

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081822\
 Data File : VX030681.D
 Acq On : 18 Aug 2022 13:40
 Operator : JC/MD
 Sample : N4221-12DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 18 14:45:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 18 04:21:09 2022
 Response via : Initial Calibration

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

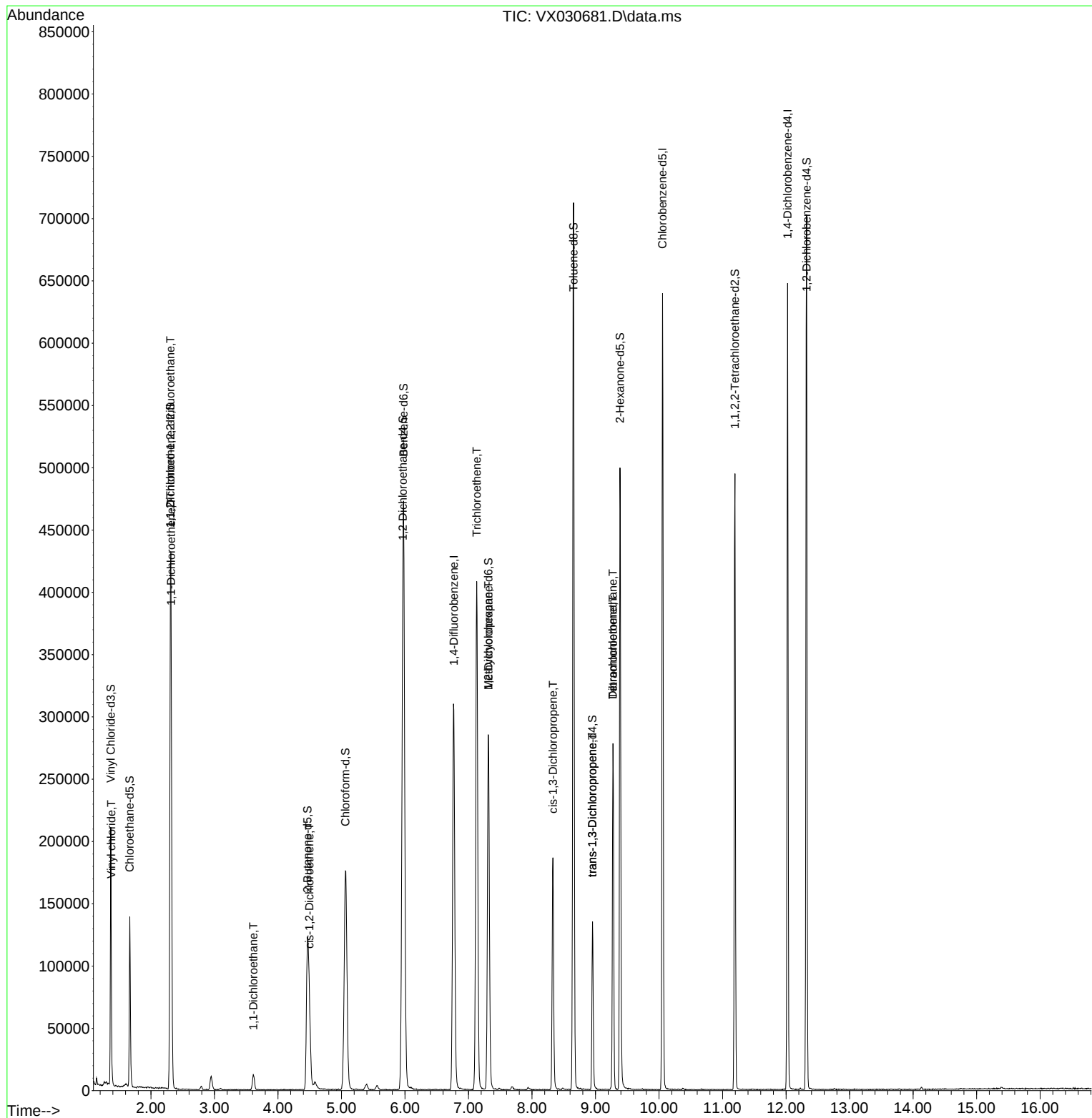
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	324038	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	292283	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	125433	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	118186	56.795	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	= 113.600%		
7) Chloroethane-d5	1.666	69	87421	59.594	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	= 119.180%		
11) 1,1-Dichloroethene-d2	2.306	63	208110	52.870	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 105.740%		
21) 2-Butanone-d5	4.465	46	196452	101.890	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	= 101.890%		
24) Chloroform-d	5.062	84	231715	54.093	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 108.180%		
26) 1,2-Dichloroethane-d4	5.964	65	144647	49.731	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 99.460%		
32) Benzene-d6	5.976	84	481377	57.496	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 115.000%		
36) 1,2-Dichloropropane-d6	7.312	67	158024	58.175	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	= 116.340%		
41) Toluene-d8	8.653	98	429715	54.450	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 108.900%		
43) trans-1,3-Dichloroprop...	8.952	79	66503	49.213	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 98.420%		
47) 2-Hexanone-d5	9.384	63	147785	106.736	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	= 106.740%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	201320	56.417	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	= 112.840%		
66) 1,2-Dichlorobenzene-d4	12.323	152	139936	57.518	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 115.040%		
Target Compounds						
						Qvalue
5) Vinyl chloride	1.374	62	9860	4.403	ug/L #	79
10) 1,1,2-Trichloro-1,2,2-...	2.306	101	1992	1.012	ug/L #	22
12) 1,1-Dichloroethene	2.319	96	69266	38.191	ug/L	92
19) 1,1-Dichloroethane	3.611	63	13482	3.317	ug/L	97
20) cis-1,2-Dichloroethene	4.495	96	25810	10.920	ug/L	97
34) Trichloroethene	7.129	95	159603	58.804	ug/L	85
35) Methylcyclohexane	7.312	83	35494	8.983	ug/L #	18
39) cis-1,3-Dichloropropene	8.330	75	3906	1.051	ug/L #	70
44) trans-1,3-Dichloropropene	8.952	75	2827	0.777	ug/L #	82
46) Tetrachloroethene	9.275	164	49633	28.935	ug/L	93
49) Dibromochloromethane	9.275	129	51343	20.830	ug/L #	10

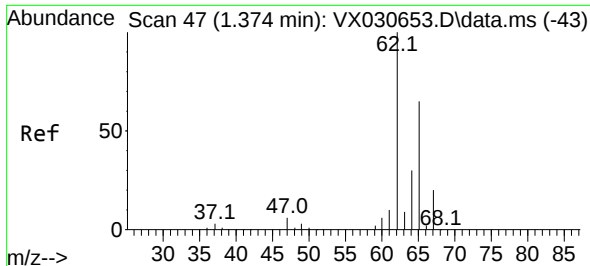
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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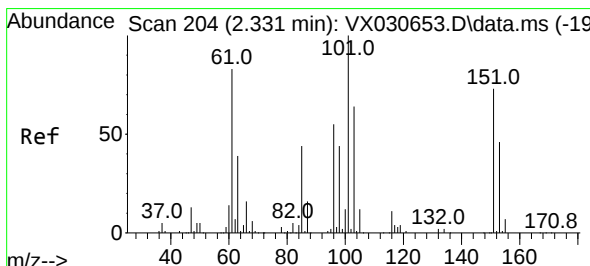
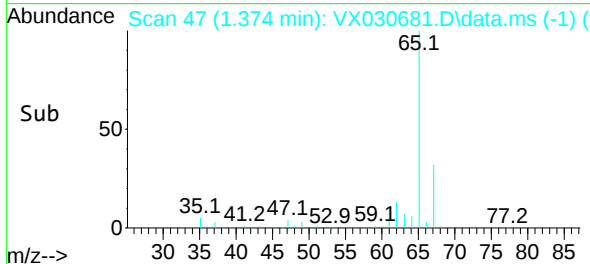
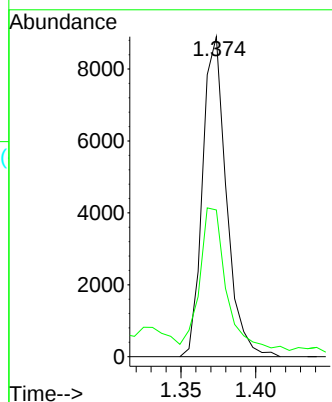
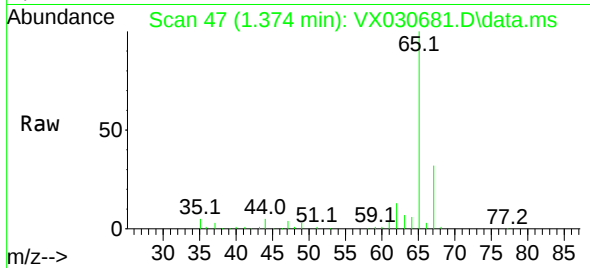




#5
 Vinyl chloride
 Concen: 4.403 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX030681.D
 Acq: 18 Aug 2022 13:40

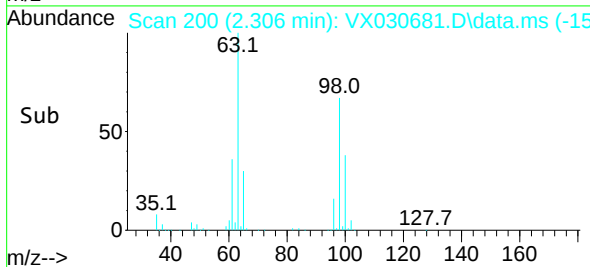
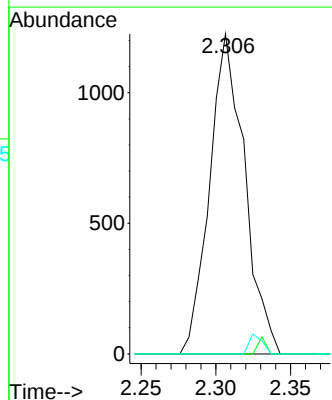
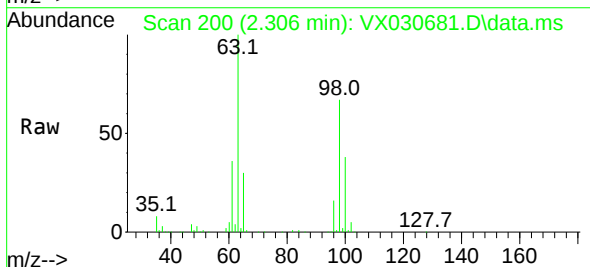
Instrument :
 MSVOA_X
 ClientSampleId :

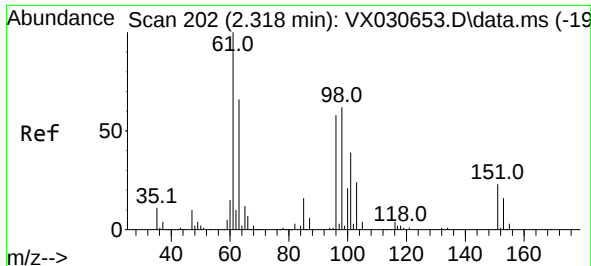
Tgt Ion: 62 Resp: 9860
 Ion Ratio Lower Upper
 62 100
 64 45.9 23.8 44.2#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.012 ug/L
 RT: 2.306 min Scan# 200
 Delta R.T. -0.024 min
 Lab File: VX030681.D
 Acq: 18 Aug 2022 13:40

Tgt Ion: 101 Resp: 1992
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.3 52.9#
 151 2.3 58.3 87.5#





#12

1,1-Dichloroethene

Concen: 38.191 ug/L

RT: 2.319 min Scan# 20

Delta R.T. 0.000 min

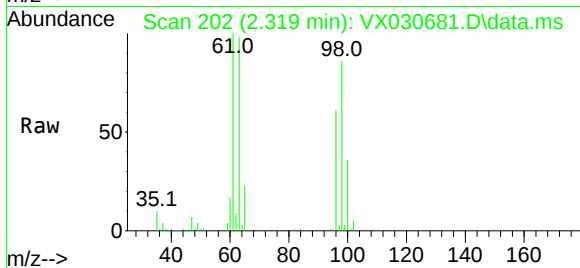
Lab File: VX030681.D

Acq: 18 Aug 2022 13:40

Instrument :

MSVOA_X

ClientSampleId :



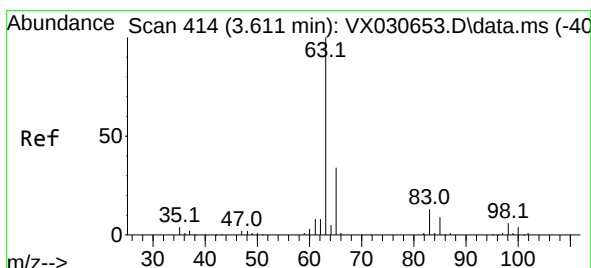
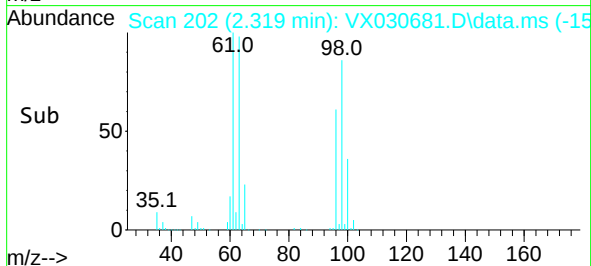
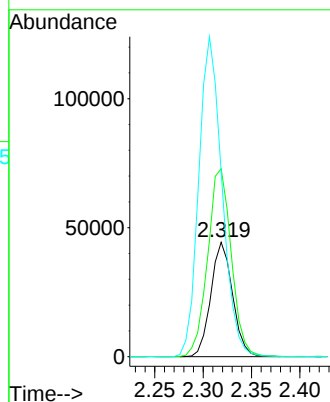
Tgt Ion: 96 Resp: 69266

Ion Ratio Lower Upper

96 100

61 164.2 130.2 241.8

63 161.7 113.5 210.9



#19

1,1-Dichloroethane

Concen: 3.317 ug/L

RT: 3.611 min Scan# 414

Delta R.T. 0.000 min

Lab File: VX030681.D

Acq: 18 Aug 2022 13:40

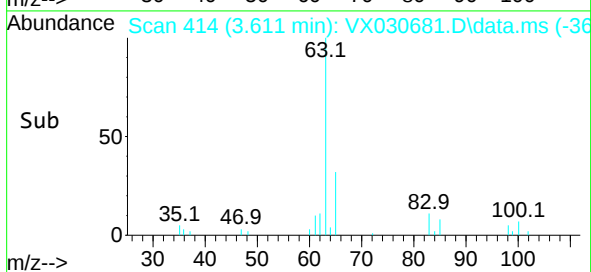
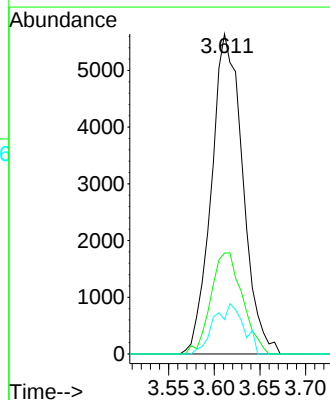
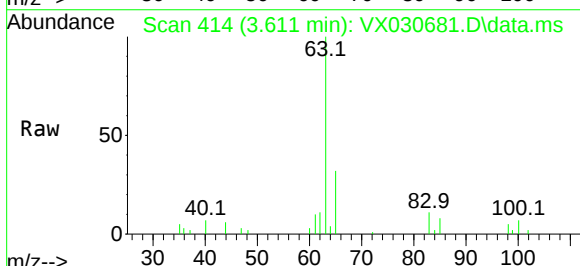
Tgt Ion: 63 Resp: 13482

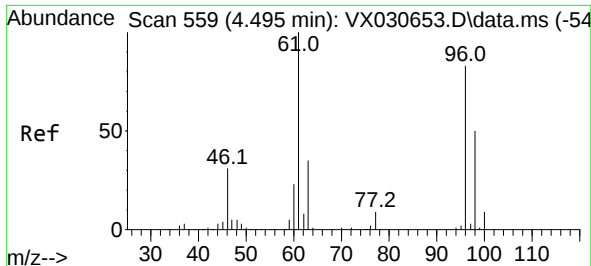
Ion Ratio Lower Upper

63 100

65 31.6 22.0 40.8

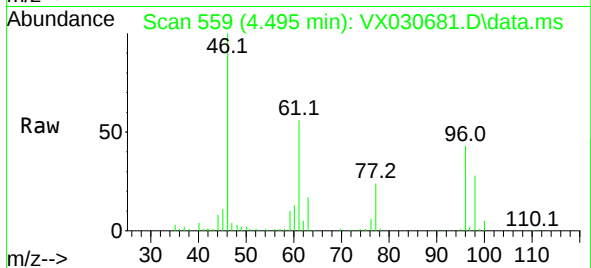
83 10.8 9.9 18.3



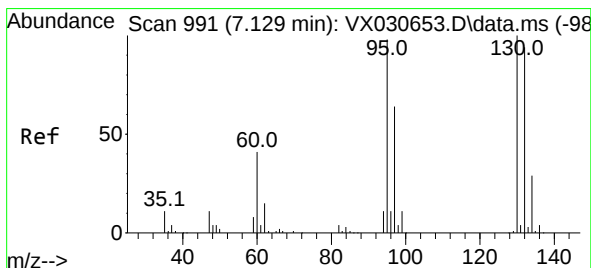
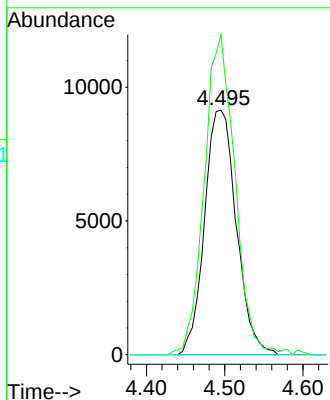
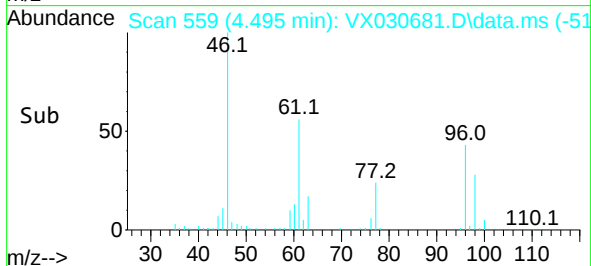


#20
 cis-1,2-Dichloroethene
 Concen: 10.920 ug/L
 RT: 4.495 min Scan# 511
 Delta R.T. 0.000 min
 Lab File: VX030681.D
 Acq: 18 Aug 2022 13:40

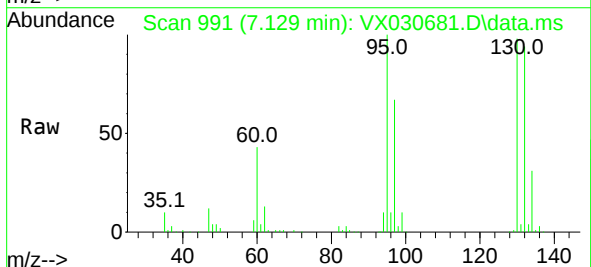
Instrument :
 MSVOA_X
 ClientSampleId :



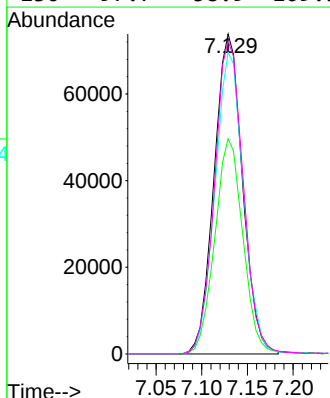
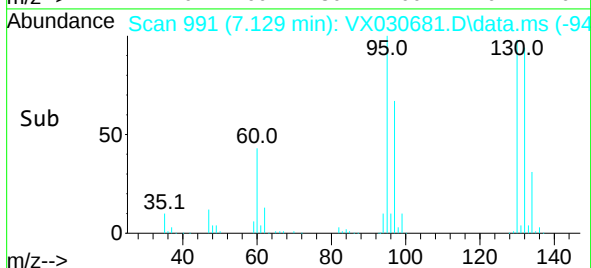
Tgt Ion: 96 Resp: 25810
 Ion Ratio Lower Upper
 96 100
 61 130.8 94.0 174.6
 68 0.0 0.0 0.0

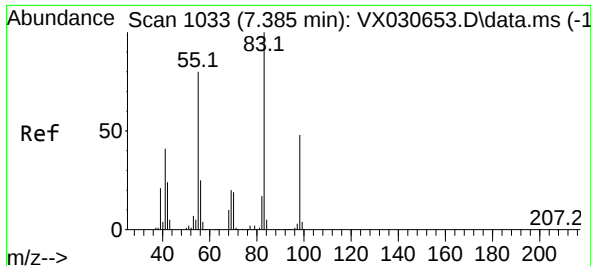


#34
 Trichloroethene
 Concen: 58.804 ug/L
 RT: 7.129 min Scan# 991
 Delta R.T. 0.000 min
 Lab File: VX030681.D
 Acq: 18 Aug 2022 13:40



Tgt Ion: 95 Resp: 159603
 Ion Ratio Lower Upper
 95 100
 97 67.3 40.2 74.6
 132 94.2 55.3 102.7
 130 97.7 58.9 109.5

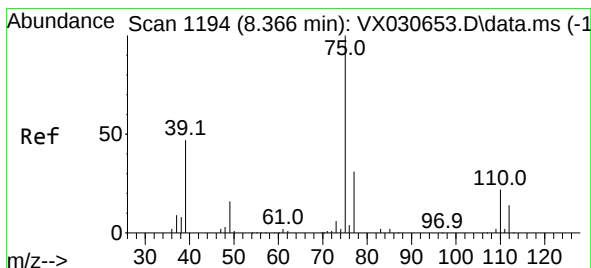
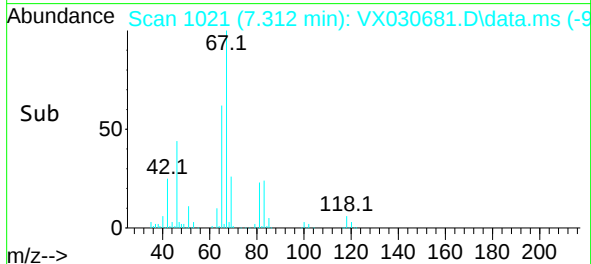
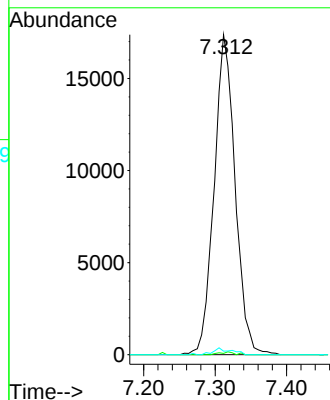
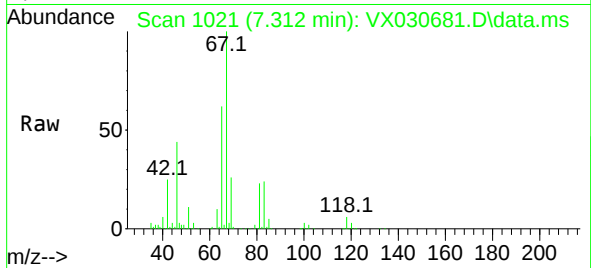




#35
Methylcyclohexane
Concen: 8.983 ug/L
RT: 7.312 min Scan# 1033
Delta R.T. -0.073 min
Lab File: VX030681.D
Acq: 18 Aug 2022 13:40

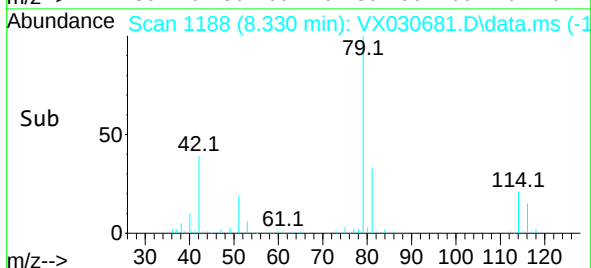
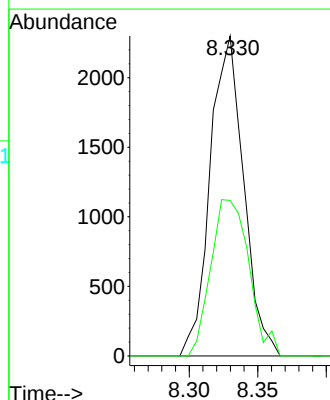
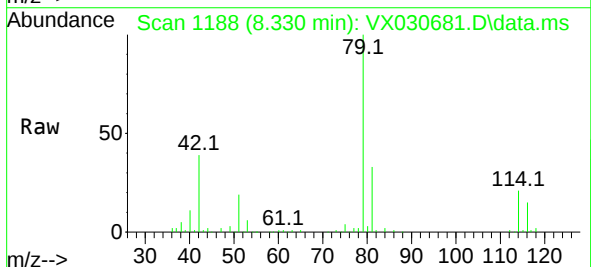
Instrument :
MSVOA_X
ClientSampleId :

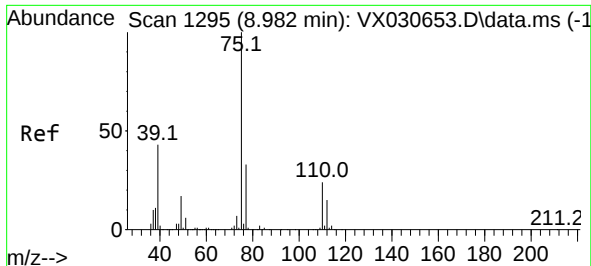
Tgt Ion: 83 Resp: 35494
Ion Ratio Lower Upper
83 100
55 0.3 64.0 96.0#
98 0.8 36.7 55.1#



#39
cis-1,3-Dichloropropene
Concen: 1.051 ug/L
RT: 8.330 min Scan# 1188
Delta R.T. -0.036 min
Lab File: VX030681.D
Acq: 18 Aug 2022 13:40

Tgt Ion: 75 Resp: 3906
Ion Ratio Lower Upper
75 100
77 48.6 22.4 41.6#

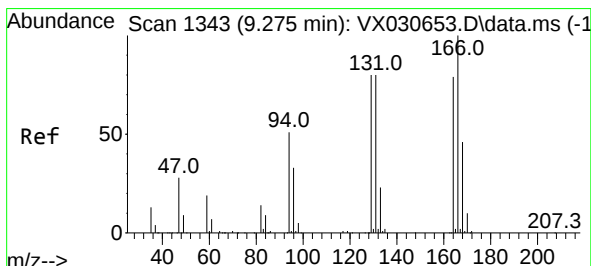
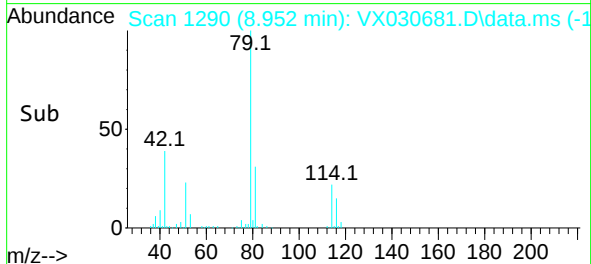
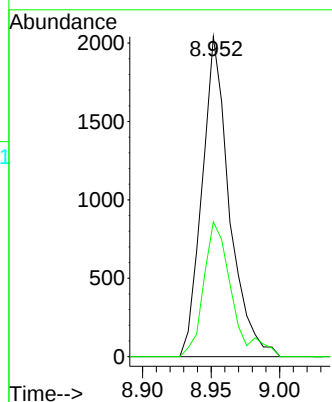
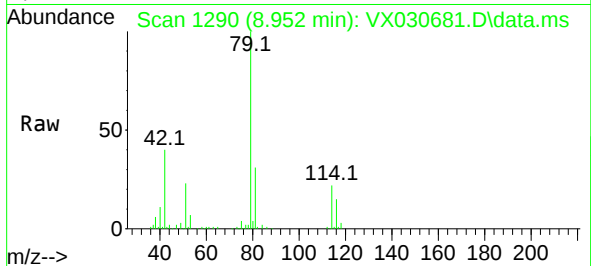




#44
trans-1,3-Dichloropropene
Concen: 0.777 ug/L
RT: 8.952 min Scan# 11
Delta R.T. -0.030 min
Lab File: VX030681.D
Acq: 18 Aug 2022 13:40

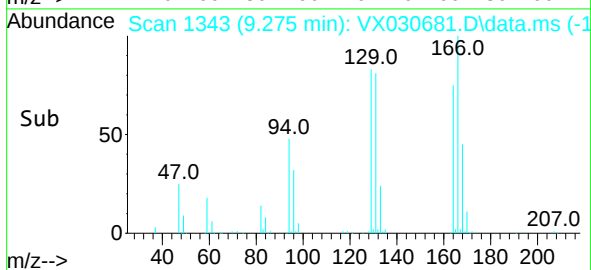
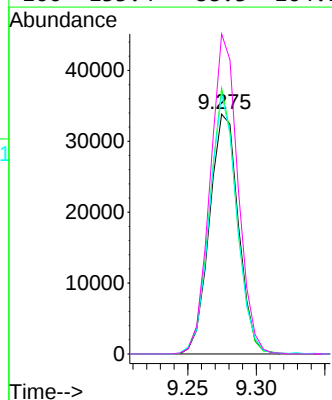
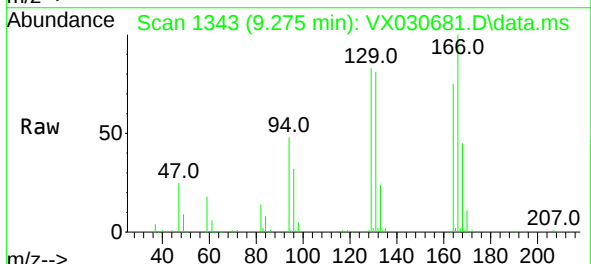
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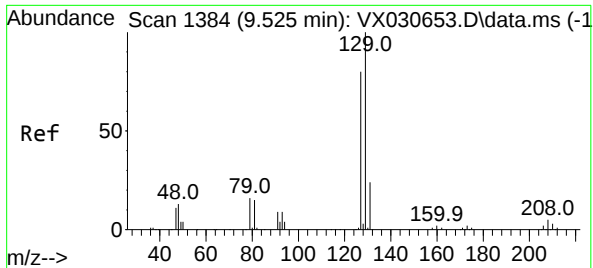
Tgt Ion: 75 Resp: 2827
Ion Ratio Lower Upper
75 100
77 42.1 22.5 41.7#



#46
Tetrachloroethene
Concen: 28.935 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX030681.D
Acq: 18 Aug 2022 13:40

Tgt Ion:164 Resp: 49633
Ion Ratio Lower Upper
164 100
129 110.8 72.7 135.1
131 108.5 69.9 129.9
166 133.4 88.3 164.1





#49

Dibromochloromethane

Concen: 20.830 ug/L

RT: 9.275 min Scan# 11

Delta R.T. -0.250 min

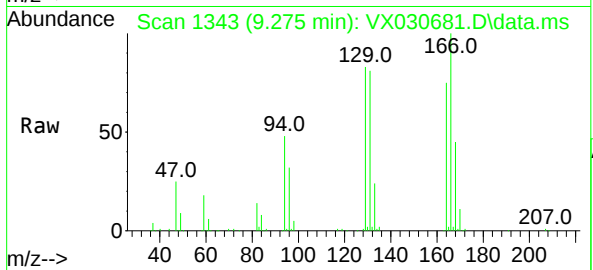
Lab File: VX030681.D

Acq: 18 Aug 2022 13:40

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:129 Resp: 51343

Ion Ratio Lower Upper

129 100

127 0.0 55.6 103.2#

