

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121021\
 Data File : VX025718.D
 Acq On : 10 Dec 2021 21:54
 Operator : JC/MD
 Sample : M4981-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 11 01:04:42 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)

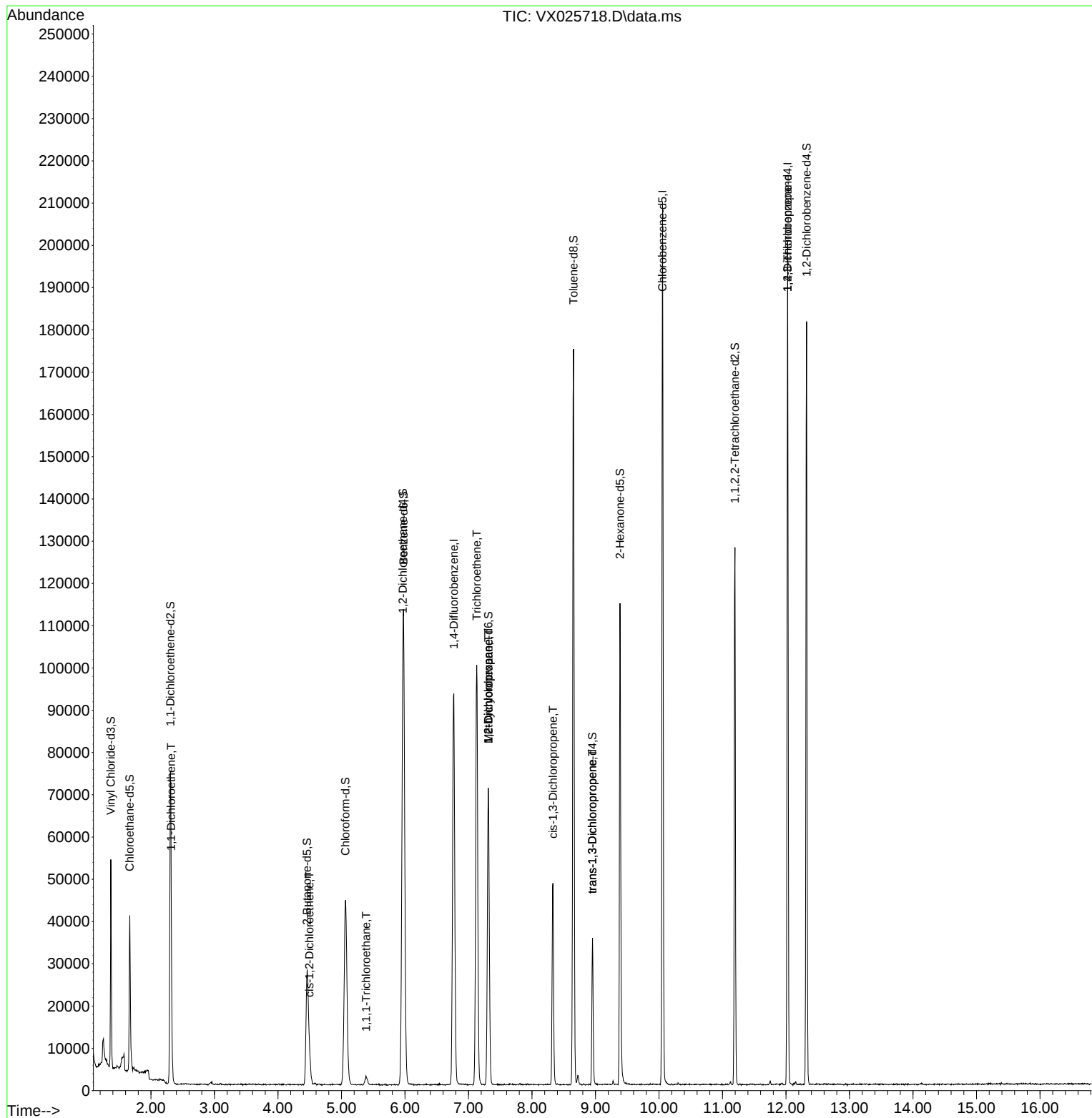
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	97927	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	92207	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	39982	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	27322	40.882	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.760%
7) Chloroethane-d5	1.666	69	24120	43.729	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.460%
11) 1,1-Dichloroethene-d2	2.307	63	40404	37.917	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.840%
21) 2-Butanone-d5	4.459	46	46291	93.050	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.050%
24) Chloroform-d	5.062	84	54942	47.039	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.080%
26) 1,2-Dichloroethane-d4	5.964	65	37049	50.889	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.780%
32) Benzene-d6	5.977	84	111650	45.688	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.380%
36) 1,2-Dichloropropane-d6	7.312	67	34098	45.066	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.140%
41) Toluene-d8	8.653	98	102802	44.568	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.140%
43) trans-1,3-Dichloroprop...	8.952	79	15804	41.546	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.100%
47) 2-Hexanone-d5	9.385	63	31993	81.231	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.230%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	47814	44.714	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.420%
66) 1,2-Dichlorobenzene-d4	12.323	152	36022	45.936	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.880%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.319	96	1847	3.512	ug/L #	1
20) cis-1,2-Dichloroethene	4.495	96	2699	4.046	ug/L	98
30) 1,1,1-Trichloroethane	5.385	97	2022	1.986	ug/L #	89
34) Trichloroethene	7.129	95	36709	56.659	ug/L	95
35) Methylcyclohexane	7.312	83	8384	8.222	ug/L #	19
37) 1,2-Dichloropropane	7.312	63	3900	6.312	ug/L #	85
39) cis-1,3-Dichloropropene	8.330	75	1197	1.189	ug/L #	75
44) trans-1,3-Dichloropropene	8.952	75	832	0.860	ug/L	88
61) 1,2,3-Trichloropropane	12.024	75	4840	7.076	ug/L #	62

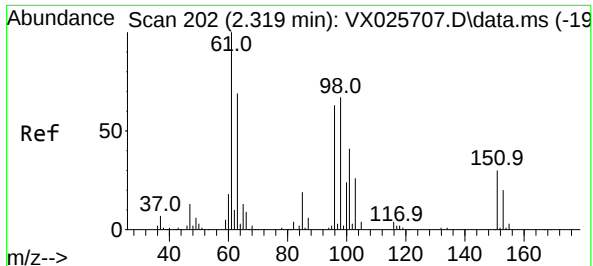
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 3.512 ug/L

RT: 2.319 min Scan# 20

Delta R.T. 0.000 min

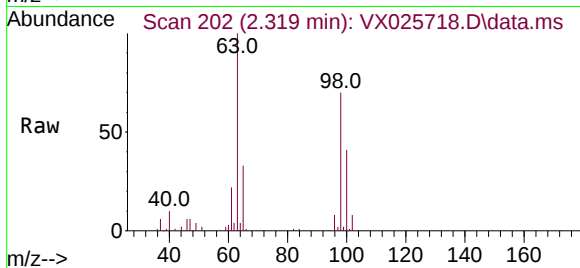
Lab File: VX025718.D

Acq: 10 Dec 2021 21:54

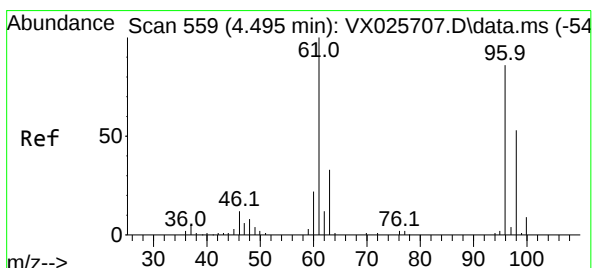
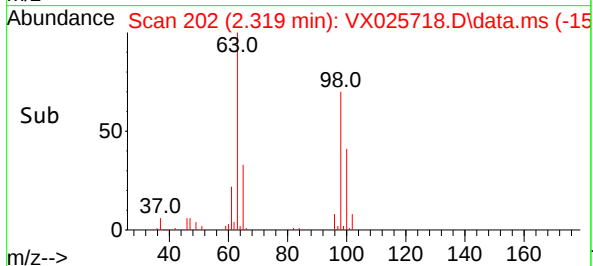
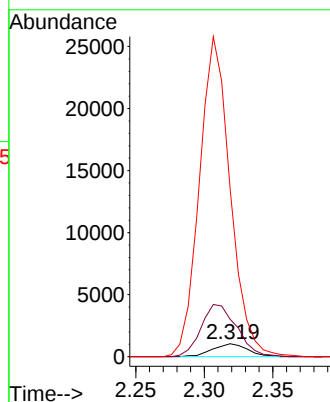
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	96	Resp:	1847
Ion	Ratio	Lower	Upper
96	100		
61	289.3	108.7	201.9#
63	1298.1	76.3	141.7#



#20

cis-1,2-Dichloroethene

Concen: 4.046 ug/L

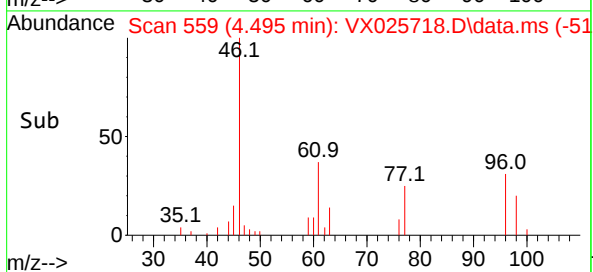
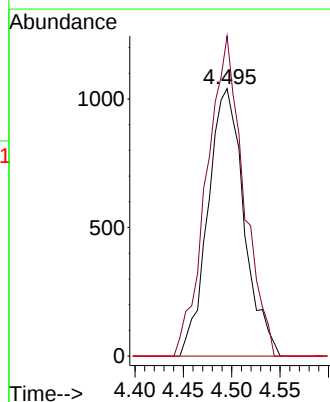
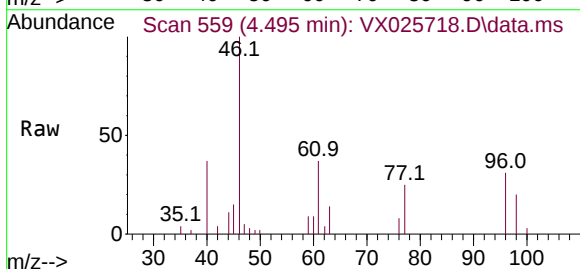
RT: 4.495 min Scan# 559

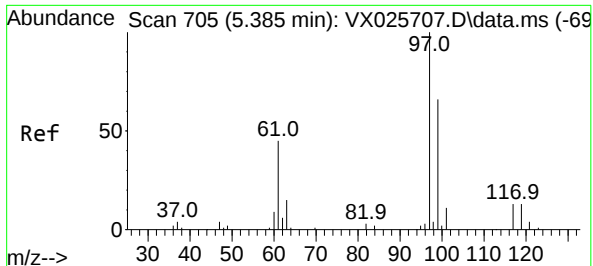
Delta R.T. 0.000 min

Lab File: VX025718.D

Acq: 10 Dec 2021 21:54

Tgt Ion:	96	Resp:	2699
Ion	Ratio	Lower	Upper
96	100		
61	119.7	82.3	152.8
68	0.0	0.0	0.0





#30

1,1,1-Trichloroethane

Concen: 1.986 ug/L

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

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Acq: 10 Dec 2021 21:54

Instrument :

MSVOA_X

ClientSampleId :

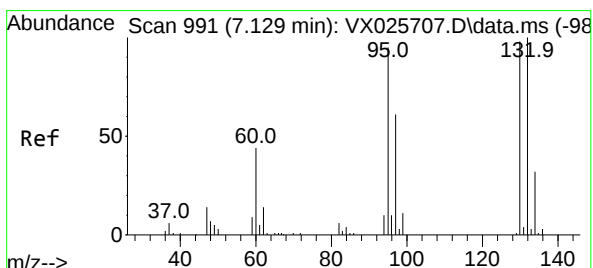
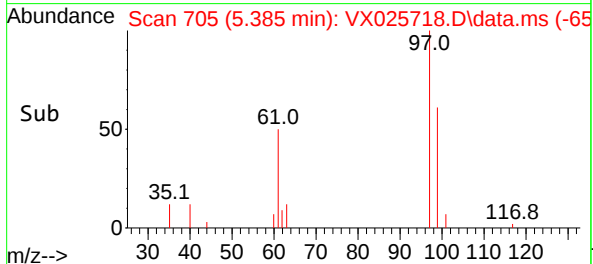
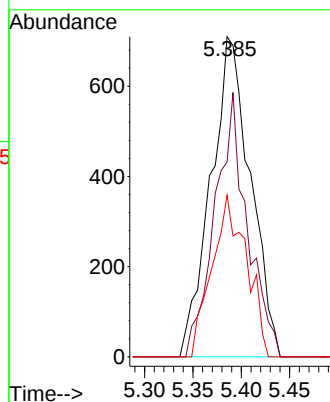
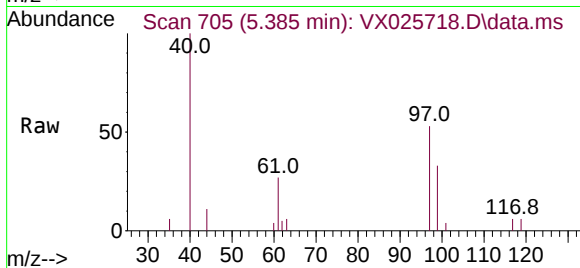
Tgt Ion: 97 Resp: 2022

Ion Ratio Lower Upper

97 100

99 67.3 51.5 77.3

61 27.5 33.1 49.7#



#34

Trichloroethene

Concen: 56.659 ug/L

RT: 7.129 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX025718.D

Acq: 10 Dec 2021 21:54

Tgt Ion: 95 Resp: 36709

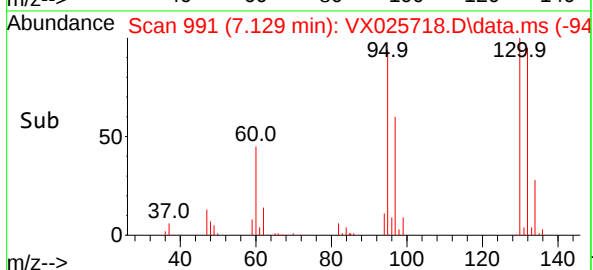
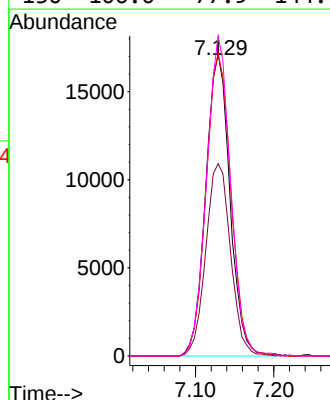
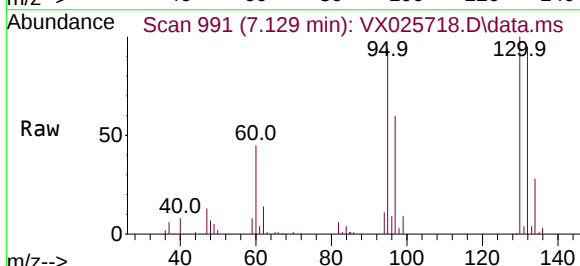
Ion Ratio Lower Upper

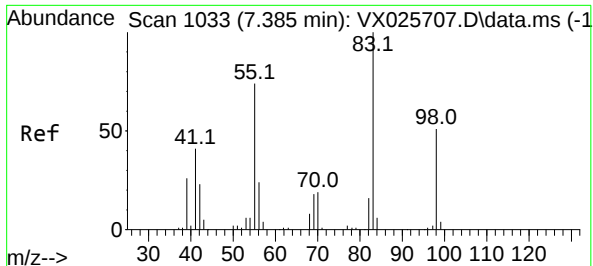
95 100

97 63.7 46.0 85.4

132 100.3 75.0 139.2

130 106.0 77.9 144.7





#35

Methylcyclohexane

Concen: 8.222 ug/L

RT: 7.312 min Scan# 1021

Delta R.T. -0.073 min

Lab File: VX025718.D

Acq: 10 Dec 2021 21:54

Instrument :

MSVOA_X

ClientSampleId :

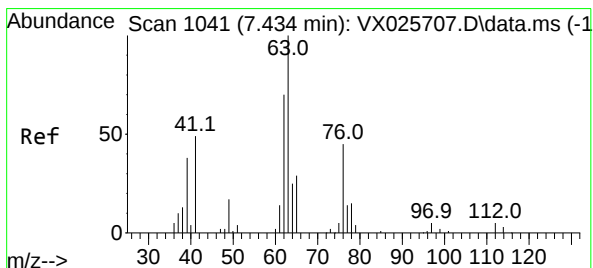
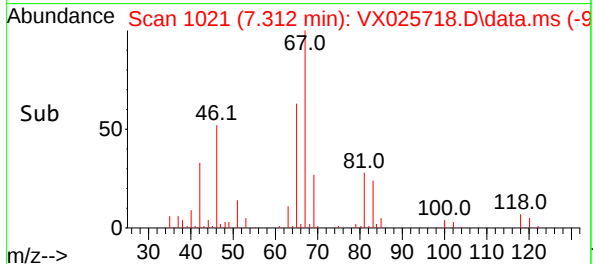
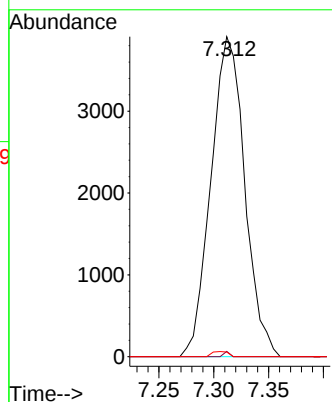
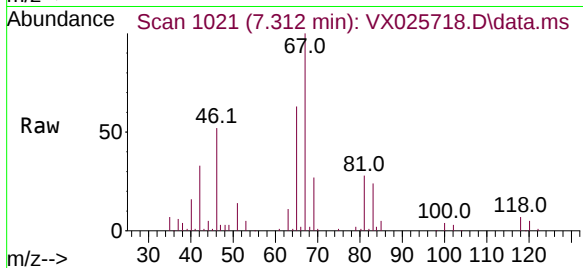
Tgt Ion: 83 Resp: 8384

Ion Ratio Lower Upper

83 100

55 0.0 57.3 85.9#

98 0.0 41.1 61.7#



#37

1,2-Dichloropropane

Concen: 6.312 ug/L

RT: 7.312 min Scan# 1021

Delta R.T. -0.122 min

Lab File: VX025718.D

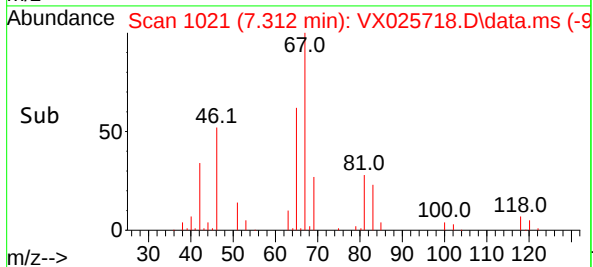
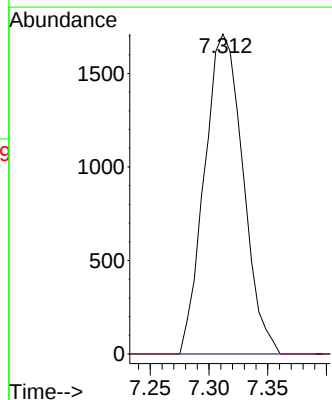
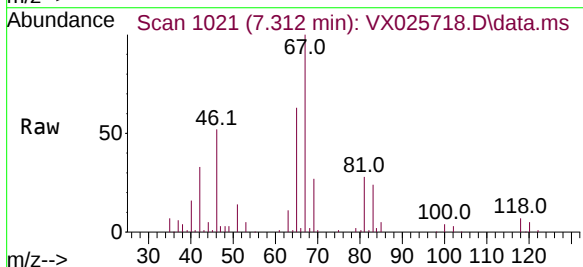
Acq: 10 Dec 2021 21:54

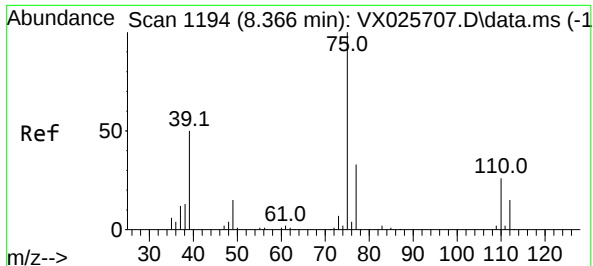
Tgt Ion: 63 Resp: 3900

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 1.189 ug/L

RT: 8.330 min Scan# 1197

Delta R.T. -0.037 min

Lab File: VX025718.D

Acq: 10 Dec 2021 21:54

Instrument :

MSVOA_X

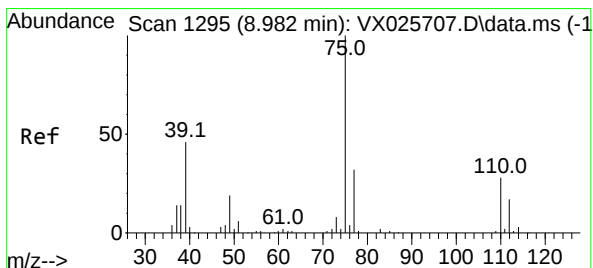
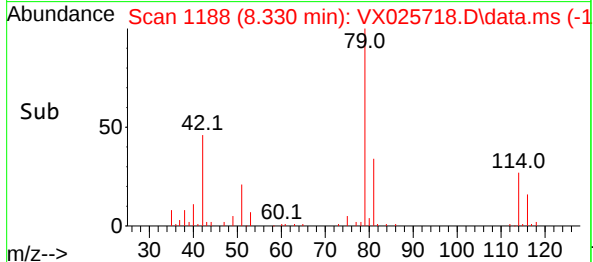
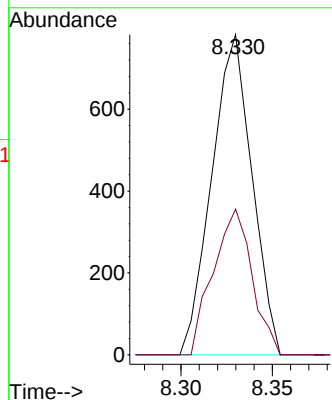
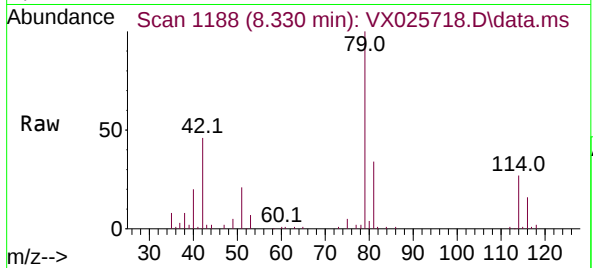
ClientSampleId :

Tgt Ion: 75 Resp: 1197

Ion Ratio Lower Upper

75 100

77 45.5 22.3 41.3#



#44

trans-1,3-Dichloropropene

Concen: 0.860 ug/L

RT: 8.952 min Scan# 1290

Delta R.T. -0.030 min

Lab File: VX025718.D

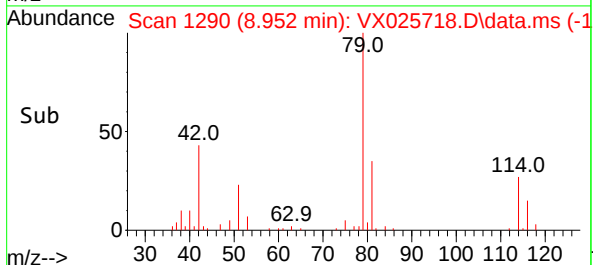
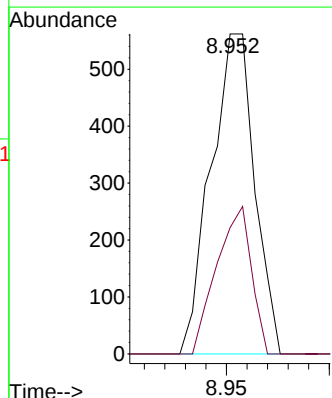
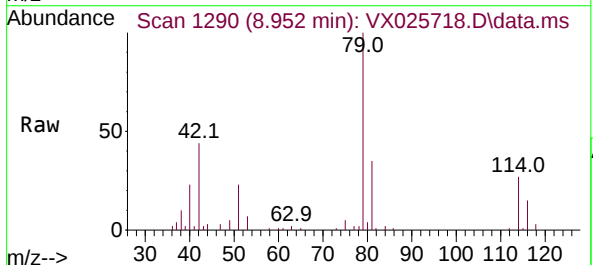
Acq: 10 Dec 2021 21:54

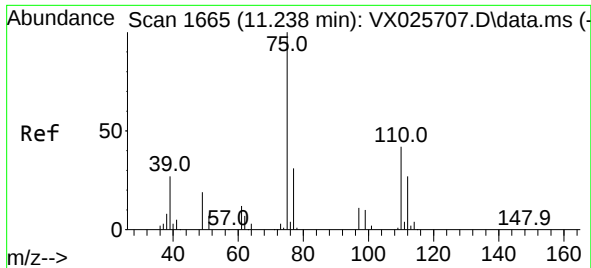
Tgt Ion: 75 Resp: 832

Ion Ratio Lower Upper

75 100

77 39.5 23.0 42.8





#61

1,2,3-Trichloropropane

Concen: 7.076 ug/L

RT: 12.024 min Scan# 11

Delta R.T. 0.786 min

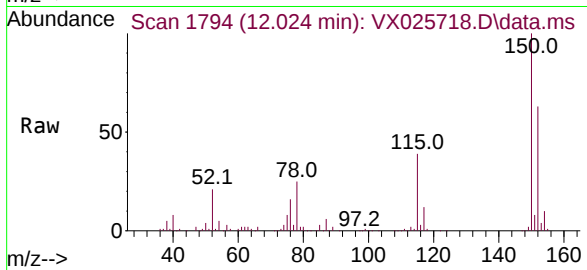
Lab File: VX025718.D

Acq: 10 Dec 2021 21:54

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 75	Resp:	4840
Ion Ratio	Lower	Upper
75	100	
77	34.3	25.8 38.8
110	3.0	34.7 52.1#

