

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031824\
 Data File : VX040695.D
 Acq On : 18 Mar 2024 13:42
 Operator : JC/MD
 Sample : P1753-11RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

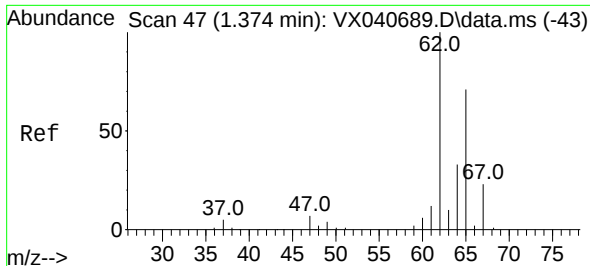
Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 19 01:23:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML030724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 19 01:22:22 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	150499	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	142040	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	67406	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	64384	48.803	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	97.600%		
7) Chloroethane-d5	1.672	69	52452	49.801	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	99.600%		
11) 1,1-Dichloroethene-d2	2.306	65	29934	49.290	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	98.580%		
21) 2-Butanone-d5	4.452	46	96114	94.941	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	94.940%		
24) Chloroform-d	5.056	84	120262	49.087	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.180%		
26) 1,2-Dichloroethane-d4	5.958	65	89107	48.715	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.440%		
32) Benzene-d6	5.970	84	219805	50.440	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.880%		
36) 1,2-Dichloropropane-d6	7.305	67	67609	50.059	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	100.120%		
41) Toluene-d8	8.647	98	202801	48.291	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.580%		
43) trans-1,3-Dichloroprop...	8.951	79	33850	47.091	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	94.180%		
47) 2-Hexanone-d5	9.384	63	68540	91.974	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	91.970%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	98011	48.469	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.940%		
66) 1,2-Dichlorobenzene-d4	12.317	152	74437	52.725	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	105.460%		
Target Compounds						Qvalue
5) Vinyl chloride	1.373	62	1674	1.325	ug/L #	23
12) 1,1-Dichloroethene	2.318	96	19530	21.289	ug/L #	39
13) Acetone	2.373	43	208471	288.369	ug/L	100
19) 1,1-Dichloroethane	3.611	63	9521	5.203	ug/L	89
20) cis-1,2-Dichloroethene	4.495	96	4700	4.451	ug/L	84
22) 2-Butanone	4.562	43	8770	9.161	ug/L #	69
35) Methylcyclohexane	7.311	83	16411	9.969	ug/L #	18
39) cis-1,3-Dichloropropene	8.330	75	2755	1.620	ug/L	97
44) trans-1,3-Dichloropropene	8.951	75	1746	1.054	ug/L	91

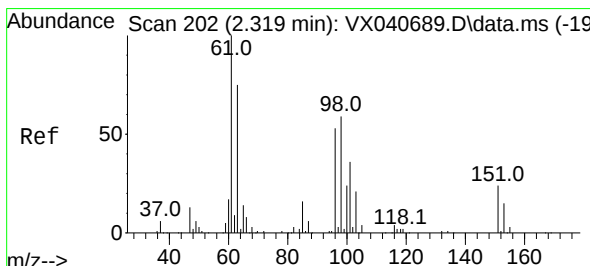
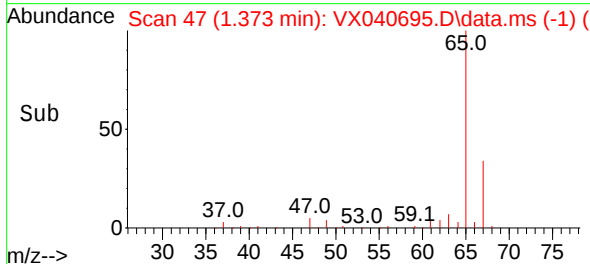
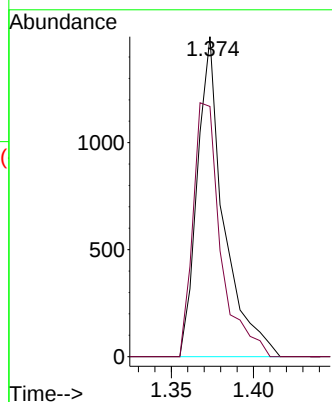
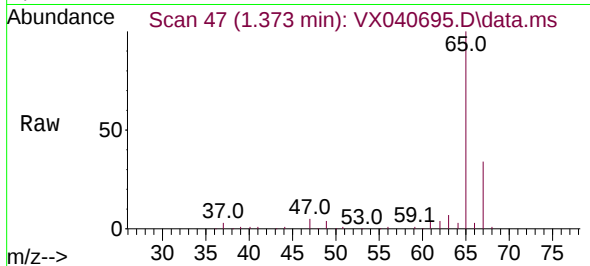
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#5
 Vinyl chloride
 Concen: 1.325 ug/L
 RT: 1.373 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX040695.D
 Acq: 18 Mar 2024 13:42

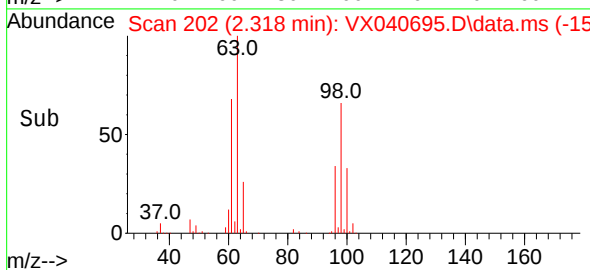
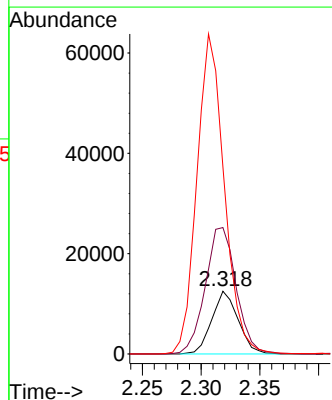
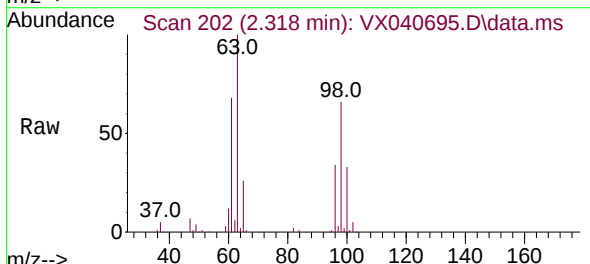
Instrument :
 MSVOA_X
 ClientSampleId :

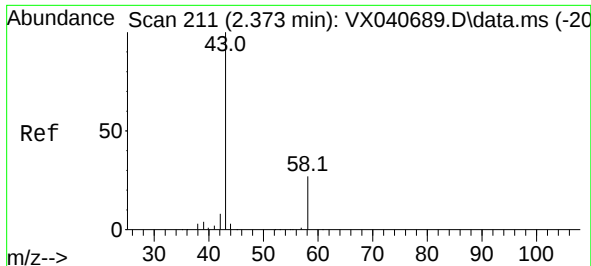
Tgt Ion: 62 Resp: 1674
 Ion Ratio Lower Upper
 62 100
 64 78.2 23.8 44.2#



#12
 1,1-Dichloroethene
 Concen: 21.289 ug/L
 RT: 2.318 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX040695.D
 Acq: 18 Mar 2024 13:42

Tgt Ion: 96 Resp: 19530
 Ion Ratio Lower Upper
 96 100
 61 201.4 134.8 250.4
 63 298.1 92.5 171.9#





#13

Acetone

Concen: 288.369 ug/L

RT: 2.373 min Scan# 211

Delta R.T. -0.000 min

Lab File: VX040695.D

Acq: 18 Mar 2024 13:42

Instrument :

MSVOA_X

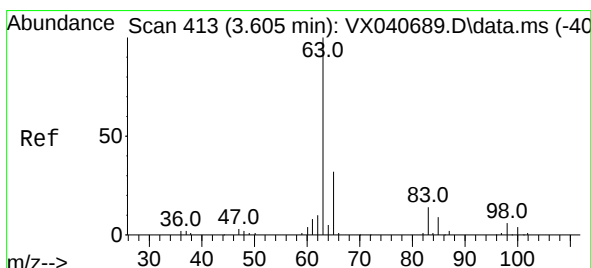
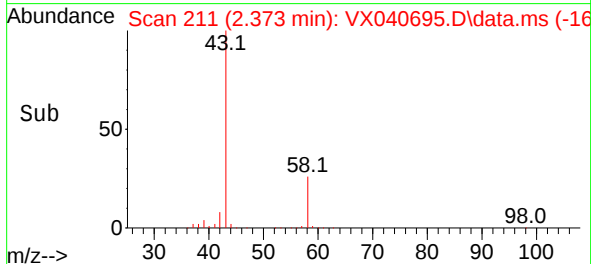
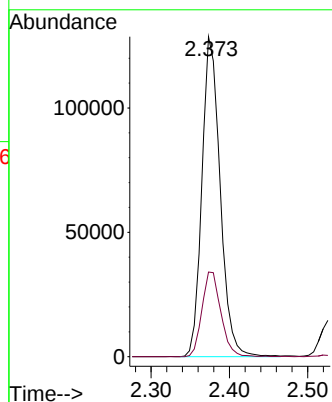
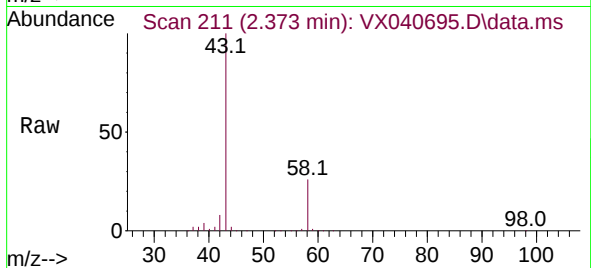
ClientSampleId :

Tgt Ion: 43 Resp: 208471

Ion Ratio Lower Upper

43 100

58 27.4 0.0 54.6



#19

1,1-Dichloroethane

Concen: 5.203 ug/L

RT: 3.611 min Scan# 414

Delta R.T. 0.006 min

Lab File: VX040695.D

Acq: 18 Mar 2024 13:42

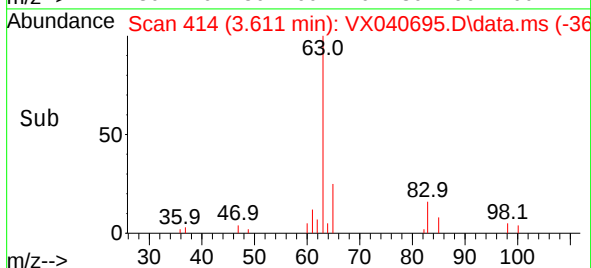
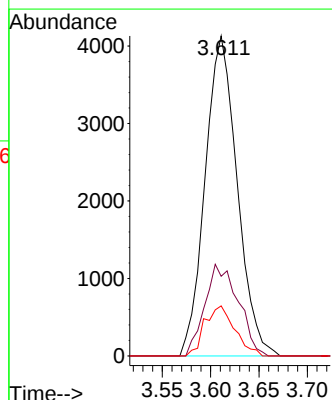
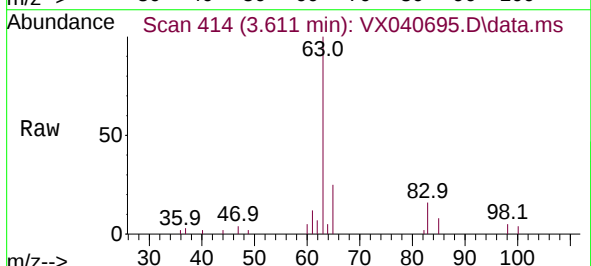
Tgt Ion: 63 Resp: 9521

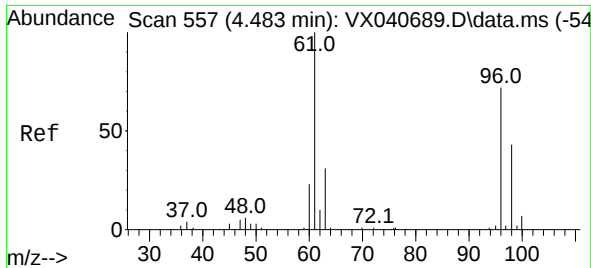
Ion Ratio Lower Upper

63 100

65 24.9 23.1 42.9

83 15.6 9.9 18.5





#20

cis-1,2-Dichloroethene

Concen: 4.451 ug/L

RT: 4.495 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX040695.D

Acq: 18 Mar 2024 13:42

Instrument :

MSVOA_X

ClientSampleId :

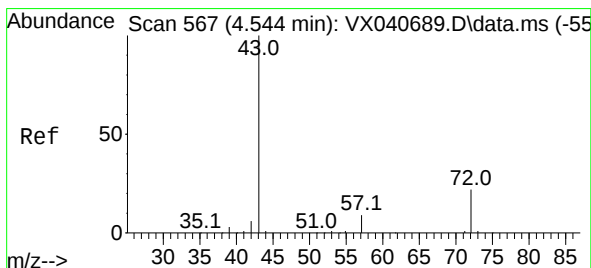
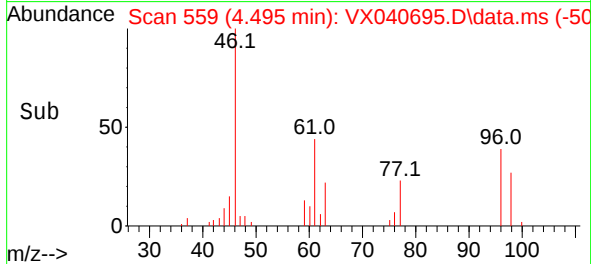
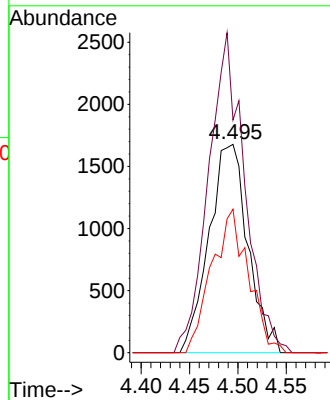
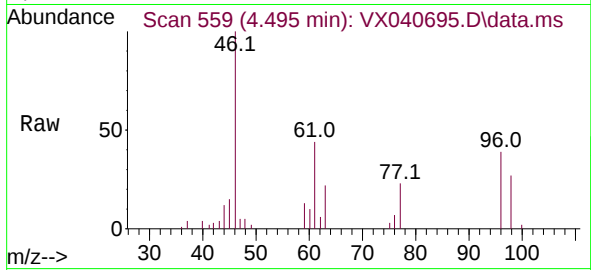
Tgt Ion: 96 Resp: 4700

Ion Ratio Lower Upper

96 100

61 111.6 93.0 172.8

98 68.9 42.4 78.6



#22

2-Butanone

Concen: 9.161 ug/L

RT: 4.562 min Scan# 570

Delta R.T. 0.018 min

Lab File: VX040695.D

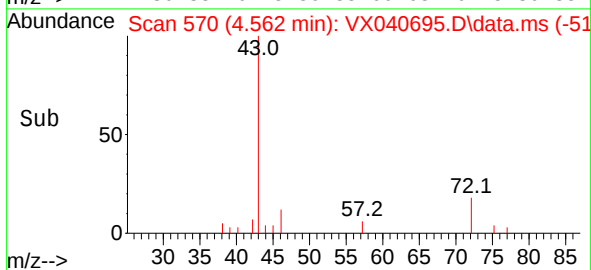
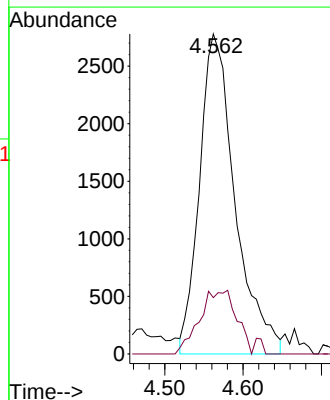
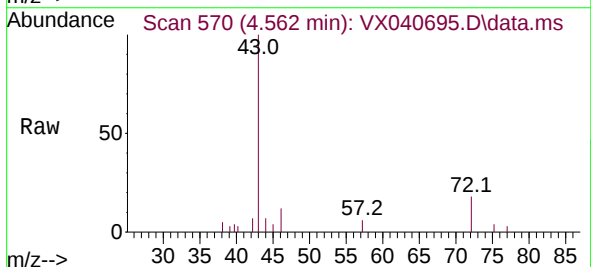
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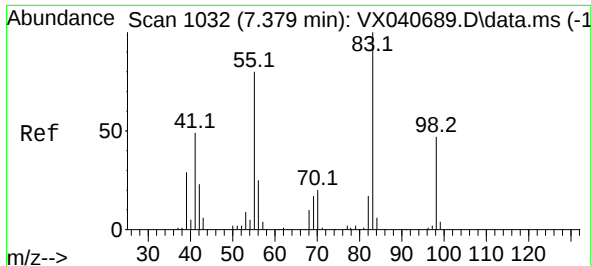
Tgt Ion: 43 Resp: 8770

Ion Ratio Lower Upper

43 100

72 9.2 12.4 37.2#





#35

Methylcyclohexane

Concen: 9.969 ug/L

RT: 7.311 min Scan# 1

Delta R.T. -0.067 min

Lab File: VX040695.D

Acq: 18 Mar 2024 13:42

Instrument :

MSVOA_X

ClientSampleId :

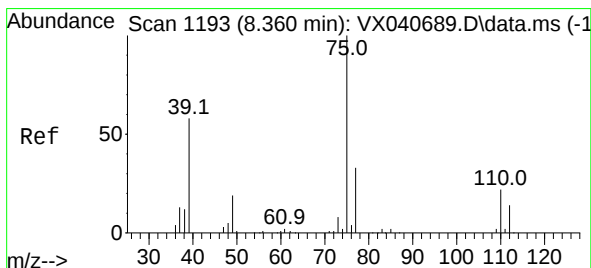
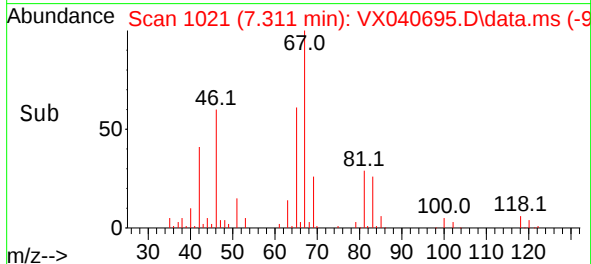
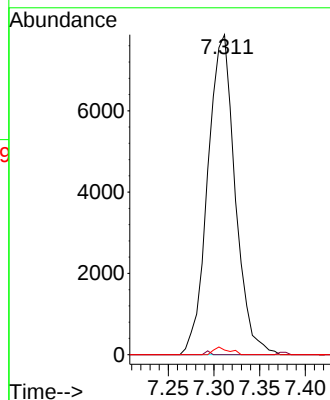
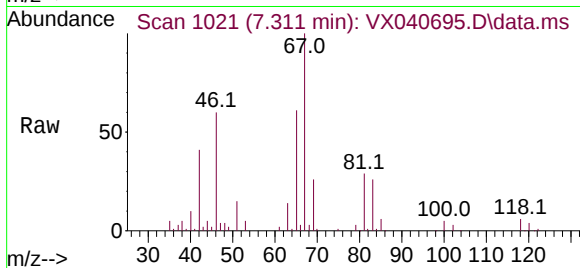
Tgt Ion: 83 Resp: 16411

Ion Ratio Lower Upper

83 100

55 0.0 62.6 94.0#

98 1.1 37.4 56.2#



#39

cis-1,3-Dichloropropene

Concen: 1.620 ug/L

RT: 8.330 min Scan# 1188

Delta R.T. -0.031 min

Lab File: VX040695.D

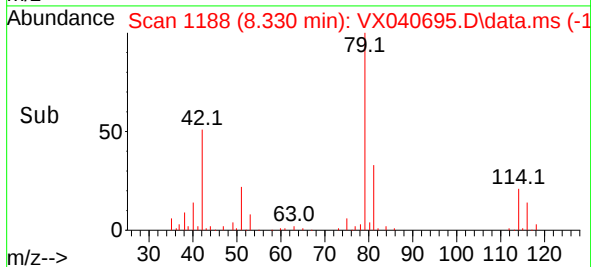
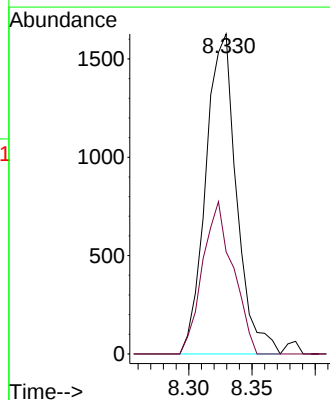
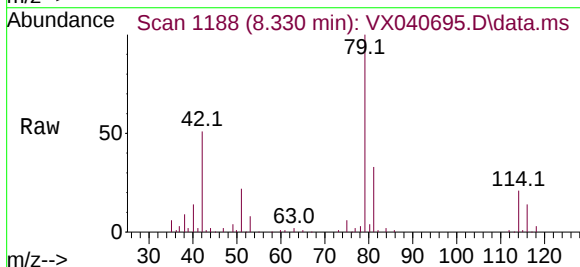
Acq: 18 Mar 2024 13:42

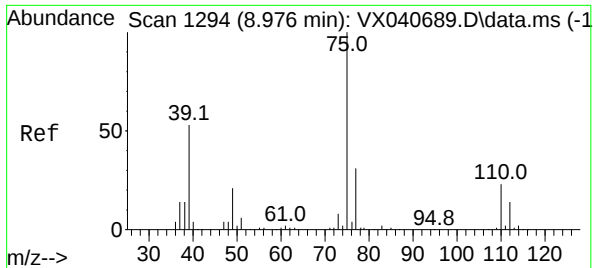
Tgt Ion: 75 Resp: 2755

Ion Ratio Lower Upper

75 100

77 31.9 21.1 39.3





#44
trans-1,3-Dichloropropene
Concen: 1.054 ug/L
RT: 8.951 min Scan# 11
Delta R.T. -0.025 min
Lab File: VX040695.D
Acq: 18 Mar 2024 13:42

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 1746
Ion Ratio Lower Upper
75 100
77 36.4 22.1 41.1

