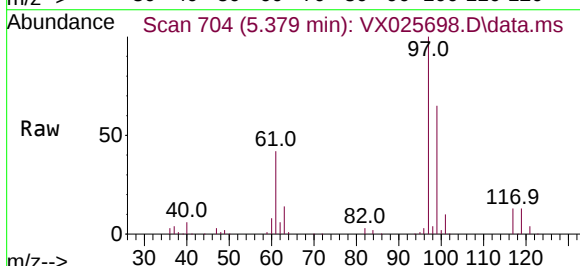
Tgt Ion: 97 Resp: 89913

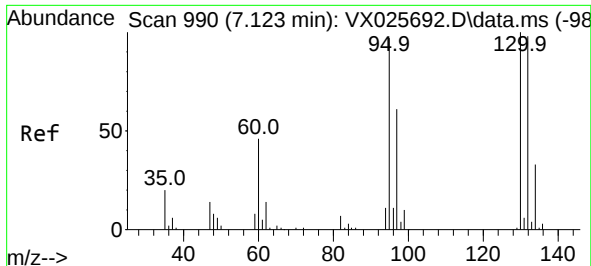
Ion Ratio Lower Upper

97 100

99 64.7 51.5 77.3

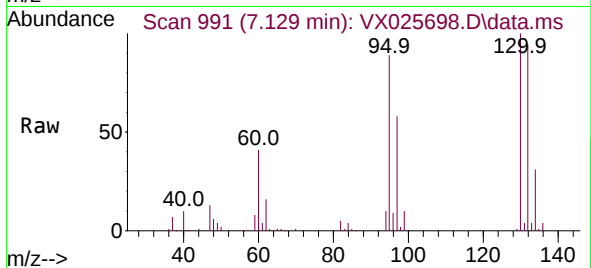
61 43.0 33.1 49.7





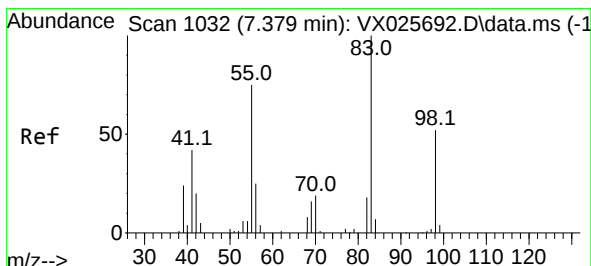
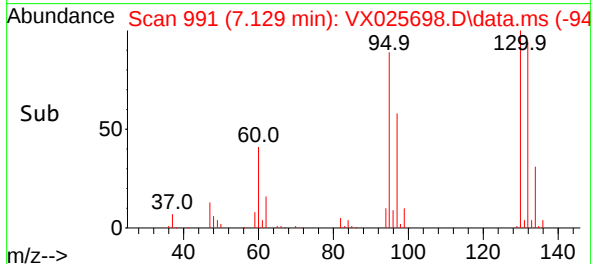
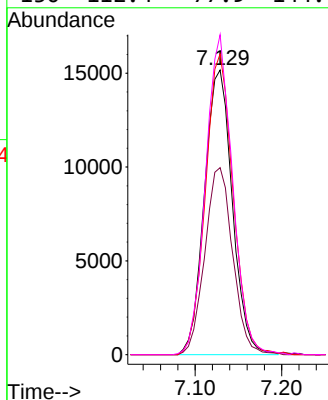
#34
 Trichloroethene
 Concen: 46.442 ug/L
 RT: 7.129 min Scan# 990
 Delta R.T. 0.006 min
 Lab File: VX025698.D
 Acq: 10 Dec 2021 13:54

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 95 Resp: 34028

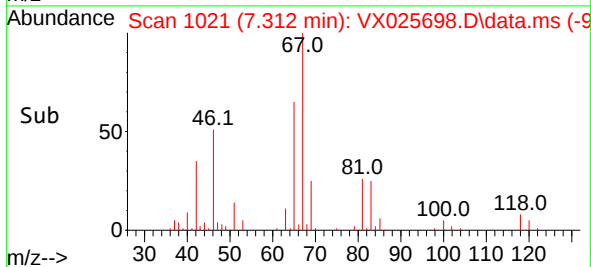
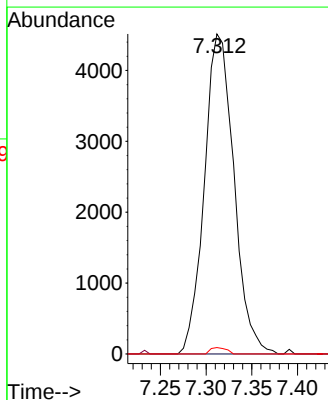
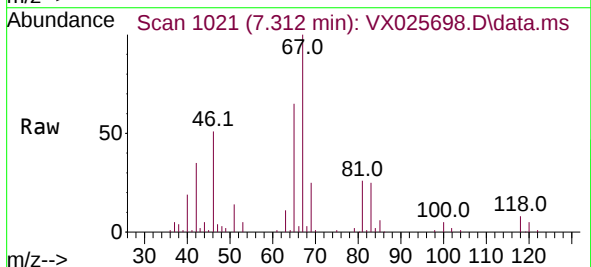
Ion	Ratio	Lower	Upper
95	100		
97	65.7	46.0	85.4
132	105.6	75.0	139.2
130	112.4	77.9	144.7

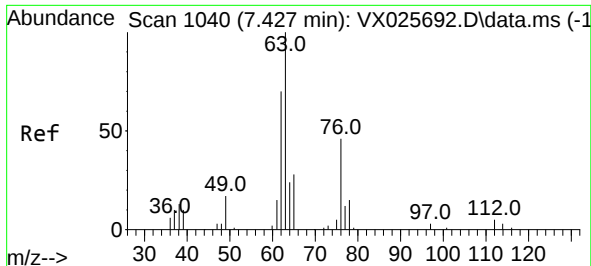


#35
 Methylcyclohexane
 Concen: 8.826 ug/L
 RT: 7.312 min Scan# 1021
 Delta R.T. -0.067 min
 Lab File: VX025698.D
 Acq: 10 Dec 2021 13:54

Tgt Ion: 83 Resp: 10178

Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.3	85.9#
98	1.1	41.1	61.7#





#37

1,2-Dichloropropane

Concen: 6.911 ug/L

RT: 7.318 min Scan# 1188

Delta R.T. -0.110 min

Lab File: VX025698.D

Acq: 10 Dec 2021 13:54

Instrument :

MSVOA_X

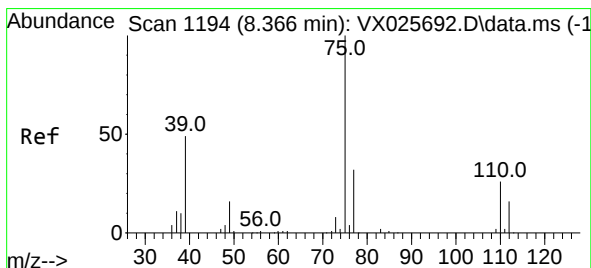
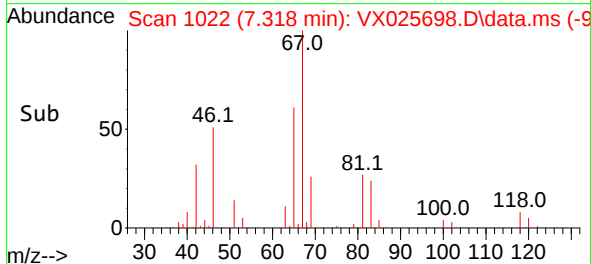
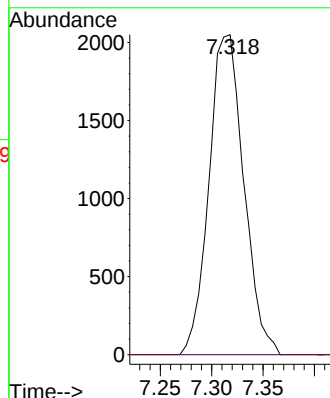
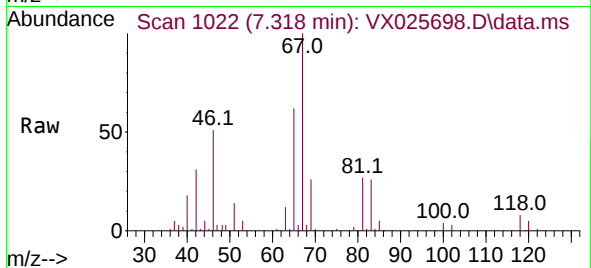
ClientSampleId :

Tgt Ion: 63 Resp: 4829

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#39

cis-1,3-Dichloropropene

Concen: 1.241 ug/L

RT: 8.330 min Scan# 1188

Delta R.T. -0.036 min

Lab File: VX025698.D

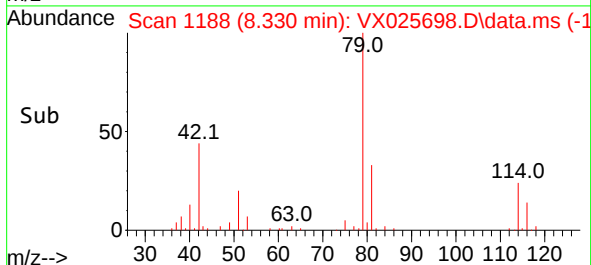
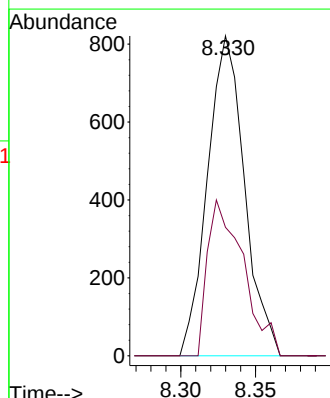
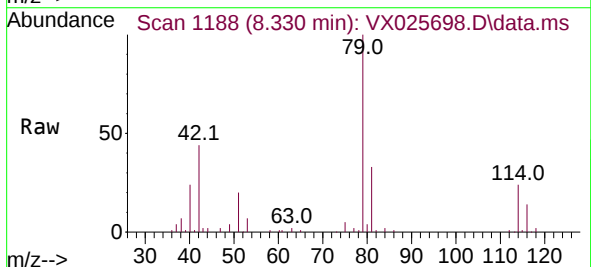
Acq: 10 Dec 2021 13:54

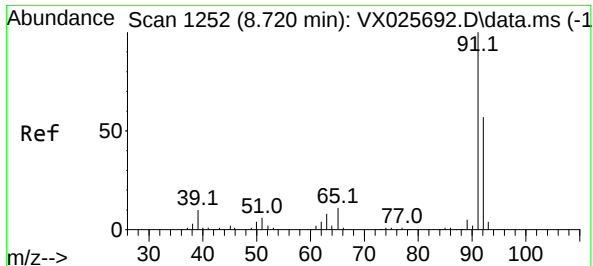
Tgt Ion: 75 Resp: 1412

Ion Ratio Lower Upper

75 100

77 40.2 22.3 41.3





#42

Toluene

Concen: 3.395 ug/L

RT: 8.720 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX025698.D

Acq: 10 Dec 2021 13:54

Instrument :

MSVOA_X

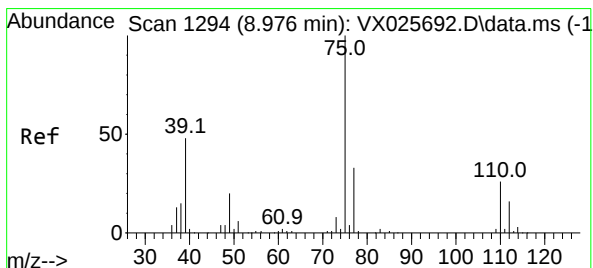
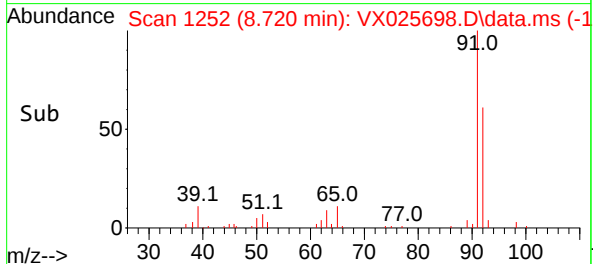
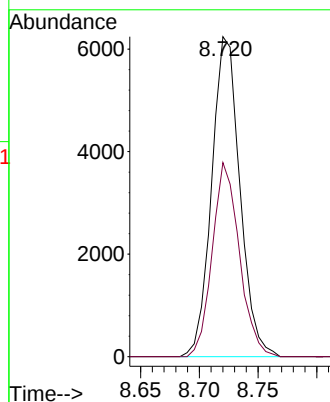
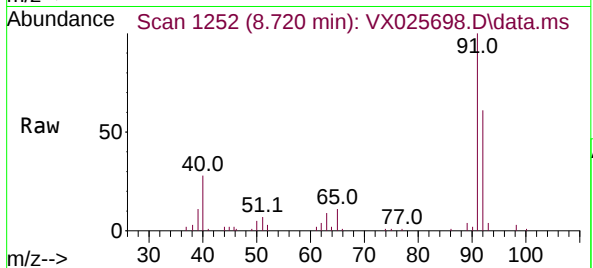
ClientSampleId :

Tgt Ion: 91 Resp: 10431

Ion Ratio Lower Upper

91 100

92 60.7 41.2 76.6



#44

trans-1,3-Dichloropropene

Concen: 0.816 ug/L

RT: 8.958 min Scan# 1291

Delta R.T. -0.018 min

Lab File: VX025698.D

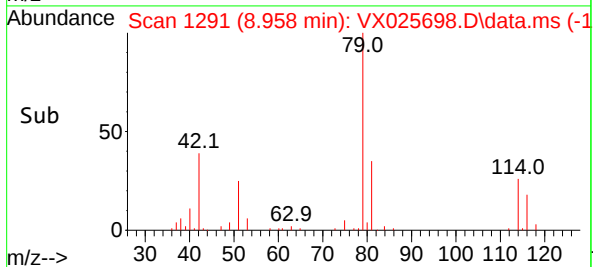
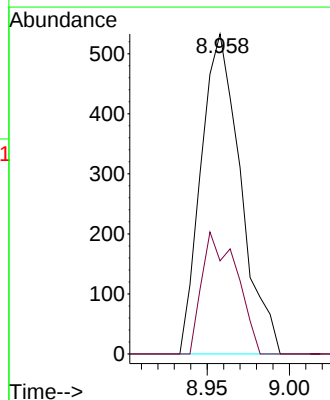
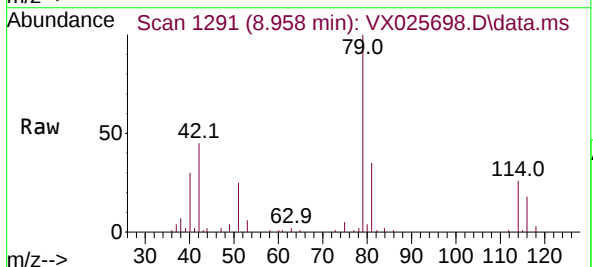
Acq: 10 Dec 2021 13:54

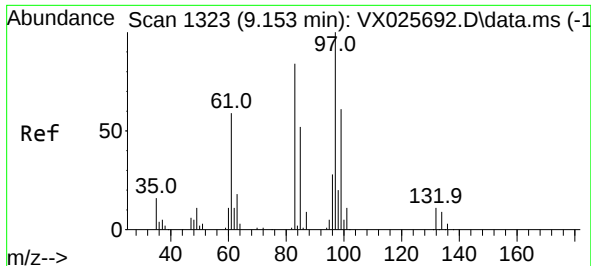
Tgt Ion: 75 Resp: 893

Ion Ratio Lower Upper

75 100

77 29.1 23.0 42.8





#45

1,1,2-Trichloroethane

Concen: 1.440 ug/L

RT: 9.275 min Scan# 1

Delta R.T. 0.122 min

Lab File: VX025698.D

Acq: 10 Dec 2021 13:54

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 1068

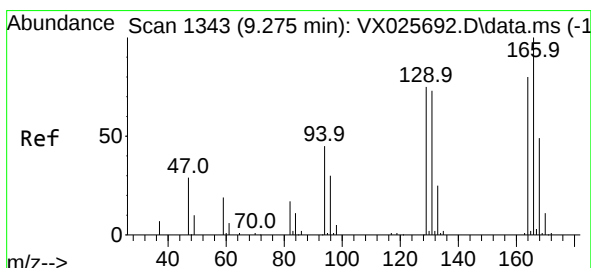
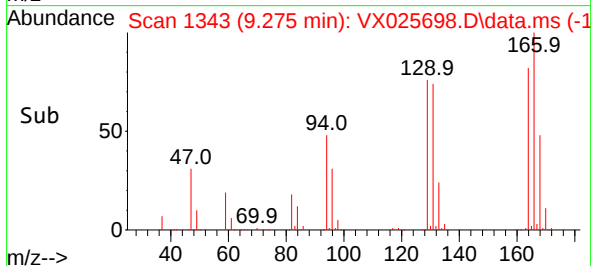
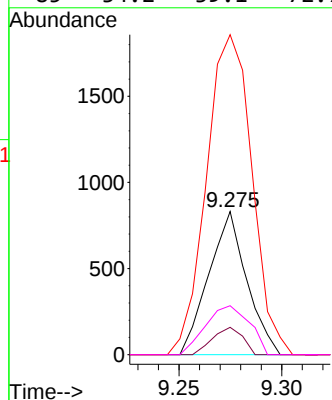
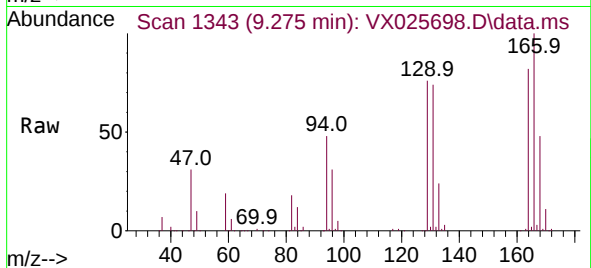
Ion Ratio Lower Upper

97 100

99 19.1 46.0 85.4#

83 223.6 59.6 110.8#

85 34.2 39.1 72.7#



#46

Tetrachloroethene

Concen: 199.211 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX025698.D

Acq: 10 Dec 2021 13:54

Tgt Ion:164 Resp: 123787

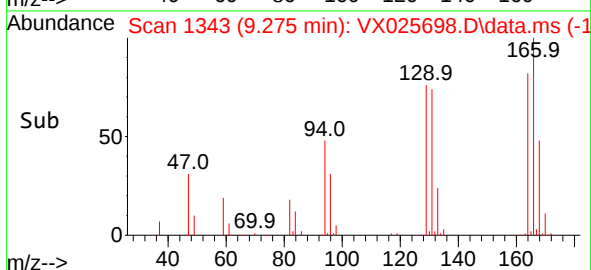
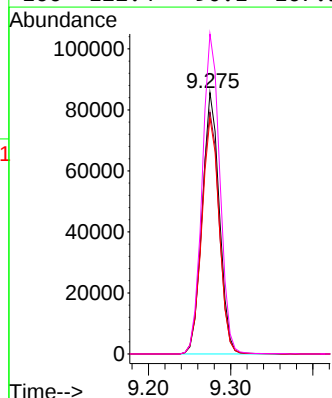
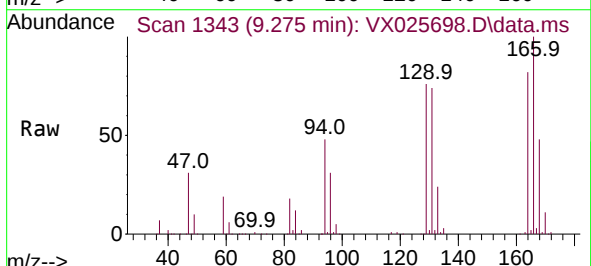
Ion Ratio Lower Upper

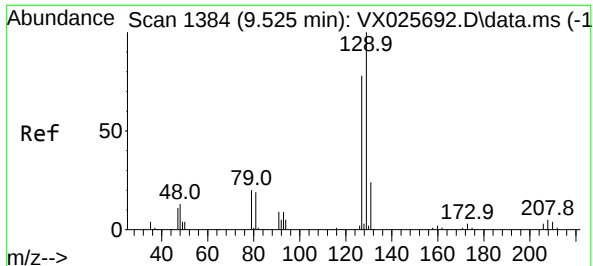
164 100

129 92.6 64.7 120.1

131 90.3 63.2 117.4

166 122.4 90.1 167.3





#49

Dibromochloromethane

Concen: 137.101 ug/L

RT: 9.275 min Scan# 11

Delta R.T. -0.250 min

Lab File: VX025698.D

Acq: 10 Dec 2021 13:54

Instrument :

MSVOA_X

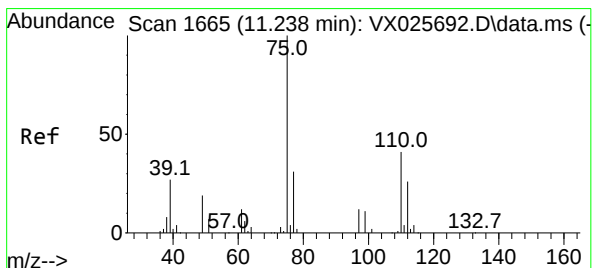
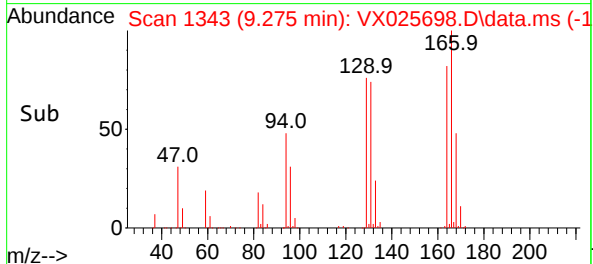
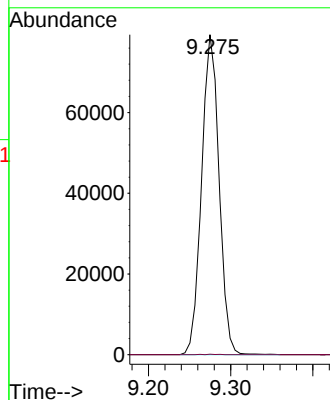
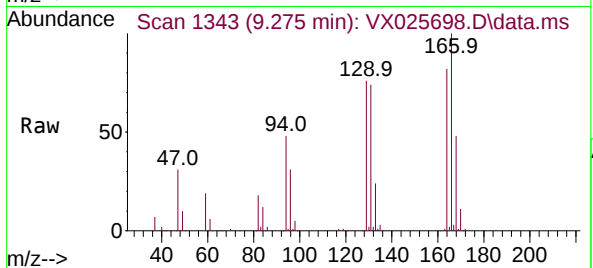
ClientSampleId :

Tgt Ion:129 Resp: 117170

Ion Ratio Lower Upper

129 100

127 0.1 52.4 97.2#



#61

1,2,3-Trichloropropane

Concen: 6.685 ug/L

RT: 12.024 min Scan# 1794

Delta R.T. 0.787 min

Lab File: VX025698.D

Acq: 10 Dec 2021 13:54

Tgt Ion: 75 Resp: 5637

Ion Ratio Lower Upper

75 100

77 33.5 25.8 38.8

110 2.8 34.7 52.1#

