

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121121\
 Data File : VX025754.D
 Acq On : 11 Dec 2021 19:30
 Operator : JC/MD
 Sample : M5026-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COD11

Quant Time: Dec 12 06:36:45 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)

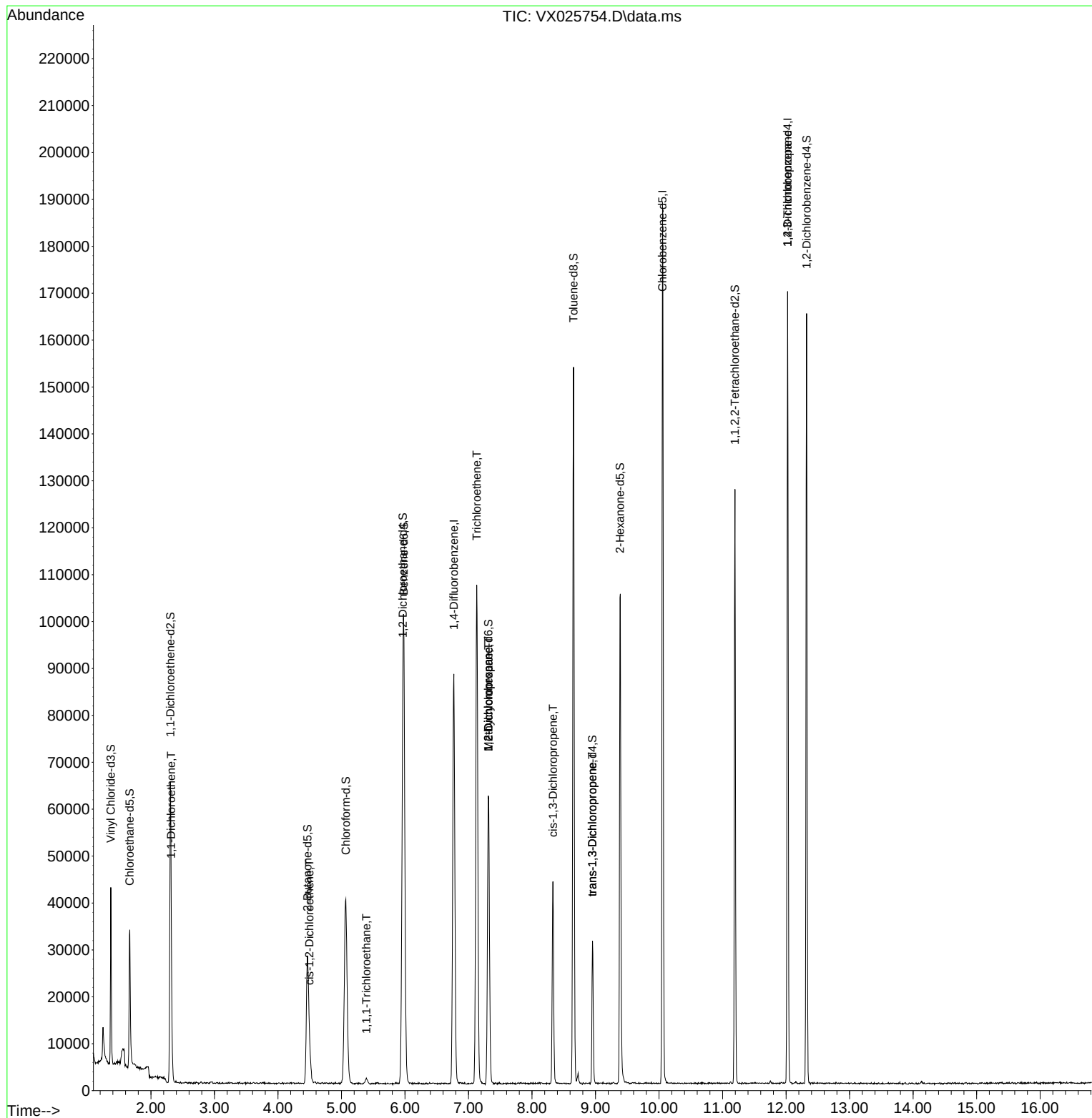
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	89447	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	82968	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	34439	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	21903	35.881	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	71.760%		
7) Chloroethane-d5	1.666	69	20513	40.715	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	81.440%		
11) 1,1-Dichloroethene-d2	2.306	63	33828	34.756	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	69.520%		
21) 2-Butanone-d5	4.464	46	45091	99.231	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	99.230%		
24) Chloroform-d	5.068	84	49862	46.737	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.480%		
26) 1,2-Dichloroethane-d4	5.964	65	33655	50.610	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.220%		
32) Benzene-d6	5.982	84	96127	43.716	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.440%		
36) 1,2-Dichloropropane-d6	7.312	67	30337	44.560	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	89.120%		
41) Toluene-d8	8.653	98	86724	41.784	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	83.560%		
43) trans-1,3-Dichloroprop...	8.951	79	13966	40.802	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.600%		
47) 2-Hexanone-d5	9.384	63	30855	87.065	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	87.070%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	45448	47.235	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.460%		
66) 1,2-Dichlorobenzene-d4	12.323	152	31312	46.356	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.720%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.319	96	2819	5.869	ug/L #	1
20) cis-1,2-Dichloroethene	4.495	96	2776	4.555	ug/L	95
30) 1,1,1-Trichloroethane	5.391	97	1154	1.260	ug/L	92
34) Trichloroethene	7.129	95	39341	67.483	ug/L	95
35) Methylcyclohexane	7.312	83	7657	8.345	ug/L #	19
37) 1,2-Dichloropropane	7.312	63	3441	6.189	ug/L #	85
39) cis-1,3-Dichloropropene	8.330	75	1098	1.213	ug/L #	56
44) trans-1,3-Dichloropropene	8.951	75	679	0.780	ug/L	94
61) 1,2,3-Trichloropropane	12.024	75	4389	7.450	ug/L #	63

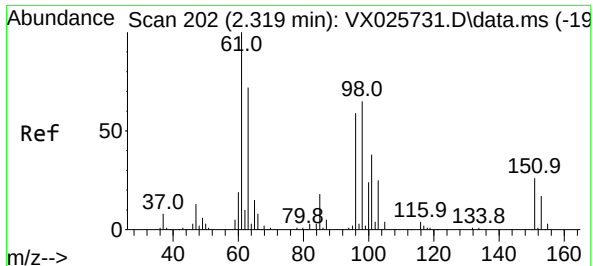
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 12 06:36:45 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





#12

1,1-Dichloroethene

Concen: 5.869 ug/L

RT: 2.319 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX025754.D

Acq: 11 Dec 2021 19:30

Instrument :

MSVOA_X

ClientSampleId :

C0D11

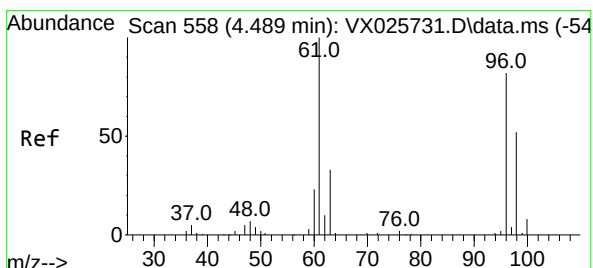
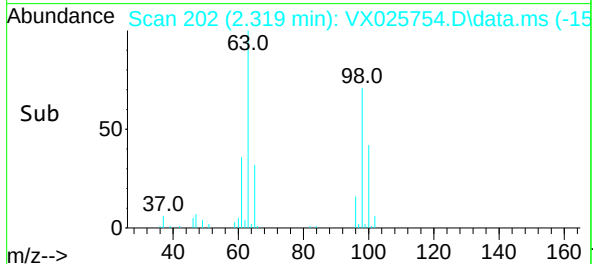
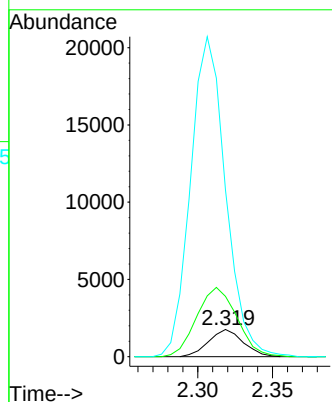
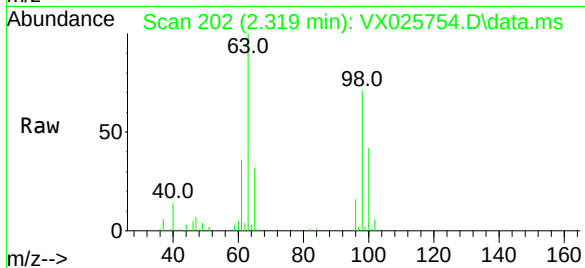
Tgt Ion: 96 Resp: 2819

Ion Ratio Lower Upper

96 100

61 221.4 108.7 201.9#

63 611.7 76.3 141.7#



#20

cis-1,2-Dichloroethene

Concen: 4.555 ug/L

RT: 4.495 min Scan# 559

Delta R.T. -0.000 min

Lab File: VX025754.D

Acq: 11 Dec 2021 19:30

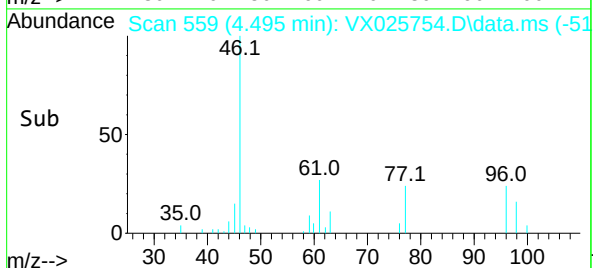
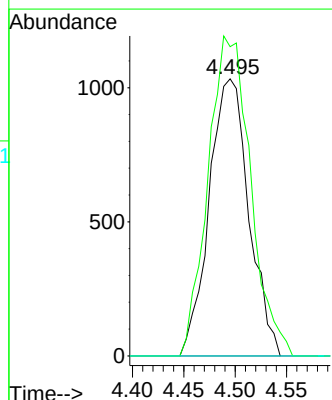
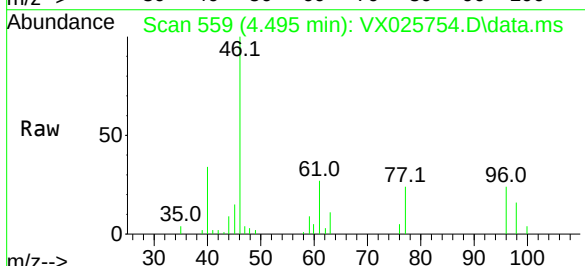
Tgt Ion: 96 Resp: 2776

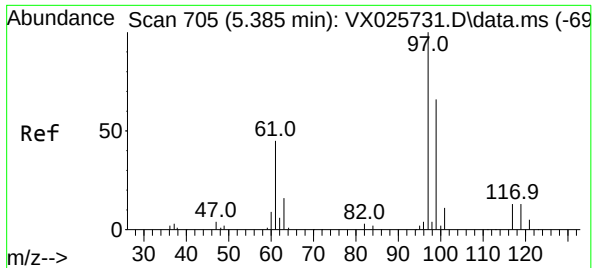
Ion Ratio Lower Upper

96 100

61 111.6 82.3 152.8

68 0.0 0.0 0.0





#30

1,1,1-Trichloroethane

Concen: 1.260 ug/L

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX025754.D

Acq: 11 Dec 2021 19:30

Instrument :

MSVOA_X

ClientSampleId :

C0D11

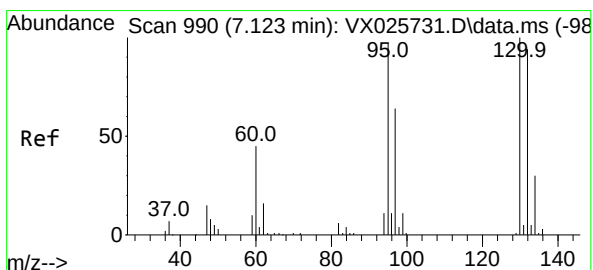
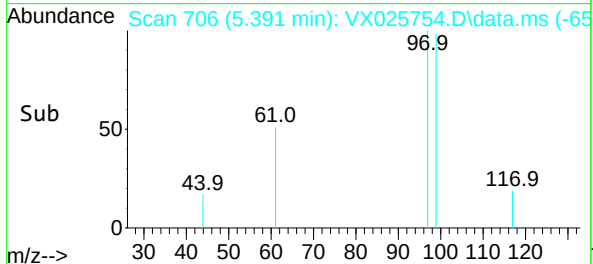
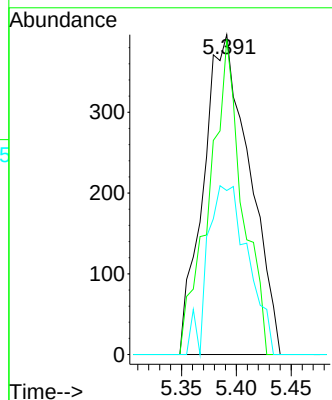
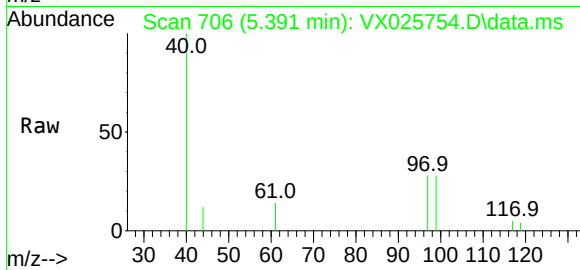
Tgt Ion: 97 Resp: 1154

Ion Ratio Lower Upper

97 100

99 71.4 51.5 77.3

61 44.9 33.1 49.7



#34

Trichloroethene

Concen: 67.483 ug/L

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX025754.D

Acq: 11 Dec 2021 19:30

Tgt Ion: 95 Resp: 39341

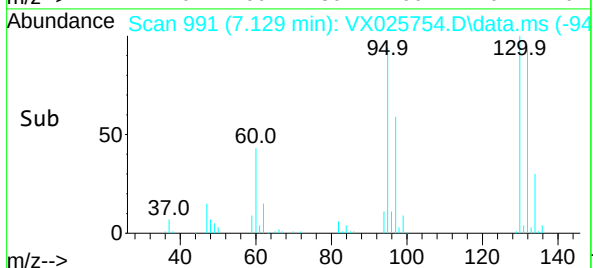
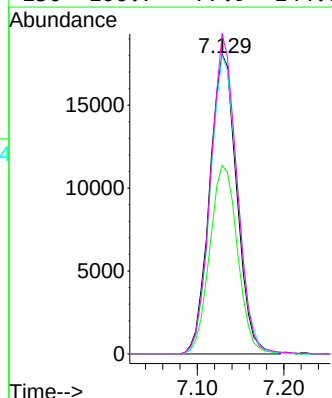
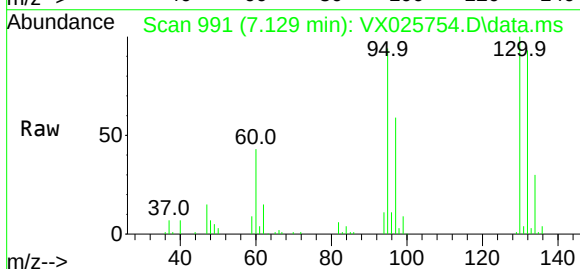
Ion Ratio Lower Upper

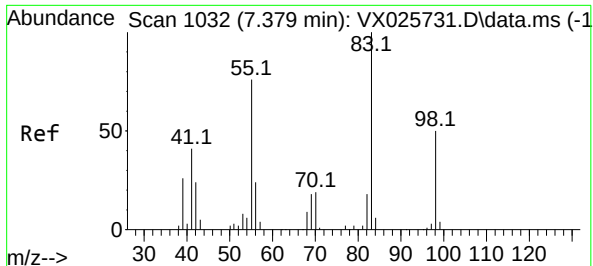
95 100

97 62.9 46.0 85.4

132 99.4 75.0 139.2

130 106.7 77.9 144.7





#35

Methylcyclohexane

Concen: 8.345 ug/L

RT: 7.312 min Scan# 1021

Delta R.T. -0.073 min

Lab File: VX025754.D

Acq: 11 Dec 2021 19:30

Instrument :

MSVOA_X

ClientSampleId :

C0D11

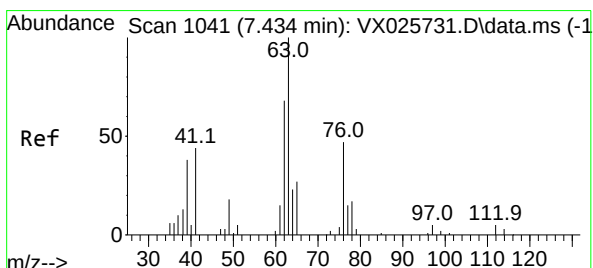
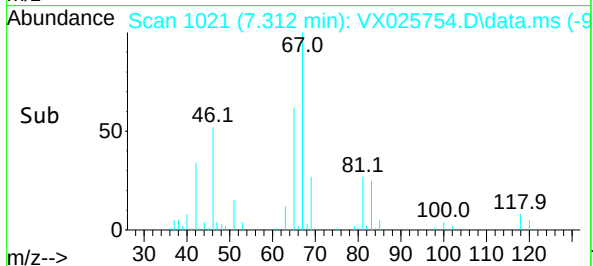
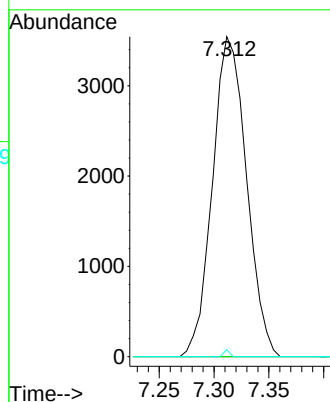
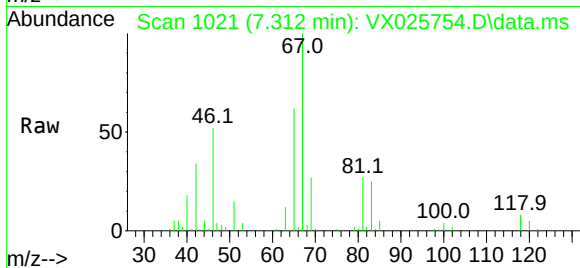
Tgt Ion: 83 Resp: 7657

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: 6.189 ug/L

RT: 7.312 min Scan# 1021

Delta R.T. -0.122 min

Lab File: VX025754.D

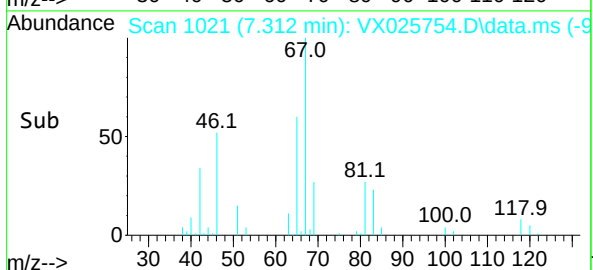
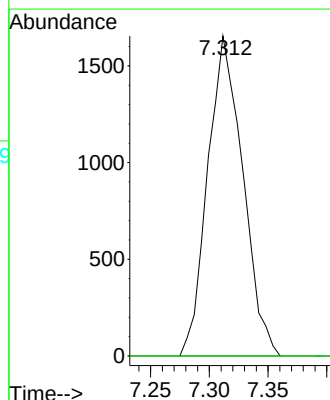
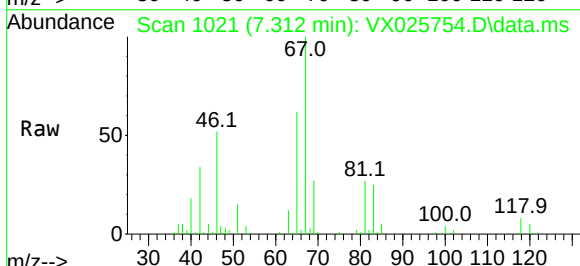
Acq: 11 Dec 2021 19:30

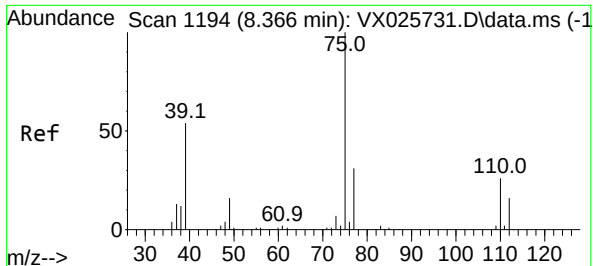
Tgt Ion: 63 Resp: 3441

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 1.213 ug/L

RT: 8.330 min Scan# 1194

Delta R.T. -0.037 min

Lab File: VX025754.D

Acq: 11 Dec 2021 19:30

Instrument :

MSVOA_X

ClientSampleId :

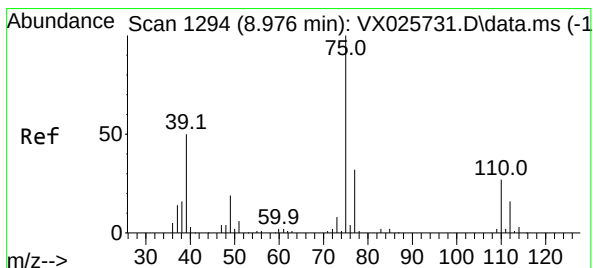
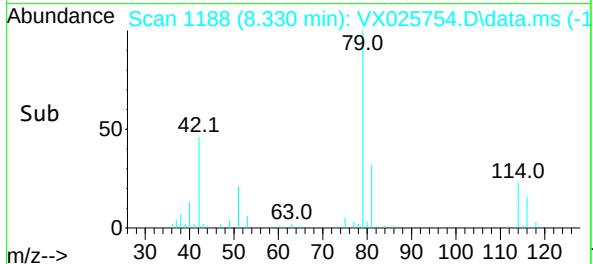
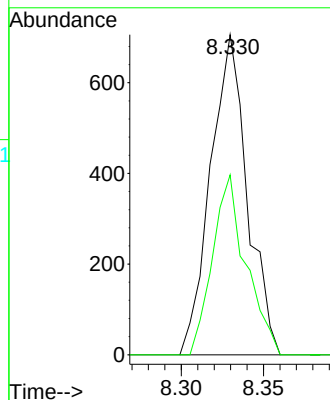
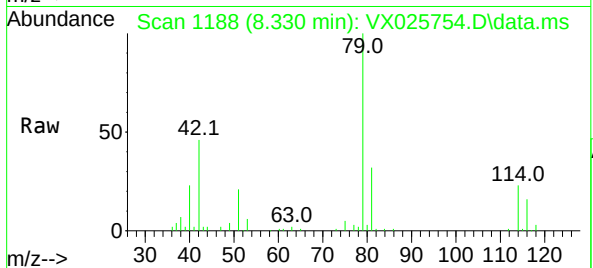
C0D11

Tgt Ion: 75 Resp: 1098

Ion Ratio Lower Upper

75 100

77 56.2 22.3 41.3#



#44

trans-1,3-Dichloropropene

Concen: 0.780 ug/L

RT: 8.951 min Scan# 1290

Delta R.T. -0.031 min

Lab File: VX025754.D

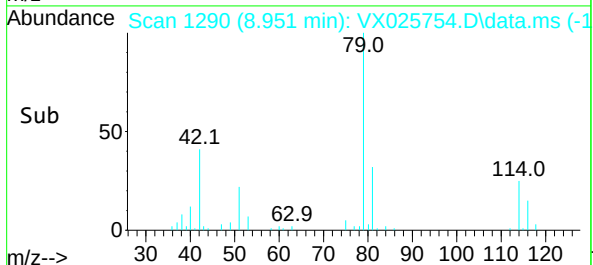
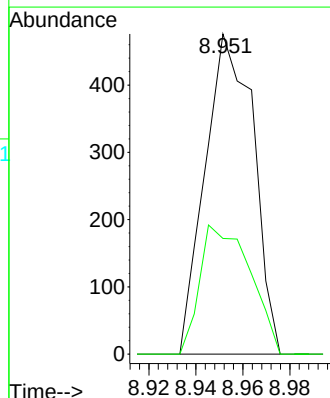
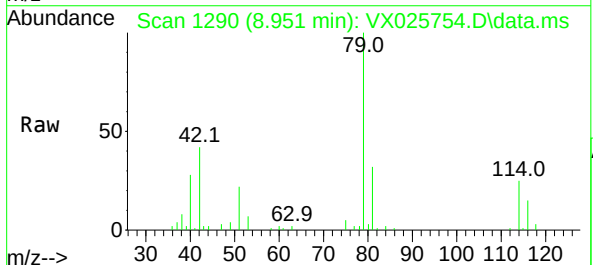
Acq: 11 Dec 2021 19:30

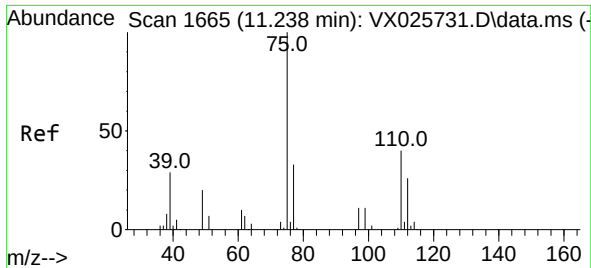
Tgt Ion: 75 Resp: 679

Ion Ratio Lower Upper

75 100

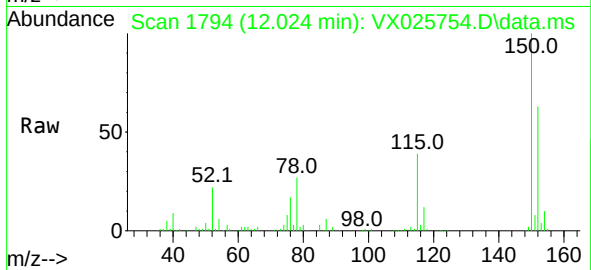
77 36.1 23.0 42.8





#61
 1,2,3-Trichloropropane
 Concen: 7.450 ug/L
 RT: 12.024 min Scan# 11
 Delta R.T. 0.786 min
 Lab File: VX025754.D
 Acq: 11 Dec 2021 19:30

Instrument :
 MSVOA_X
 ClientSampleId :
 C0D11



Tgt Ion: 75 Resp: 4389

Ion	Ratio	Lower	Upper
75	100		
77	33.9	25.8	38.8
110	3.7	34.7	52.1#

