

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121021\
 Data File : VX025720.D
 Acq On : 10 Dec 2021 22:41
 Operator : JC/MD
 Sample : M4981-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 11 01:05:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM112221WMA.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)

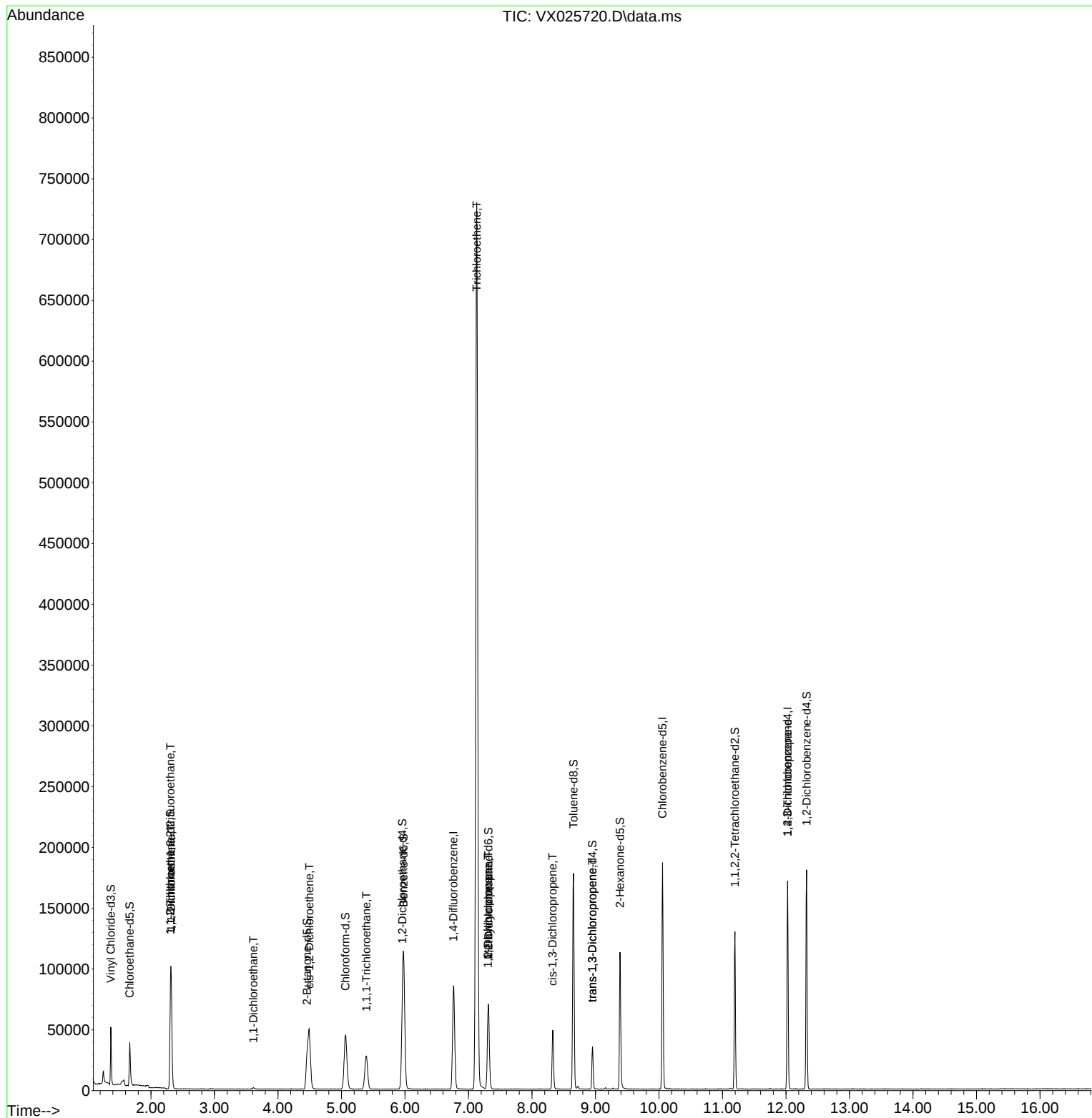
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	88527	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	81255	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	35775	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	27450	45.435	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.880%
7) Chloroethane-d5	1.666	69	23969	48.070	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.140%
11) 1,1-Dichloroethene-d2	2.307	63	48621	50.473	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.940%
21) 2-Butanone-d5	4.459	46	45641	101.485	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.480%
24) Chloroform-d	5.062	84	56156	53.184	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.360%
26) 1,2-Dichloroethane-d4	5.958	65	36594	55.601	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.200%
32) Benzene-d6	5.977	84	113021	52.482	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.960%
36) 1,2-Dichloropropane-d6	7.312	67	33883	50.818	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.640%
41) Toluene-d8	8.653	98	104530	51.425	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.840%
43) trans-1,3-Dichloroprop...	8.952	79	16163	48.216	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.440%
47) 2-Hexanone-d5	9.385	63	32147	92.624	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.620%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	48862	51.854	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.700%
66) 1,2-Dichlorobenzene-d4	12.323	152	36896	52.583	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.160%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.307	101	461	0.899	ug/L #	17
12) 1,1-Dichloroethene	2.319	96	16838	35.420	ug/L #	57
19) 1,1-Dichloroethane	3.611	63	1478	1.613	ug/L	93
20) cis-1,2-Dichloroethene	4.495	96	26619	44.136	ug/L	99
30) 1,1,1-Trichloroethane	5.391	97	27155	30.274	ug/L	98
34) Trichloroethene	7.129	95	274995	481.650	ug/L	92
35) Methylcyclohexane	7.312	83	8735	9.720	ug/L #	19
37) 1,2-Dichloropropane	7.306	63	3965	7.282	ug/L #	85
39) cis-1,3-Dichloropropene	8.324	75	1248	1.407	ug/L #	73
44) trans-1,3-Dichloropropene	8.952	75	855	1.003	ug/L	85
61) 1,2,3-Trichloropropane	12.024	75	4375	7.149	ug/L #	63

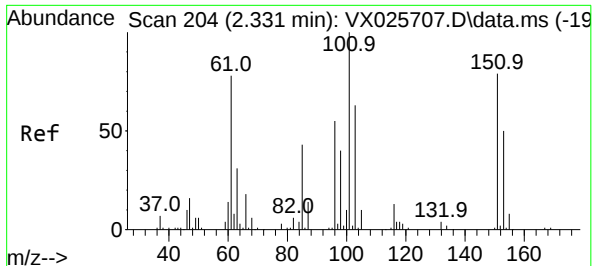
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121021\
Data File : VX025720.D
Acq On : 10 Dec 2021 22:41
Operator : JC/MD
Sample : M4981-12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 11 01:05:04 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM112221WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 11 00:48:07 2021
Response via : Initial Calibration





#10

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

Concen: 0.899 ug/L

RT: 2.307 min Scan# 20

Delta R.T. -0.024 min

Lab File: VX025720.D

Acq: 10 Dec 2021 22:41

Instrument :

MSVOA_X

ClientSampleId :

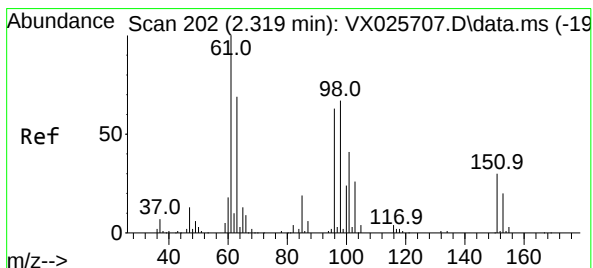
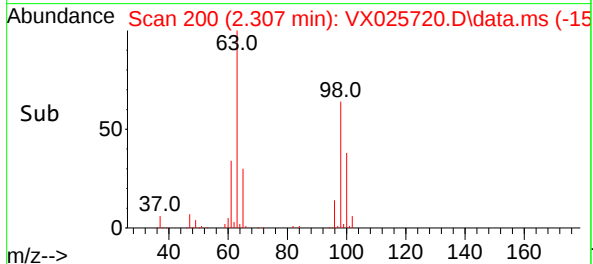
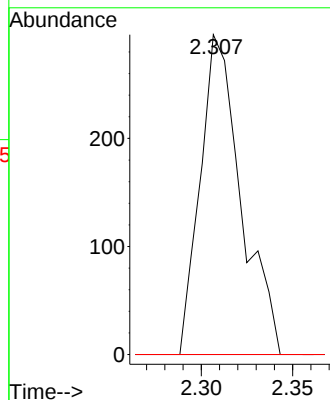
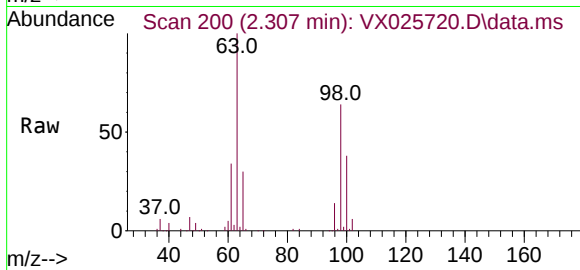
Tgt Ion:101 Resp: 461

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: 35.420 ug/L

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX025720.D

Acq: 10 Dec 2021 22:41

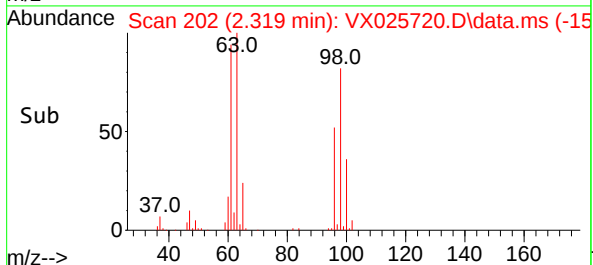
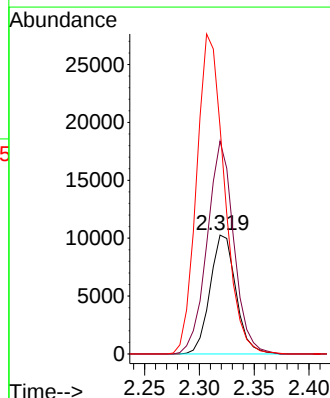
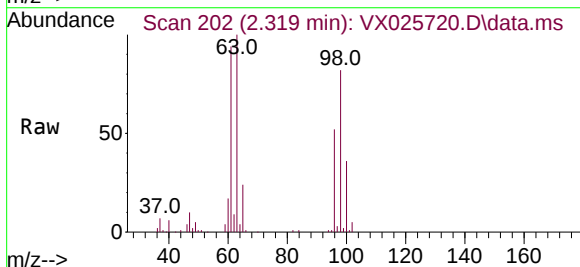
Tgt Ion: 96 Resp: 16838

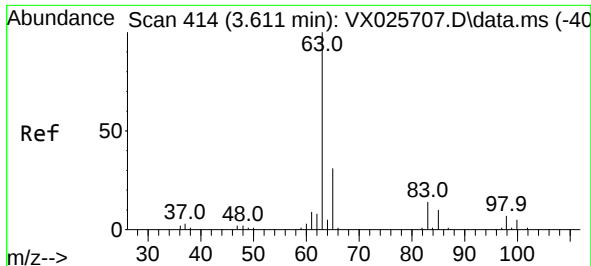
Ion Ratio Lower Upper

96 100

61 179.0 108.7 201.9

63 191.1 76.3 141.7#





#19

1,1-Dichloroethane

Concen: 1.613 ug/L

RT: 3.611 min Scan# 41

Delta R.T. 0.000 min

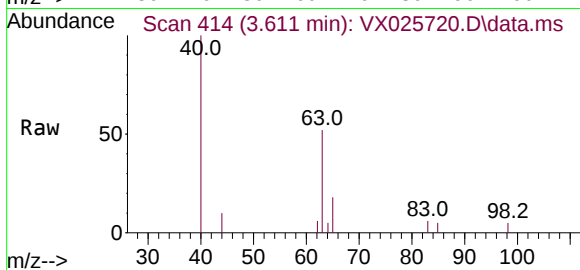
Lab File: VX025720.D

Acq: 10 Dec 2021 22:41

Instrument :

MSVOA_X

ClientSampleId :



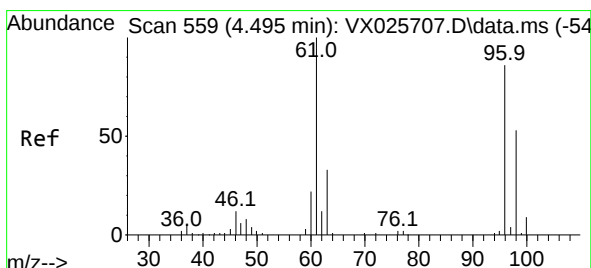
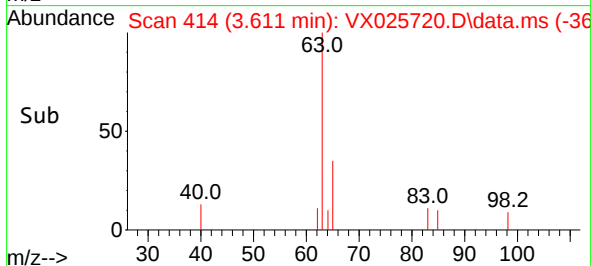
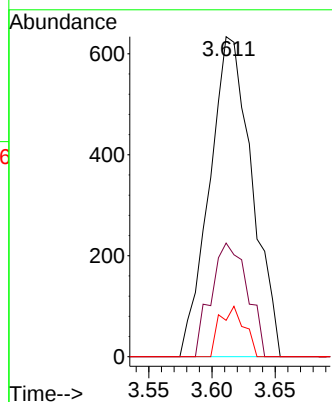
Tgt Ion: 63 Resp: 1478

Ion Ratio Lower Upper

63 100

65 35.5 22.2 41.2

83 11.4 10.2 19.0



#20

cis-1,2-Dichloroethene

Concen: 44.136 ug/L

RT: 4.495 min Scan# 559

Delta R.T. 0.000 min

Lab File: VX025720.D

Acq: 10 Dec 2021 22:41

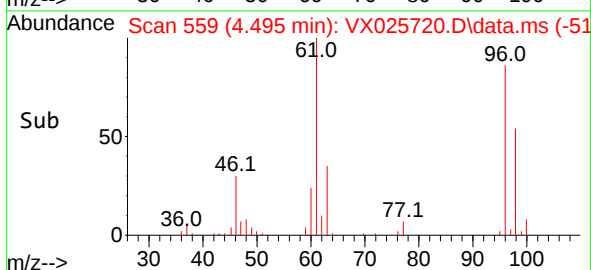
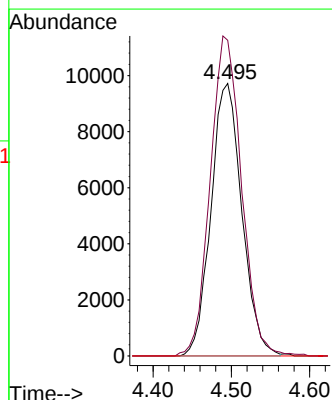
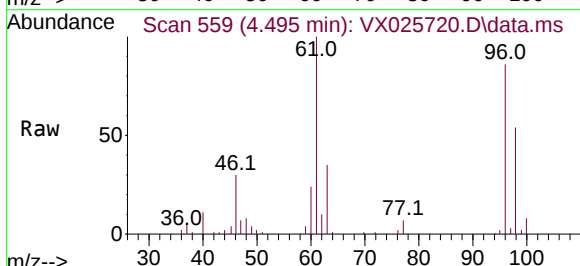
Tgt Ion: 96 Resp: 26619

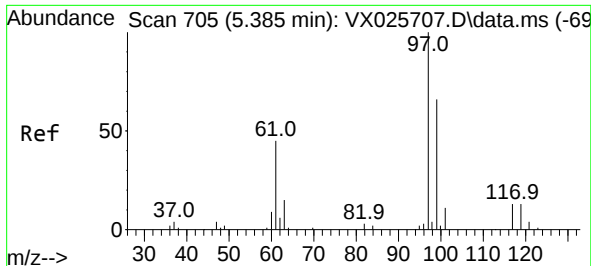
Ion Ratio Lower Upper

96 100

61 115.9 82.3 152.8

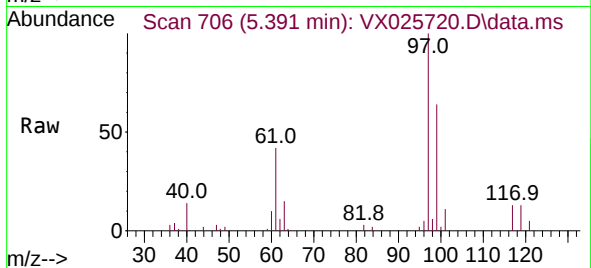
68 0.0 0.0 0.0



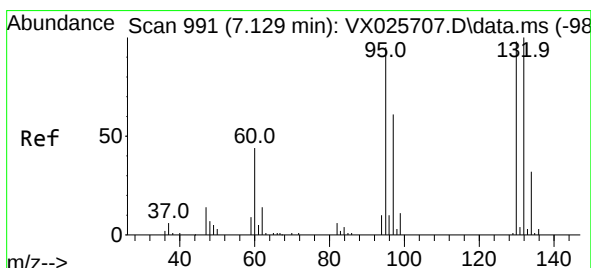
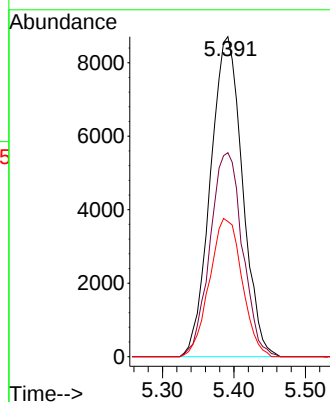
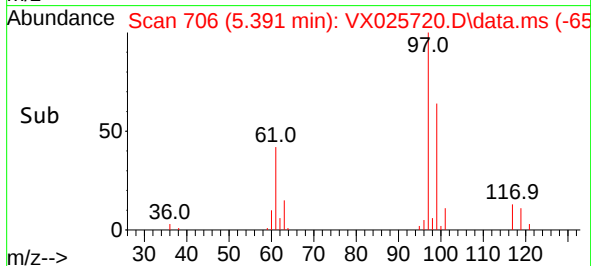


#30
1,1,1-Trichloroethane
Concen: 30.274 ug/L
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX025720.D
Acq: 10 Dec 2021 22:41

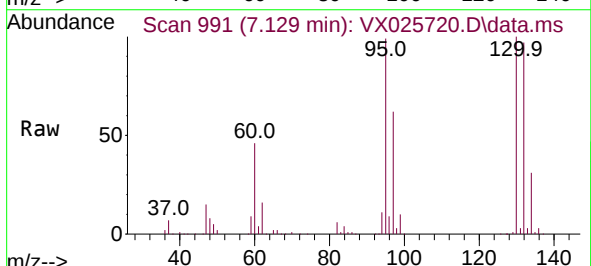
Instrument :
MSVOA_X
ClientSampleId :



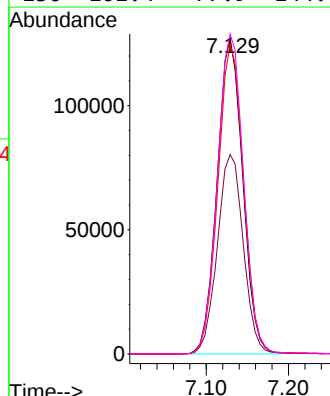
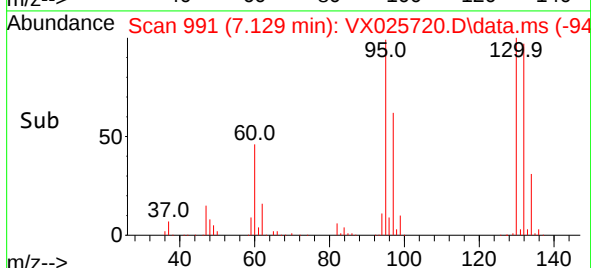
Tgt Ion: 97 Resp: 27155
Ion Ratio Lower Upper
97 100
99 64.6 51.5 77.3
61 43.8 33.1 49.7

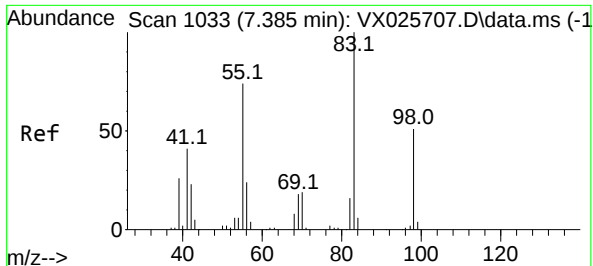


#34
Trichloroethene
Concen: 481.650 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX025720.D
Acq: 10 Dec 2021 22:41



Tgt Ion: 95 Resp: 274995
Ion Ratio Lower Upper
95 100
97 63.2 46.0 85.4
132 98.2 75.0 139.2
130 101.4 77.9 144.7





#35

Methylcyclohexane

Concen: 9.720 ug/L

RT: 7.312 min Scan# 10

Delta R.T. -0.073 min

Lab File: VX025720.D

Acq: 10 Dec 2021 22:41

Instrument :

MSVOA_X

ClientSampleId :

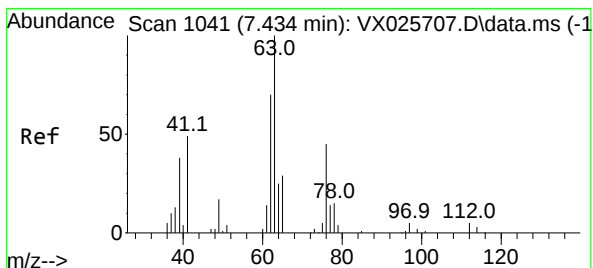
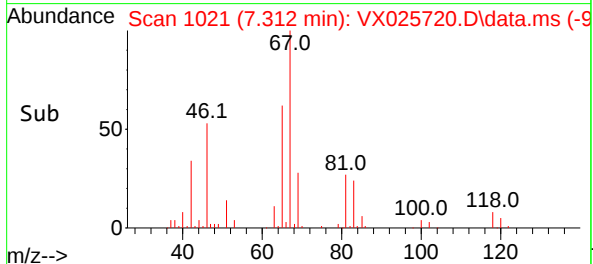
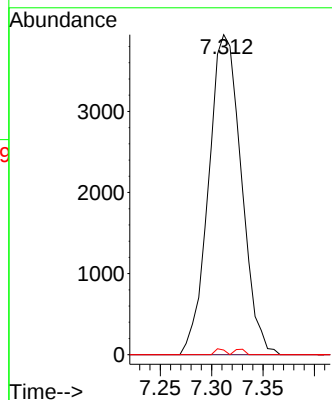
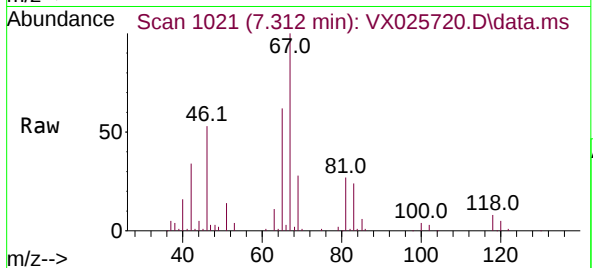
Tgt Ion: 83 Resp: 8735

Ion Ratio Lower Upper

83 100

55 0.0 57.3 85.9#

98 0.5 41.1 61.7#



#37

1,2-Dichloropropane

Concen: 7.282 ug/L

RT: 7.306 min Scan# 1020

Delta R.T. -0.128 min

Lab File: VX025720.D

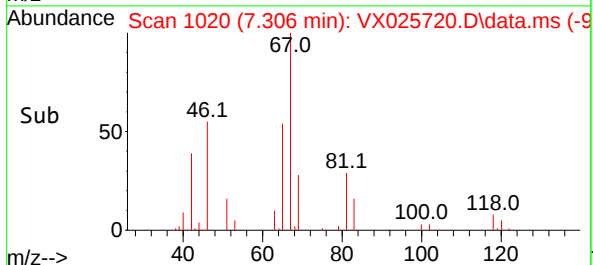
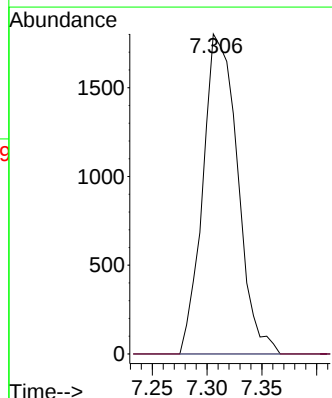
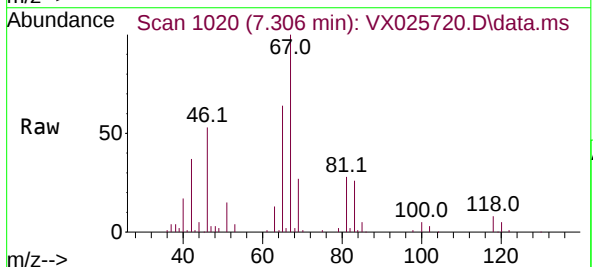
Acq: 10 Dec 2021 22:41

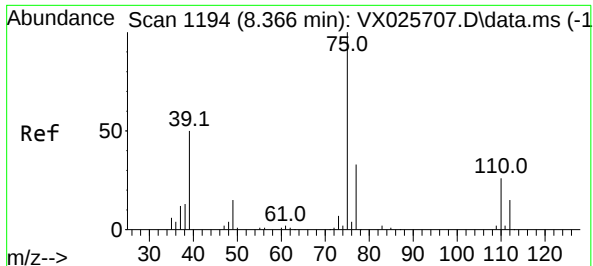
Tgt Ion: 63 Resp: 3965

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 1.407 ug/L

RT: 8.324 min Scan# 1194

Delta R.T. -0.043 min

Lab File: VX025720.D

Acq: 10 Dec 2021 22:41

Instrument :

MSVOA_X

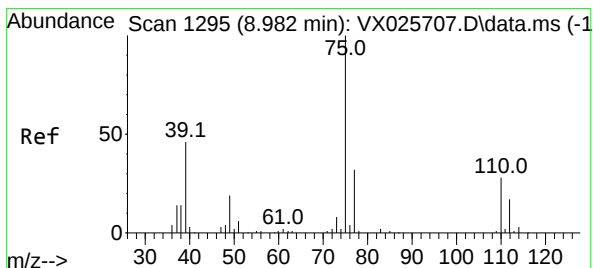
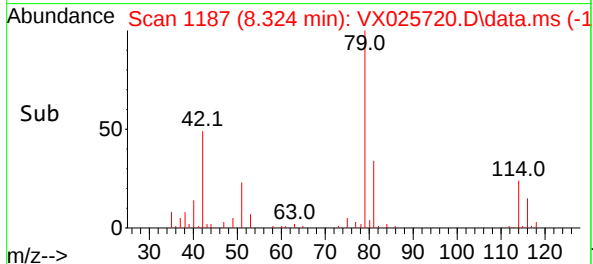
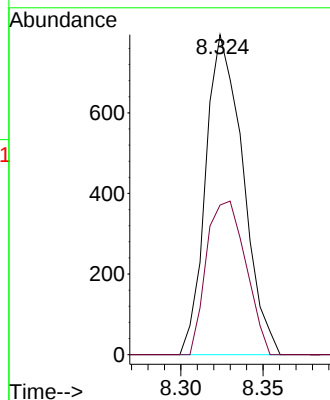
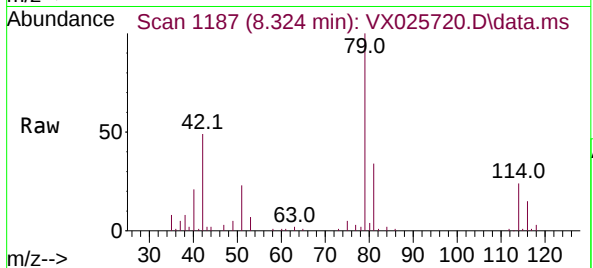
ClientSampleId :

Tgt Ion: 75 Resp: 1248

Ion Ratio Lower Upper

75 100

77 46.7 22.3 41.3#



#44

trans-1,3-Dichloropropene

Concen: 1.003 ug/L

RT: 8.952 min Scan# 1290

Delta R.T. -0.030 min

Lab File: VX025720.D

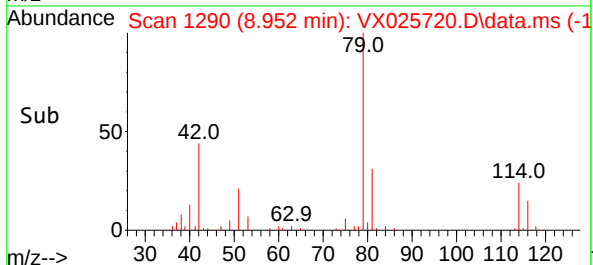
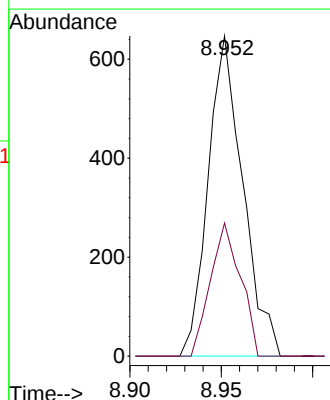
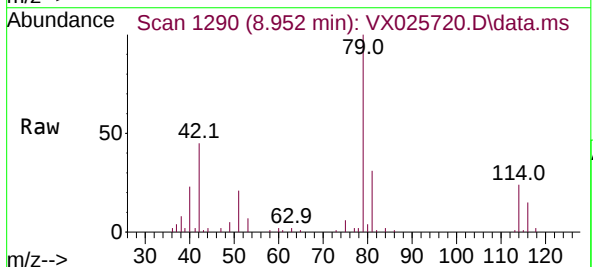
Acq: 10 Dec 2021 22:41

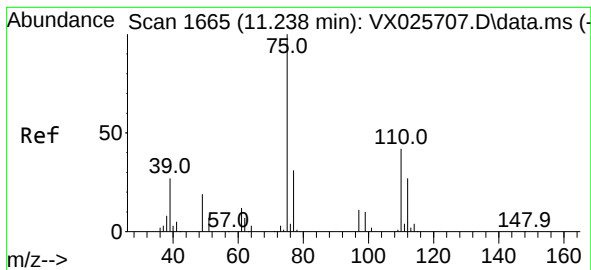
Tgt Ion: 75 Resp: 855

Ion Ratio Lower Upper

75 100

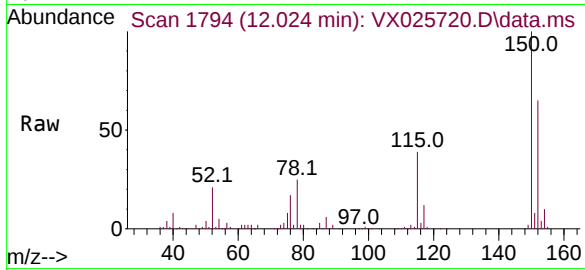
77 41.6 23.0 42.8





#61
 1,2,3-Trichloropropane
 Concen: 7.149 ug/L
 RT: 12.024 min Scan# 11
 Delta R.T. 0.786 min
 Lab File: VX025720.D
 Acq: 10 Dec 2021 22:41

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 4375
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.8 38.8
 110 2.9 34.7 52.1#

