

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121021\
 Data File : VX025721.D
 Acq On : 10 Dec 2021 23:04
 Operator : JC/MD
 Sample : M4981-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 11 01:05:17 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)

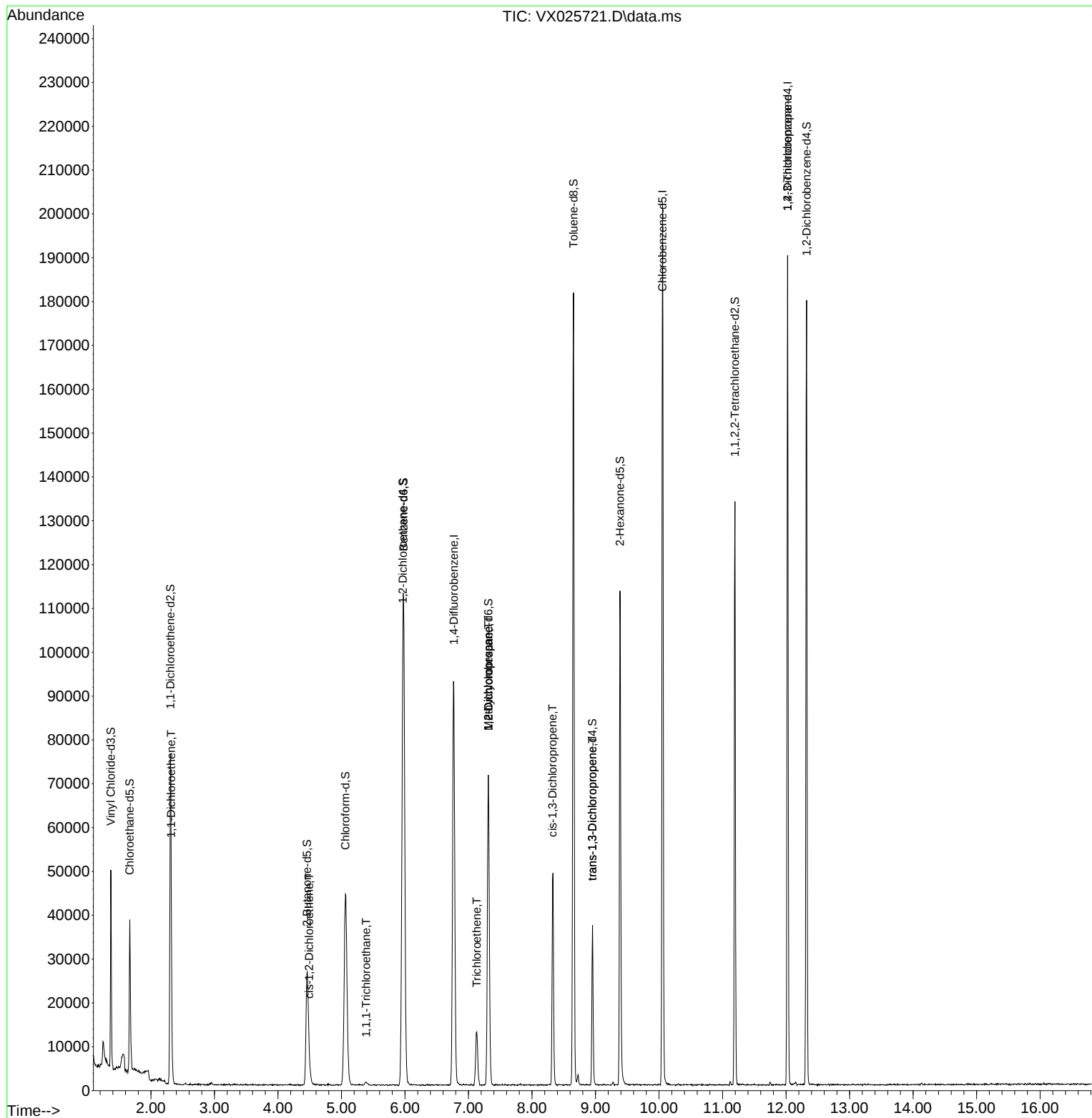
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	97136	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	90839	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	38729	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	27099	40.879	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	81.760%		
7) Chloroethane-d5	1.666	69	23701	43.319	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	86.640%		
11) 1,1-Dichloroethene-d2	2.306	63	40567	38.380	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	76.760%		
21) 2-Butanone-d5	4.458	46	45441	92.085	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	92.090%		
24) Chloroform-d	5.062	84	55213	47.656	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.320%		
26) 1,2-Dichloroethane-d4	5.964	65	36998	51.233	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.460%		
32) Benzene-d6	5.976	84	111975	46.511	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.020%		
36) 1,2-Dichloropropane-d6	7.312	67	33880	45.452	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.900%		
41) Toluene-d8	8.653	98	102465	45.091	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.180%		
43) trans-1,3-Dichloroprop...	8.951	79	15643	41.742	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.480%		
47) 2-Hexanone-d5	9.384	63	32184	82.947	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	82.950%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	48140	45.697	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.400%		
66) 1,2-Dichlorobenzene-d4	12.323	152	36322	47.817	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.640%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.319	96	1172	2.247	ug/L #	1
20) cis-1,2-Dichloroethene	4.489	96	827	1.250	ug/L	83
30) 1,1,1-Trichloroethane	5.385	97	819	0.817	ug/L #	60
34) Trichloroethene	7.129	95	4052	6.348	ug/L	94
35) Methylcyclohexane	7.312	83	8716	8.676	ug/L #	20
37) 1,2-Dichloropropane	7.312	63	3911	6.425	ug/L #	85
39) cis-1,3-Dichloropropene	8.324	75	1146	1.156	ug/L #	64
44) trans-1,3-Dichloropropene	8.951	75	782	0.821	ug/L	95
61) 1,2,3-Trichloropropane	12.024	75	4632	6.991	ug/L #	60

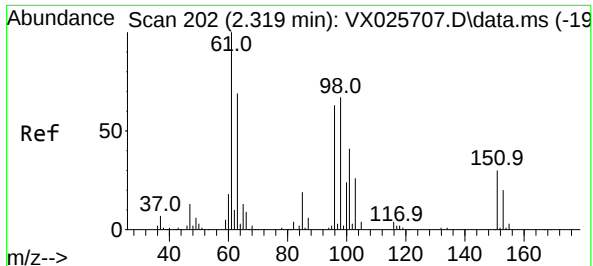
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Dec 11 00:48:07 2021
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 2.247 ug/L

RT: 2.319 min Scan# 20

Delta R.T. -0.000 min

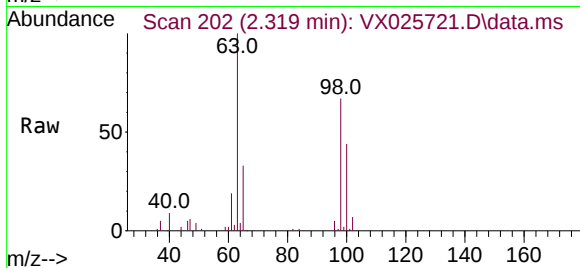
Lab File: VX025721.D

Acq: 10 Dec 2021 23:04

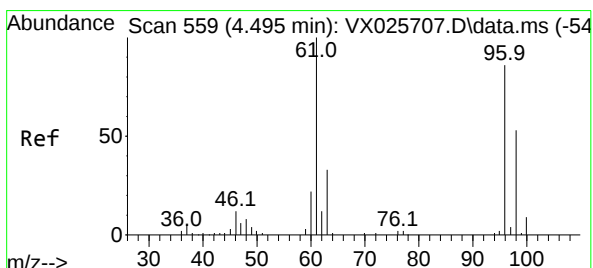
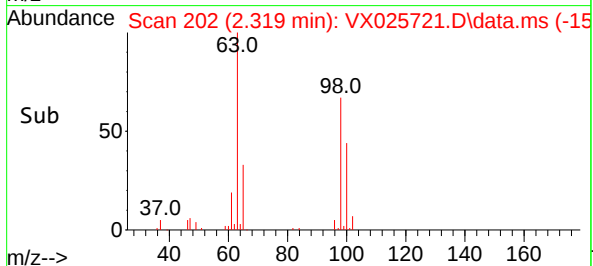
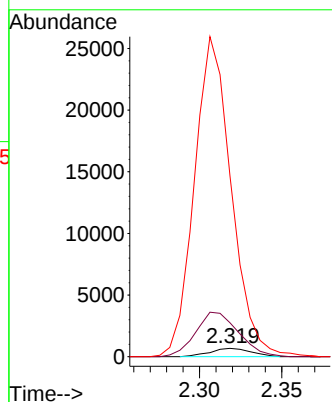
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	96	Resp:	1172
Ion	Ratio	Lower	Upper
96	100		
61	407.5	108.7	201.9#
63	2172.2	76.3	141.7#



#20

cis-1,2-Dichloroethene

Concen: 1.250 ug/L

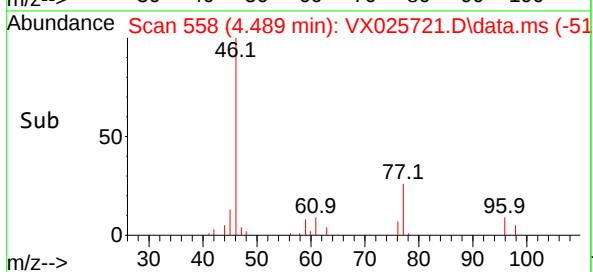
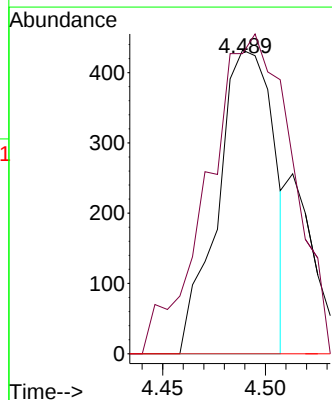
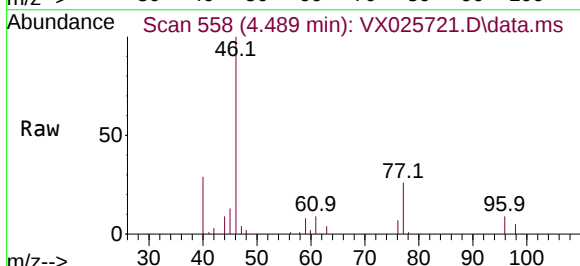
RT: 4.489 min Scan# 558

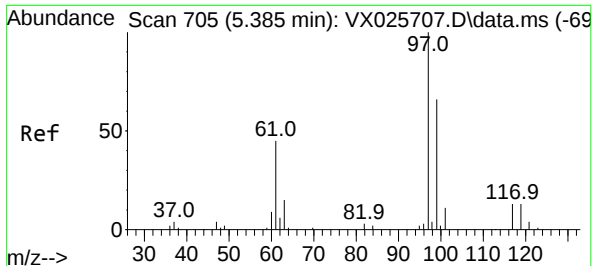
Delta R.T. -0.006 min

Lab File: VX025721.D

Acq: 10 Dec 2021 23:04

Tgt Ion:	96	Resp:	827
Ion	Ratio	Lower	Upper
96	100		
61	98.8	82.3	152.8
68	0.0	0.0	0.0





#30

1,1,1-Trichloroethane

Concen: 0.817 ug/L

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX025721.D

Acq: 10 Dec 2021 23:04

Instrument :

MSVOA_X

ClientSampleId :

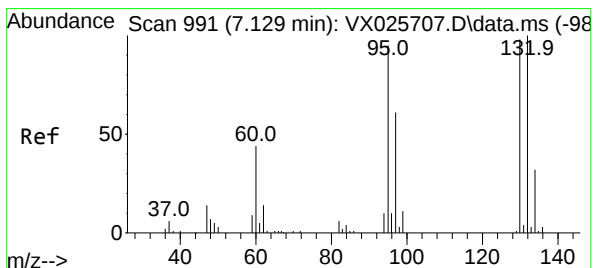
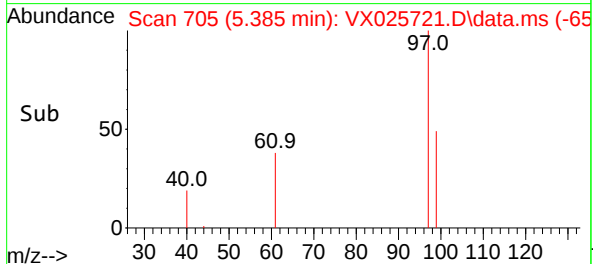
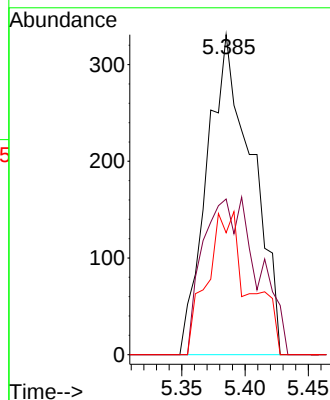
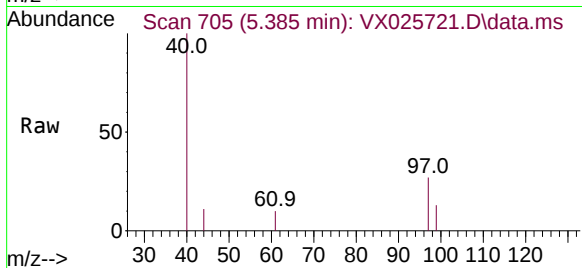
Tgt Ion: 97 Resp: 819

Ion Ratio Lower Upper

97 100

99 34.7 51.5 77.3#

61 14.4 33.1 49.7#



#34

Trichloroethene

Concen: 6.348 ug/L

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX025721.D

Acq: 10 Dec 2021 23:04

Tgt Ion: 95 Resp: 4052

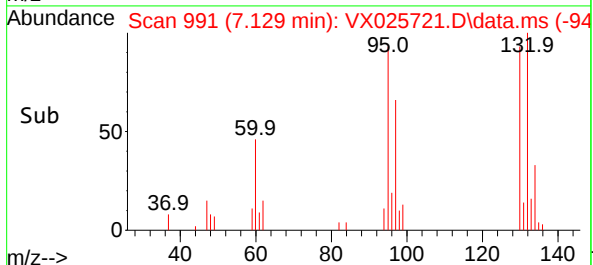
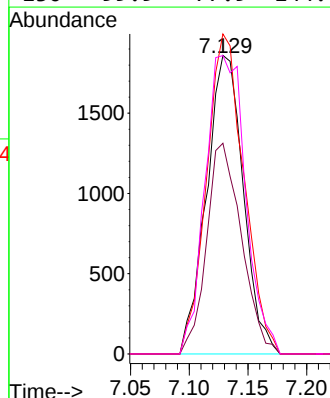
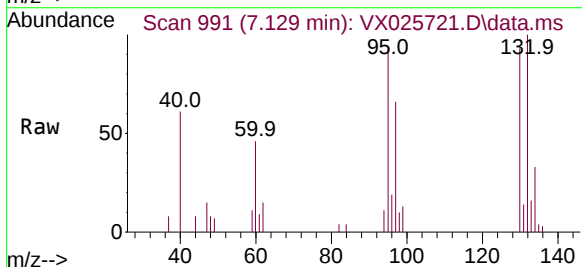
Ion Ratio Lower Upper

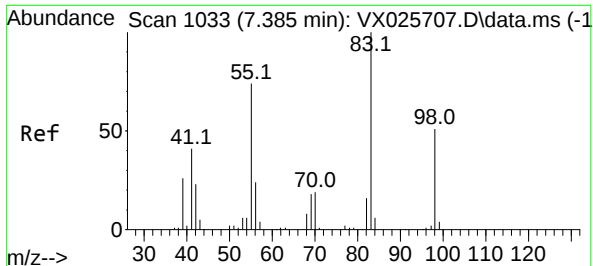
95 100

97 70.6 46.0 85.4

132 107.2 75.0 139.2

130 99.9 77.9 144.7





#35

Methylcyclohexane

Concen: 8.676 ug/L

RT: 7.312 min Scan# 1021

Delta R.T. -0.073 min

Lab File: VX025721.D

Acq: 10 Dec 2021 23:04

Instrument :

MSVOA_X

ClientSampleId :

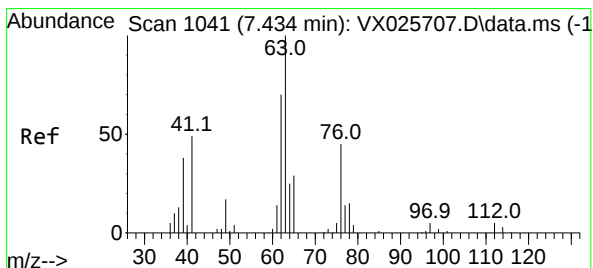
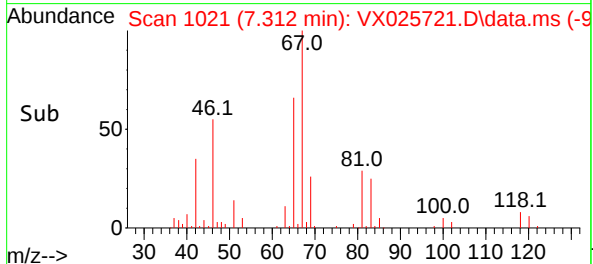
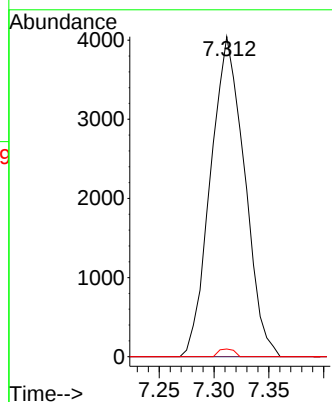
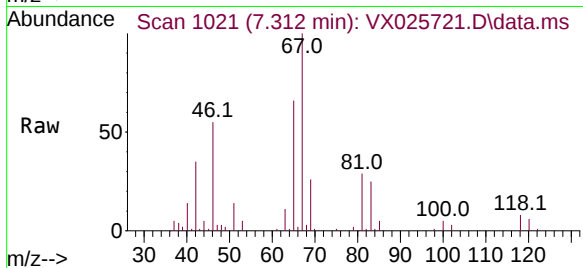
Tgt Ion: 83 Resp: 8716

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: 6.425 ug/L

RT: 7.312 min Scan# 1021

Delta R.T. -0.122 min

Lab File: VX025721.D

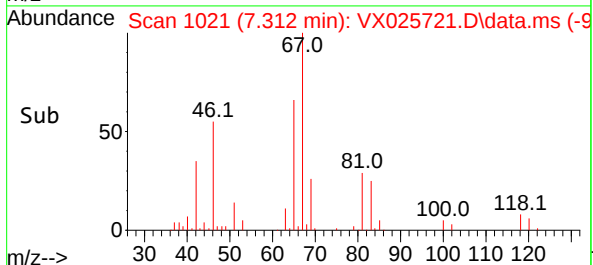
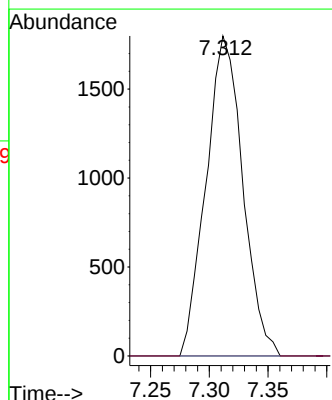
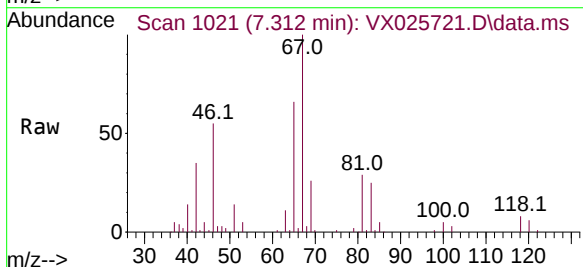
Acq: 10 Dec 2021 23:04

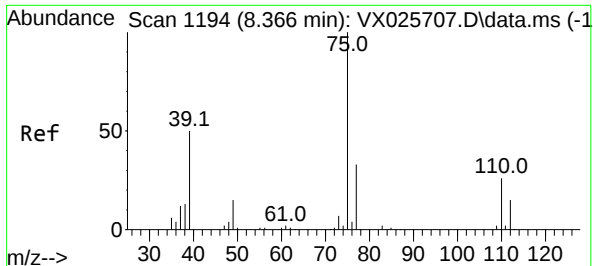
Tgt Ion: 63 Resp: 3911

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 1.156 ug/L

RT: 8.324 min Scan# 1194

Delta R.T. -0.043 min

Lab File: VX025721.D

Acq: 10 Dec 2021 23:04

Instrument :

MSVOA_X

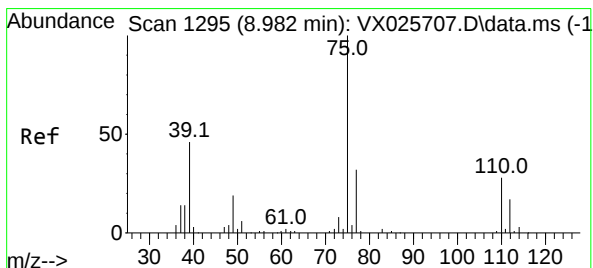
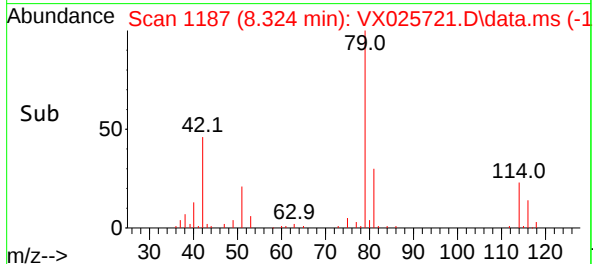
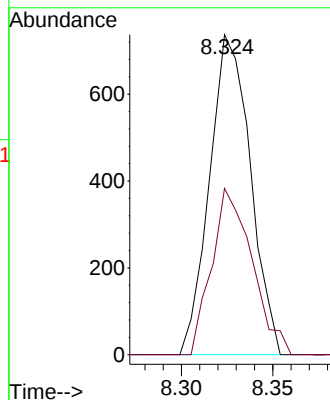
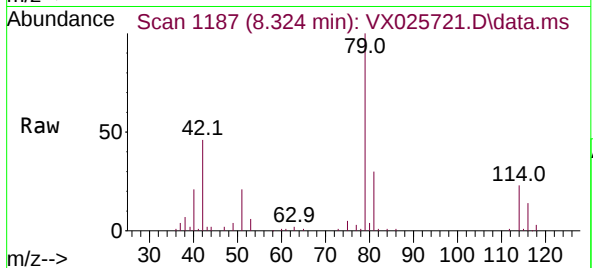
ClientSampleId :

Tgt Ion: 75 Resp: 1146

Ion Ratio Lower Upper

75 100

77 52.0 22.3 41.3#



#44

trans-1,3-Dichloropropene

Concen: 0.821 ug/L

RT: 8.951 min Scan# 1290

Delta R.T. -0.031 min

Lab File: VX025721.D

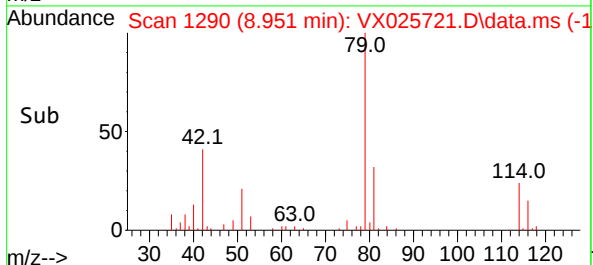
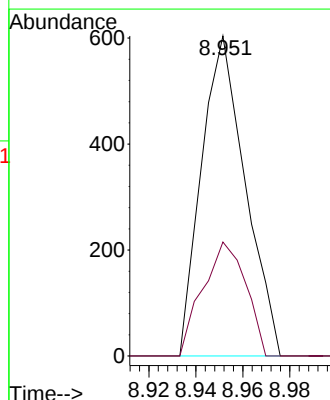
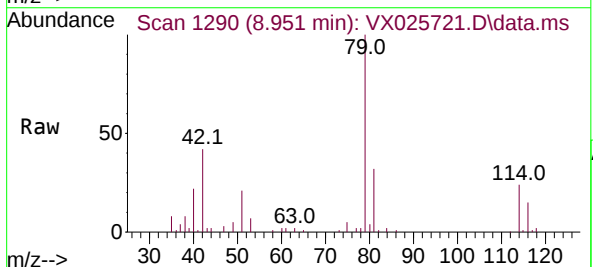
Acq: 10 Dec 2021 23:04

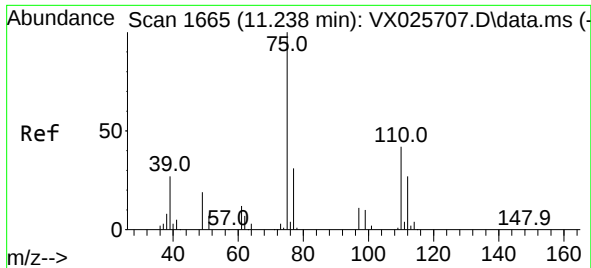
Tgt Ion: 75 Resp: 782

Ion Ratio Lower Upper

75 100

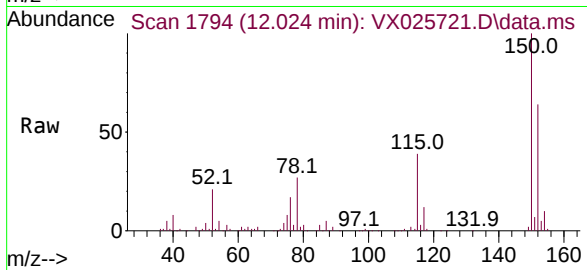
77 35.6 23.0 42.8





#61
 1,2,3-Trichloropropane
 Concen: 6.991 ug/L
 RT: 12.024 min Scan# 11
 Delta R.T. 0.786 min
 Lab File: VX025721.D
 Acq: 10 Dec 2021 23:04

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 4632
 Ion Ratio Lower Upper
 75 100
 77 37.7 25.8 38.8
 110 2.7 34.7 52.1#

