

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081822\
 Data File : VX030684.D
 Acq On : 18 Aug 2022 14:50
 Operator : JC/MD
 Sample : N4221-13 40X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

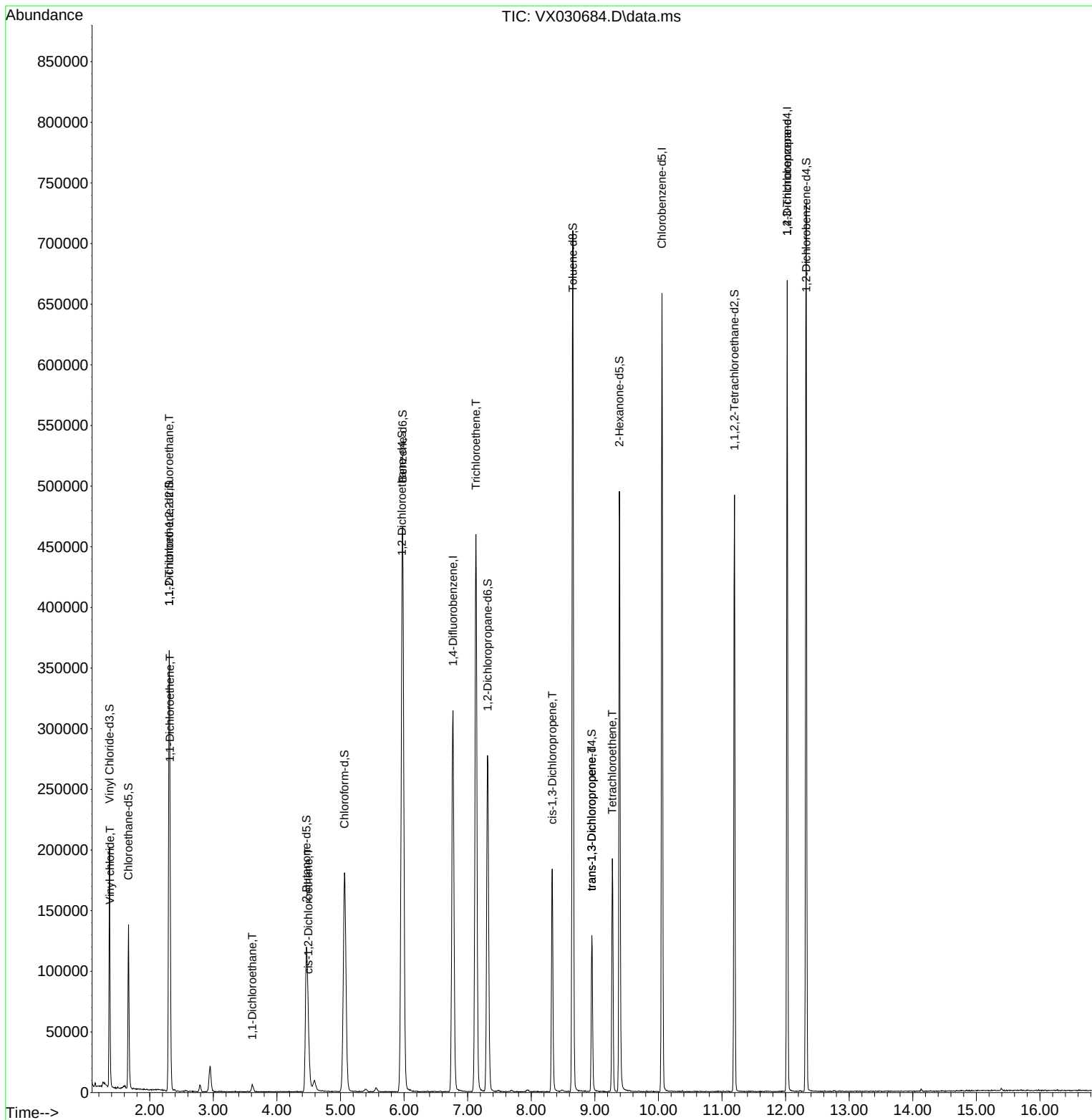
Quant Time: Aug 18 19:29:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 18 04:21:09 2022
 Response via : Initial Calibration

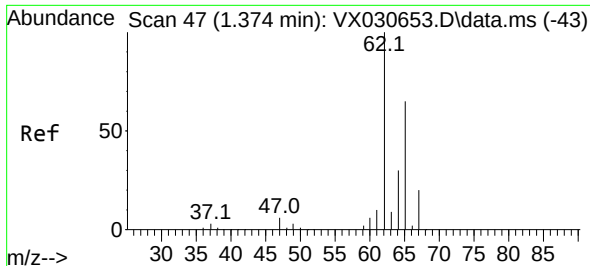
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	321095	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	297782	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	129267	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	120437	58.407	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	= 116.820%		
7) Chloroethane-d5	1.666	69	86692	59.639	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	= 119.280%		
11) 1,1-Dichloroethene-d2	2.307	63	188535	48.336	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 96.680%		
21) 2-Butanone-d5	4.465	46	197403	103.322	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	= 103.320%		
24) Chloroform-d	5.062	84	225285	53.074	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 106.140%		
26) 1,2-Dichloroethane-d4	5.964	65	142066	49.291	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 98.580%		
32) Benzene-d6	5.977	84	475194	55.709	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 111.420%		
36) 1,2-Dichloropropane-d6	7.312	67	154368	55.780	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	= 111.560%		
41) Toluene-d8	8.653	98	425245	52.889	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 105.780%		
43) trans-1,3-Dichloroprop...	8.952	79	65163	47.331	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 94.660%		
47) 2-Hexanone-d5	9.385	63	147929	104.867	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	= 104.870%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	198544	54.612	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	= 109.220%		
66) 1,2-Dichlorobenzene-d4	12.323	152	144644	57.690	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 115.380%		
Target Compounds						
						Qvalue
5) Vinyl chloride	1.374	62	3422	1.542	ug/L #	22
10) 1,1,2-Trichloro-1,2,2-...	2.307	101	1839	0.943	ug/L #	20
12) 1,1-Dichloroethene	2.319	96	34301	19.086	ug/L #	65
19) 1,1-Dichloroethane	3.611	63	6087	1.512	ug/L	97
20) cis-1,2-Dichloroethene	4.495	96	14632	6.247	ug/L	75
34) Trichloroethene	7.129	95	179493	64.911	ug/L	86
39) cis-1,3-Dichloropropene	8.330	75	3944	1.042	ug/L	85
44) trans-1,3-Dichloropropene	8.952	75	2826	0.762	ug/L	90
46) Tetrachloroethene	9.275	164	34344	19.652	ug/L	98
61) 1,2,3-Trichloropropane	12.024	75	16187	5.831	ug/L #	68

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

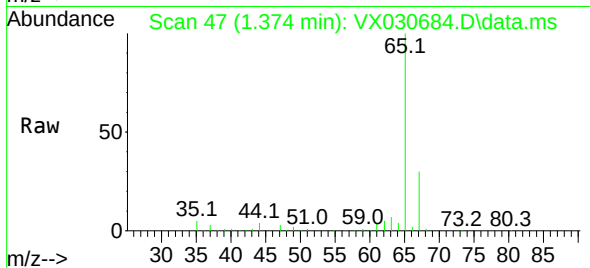
Quant Time: Aug 18 19:29:21 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 18 04:21:09 2022
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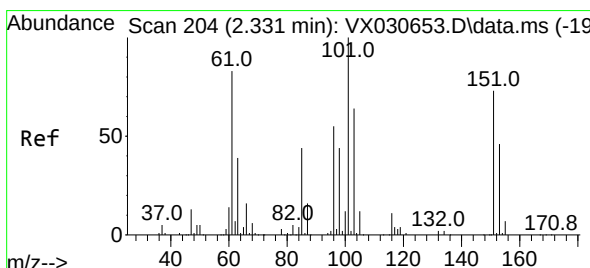
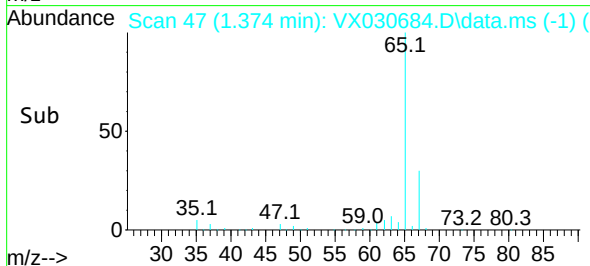
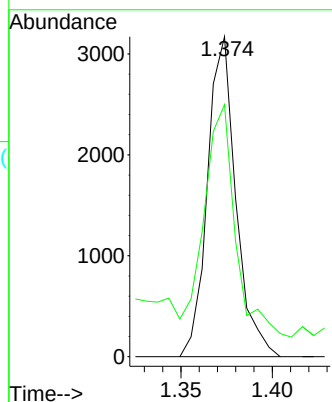


#5
 Vinyl chloride
 Concen: 1.542 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX030684.D
 Acq: 18 Aug 2022 14:50

Instrument :
 MSVOA_X
 ClientSampleId :

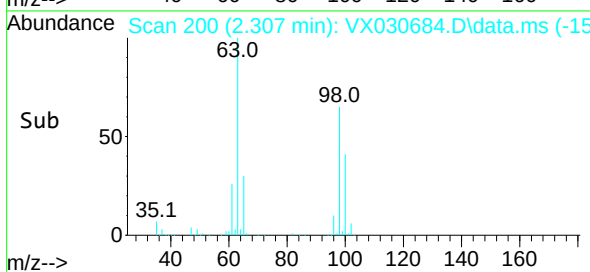
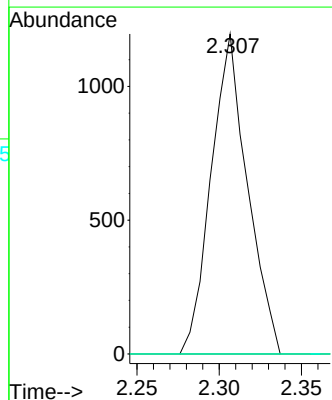
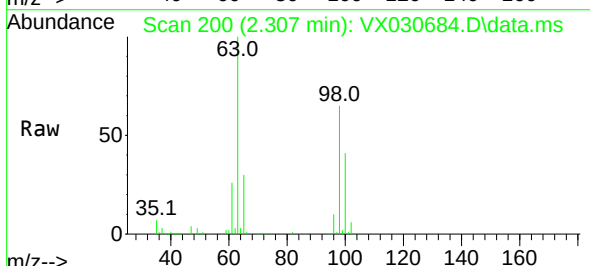


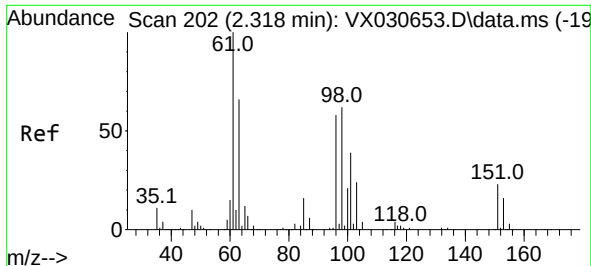
Tgt Ion: 62 Resp: 3422
 Ion Ratio Lower Upper
 62 100
 64 78.7 23.8 44.2#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.943 ug/L
 RT: 2.307 min Scan# 200
 Delta R.T. -0.024 min
 Lab File: VX030684.D
 Acq: 18 Aug 2022 14:50

Tgt Ion: 101 Resp: 1839
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.3 52.9#
 151 0.0 58.3 87.5#





#12

1,1-Dichloroethene

Concen: 19.086 ug/L

RT: 2.319 min Scan# 20

Delta R.T. 0.000 min

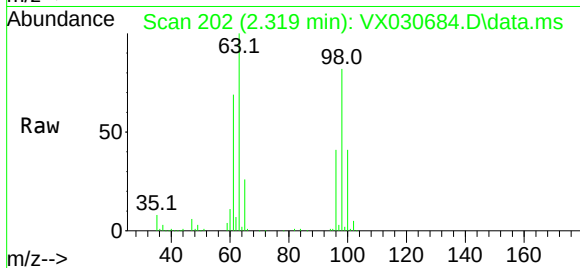
Lab File: VX030684.D

Acq: 18 Aug 2022 14:50

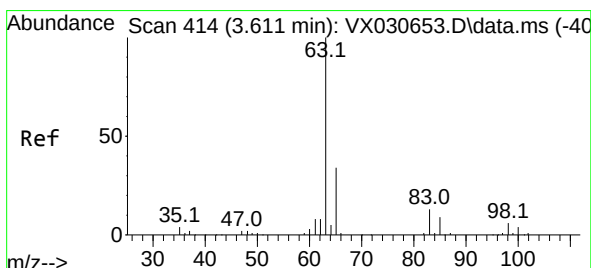
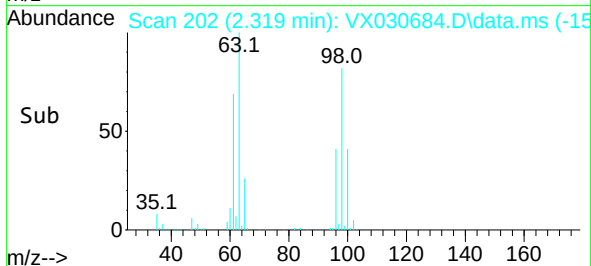
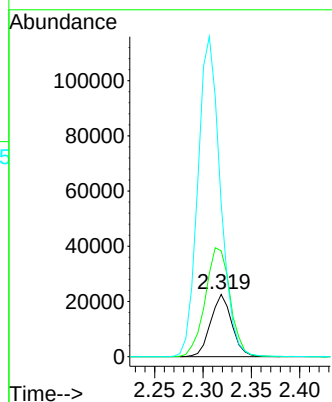
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	96	Resp:	34301
Ion	Ratio	Lower	Upper
96	100		
61	170.0	130.2	241.8
63	245.9	113.5	210.9



#19

1,1-Dichloroethane

Concen: 1.512 ug/L

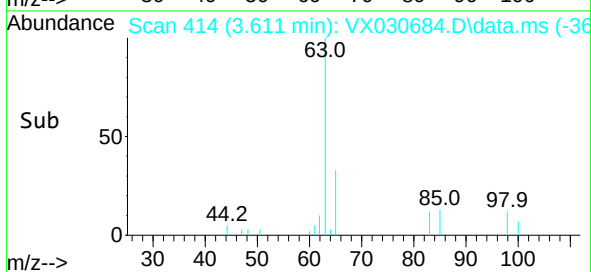
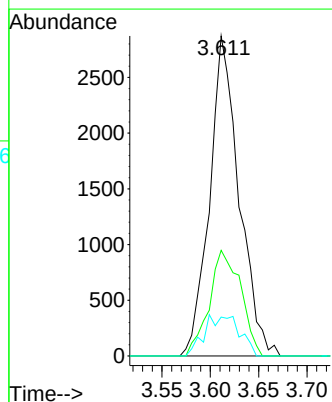
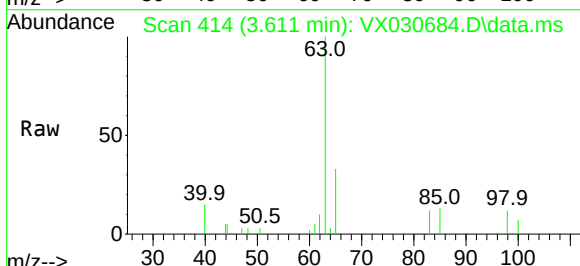
RT: 3.611 min Scan# 414

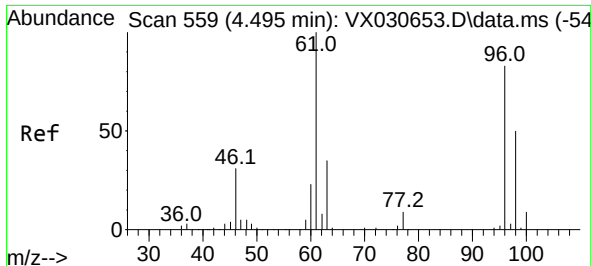
Delta R.T. 0.000 min

Lab File: VX030684.D

Acq: 18 Aug 2022 14:50

Tgt Ion:	63	Resp:	6087
Ion	Ratio	Lower	Upper
63	100		
65	33.0	22.0	40.8
83	12.2	9.9	18.3

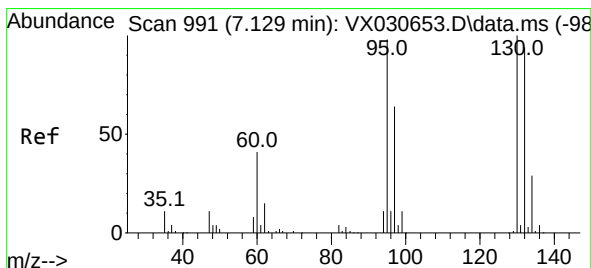
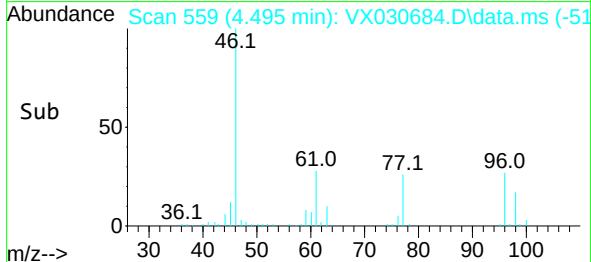
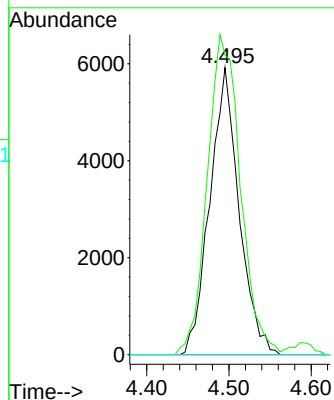
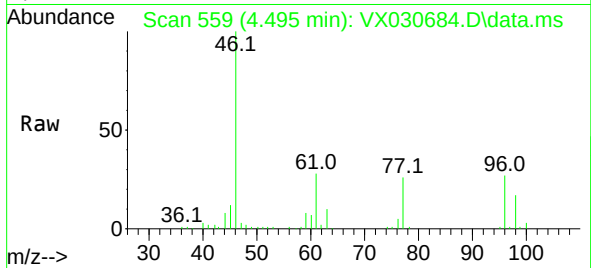




#20
 cis-1,2-Dichloroethene
 Concen: 6.247 ug/L
 RT: 4.495 min Scan# 511
 Delta R.T. 0.000 min
 Lab File: VX030684.D
 Acq: 18 Aug 2022 14:50

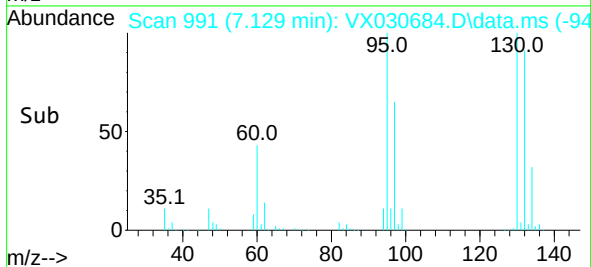
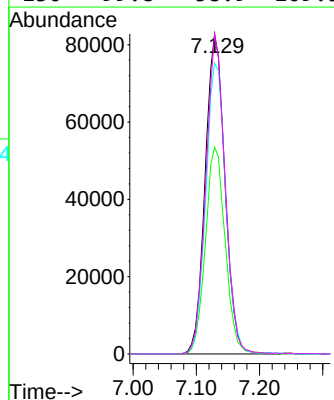
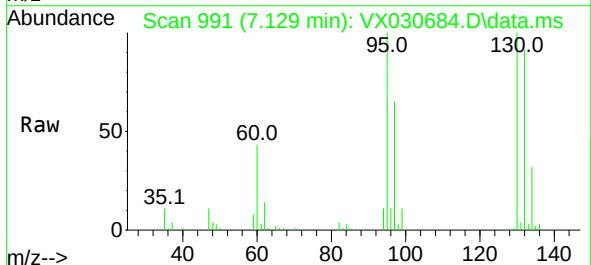
Instrument :
 MSVOA_X
 ClientSampleId :

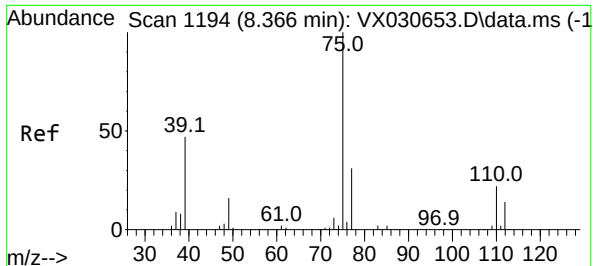
Tgt Ion: 96 Resp: 14632
 Ion Ratio Lower Upper
 96 100
 61 104.5 94.0 174.6
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 64.911 ug/L
 RT: 7.129 min Scan# 991
 Delta R.T. 0.000 min
 Lab File: VX030684.D
 Acq: 18 Aug 2022 14:50

Tgt Ion: 95 Resp: 179493
 Ion Ratio Lower Upper
 95 100
 97 64.6 40.2 74.6
 132 90.9 55.3 102.7
 130 99.8 58.9 109.5





#39

cis-1,3-Dichloropropene

Concen: 1.042 ug/L

RT: 8.330 min Scan# 1194

Delta R.T. -0.036 min

Lab File: VX030684.D

Acq: 18 Aug 2022 14:50

Instrument :

MSVOA_X

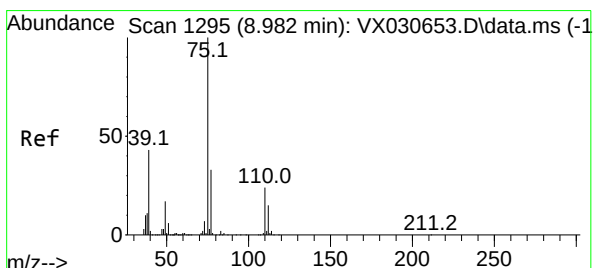
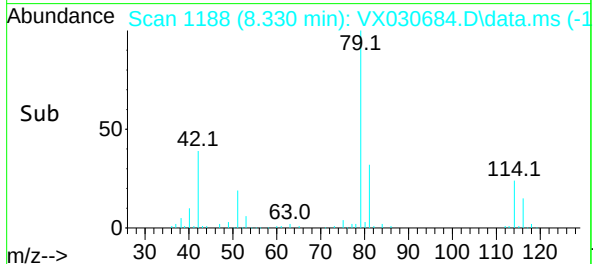
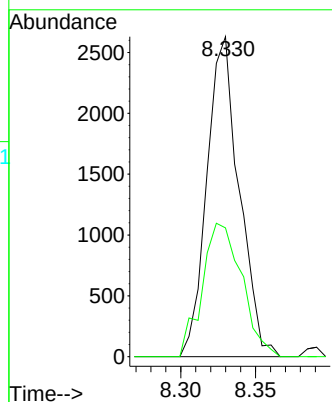
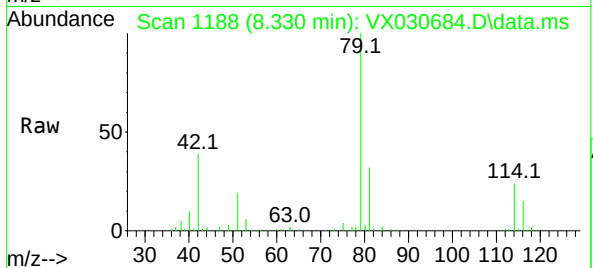
ClientSampleId :

Tgt Ion: 75 Resp: 3944

Ion Ratio Lower Upper

75 100

77 40.2 22.4 41.6



#44

trans-1,3-Dichloropropene

Concen: 0.762 ug/L

RT: 8.952 min Scan# 1290

Delta R.T. -0.030 min

Lab File: VX030684.D

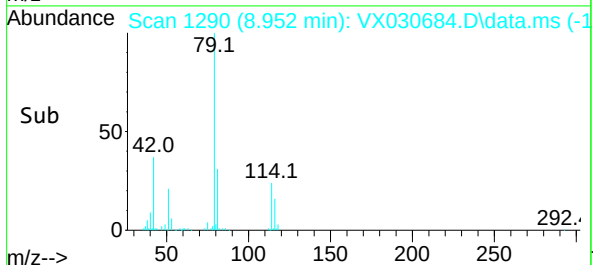
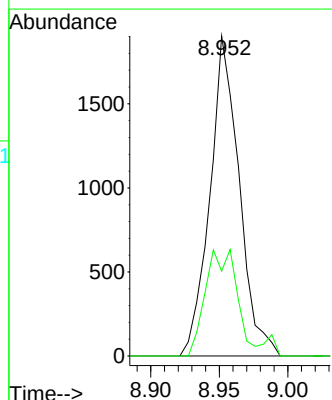
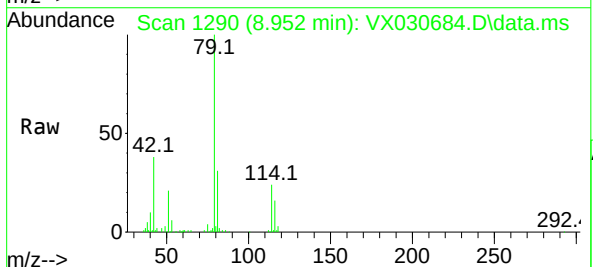
Acq: 18 Aug 2022 14:50

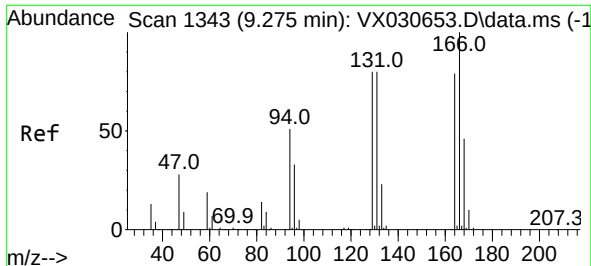
Tgt Ion: 75 Resp: 2826

Ion Ratio Lower Upper

75 100

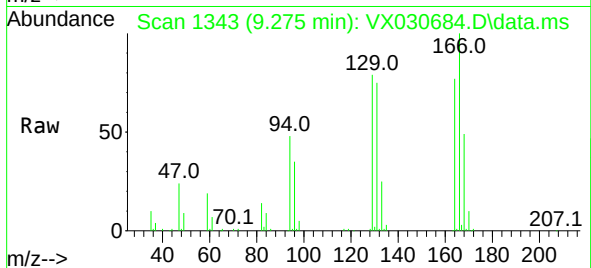
77 26.5 22.5 41.7



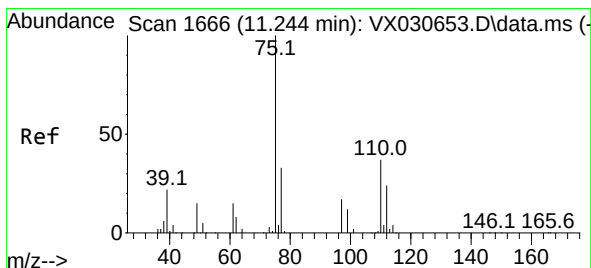
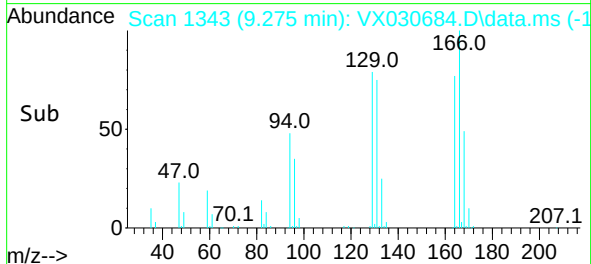
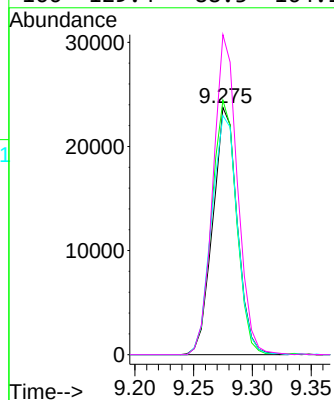


#46
Tetrachloroethene
Concen: 19.652 ug/L
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030684.D
Acq: 18 Aug 2022 14:50

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:164 Resp: 34344
Ion Ratio Lower Upper
164 100
129 102.9 72.7 135.1
131 96.7 69.9 129.9
166 129.4 88.3 164.1



#61
1,2,3-Trichloropropane
Concen: 5.831 ug/L
RT: 12.024 min Scan# 1794
Delta R.T. 0.781 min
Lab File: VX030684.D
Acq: 18 Aug 2022 14:50

Tgt Ion: 75 Resp: 16187
Ion Ratio Lower Upper
75 100
77 32.3 26.1 39.1
110 2.7 30.5 45.7#

