

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121021\
 Data File : VX025714.D
 Acq On : 10 Dec 2021 20:21
 Operator : JC/MD
 Sample : M4981-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 11 01:03:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML112221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 11 00:48:07 2021
 Response via : Initial Calibration

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

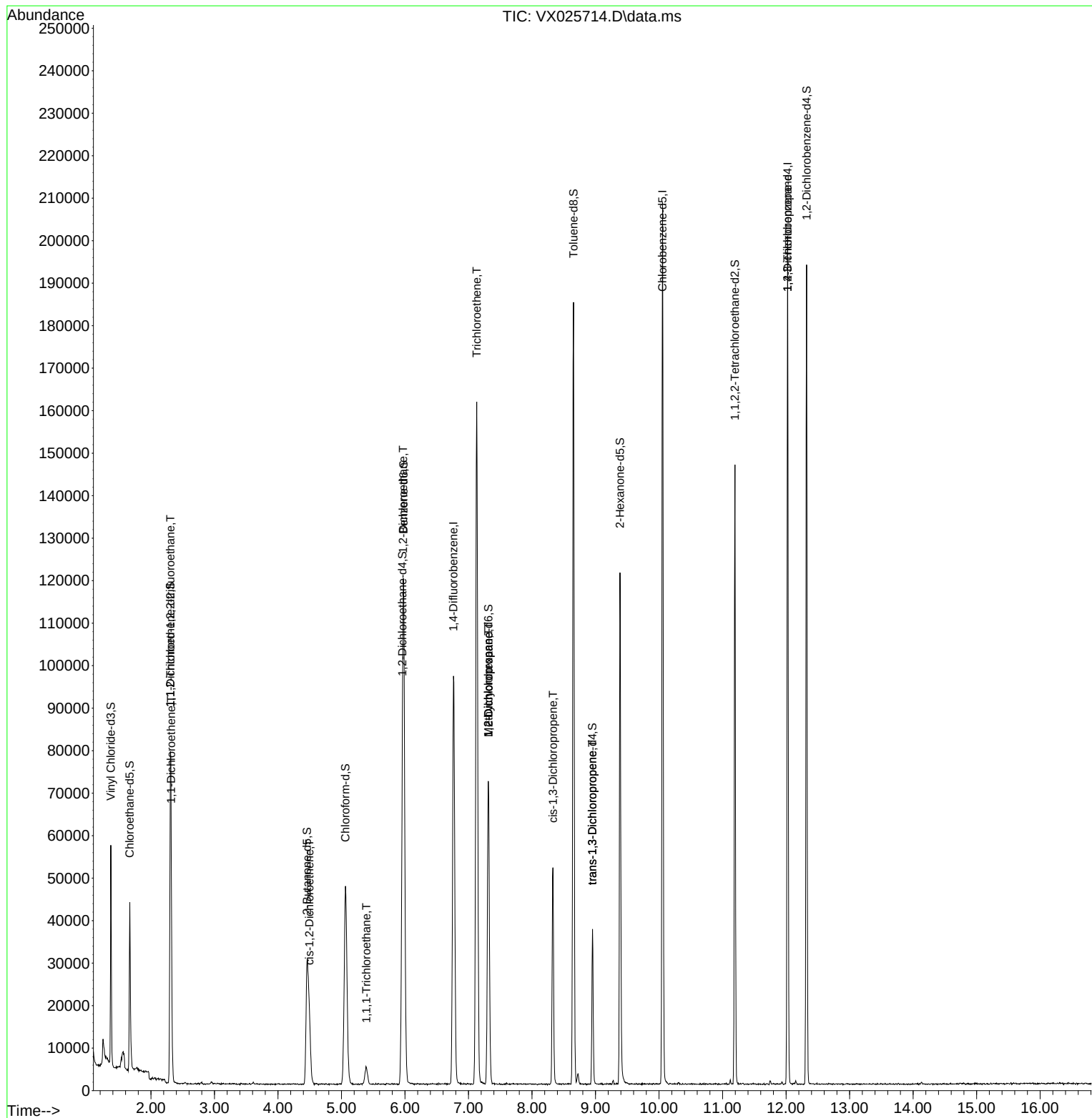
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	100204	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	93015	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	40802	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	29160	42.641	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.280%
7) Chloroethane-d5	1.666	69	25079	44.435	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.860%
11) 1,1-Dichloroethene-d2	2.306	63	43662	40.044	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.080%
21) 2-Butanone-d5	4.458	46	48807	95.878	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.880%
24) Chloroform-d	5.062	84	57504	48.114	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.220%
26) 1,2-Dichloroethane-d4	5.958	65	38482	51.656	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.320%
32) Benzene-d6	5.976	84	117072	47.490	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.980%
36) 1,2-Dichloropropane-d6	7.312	67	35495	46.505	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.000%
41) Toluene-d8	8.653	98	107828	46.341	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.680%
43) trans-1,3-Dichloroprop...	8.951	79	16418	42.785	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.560%
47) 2-Hexanone-d5	9.384	63	34489	86.808	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.810%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	50312	46.642	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.280%
66) 1,2-Dichlorobenzene-d4	12.323	152	38580	48.209	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.420%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.306	101	489	0.842	ug/L #	17
12) 1,1-Dichloroethene	2.319	96	3641	6.767	ug/L #	1
20) cis-1,2-Dichloroethene	4.495	96	7566	11.083	ug/L	98
27) 1,2-Dichloroethane	5.970	62	684	0.833	ug/L #	73
30) 1,1,1-Trichloroethane	5.391	97	4230	4.120	ug/L	97
34) Trichloroethene	7.129	95	59318	90.759	ug/L	95
35) Methylcyclohexane	7.312	83	8988	8.737	ug/L #	20
37) 1,2-Dichloropropane	7.312	63	4151	6.660	ug/L #	85
39) cis-1,3-Dichloropropene	8.330	75	1227	1.209	ug/L #	77
44) trans-1,3-Dichloropropene	8.951	75	889	0.911	ug/L #	79
61) 1,2,3-Trichloropropane	12.024	75	4951	7.093	ug/L #	62

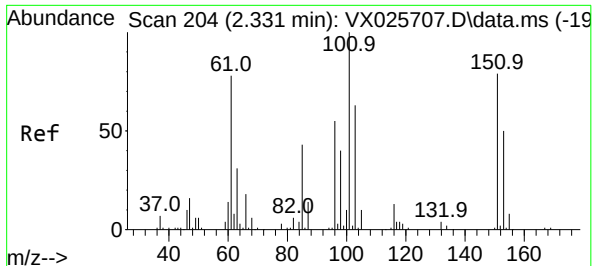
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Dec 11 00:48:07 2021
Response via : Initial Calibration





#10

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

Concen: 0.842 ug/L

RT: 2.306 min Scan# 204

Delta R.T. -0.025 min

Lab File: VX025714.D

Acq: 10 Dec 2021 20:21

Instrument :

MSVOA_X

ClientSampleId :

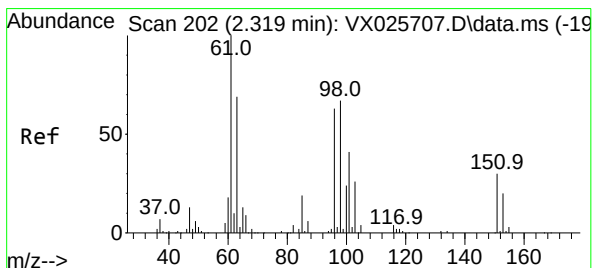
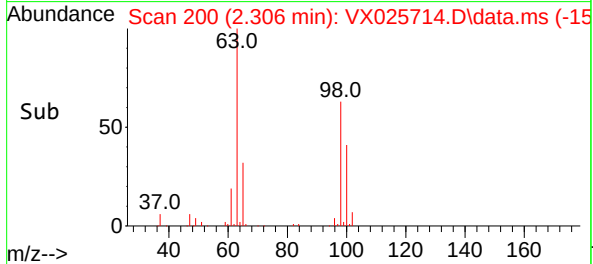
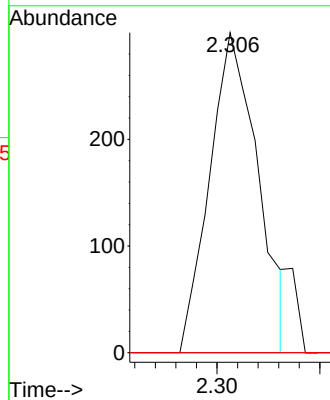
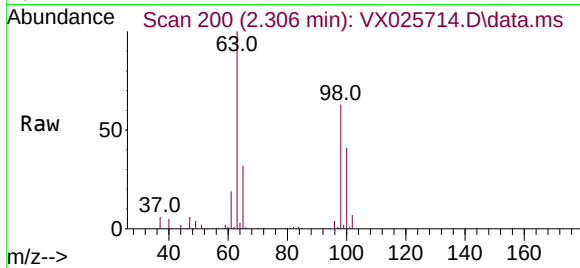
Tgt Ion:101 Resp: 489

Ion Ratio Lower Upper

101 100

85 0.0 34.3 51.5#

151 0.0 65.2 97.8#



#12

1,1-Dichloroethene

Concen: 6.767 ug/L

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX025714.D

Acq: 10 Dec 2021 20:21

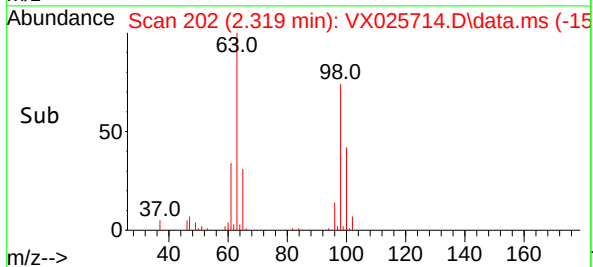
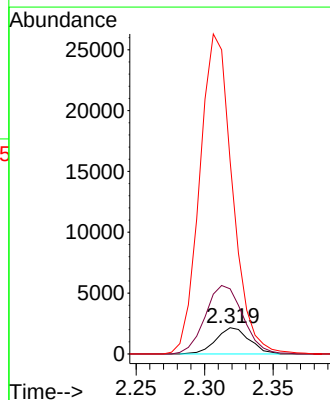
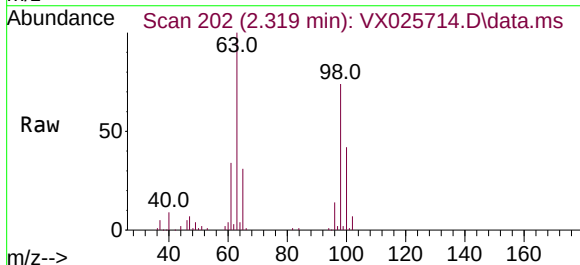
Tgt Ion: 96 Resp: 3641

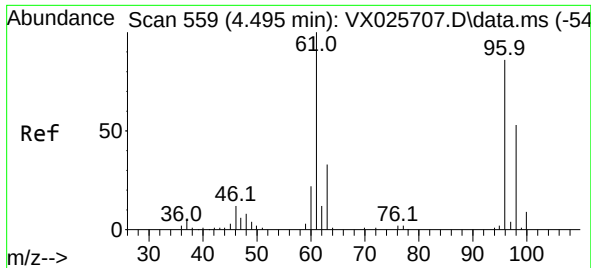
Ion Ratio Lower Upper

96 100

61 247.8 108.7 201.9#

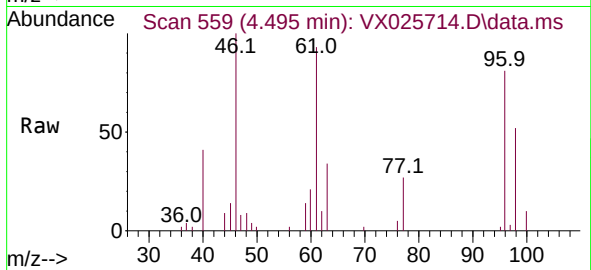
63 734.4 76.3 141.7#



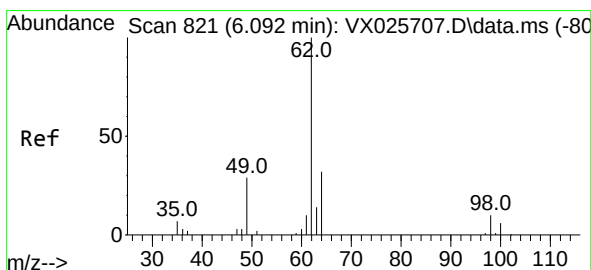
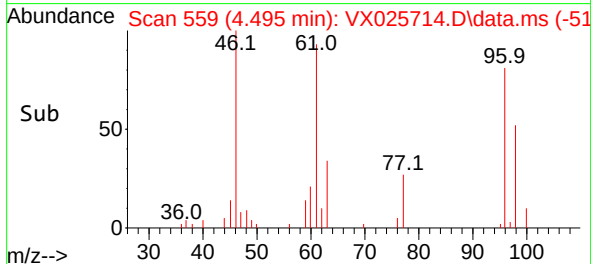
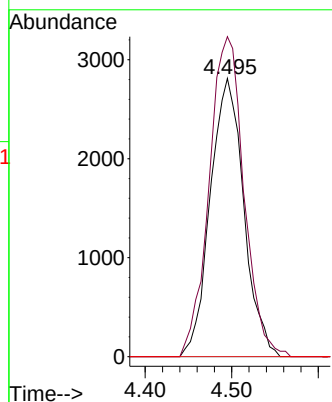


#20
 cis-1,2-Dichloroethene
 Concen: 11.083 ug/L
 RT: 4.495 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VX025714.D
 Acq: 10 Dec 2021 20:21

Instrument :
 MSVOA_X
 ClientSampleId :

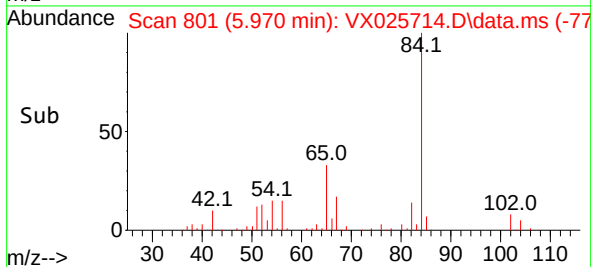
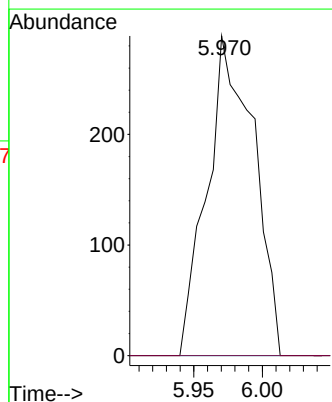
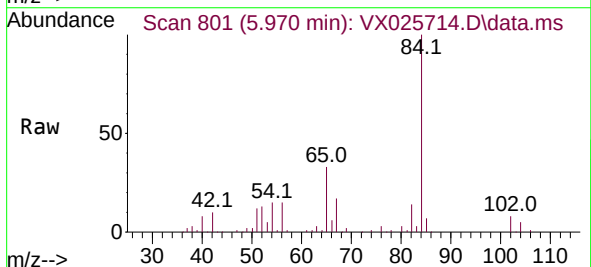


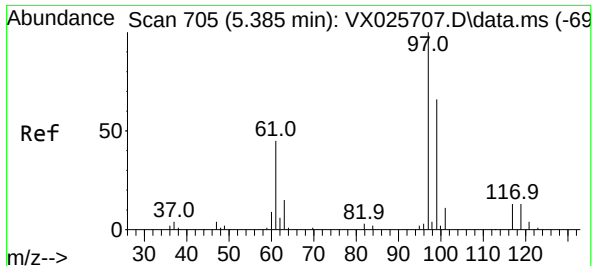
Tgt Ion: 96 Resp: 7566
 Ion Ratio Lower Upper
 96 100
 61 115.0 82.3 152.8
 68 0.0 0.0 0.0



#27
 1,2-Dichloroethane
 Concen: 0.833 ug/L
 RT: 5.970 min Scan# 801
 Delta R.T. -0.122 min
 Lab File: VX025714.D
 Acq: 10 Dec 2021 20:21

Tgt Ion: 62 Resp: 684
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.2 12.2#





#30

1,1,1-Trichloroethane

Concen: 4.120 ug/L

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX025714.D

Acq: 10 Dec 2021 20:21

Instrument :

MSVOA_X

ClientSampleId :

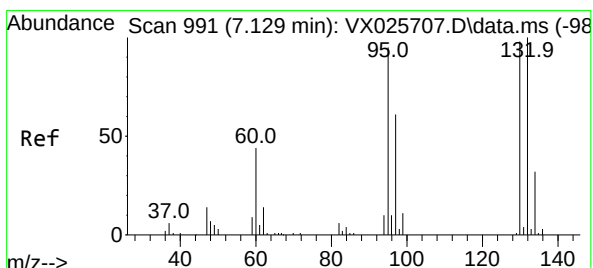
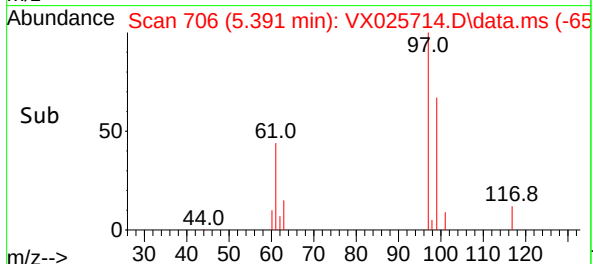
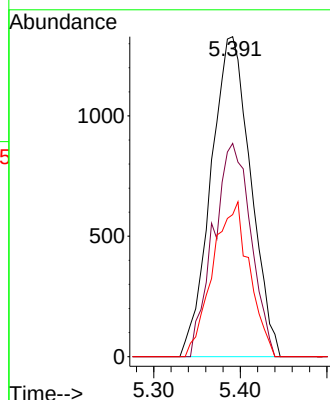
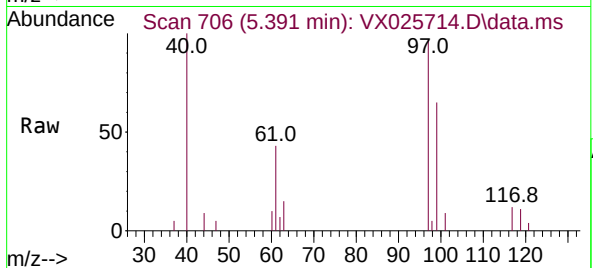
Tgt Ion: 97 Resp: 4230

Ion Ratio Lower Upper

97 100

99 62.9 51.5 77.3

61 44.8 33.1 49.7



#34

Trichloroethene

Concen: 90.759 ug/L

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX025714.D

Acq: 10 Dec 2021 20:21

Tgt Ion: 95 Resp: 59318

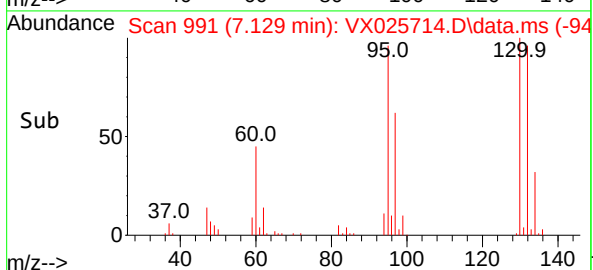
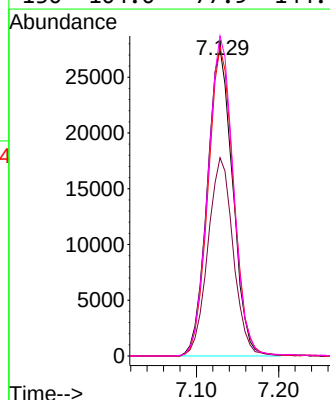
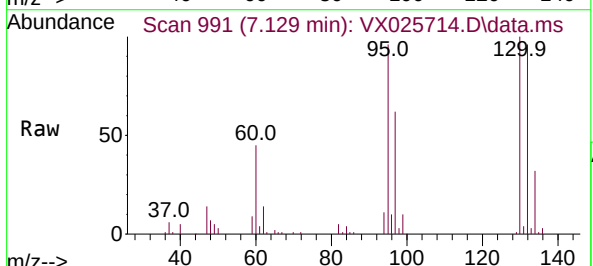
Ion Ratio Lower Upper

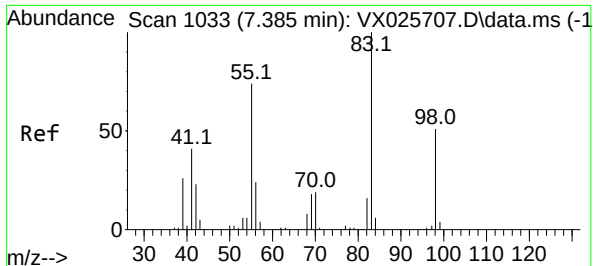
95 100

97 64.4 46.0 85.4

132 100.4 75.0 139.2

130 104.0 77.9 144.7





#35

Methylcyclohexane

Concen: 8.737 ug/L

RT: 7.312 min Scan# 1021

Delta R.T. -0.073 min

Lab File: VX025714.D

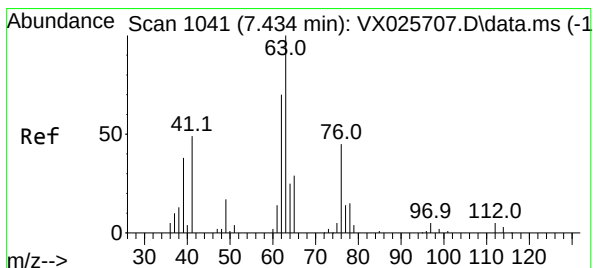
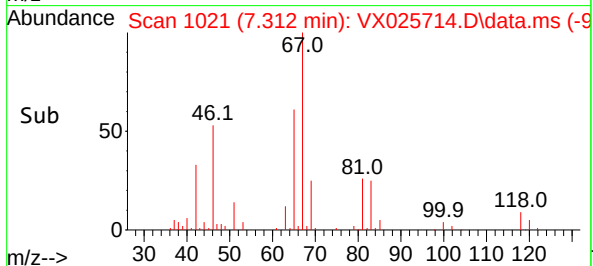
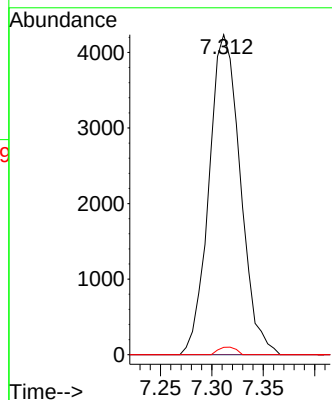
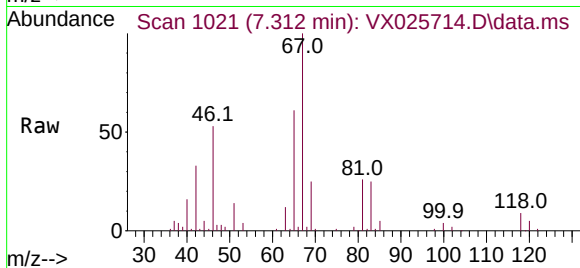
Acq: 10 Dec 2021 20:21

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 83	Resp: 8988
Ion Ratio	Lower Upper
83 100	
55 0.0	57.3 85.9#
98 1.3	41.1 61.7#



#37

1,2-Dichloropropane

Concen: 6.660 ug/L

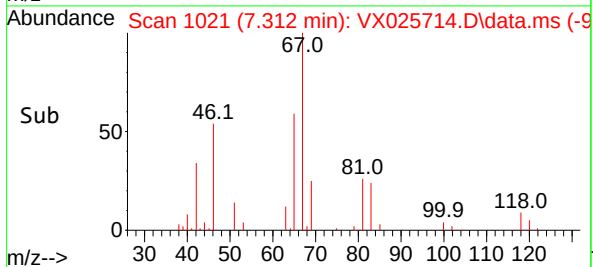
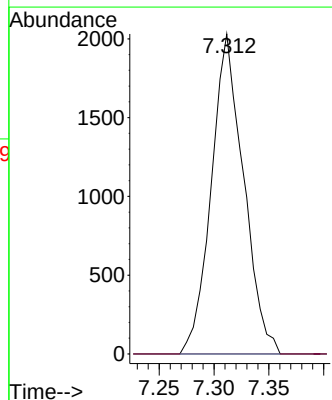
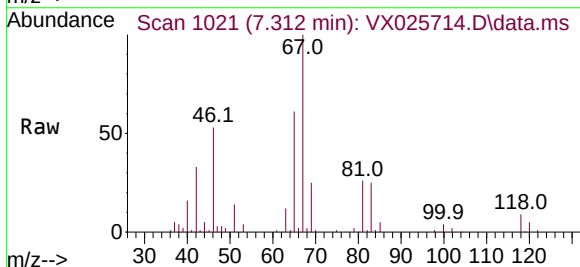
RT: 7.312 min Scan# 1021

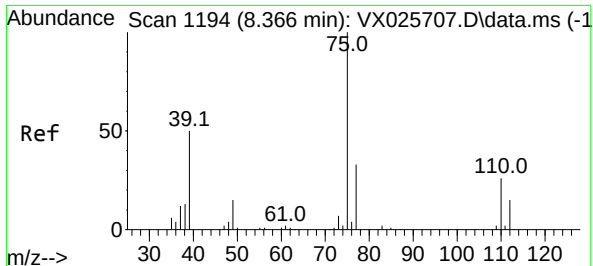
Delta R.T. -0.122 min

Lab File: VX025714.D

Acq: 10 Dec 2021 20:21

Tgt Ion: 63	Resp: 4151
Ion Ratio	Lower Upper
63 100	
112 0.0	4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 1.209 ug/L

RT: 8.330 min Scan# 1194

Delta R.T. -0.037 min

Lab File: VX025714.D

Acq: 10 Dec 2021 20:21

Instrument :

MSVOA_X

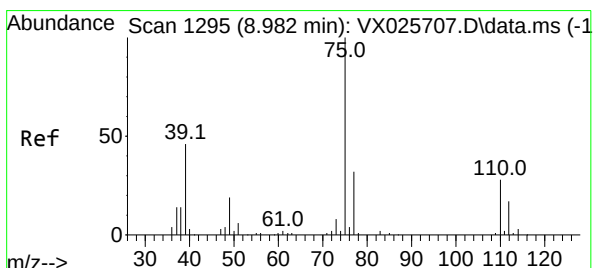
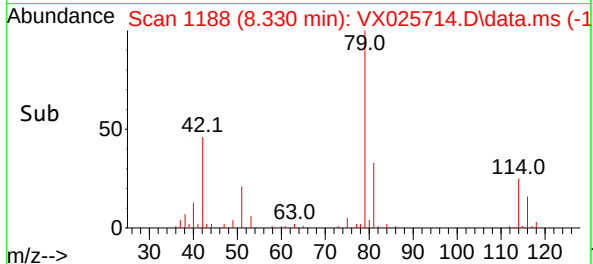
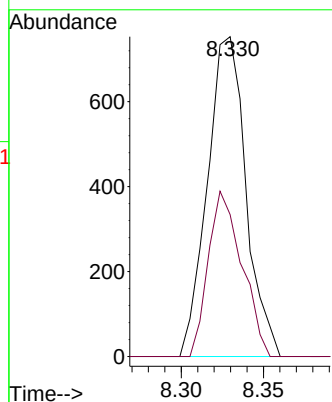
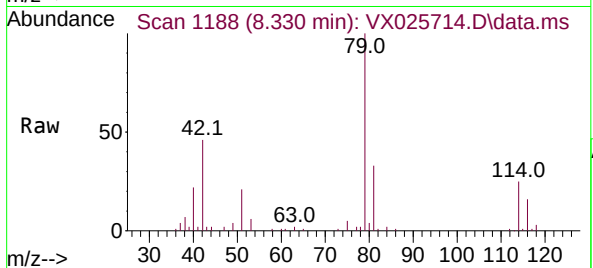
ClientSampleId :

Tgt Ion: 75 Resp: 1227

Ion Ratio Lower Upper

75 100

77 44.4 22.3 41.3#



#44

trans-1,3-Dichloropropene

Concen: 0.911 ug/L

RT: 8.951 min Scan# 1290

Delta R.T. -0.031 min

Lab File: VX025714.D

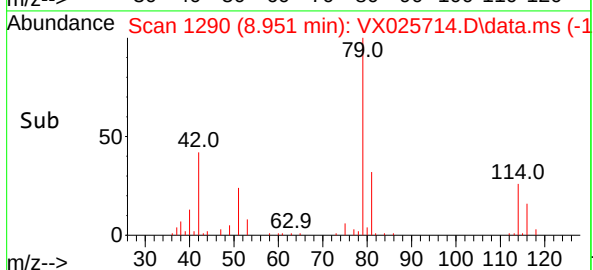
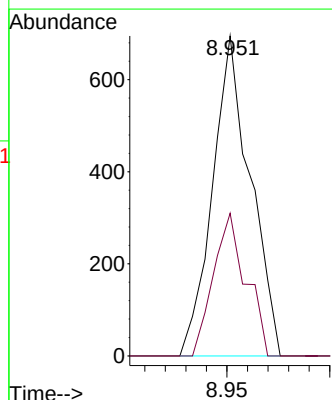
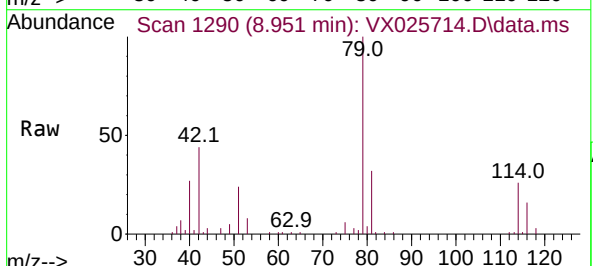
Acq: 10 Dec 2021 20:21

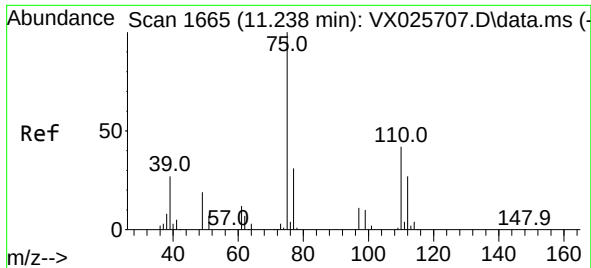
Tgt Ion: 75 Resp: 889

Ion Ratio Lower Upper

75 100

77 44.6 23.0 42.8#





#61

1,2,3-Trichloropropane

Concen: 7.093 ug/L

RT: 12.024 min Scan# 11

Delta R.T. 0.786 min

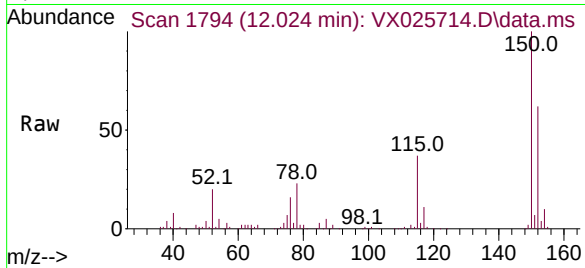
Lab File: VX025714.D

Acq: 10 Dec 2021 20:21

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 75 Resp: 4951

Ion Ratio Lower Upper

75 100

77 30.2 25.8 38.8

110 2.4 34.7 52.1#

