

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121121\
 Data File : VX025740.D
 Acq On : 11 Dec 2021 14:01
 Operator : JC/MD
 Sample : M4997-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EW5Q3

Quant Time: Dec 12 06:35:01 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)

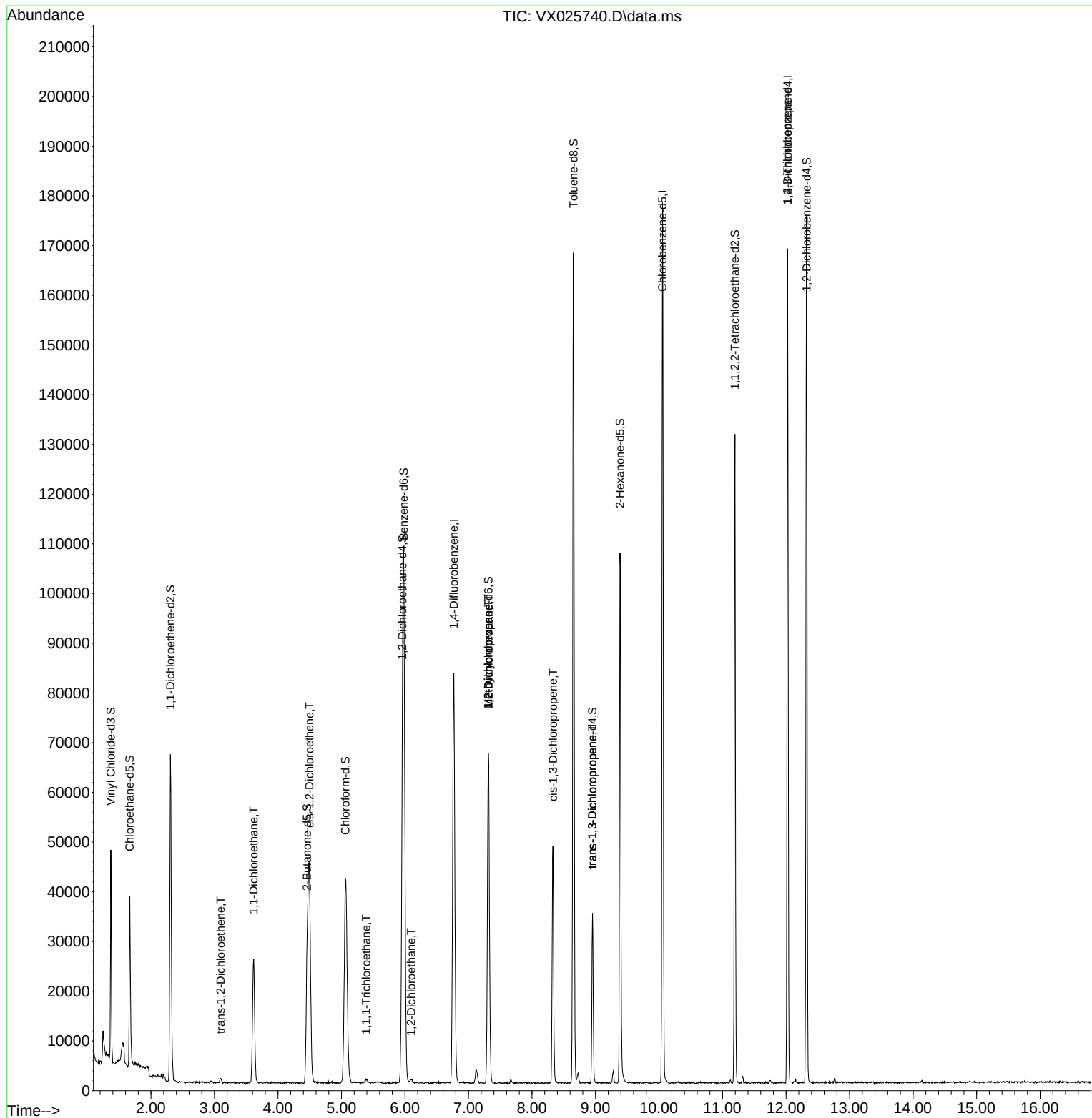
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	84860	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	81036	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	33794	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	24521	42.341	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	84.680%		
7) Chloroethane-d5	1.666	69	22239	46.527	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	93.060%		
11) 1,1-Dichloroethene-d2	2.306	63	36372	39.389	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	78.780%		
21) 2-Butanone-d5	4.458	46	44237	102.613	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	102.610%		
24) Chloroform-d	5.062	84	52789	52.155	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	104.320%		
26) 1,2-Dichloroethane-d4	5.958	65	36474	57.814	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	115.620%		
32) Benzene-d6	5.983	84	105137	48.953	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.900%		
36) 1,2-Dichloropropane-d6	7.312	67	32536	48.930	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.860%		
41) Toluene-d8	8.653	98	95843	47.279	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.560%		
43) trans-1,3-Dichloroprop...	8.952	79	15334	45.867	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.740%		
47) 2-Hexanone-d5	9.384	63	30876	89.202	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	89.200%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	47487	50.531	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	101.060%		
66) 1,2-Dichlorobenzene-d4	12.323	152	34455	51.983	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.960%		
Target Compounds						Qvalue
17) trans-1,2-Dichloroethene	3.099	96	374	0.762	ug/L #	79
19) 1,1-Dichloroethane	3.617	63	27382	31.166	ug/L	99
20) cis-1,2-Dichloroethene	4.495	96	22610	39.109	ug/L	95
27) 1,2-Dichloroethane	6.098	62	738	1.061	ug/L #	73
30) 1,1,1-Trichloroethane	5.385	97	694	0.776	ug/L #	61
35) Methylcyclohexane	7.312	83	8353	9.321	ug/L #	20
37) 1,2-Dichloropropane	7.312	63	3790	6.980	ug/L #	85
39) cis-1,3-Dichloropropene	8.330	75	1103	1.247	ug/L #	61
44) trans-1,3-Dichloropropene	8.952	75	814	0.958	ug/L	100
61) 1,2,3-Trichloropropane	12.024	75	4271	7.388	ug/L #	63

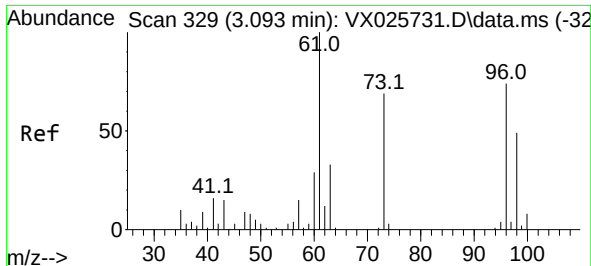
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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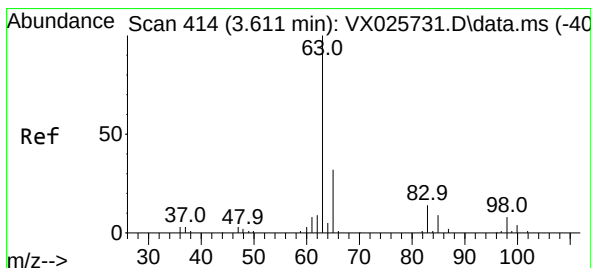
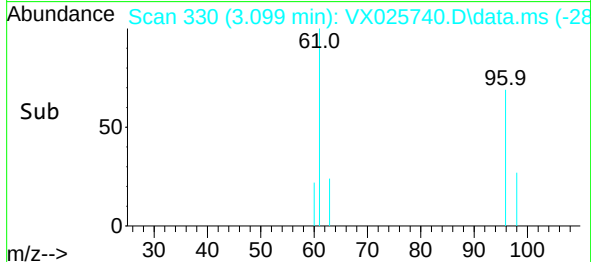
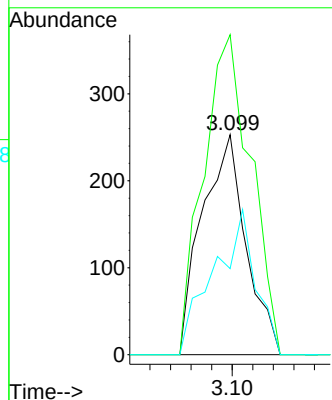
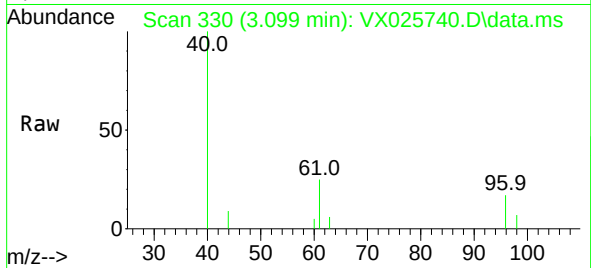




#17
trans-1,2-Dichloroethene
Concen: 0.762 ug/L
RT: 3.099 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX025740.D
Acq: 11 Dec 2021 14:01

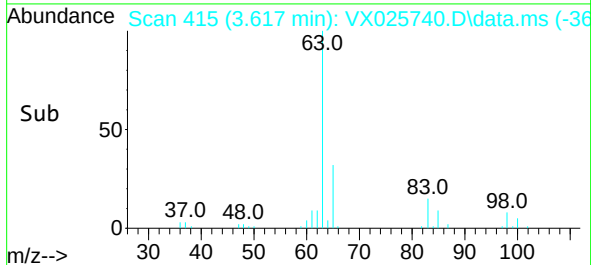
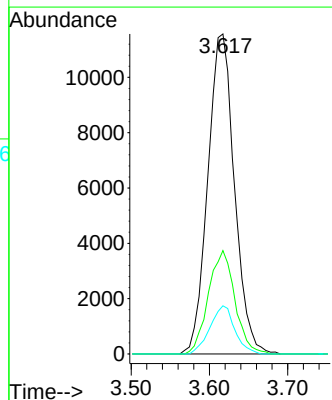
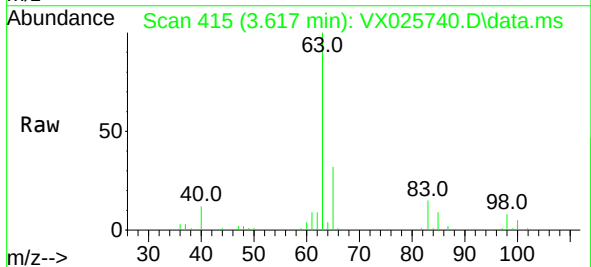
Instrument :
MSVOA_X
ClientSampleId :
EW5Q3

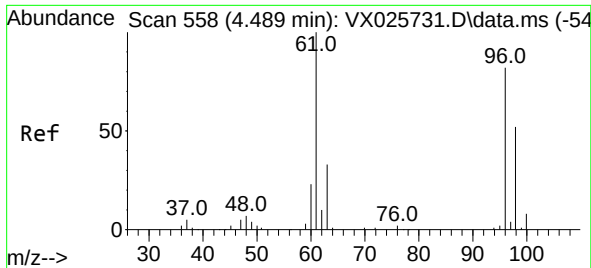
Tgt Ion: 96 Resp: 374
Ion Ratio Lower Upper
96 100
61 145.5 88.5 164.4
98 39.1 44.3 82.3#



#19
1,1-Dichloroethane
Concen: 31.166 ug/L
RT: 3.617 min Scan# 415
Delta R.T. 0.006 min
Lab File: VX025740.D
Acq: 11 Dec 2021 14:01

Tgt Ion: 63 Resp: 27382
Ion Ratio Lower Upper
63 100
65 32.3 22.2 41.2
83 15.0 10.2 19.0

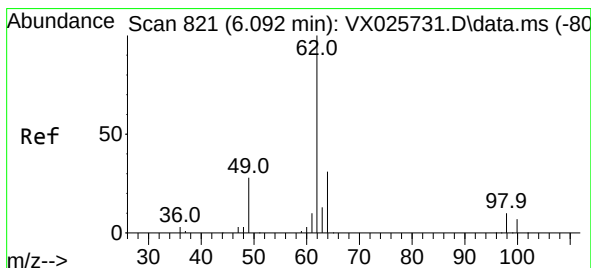
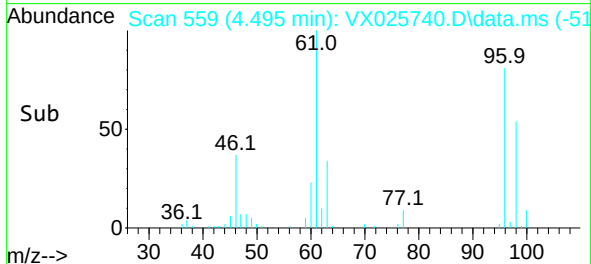
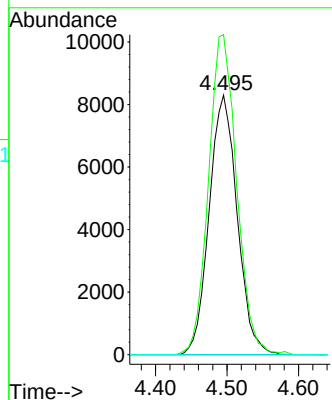
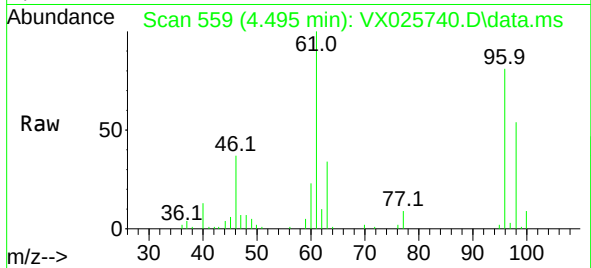




#20
cis-1,2-Dichloroethene
Concen: 39.109 ug/L
RT: 4.495 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX025740.D
Acq: 11 Dec 2021 14:01

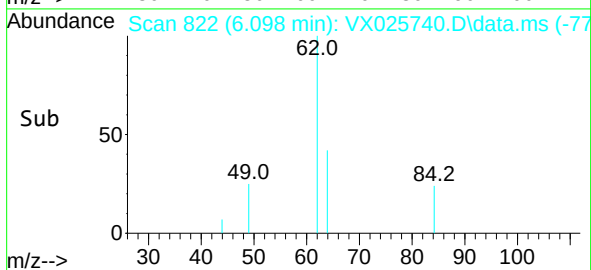
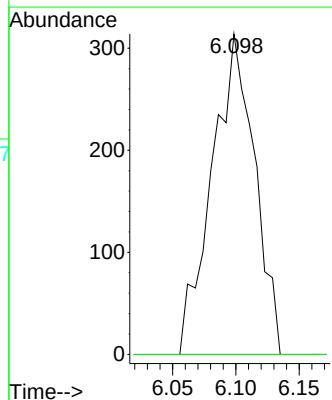
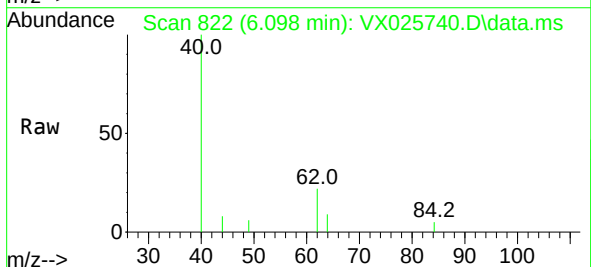
Instrument :
MSVOA_X
ClientSampleId :
EW5Q3

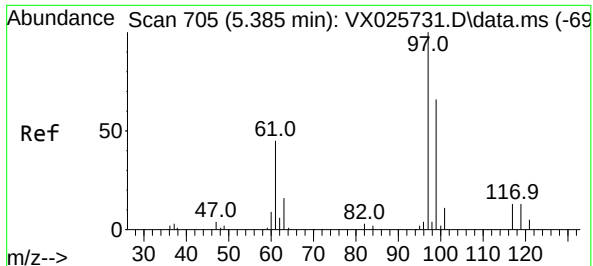
Tgt Ion: 96 Resp: 22610
Ion Ratio Lower Upper
96 100
61 123.3 82.3 152.8
68 0.0 0.0 0.0



#27
1,2-Dichloroethane
Concen: 1.061 ug/L
RT: 6.098 min Scan# 822
Delta R.T. 0.006 min
Lab File: VX025740.D
Acq: 11 Dec 2021 14:01

Tgt Ion: 62 Resp: 738
Ion Ratio Lower Upper
62 100
98 0.0 8.2 12.2#





#30

1,1,1-Trichloroethane

Concen: 0.776 ug/L

RT: 5.385 min Scan# 70

Delta R.T. -0.000 min

Lab File: VX025740.D

Acq: 11 Dec 2021 14:01

Instrument :

MSVOA_X

ClientSampleId :

EW5Q3

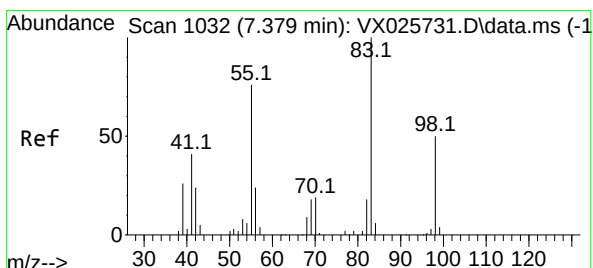
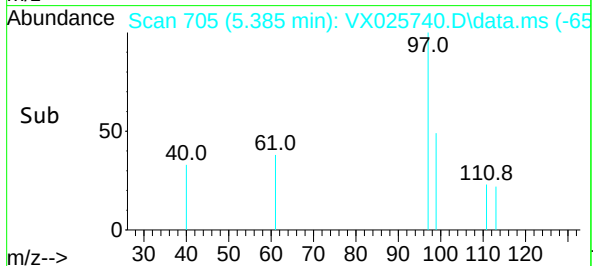
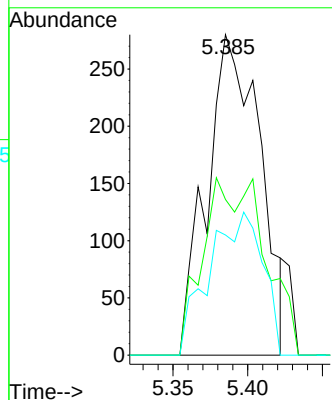
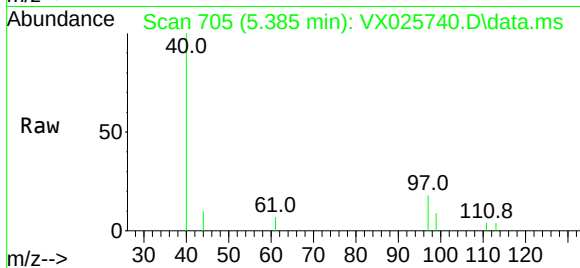
Tgt Ion: 97 Resp: 694

Ion Ratio Lower Upper

97 100

99 34.3 51.5 77.3#

61 16.4 33.1 49.7#



#35

Methylcyclohexane

Concen: 9.321 ug/L

RT: 7.312 min Scan# 1021

Delta R.T. -0.073 min

Lab File: VX025740.D

Acq: 11 Dec 2021 14:01

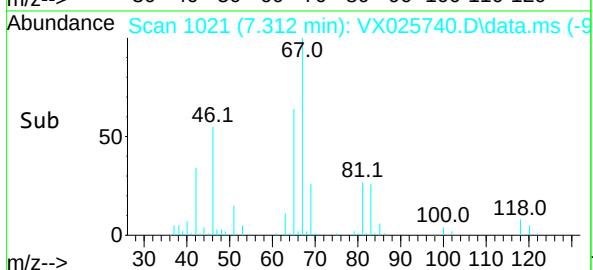
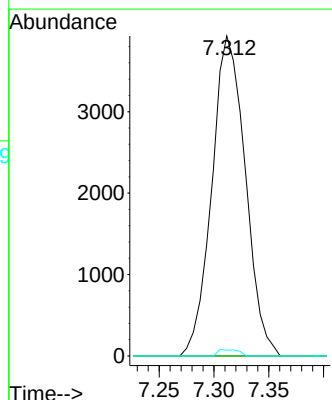
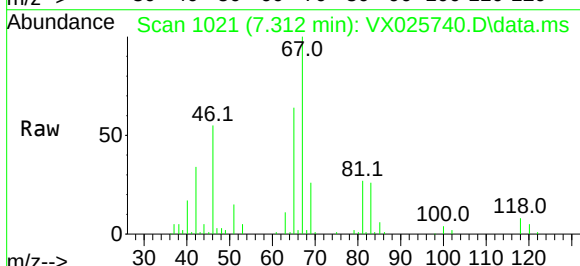
Tgt Ion: 83 Resp: 8353

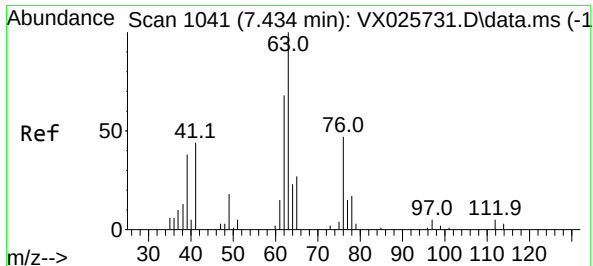
Ion Ratio Lower Upper

83 100

55 0.0 57.3 85.9#

98 1.2 41.1 61.7#





#37

1,2-Dichloropropane

Concen: 6.980 ug/L

RT: 7.312 min Scan# 1188

Delta R.T. -0.122 min

Lab File: VX025740.D

Acq: 11 Dec 2021 14:01

Instrument :

MSVOA_X

ClientSampleId :

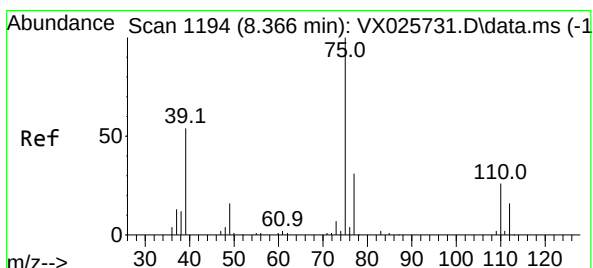
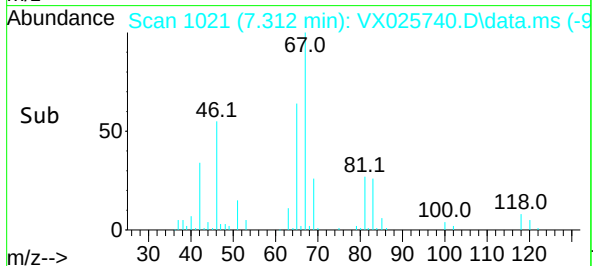
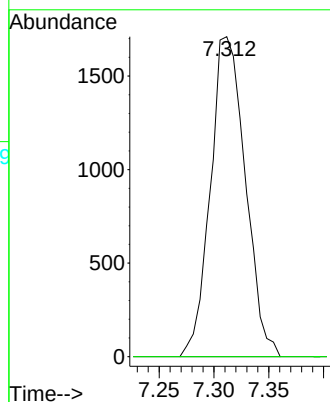
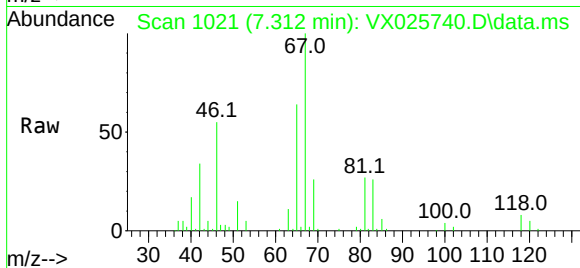
EW5Q3

Tgt Ion: 63 Resp: 3790

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#39

cis-1,3-Dichloropropene

Concen: 1.247 ug/L

RT: 8.330 min Scan# 1188

Delta R.T. -0.037 min

Lab File: VX025740.D

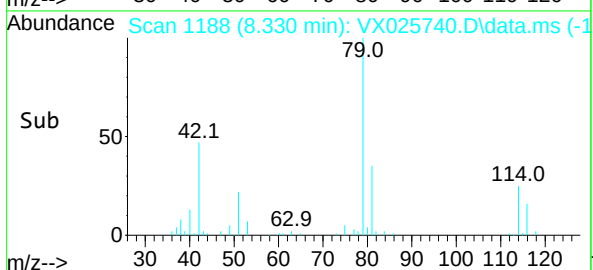
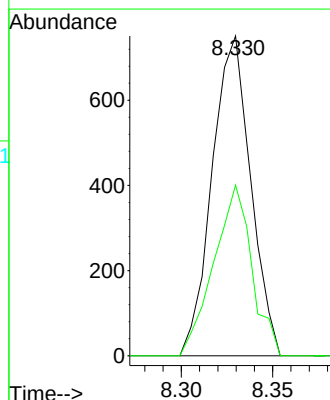
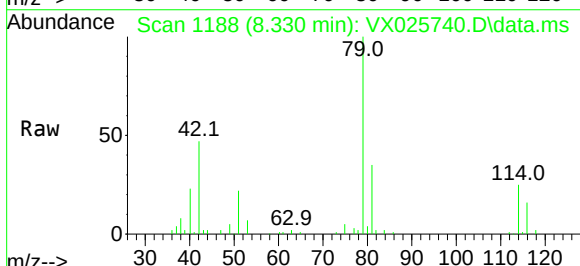
Acq: 11 Dec 2021 14:01

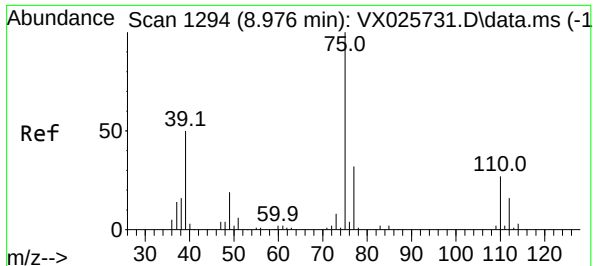
Tgt Ion: 75 Resp: 1103

Ion Ratio Lower Upper

75 100

77 53.4 22.3 41.3#

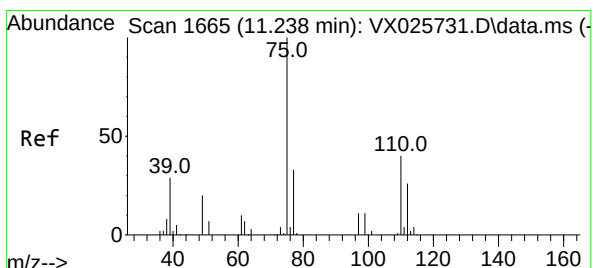
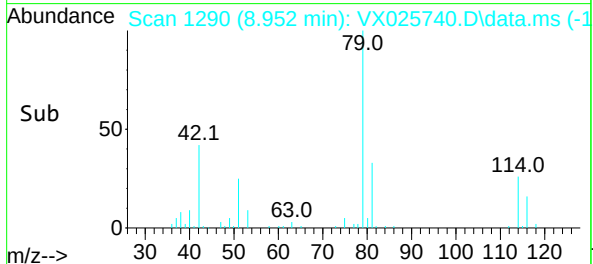
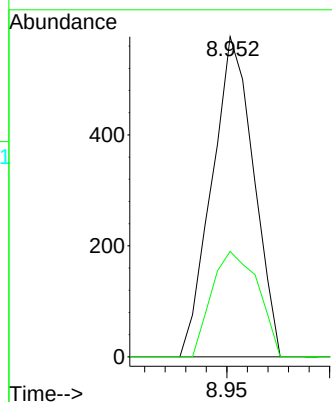
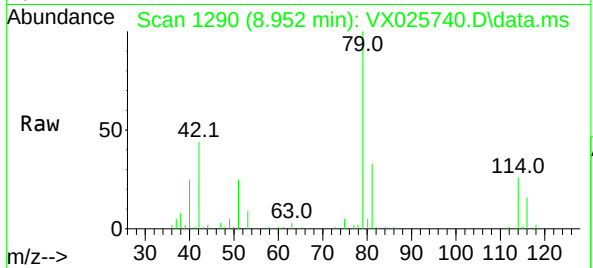




#44
 trans-1,3-Dichloropropene
 Concen: 0.958 ug/L
 RT: 8.952 min Scan# 11
 Delta R.T. -0.031 min
 Lab File: VX025740.D
 Acq: 11 Dec 2021 14:01

Instrument :
 MSVOA_X
 ClientSampleId :
 EW5Q3

Tgt Ion: 75 Resp: 814
 Ion Ratio Lower Upper
 75 100
 77 32.9 23.0 42.8



#61
 1,2,3-Trichloropropane
 Concen: 7.388 ug/L
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.786 min
 Lab File: VX025740.D
 Acq: 11 Dec 2021 14:01

Tgt Ion: 75 Resp: 4271
 Ion Ratio Lower Upper
 75 100
 77 33.3 25.8 38.8
 110 2.8 34.7 52.1#

