

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081722\
 Data File : VX030660.D
 Acq On : 17 Aug 2022 15:15
 Operator : JC/MD
 Sample : N4221-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 18 04:22:49 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)

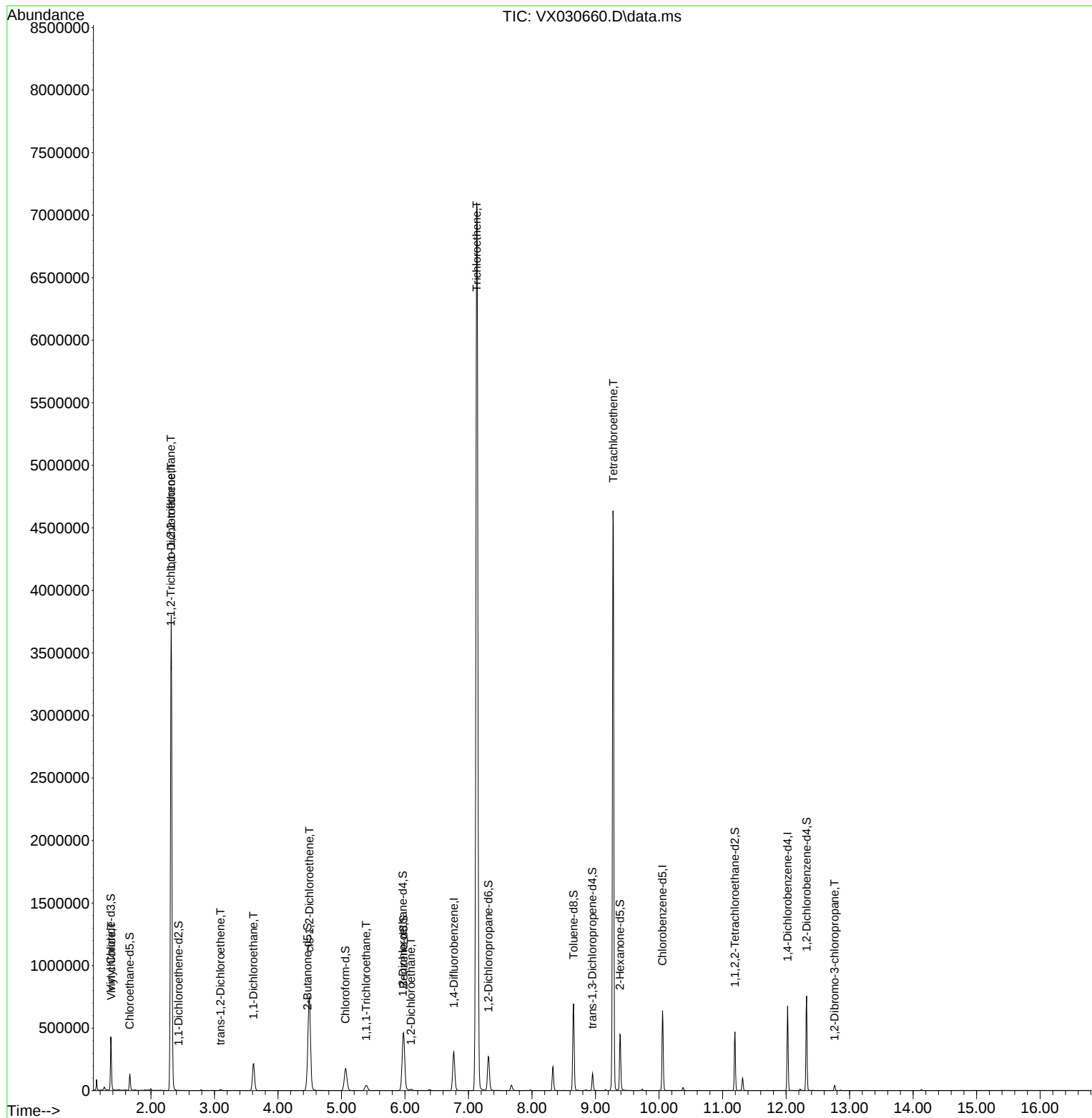
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	307905	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	282574	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	130395	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	117348	59.347	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery	=	118.700%	
7) Chloroethane-d5	1.666	69	88597	63.560	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery	=	127.120%	
11) 1,1-Dichloroethene-d2	2.434	63	159	0.043	ug/L	0.13
Spiked Amount 50.000	Range 60 - 125		Recovery	=	0.080%#	
21) 2-Butanone-d5	4.465	46	183277	100.038	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery	=	100.040%	
24) Chloroform-d	5.062	84	220869	54.263	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	=	108.520%	
26) 1,2-Dichloroethane-d4	5.964	65	141767	51.294	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	=	102.580%	
32) Benzene-d6	5.977	84	468009	57.820	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	=	115.640%	
36) 1,2-Dichloropropane-d6	7.312	67	148392	56.506	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery	=	113.020%	
41) Toluene-d8	8.653	98	421390	55.230	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery	=	110.460%	
43) trans-1,3-Dichloroprop...	8.952	79	63801	48.835	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery	=	97.680%	
47) 2-Hexanone-d5	9.384	63	136761	102.168	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery	=	102.170%	
56) 1,1,2,2-Tetrachloroeth...	11.195	84	187757	54.424	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery	=	108.840%	
66) 1,2-Dichlorobenzene-d4	12.323	152	144277	57.046	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery	=	114.100%	
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	143115	67.253	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.313	101	4079	2.181	ug/L #	26
12) 1,1-Dichloroethene	2.319	96	1190755	690.945	ug/L #	52
17) trans-1,2-Dichloroethene	3.093	96	2847	1.426	ug/L	93
19) 1,1-Dichloroethane	3.611	63	247046	63.975	ug/L	98
20) cis-1,2-Dichloroethene	4.495	96	449991	200.356	ug/L	92
27) 1,2-Dichloroethane	6.092	62	10621	3.145	ug/L #	95
30) 1,1,1-Trichloroethane	5.385	97	39910	10.707	ug/L #	80
34) Trichloroethene	7.129	95	2836219	1080.878	ug/L	89
46) Tetrachloroethene	9.281	164	839245	506.078	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.762	75	1143	1.237	ug/L #	21

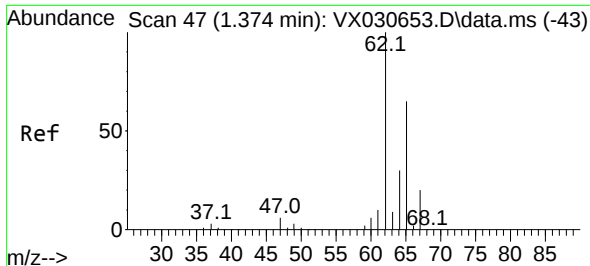
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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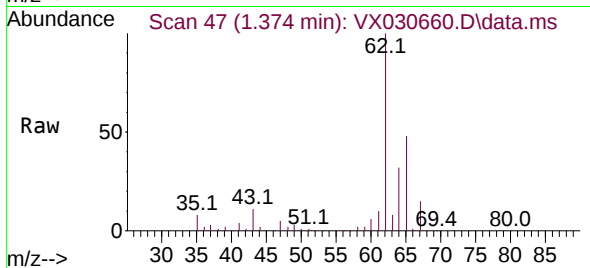
Quant Time: Aug 18 04:22:49 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 18 04:21:09 2022
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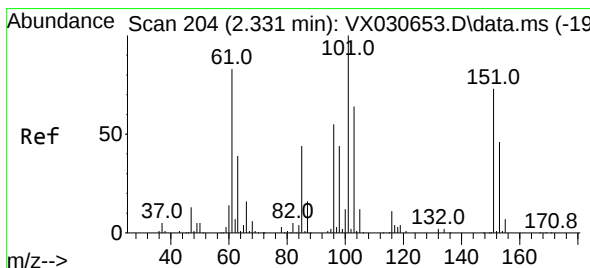
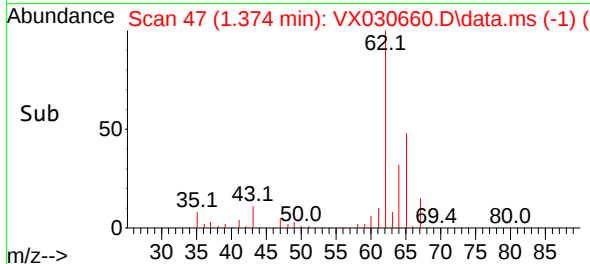
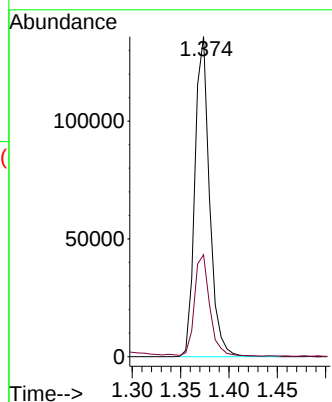


#5
 Vinyl chloride
 Concen: 67.253 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX030660.D
 Acq: 17 Aug 2022 15:15

Instrument :
 MSVOA_X
 ClientSampleId :

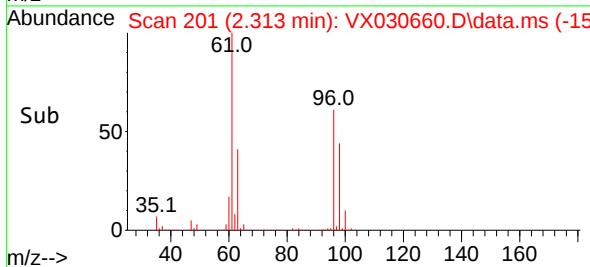
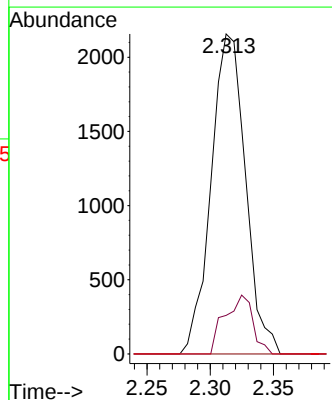
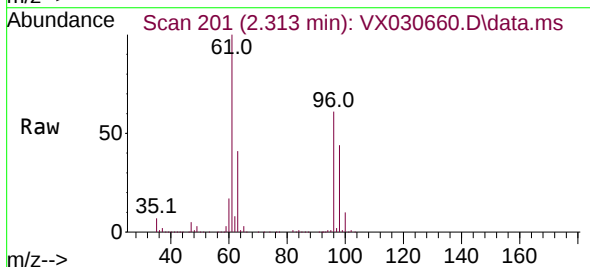


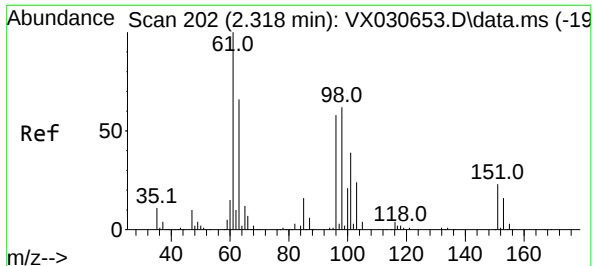
Tgt Ion: 62 Resp: 143115
 Ion Ratio Lower Upper
 62 100
 64 31.8 23.8 44.2



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.181 ug/L
 RT: 2.313 min Scan# 201
 Delta R.T. -0.018 min
 Lab File: VX030660.D
 Acq: 17 Aug 2022 15:15

Tgt Ion: 101 Resp: 4079
 Ion Ratio Lower Upper
 101 100
 85 10.5 35.3 52.9#
 151 0.0 58.3 87.5#





#12

1,1-Dichloroethene

Concen: 690.945 ug/L

RT: 2.319 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX030660.D

Acq: 17 Aug 2022 15:15

Instrument :

MSVOA_X

ClientSampleId :

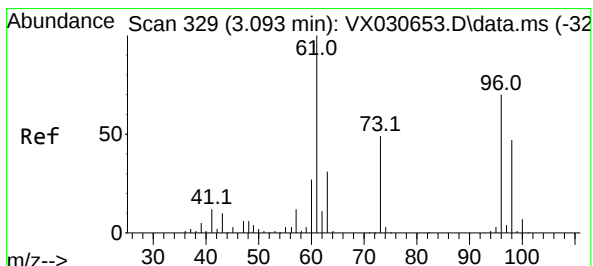
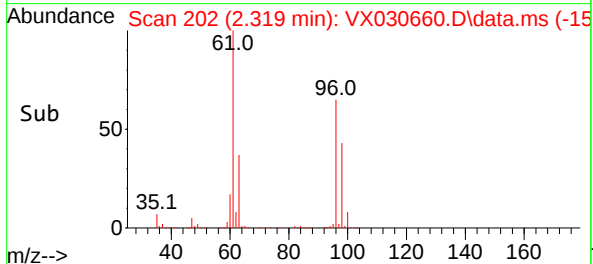
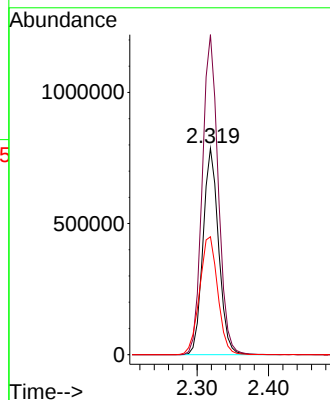
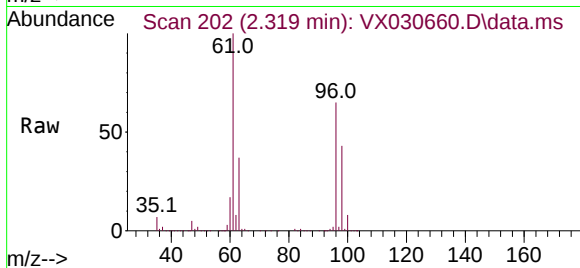
Tgt Ion: 96 Resp: 1190755

Ion Ratio Lower Upper

96 100

61 155.0 130.2 241.8

63 57.1 113.5 210.9#



#17

trans-1,2-Dichloroethene

Concen: 1.426 ug/L

RT: 3.093 min Scan# 329

Delta R.T. 0.000 min

Lab File: VX030660.D

Acq: 17 Aug 2022 15:15

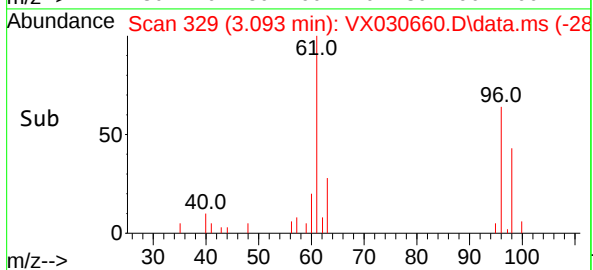
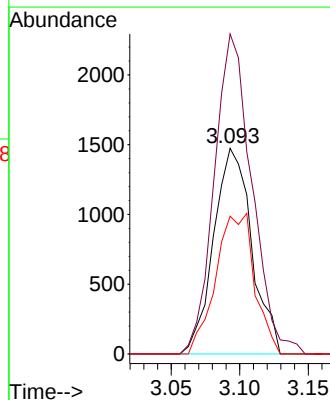
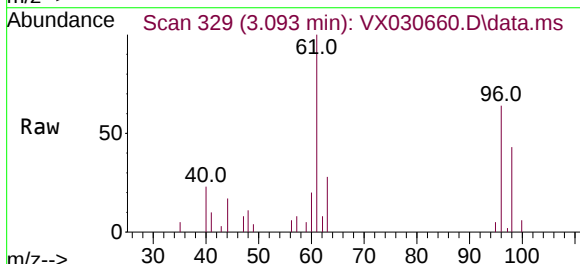
Tgt Ion: 96 Resp: 2847

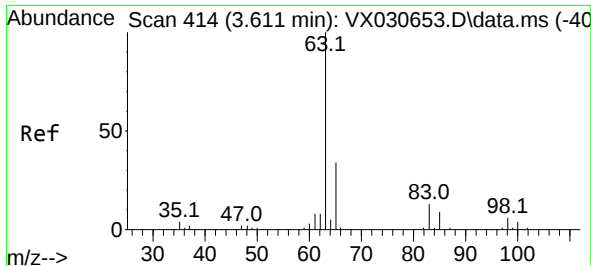
Ion Ratio Lower Upper

96 100

61 155.6 103.7 192.5

98 67.0 41.5 77.1





#19

1,1-Dichloroethane

Concen: 63.975 ug/L

RT: 3.611 min Scan# 414

Delta R.T. 0.000 min

Lab File: VX030660.D

Acq: 17 Aug 2022 15:15

Instrument :

MSVOA_X

ClientSampleId :

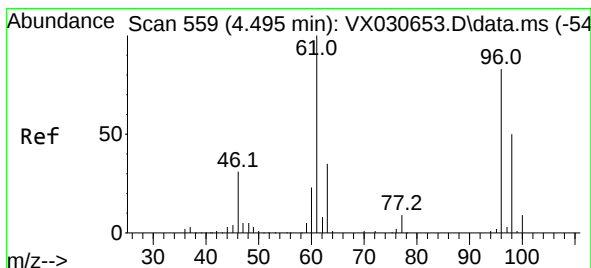
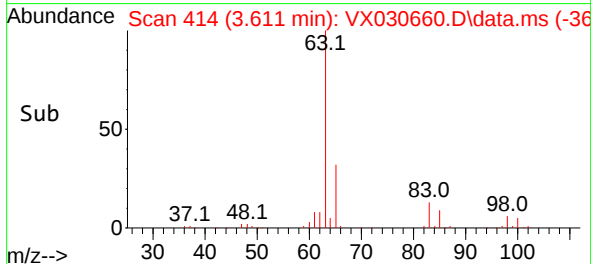
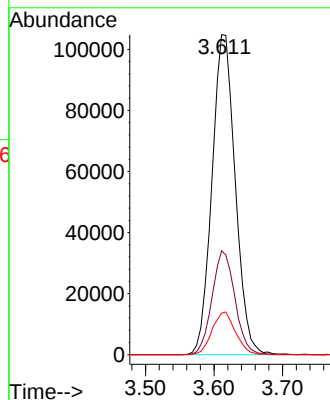
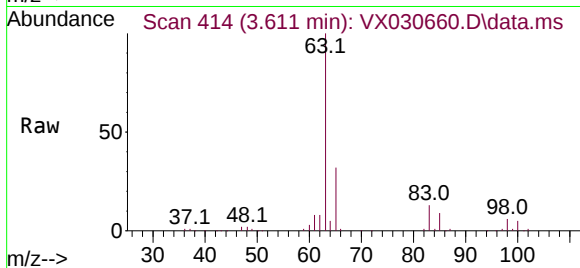
Tgt Ion: 63 Resp: 247046

Ion Ratio Lower Upper

63 100

65 32.5 22.0 40.8

83 13.0 9.9 18.3



#20

cis-1,2-Dichloroethene

Concen: 200.356 ug/L

RT: 4.495 min Scan# 559

Delta R.T. 0.000 min

Lab File: VX030660.D

Acq: 17 Aug 2022 15:15

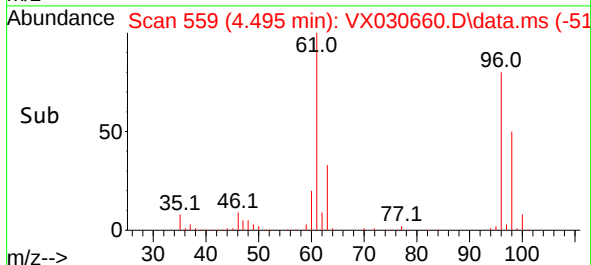
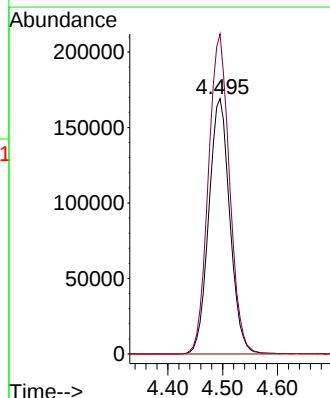
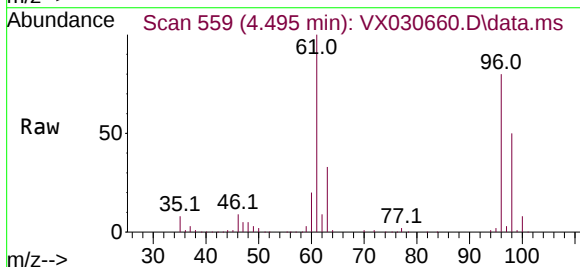
Tgt Ion: 96 Resp: 449991

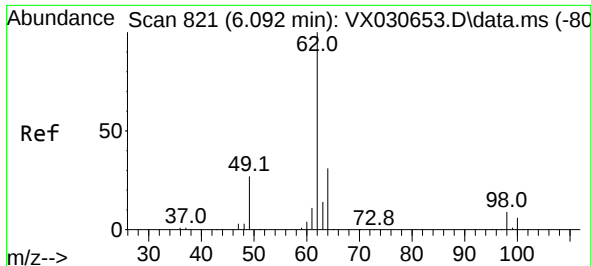
Ion Ratio Lower Upper

96 100

61 125.3 94.0 174.6

68 0.0 0.0 0.0





#27

1,2-Dichloroethane

Concen: 3.145 ug/L

RT: 6.092 min Scan# 821

Delta R.T. 0.000 min

Lab File: VX030660.D

Acq: 17 Aug 2022 15:15

Instrument :

MSVOA_X

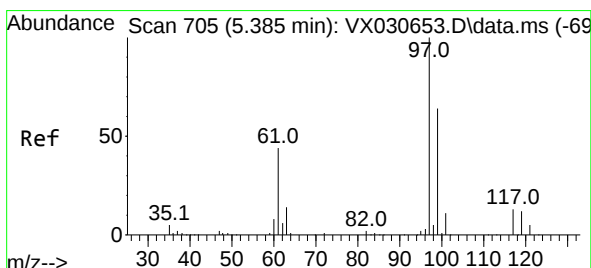
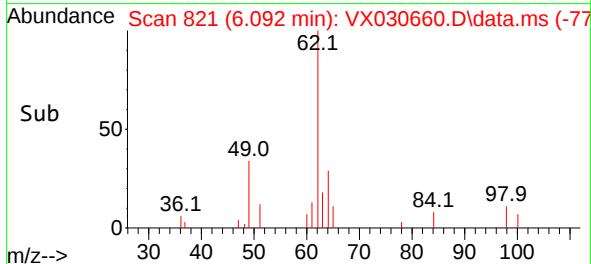
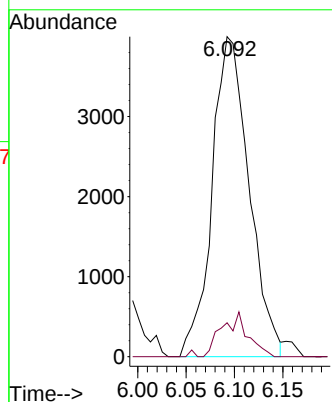
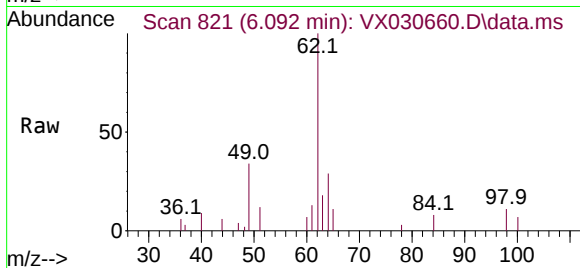
ClientSampleId :

Tgt Ion: 62 Resp: 10621

Ion Ratio Lower Upper

62 100

98 10.6 7.0 10.6#



#30

1,1,1-Trichloroethane

Concen: 10.707 ug/L

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX030660.D

Acq: 17 Aug 2022 15:15

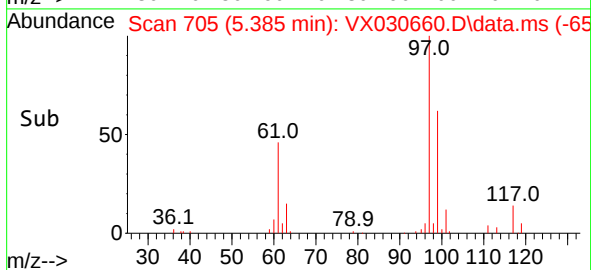
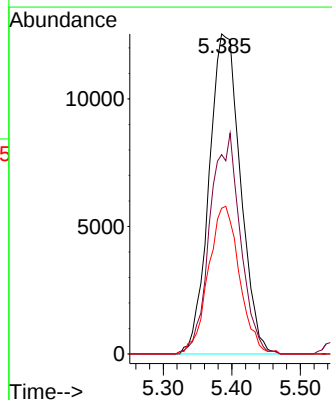
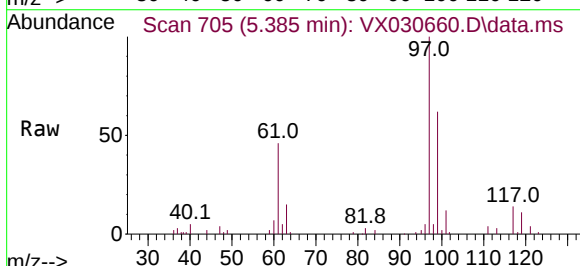
Tgt Ion: 97 Resp: 39910

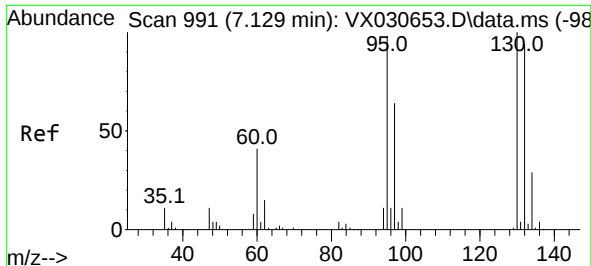
Ion Ratio Lower Upper

97 100

99 37.8 51.4 77.0#

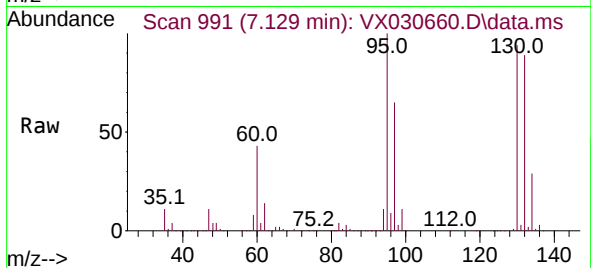
61 45.7 37.0 55.6





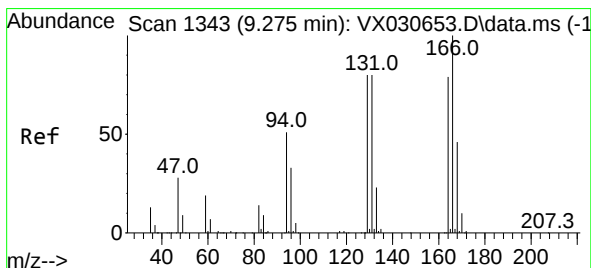
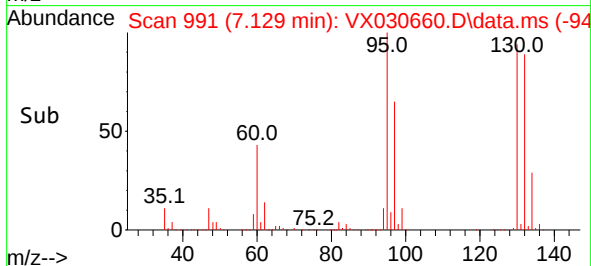
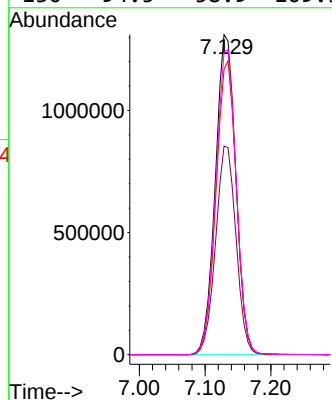
#34
Trichloroethene
Concen: 1080.878 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX030660.D
Acq: 17 Aug 2022 15:15

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 95 Resp: 2836219

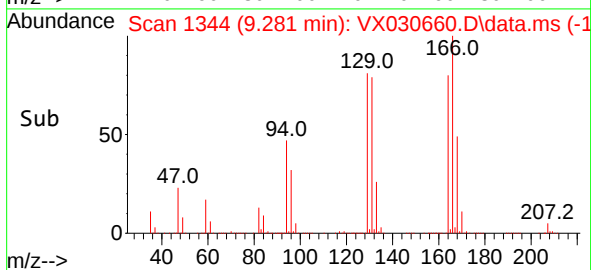
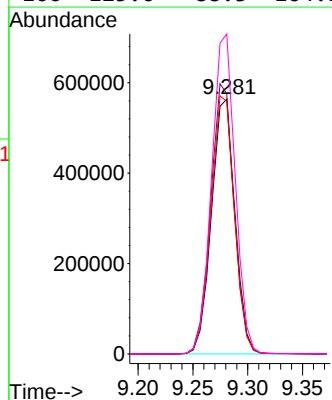
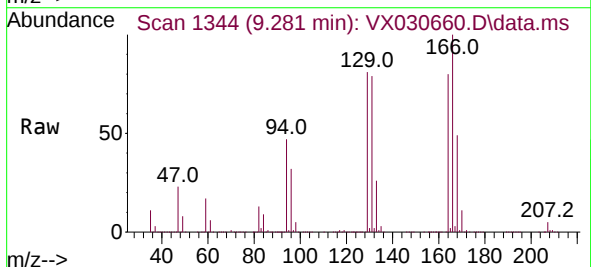
Ion	Ratio	Lower	Upper
95	100		
97	65.2	40.2	74.6
132	89.2	55.3	102.7
130	94.5	58.9	109.5

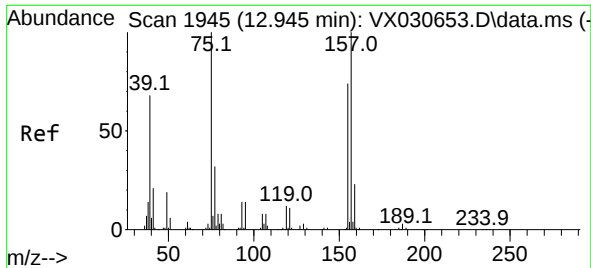


#46
Tetrachloroethene
Concen: 506.078 ug/L
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX030660.D
Acq: 17 Aug 2022 15:15

Tgt Ion:164 Resp: 839245

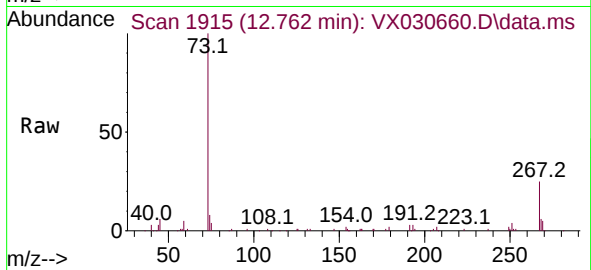
Ion	Ratio	Lower	Upper
164	100		
129	102.2	72.7	135.1
131	99.1	69.9	129.9
166	125.6	88.3	164.1





#68
 1,2-Dibromo-3-chloropropane
 Concen: 1.237 ug/L
 RT: 12.762 min Scan# 1915
 Delta R.T. -0.183 min
 Lab File: VX030660.D
 Acq: 17 Aug 2022 15:15

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 1143
 Ion Ratio Lower Upper
 75 100
 155 24.2 57.1 85.7#
 157 0.0 73.1 109.7#

