

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122021\
 Data File : VX025934.D
 Acq On : 20 Dec 2021 23:07
 Operator : JC/MD
 Sample : M5150-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 21 02:05:55 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)

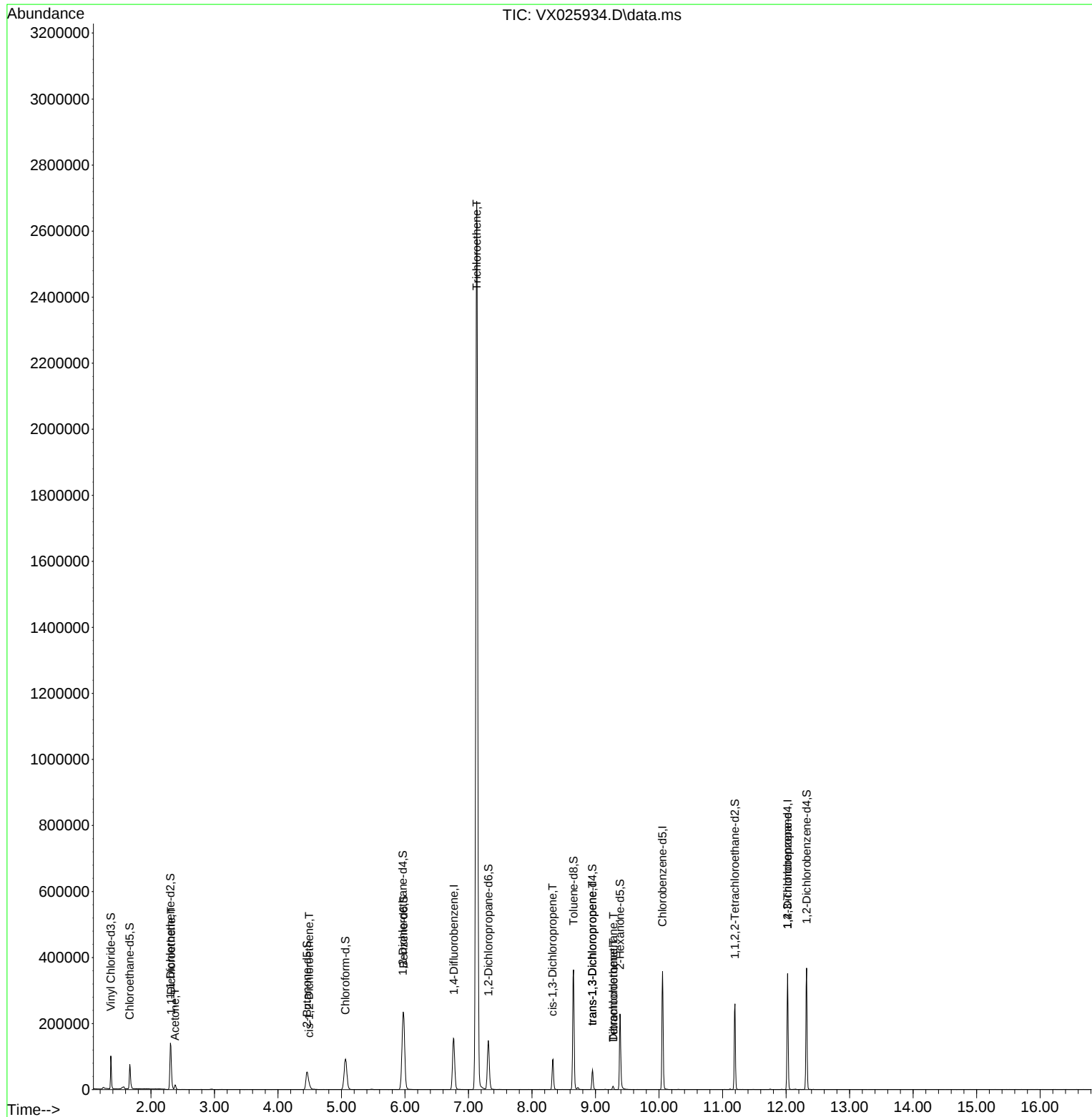
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	157064	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	157587	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	67504	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	57617	45.502	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	91.000%		
7) Chloroethane-d5	1.666	69	51261	48.478	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	96.960%		
11) 1,1-Dichloroethene-d2	2.306	63	81814	37.199	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	74.400%		
21) 2-Butanone-d5	4.458	46	92964	101.768	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	101.770%		
24) Chloroform-d	5.062	84	113166	46.622	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.240%		
26) 1,2-Dichloroethane-d4	5.964	65	79075	49.949	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.900%		
32) Benzene-d6	5.976	84	228200	47.797	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.600%		
36) 1,2-Dichloropropane-d6	7.312	67	69087	47.510	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	95.020%		
41) Toluene-d8	8.653	98	212028	46.772	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.540%		
43) trans-1,3-Dichloroprop...	8.952	79	26850	41.819	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.640%		
47) 2-Hexanone-d5	9.384	63	63665	97.395	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	97.390%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	96219	46.707	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.420%		
66) 1,2-Dichlorobenzene-d4	12.323	152	69970	49.175	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.340%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.319	96	1508	1.533	ug/L #	1
13) Acetone	2.380	43	13982	19.132	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	3791	2.883	ug/L	96
34) Trichloroethene	7.129	95	1004138	778.561	ug/L	89
39) cis-1,3-Dichloropropene	8.324	75	2199	1.209	ug/L #	66
44) trans-1,3-Dichloropropene	8.952	75	1427	0.836	ug/L	93
46) Tetrachloroethene	9.281	164	1610	1.628	ug/L	88
49) Dibromochloromethane	9.281	129	1738	1.298	ug/L #	12
61) 1,2,3-Trichloropropane	12.024	75	9407	6.916	ug/L #	61

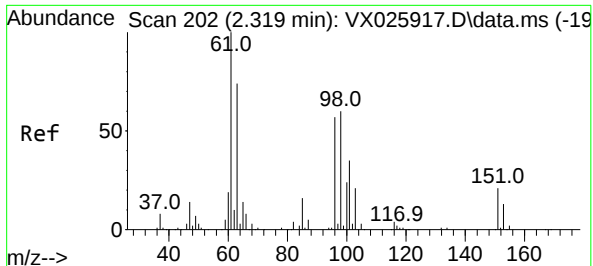
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 1.533 ug/L

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX025934.D

Acq: 20 Dec 2021 23:07

Instrument :

MSVOA_X

ClientSampleId :

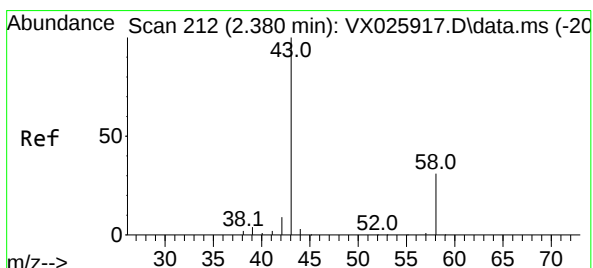
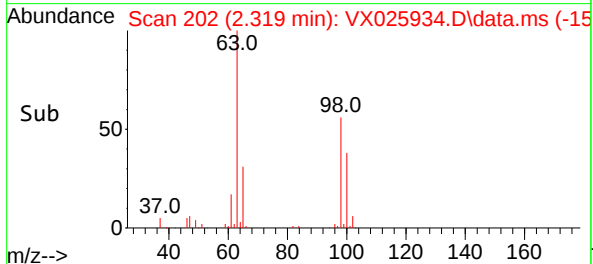
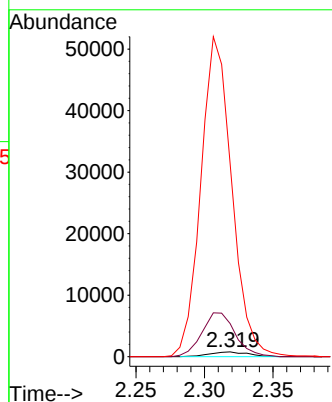
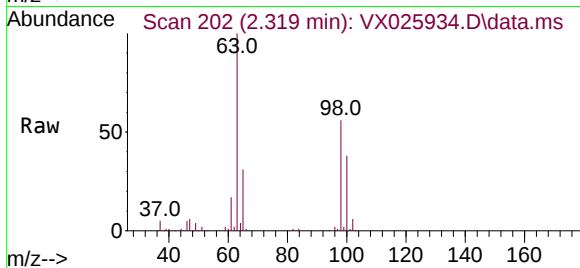
Tgt Ion: 96 Resp: 1508

Ion Ratio Lower Upper

96 100

61 693.7 108.7 201.9#

63 4051.6 76.3 141.7#



#13

Acetone

Concen: 19.132 ug/L

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX025934.D

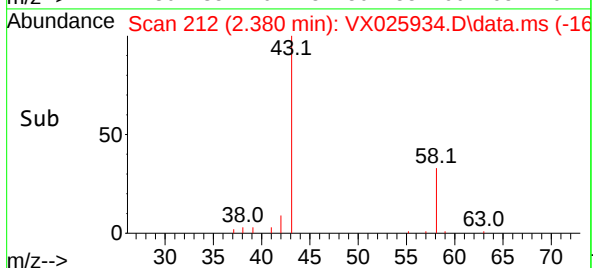
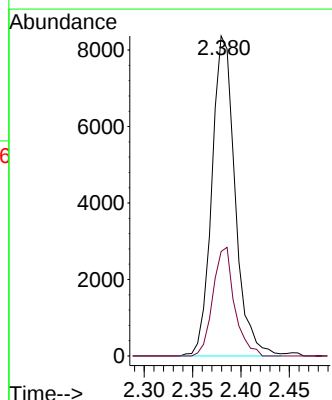
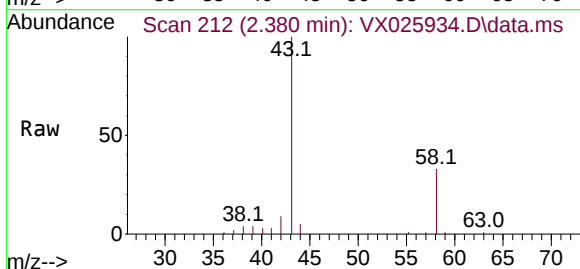
Acq: 20 Dec 2021 23:07

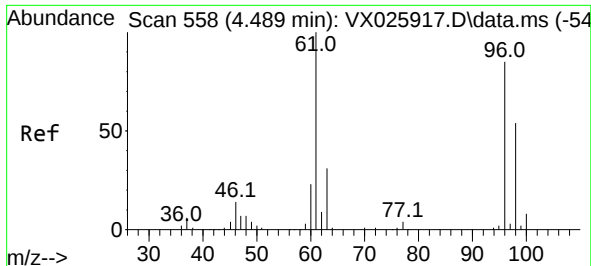
Tgt Ion: 43 Resp: 13982

Ion Ratio Lower Upper

43 100

58 31.5 0.0 65.6

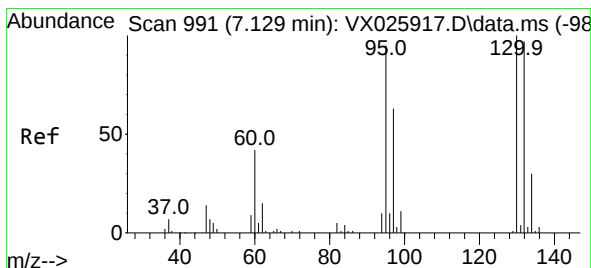
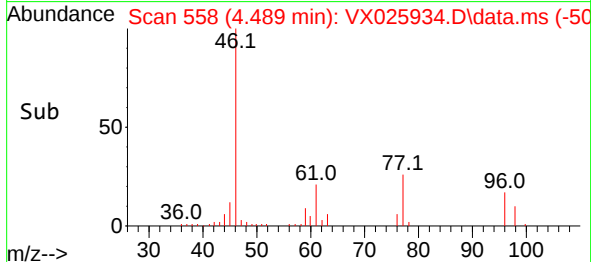
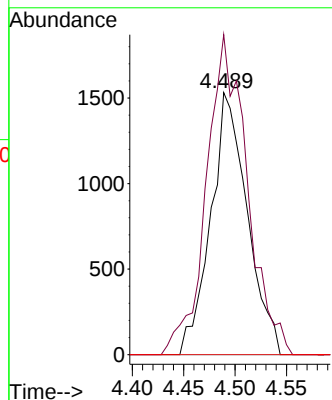
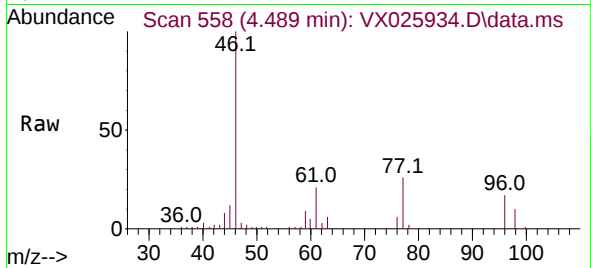




#20
 cis-1,2-Dichloroethene
 Concen: 2.883 ug/L
 RT: 4.489 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VX025934.D
 Acq: 20 Dec 2021 23:07

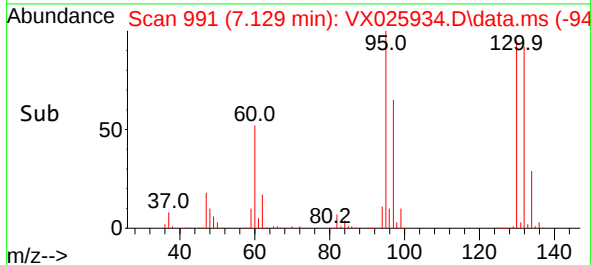
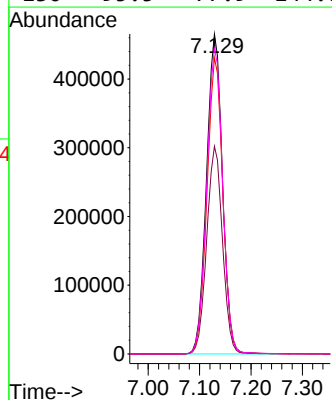
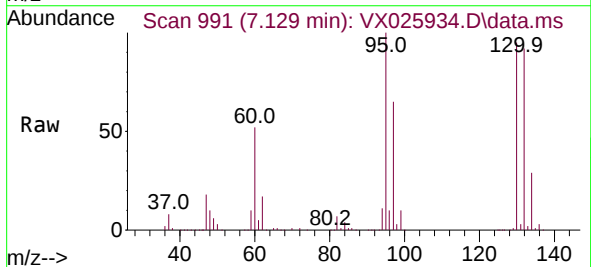
Instrument :
 MSVOA_X
 ClientSampleId :

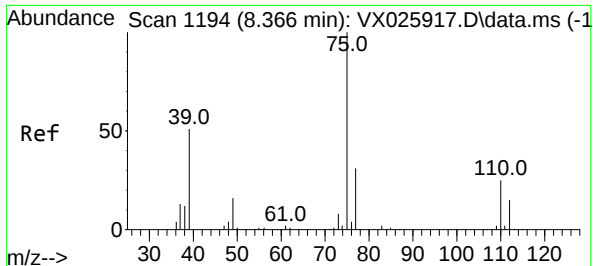
Tgt Ion: 96 Resp: 3791
 Ion Ratio Lower Upper
 96 100
 61 122.1 82.3 152.8
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 778.561 ug/L
 RT: 7.129 min Scan# 991
 Delta R.T. -0.000 min
 Lab File: VX025934.D
 Acq: 20 Dec 2021 23:07

Tgt Ion: 95 Resp: 1004138
 Ion Ratio Lower Upper
 95 100
 97 64.9 46.0 85.4
 132 92.5 75.0 139.2
 130 95.5 77.9 144.7





#39

cis-1,3-Dichloropropene

Concen: 1.209 ug/L

RT: 8.324 min Scan# 1194

Delta R.T. -0.043 min

Lab File: VX025934.D

Acq: 20 Dec 2021 23:07

Instrument :

MSVOA_X

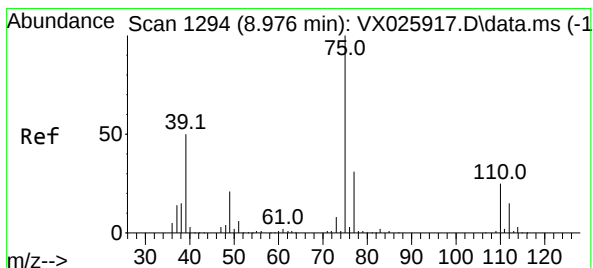
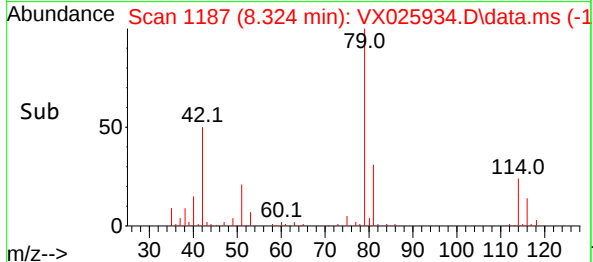
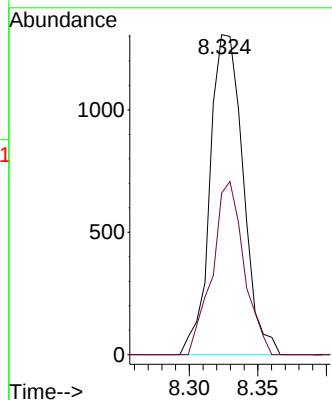
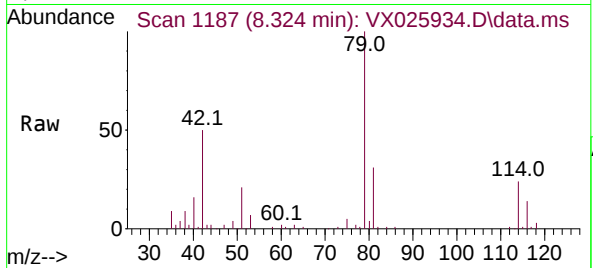
ClientSampleId :

Tgt Ion: 75 Resp: 2199

Ion Ratio Lower Upper

75 100

77 50.5 22.3 41.3#



#44

trans-1,3-Dichloropropene

Concen: 0.836 ug/L

RT: 8.952 min Scan# 1290

Delta R.T. -0.024 min

Lab File: VX025934.D

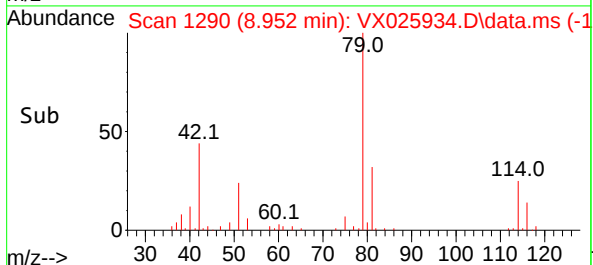
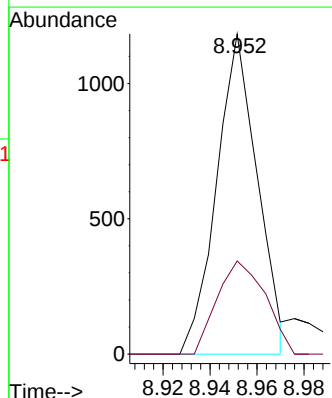
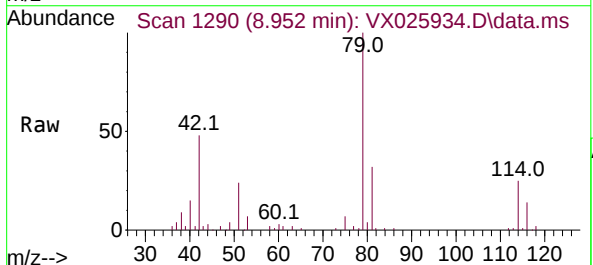
Acq: 20 Dec 2021 23:07

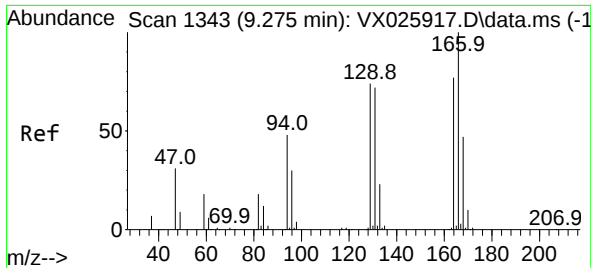
Tgt Ion: 75 Resp: 1427

Ion Ratio Lower Upper

75 100

77 29.1 23.0 42.8





#46

Tetrachloroethene

Concen: 1.628 ug/L

RT: 9.281 min Scan# 1344

Delta R.T. 0.006 min

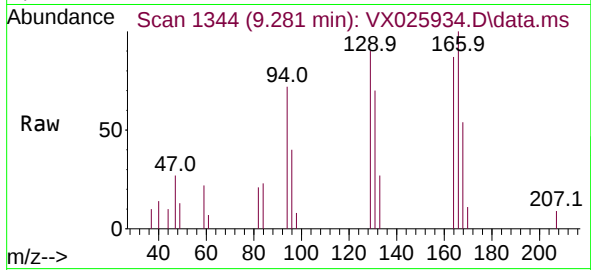
Lab File: VX025934.D

Acq: 20 Dec 2021 23:07

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:164 Resp: 1610

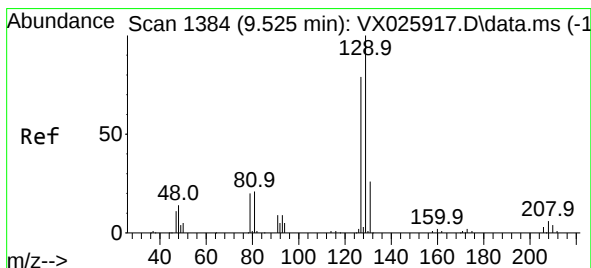
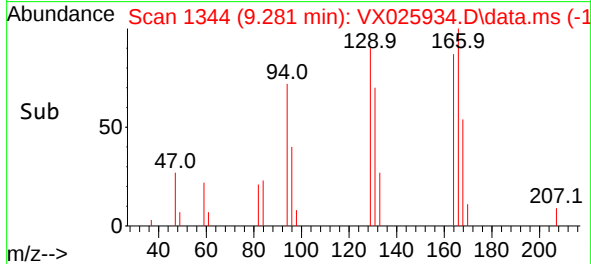
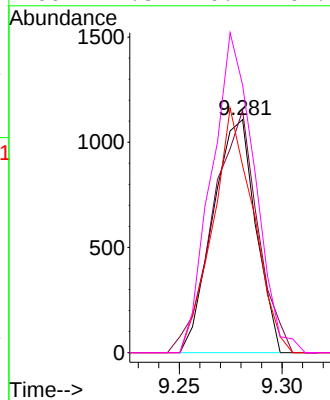
Ion Ratio Lower Upper

164 100

129 103.9 64.7 120.1

131 80.2 63.2 117.4

166 114.8 90.1 167.3



#49

Dibromochloromethane

Concen: 1.298 ug/L

RT: 9.281 min Scan# 1344

Delta R.T. -0.244 min

Lab File: VX025934.D

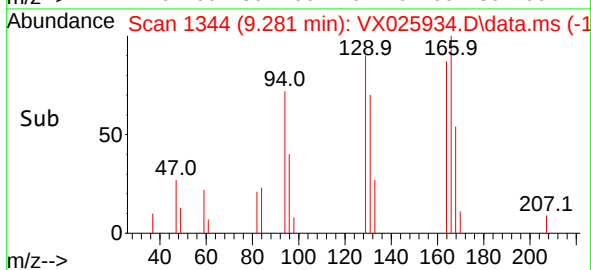
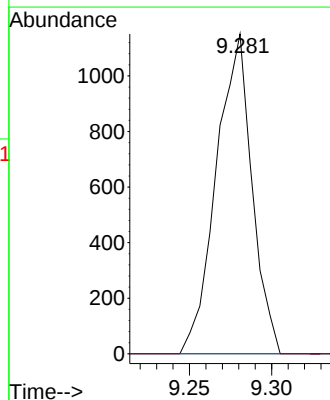
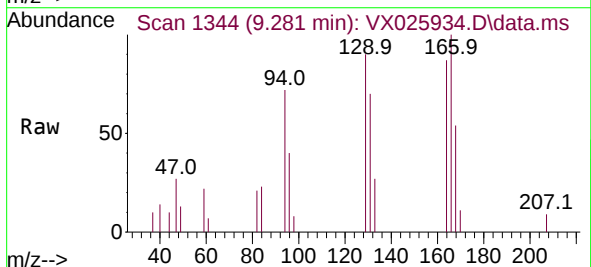
Acq: 20 Dec 2021 23:07

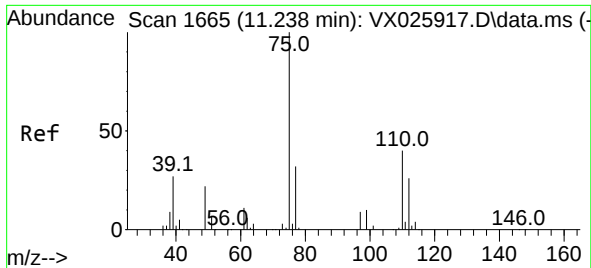
Tgt Ion:129 Resp: 1738

Ion Ratio Lower Upper

129 100

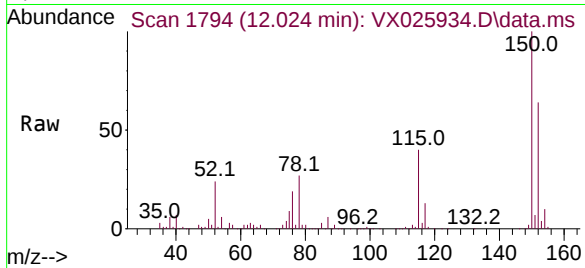
127 0.0 52.4 97.2#





#61
 1,2,3-Trichloropropane
 Concen: 6.916 ug/L
 RT: 12.024 min Scan# 11
 Delta R.T. 0.786 min
 Lab File: VX025934.D
 Acq: 20 Dec 2021 23:07

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75	Resp:	9407
Ion Ratio	Lower	Upper
75	100	
77	28.0	25.8 38.8
110	3.6	34.7 52.1#

