

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122021\
 Data File : VX025936.D
 Acq On : 20 Dec 2021 23:54
 Operator : JC/MD
 Sample : M5150-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 21 02:06:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122021WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 21 01:32:07 2021
 Response via : Initial Calibration

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

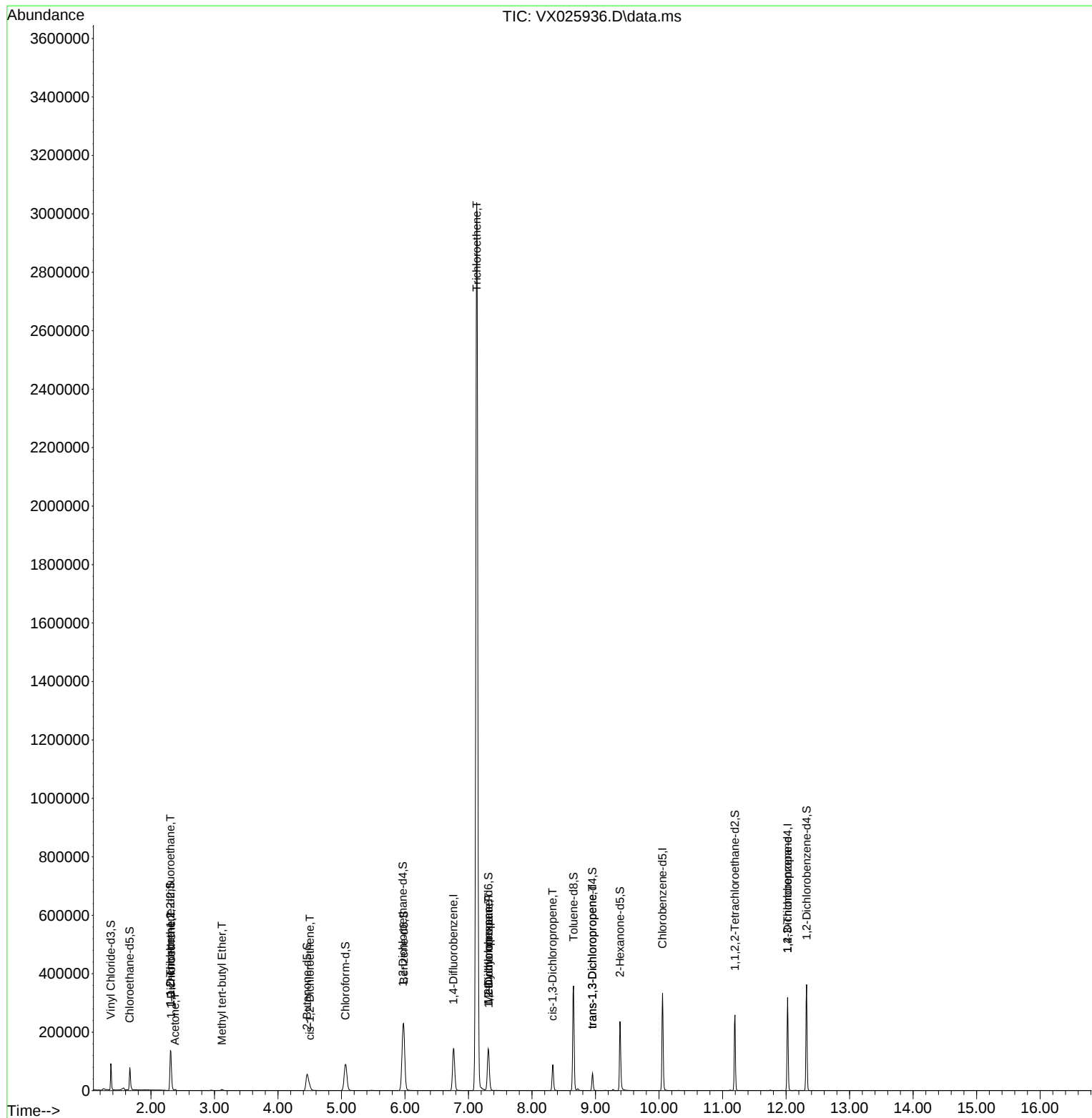
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	145423	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	143748	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	61273	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	55824	47.615	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 95.220%			
7) Chloroethane-d5	1.666	69	49940	51.010	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 102.020%			
11) 1,1-Dichloroethene-d2	2.306	63	79644	39.112	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 78.220%			
21) 2-Butanone-d5	4.458	46	94808	112.095	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 112.090%			
24) Chloroform-d	5.062	84	111253	49.503	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.000%			
26) 1,2-Dichloroethane-d4	5.964	65	76823	52.411	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.820%			
32) Benzene-d6	5.982	84	225209	51.712	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.420%			
36) 1,2-Dichloropropane-d6	7.311	67	67852	51.153	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 102.300%			
41) Toluene-d8	8.652	98	207765	50.244	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.480%			
43) trans-1,3-Dichloroprop...	8.951	79	25585	43.685	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 87.380%			
47) 2-Hexanone-d5	9.384	63	64151	107.586	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 107.590%			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	94797	50.447	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 100.900%			
66) 1,2-Dichlorobenzene-d4	12.323	152	68450	52.999	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.000%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.306	101	814	0.859	ug/L #	17
12) 1,1-Dichloroethene	2.318	96	1922	2.111	ug/L #	1
13) Acetone	2.379	43	3606	5.329	ug/L #	42
18) Methyl tert-butyl Ether	3.117	73	3671	1.067	ug/L	98
20) cis-1,2-Dichloroethene	4.501	96	8240	6.767	ug/L	100
34) Trichloroethene	7.128	95	1126395	957.433	ug/L	89
35) Methylcyclohexane	7.311	83	16650	9.790	ug/L #	20
37) 1,2-Dichloropropane	7.317	63	8192	7.306	ug/L #	85
39) cis-1,3-Dichloropropene	8.323	75	2176	1.312	ug/L	94
44) trans-1,3-Dichloropropene	8.951	75	1415	0.908	ug/L	96
61) 1,2,3-Trichloropropane	12.024	75	8643	7.001	ug/L #	65

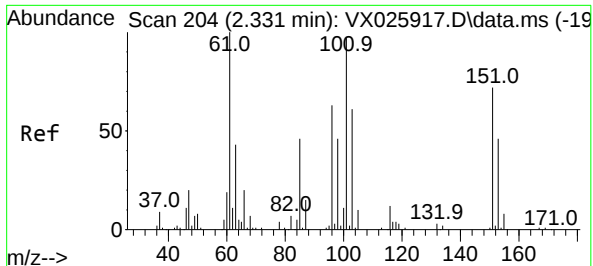
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122021WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 21 01:32:07 2021
Response via : Initial Calibration





#10

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

Concen: 0.859 ug/L

RT: 2.306 min Scan# 20

Delta R.T. -0.025 min

Lab File: VX025936.D

Acq: 20 Dec 2021 23:54

Instrument :

MSVOA_X

ClientSampleId :

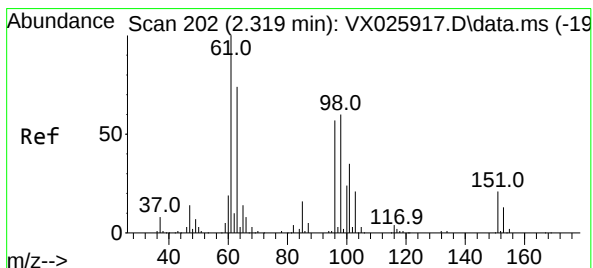
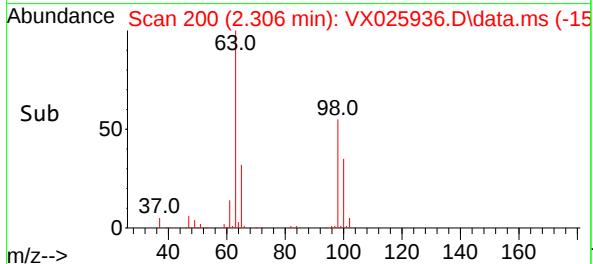
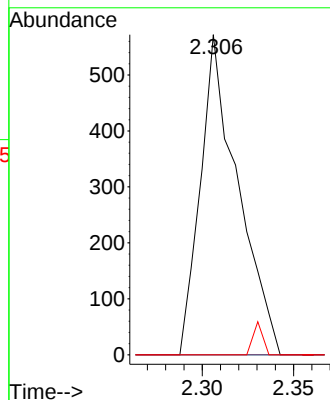
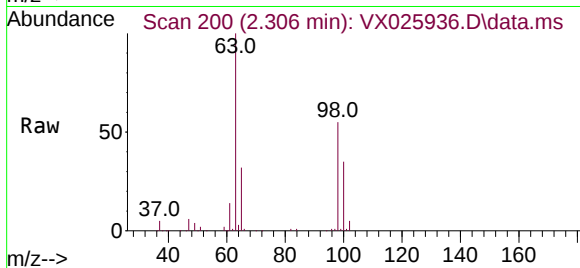
Tgt Ion:101 Resp: 814

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: 2.111 ug/L

RT: 2.318 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX025936.D

Acq: 20 Dec 2021 23:54

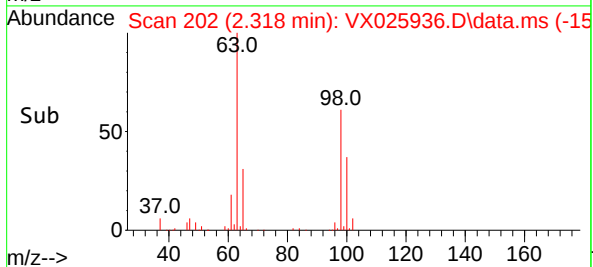
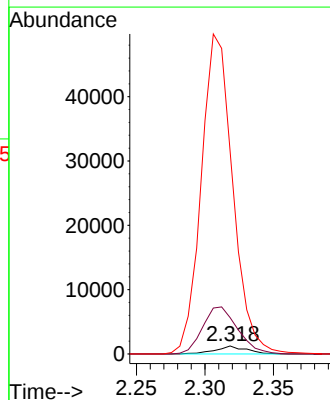
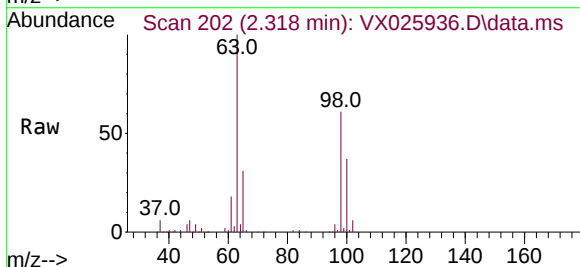
Tgt Ion: 96 Resp: 1922

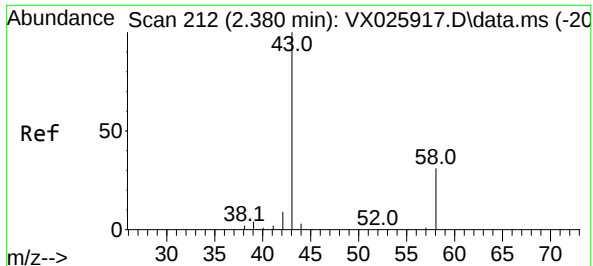
Ion Ratio Lower Upper

96 100

61 454.8 108.7 201.9#

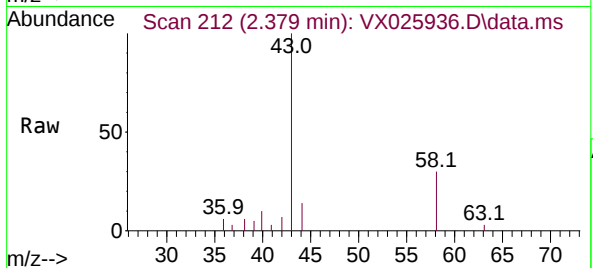
63 2539.4 76.3 141.7#



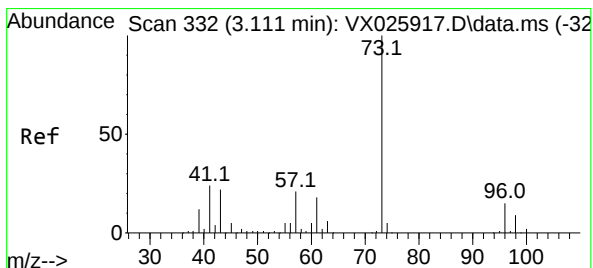
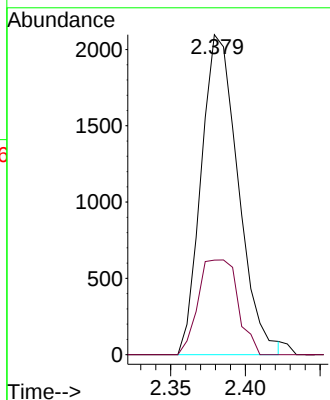
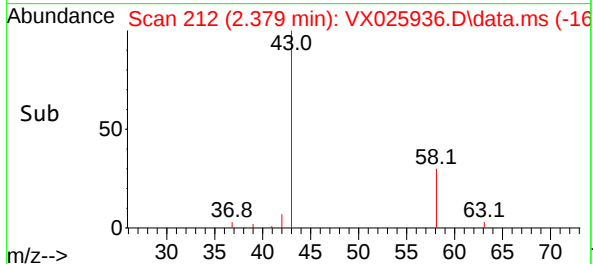


#13
Acetone
Concen: 5.329 ug/L
RT: 2.379 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX025936.D
Acq: 20 Dec 2021 23:54

Instrument :
MSVOA_X
ClientSampleId :

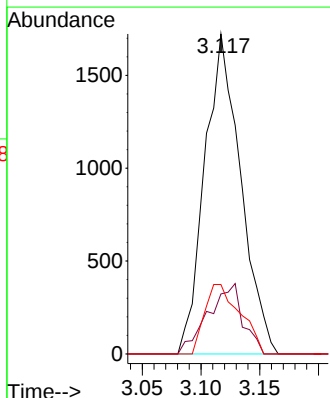
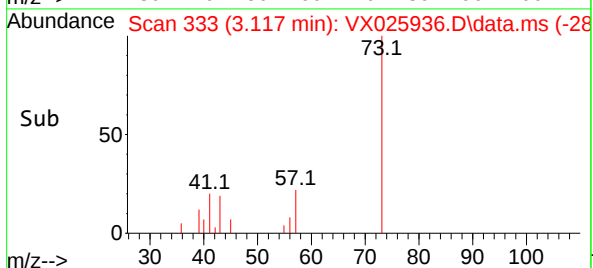
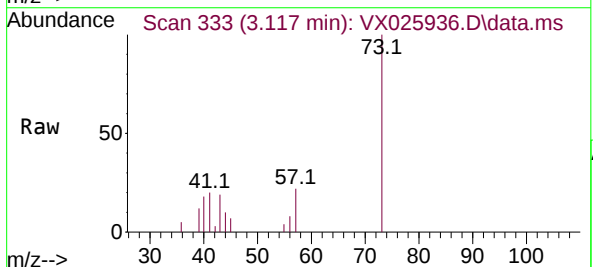


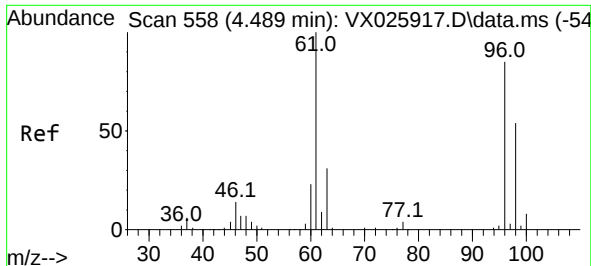
Tgt Ion: 43 Resp: 3606
Ion Ratio Lower Upper
43 100
58 0.0 0.0 65.6



#18
Methyl tert-butyl Ether
Concen: 1.067 ug/L
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX025936.D
Acq: 20 Dec 2021 23:54

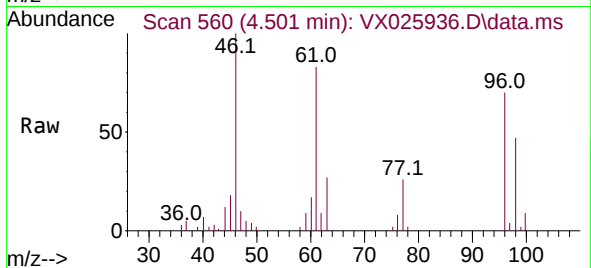
Tgt Ion: 73 Resp: 3671
Ion Ratio Lower Upper
73 100
43 21.1 15.7 23.5
57 21.3 17.3 25.9



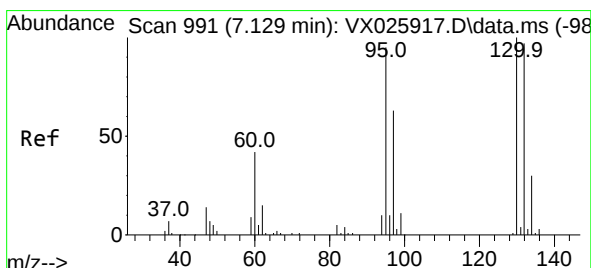
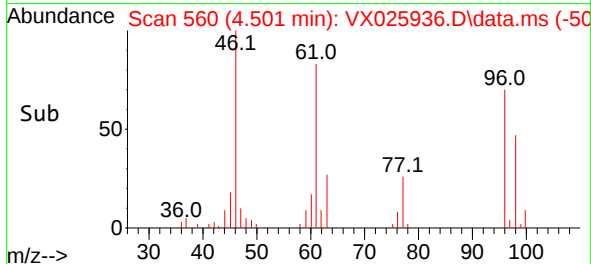
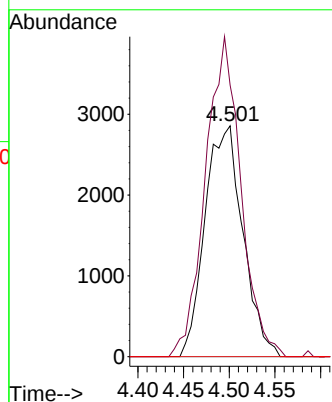


#20
cis-1,2-Dichloroethene
Concen: 6.767 ug/L
RT: 4.501 min Scan# 510
Delta R.T. 0.012 min
Lab File: VX025936.D
Acq: 20 Dec 2021 23:54

Instrument :
MSVOA_X
ClientSampleId :

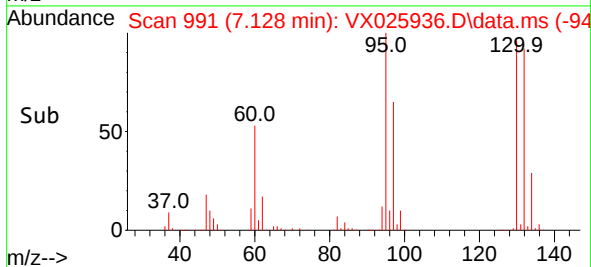
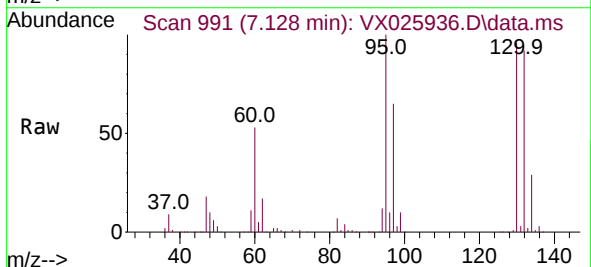
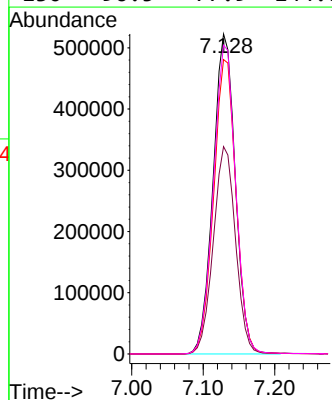


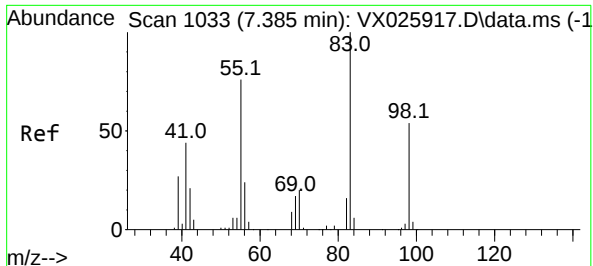
Tgt Ion: 96 Resp: 8240
Ion Ratio Lower Upper
96 100
61 117.6 82.3 152.8
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 957.433 ug/L
RT: 7.128 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX025936.D
Acq: 20 Dec 2021 23:54

Tgt Ion: 95 Resp: 1126395
Ion Ratio Lower Upper
95 100
97 64.8 46.0 85.4
132 92.0 75.0 139.2
130 96.5 77.9 144.7





#35

Methylcyclohexane

Concen: 9.790 ug/L

RT: 7.311 min Scan# 1021

Delta R.T. -0.074 min

Lab File: VX025936.D

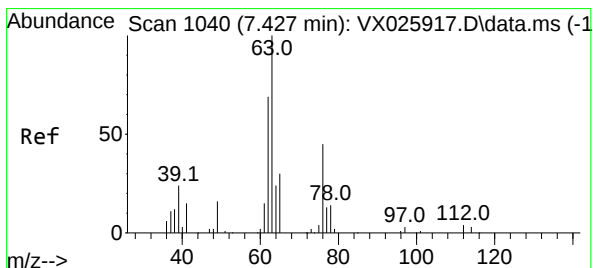
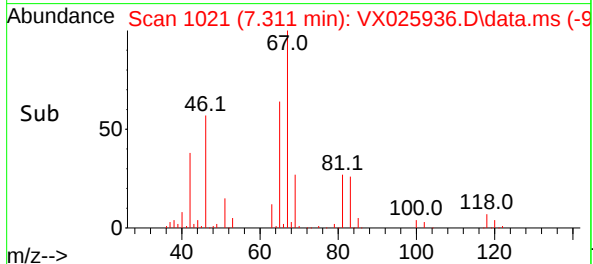
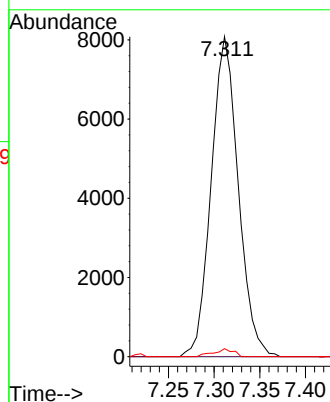
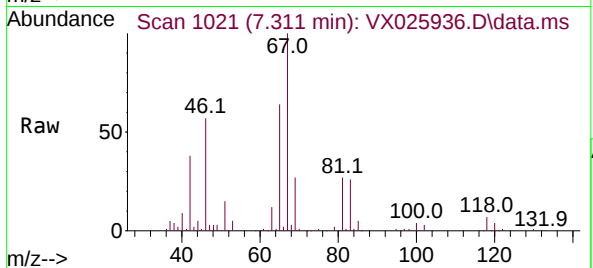
Acq: 20 Dec 2021 23:54

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 83	Resp: 16650
Ion Ratio	Lower Upper
83 100	
55 0.0	57.3 85.9#
98 1.8	41.1 61.7#



#37

1,2-Dichloropropane

Concen: 7.306 ug/L

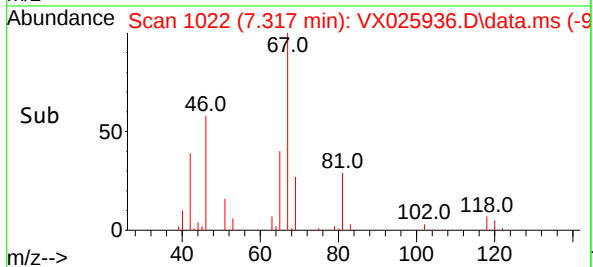
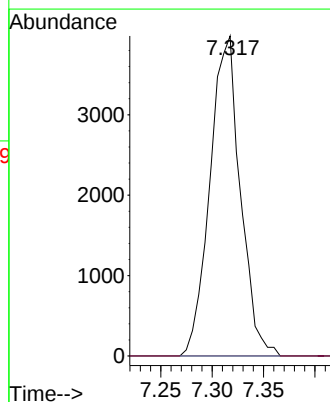
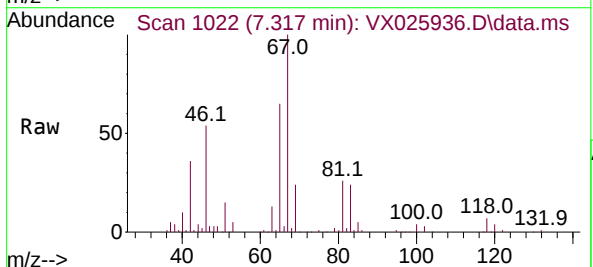
RT: 7.317 min Scan# 1022

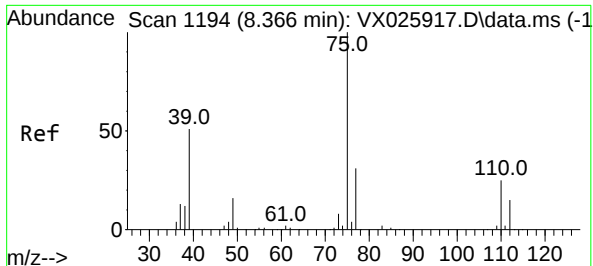
Delta R.T. -0.110 min

Lab File: VX025936.D

Acq: 20 Dec 2021 23:54

Tgt Ion: 63	Resp: 8192
Ion Ratio	Lower Upper
63 100	
112 0.0	4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 1.312 ug/L

RT: 8.323 min Scan# 1194

Delta R.T. -0.043 min

Lab File: VX025936.D

Acq: 20 Dec 2021 23:54

Instrument :

MSVOA_X

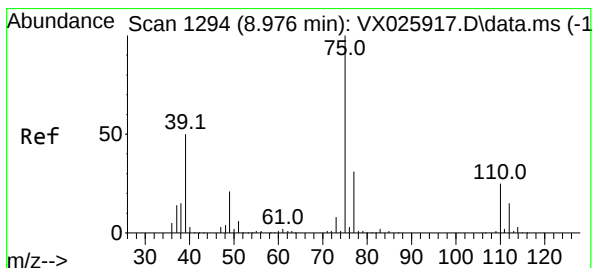
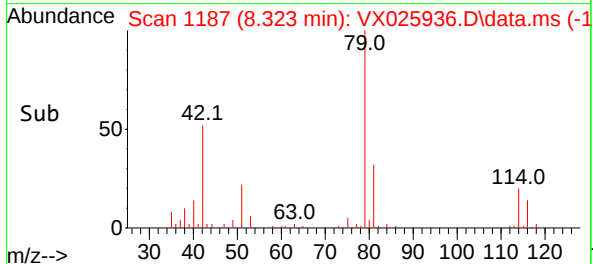
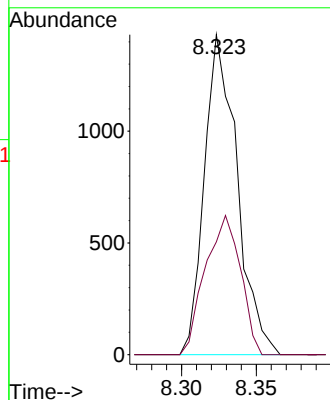
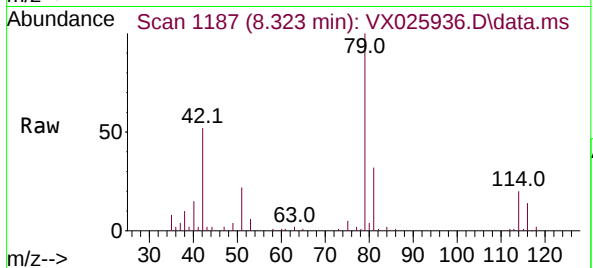
ClientSampleId :

Tgt Ion: 75 Resp: 2176

Ion Ratio Lower Upper

75 100

77 35.3 22.3 41.3



#44

trans-1,3-Dichloropropene

Concen: 0.908 ug/L

RT: 8.951 min Scan# 1290

Delta R.T. -0.025 min

Lab File: VX025936.D

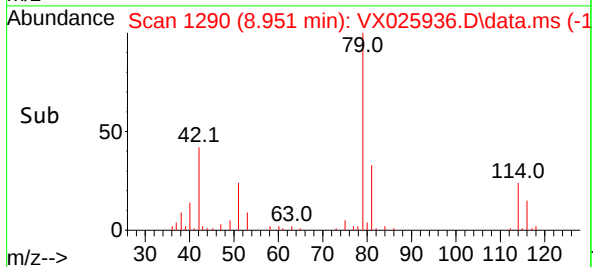
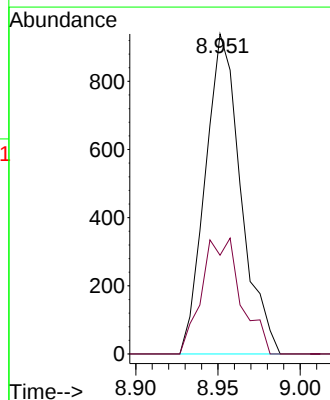
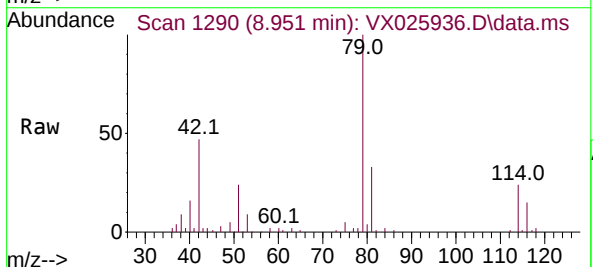
Acq: 20 Dec 2021 23:54

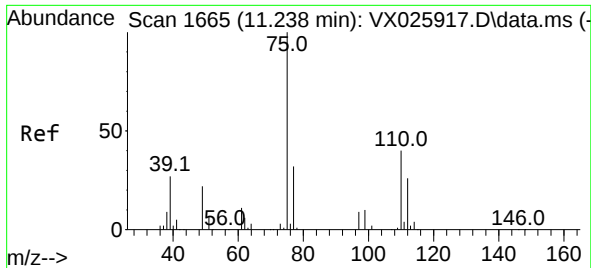
Tgt Ion: 75 Resp: 1415

Ion Ratio Lower Upper

75 100

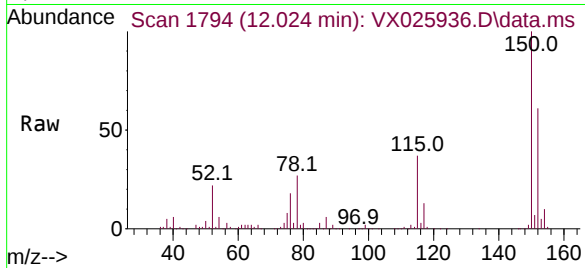
77 30.9 23.0 42.8





#61
 1,2,3-Trichloropropane
 Concen: 7.001 ug/L
 RT: 12.024 min Scan# 11
 Delta R.T. 0.786 min
 Lab File: VX025936.D
 Acq: 20 Dec 2021 23:54

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 8643
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.8 38.8
 110 5.0 34.7 52.1#

