

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081822\
 Data File : VX030690.D
 Acq On : 18 Aug 2022 17:11
 Operator : JC/MD
 Sample : N4231-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 18 19:31:37 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)

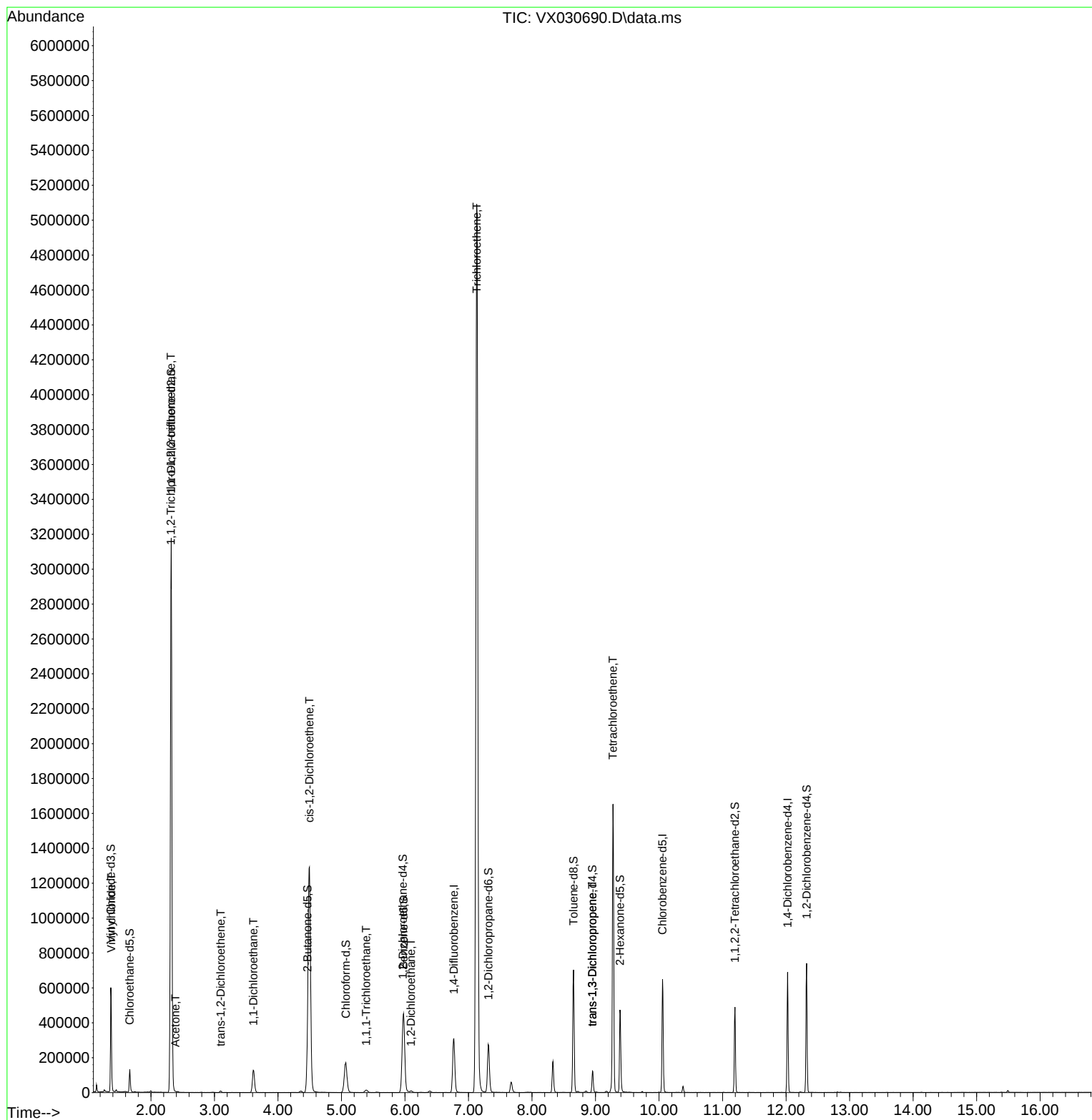
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	325492	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	297657	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	134529	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	111267	53.231	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	106.460%	
7) Chloroethane-d5	1.666	69	84668	57.460	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	114.920%	
11) 1,1-Dichloroethene-d2	2.319	63	674916	170.695	ug/L	0.01
Spiked Amount 50.000	Range 60	- 125	Recovery	=	341.400%#	
21) 2-Butanone-d5	4.465	46	191801	99.034	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	99.030%	
24) Chloroform-d	5.068	84	220309	51.201	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	102.400%	
26) 1,2-Dichloroethane-d4	5.964	65	138521	47.412	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	94.820%	
32) Benzene-d6	5.977	84	464362	54.462	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	108.920%	
36) 1,2-Dichloropropane-d6	7.312	67	151999	54.947	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	109.900%	
41) Toluene-d8	8.653	98	416550	51.829	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	103.660%	
43) trans-1,3-Dichloroprop...	8.952	79	62567	45.464	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	90.920%	
47) 2-Hexanone-d5	9.385	63	145211	102.984	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	102.980%	
56) 1,1,2,2-Tetrachloroeth...	11.195	84	200306	55.120	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	110.240%	
66) 1,2-Dichlorobenzene-d4	12.323	152	145101	55.608	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	111.220%	
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	276103	122.737	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.313	101	3955	2.000	ug/L #	28
13) Acetone	2.386	43	3281	2.312	ug/L	85
17) trans-1,2-Dichloroethene	3.099	96	3502	1.659	ug/L	83
19) 1,1-Dichloroethane	3.611	63	147284	36.080	ug/L	98
20) cis-1,2-Dichloroethene	4.495	96	812863	342.367	ug/L	87
27) 1,2-Dichloroethane	6.092	62	9652	2.704	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	13165	3.353	ug/L #	90
34) Trichloroethene	7.129	95	2045785	740.139	ug/L	86
44) trans-1,3-Dichloropropene	8.952	75	2589	0.699	ug/L	88
46) Tetrachloroethene	9.275	164	298221	170.719	ug/L	99

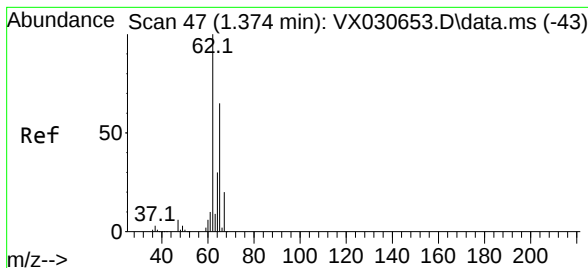
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Aug 18 04:21:09 2022
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 122.737 ug/L

RT: 1.374 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX030690.D

Acq: 18 Aug 2022 17:11

Instrument :

MSVOA_X

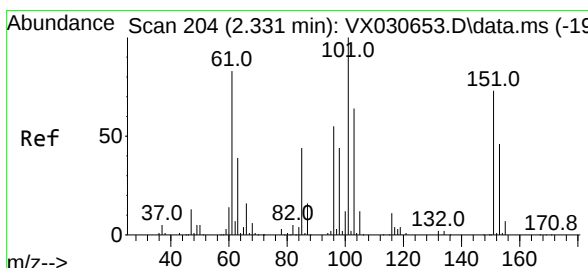
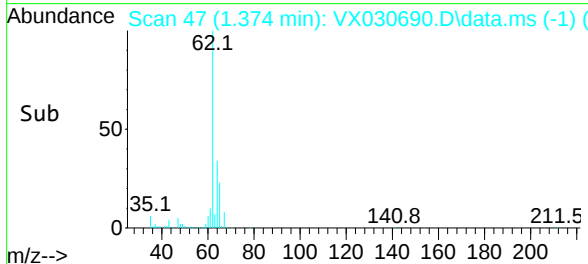
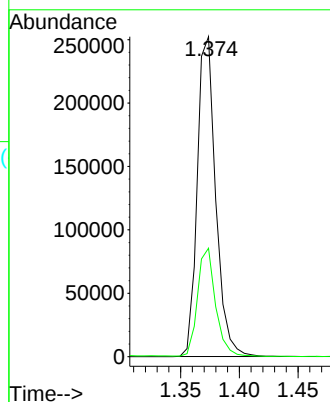
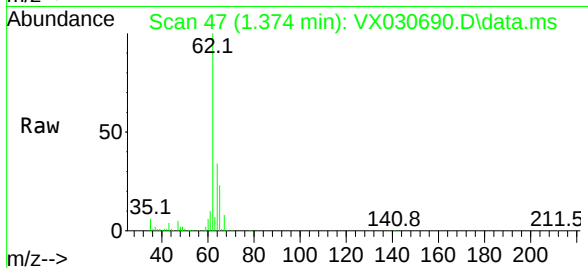
ClientSampleId :

Tgt Ion: 62 Resp: 276103

Ion Ratio Lower Upper

62 100

64 33.9 23.8 44.2



#10

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

Concen: 2.000 ug/L

RT: 2.313 min Scan# 201

Delta R.T. -0.018 min

Lab File: VX030690.D

Acq: 18 Aug 2022 17:11

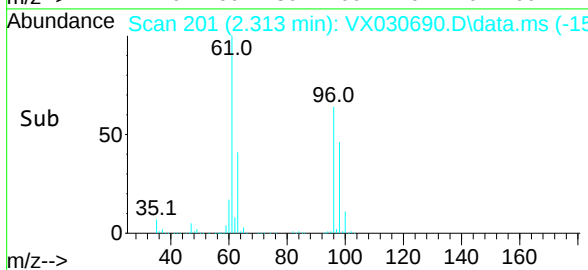
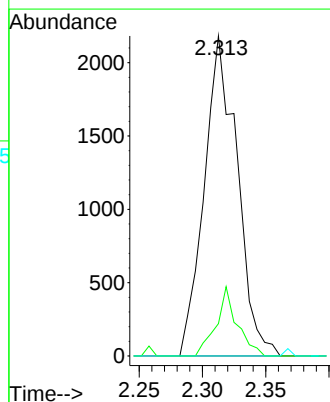
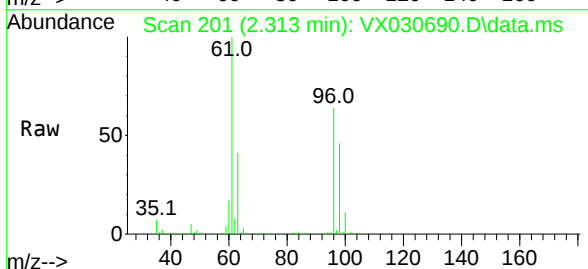
Tgt Ion: 101 Resp: 3955

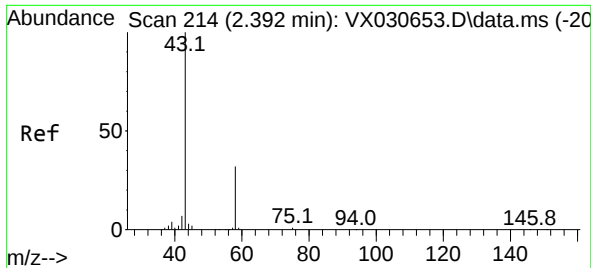
Ion Ratio Lower Upper

101 100

85 13.7 35.3 52.9#

151 0.0 58.3 87.5#

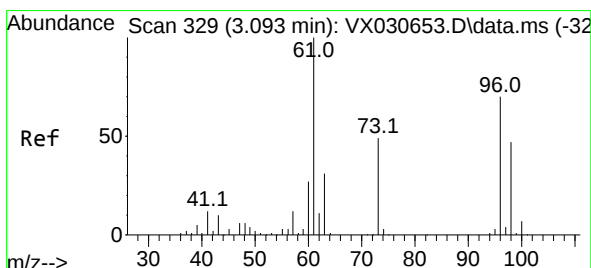
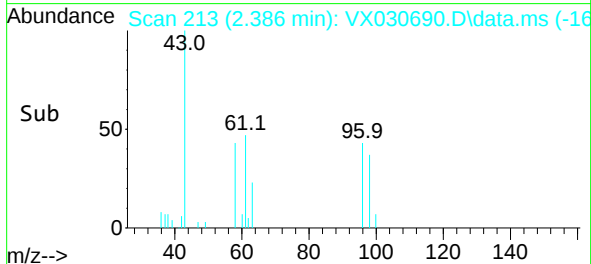
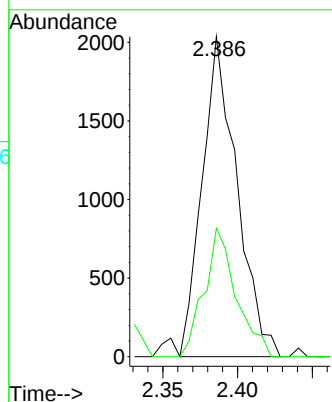
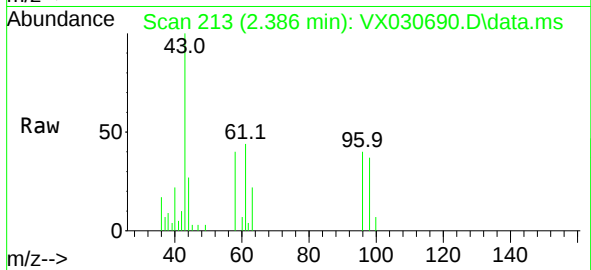




#13
Acetone
Concen: 2.312 ug/L
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX030690.D
Acq: 18 Aug 2022 17:11

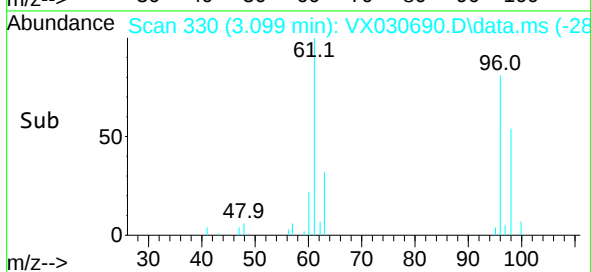
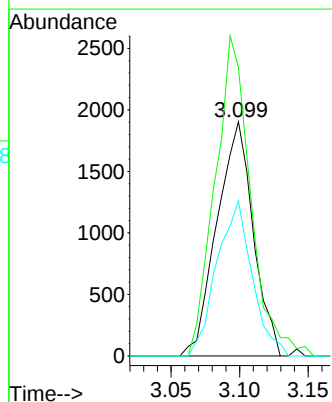
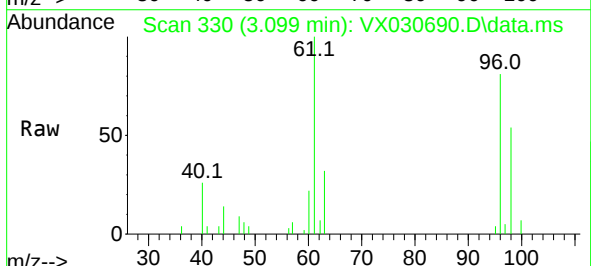
Instrument :
MSVOA_X
ClientSampleId :

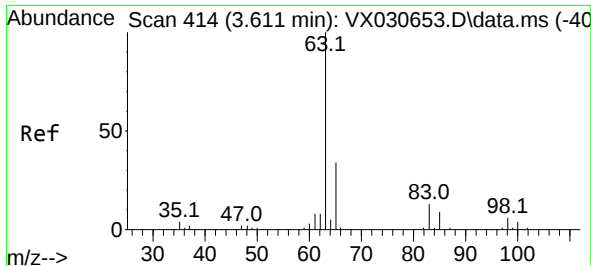
Tgt Ion: 43 Resp: 3281
Ion Ratio Lower Upper
43 100
58 37.1 0.0 57.8



#17
trans-1,2-Dichloroethene
Concen: 1.659 ug/L
RT: 3.099 min Scan# 330
Delta R.T. 0.006 min
Lab File: VX030690.D
Acq: 18 Aug 2022 17:11

Tgt Ion: 96 Resp: 3502
Ion Ratio Lower Upper
96 100
61 123.2 103.7 192.5
98 66.2 41.5 77.1





#19

1,1-Dichloroethane

Concen: 36.080 ug/L

RT: 3.611 min Scan# 414

Delta R.T. 0.000 min

Lab File: VX030690.D

Acq: 18 Aug 2022 17:11

Instrument :

MSVOA_X

ClientSampleId :

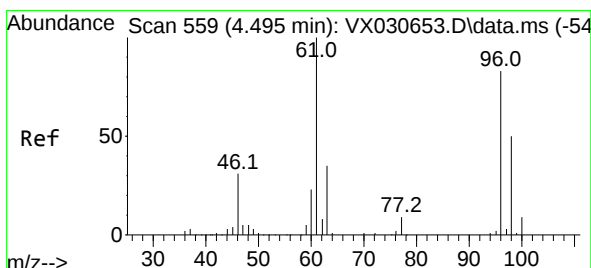
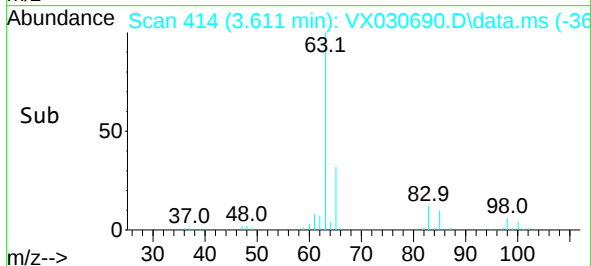
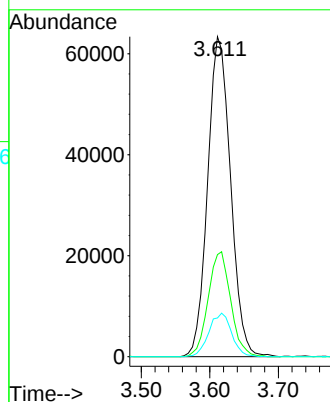
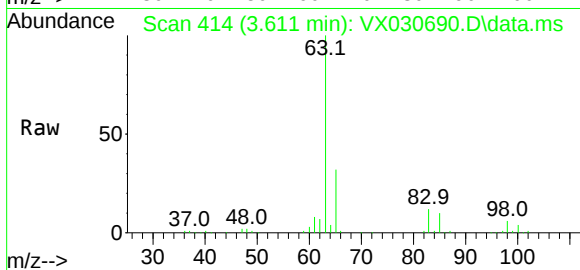
Tgt Ion: 63 Resp: 147284

Ion Ratio Lower Upper

63 100

65 31.9 22.0 40.8

83 12.1 9.9 18.3



#20

cis-1,2-Dichloroethene

Concen: 342.367 ug/L

RT: 4.495 min Scan# 559

Delta R.T. 0.000 min

Lab File: VX030690.D

Acq: 18 Aug 2022 17:11

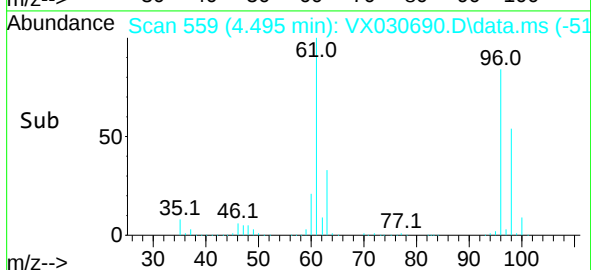
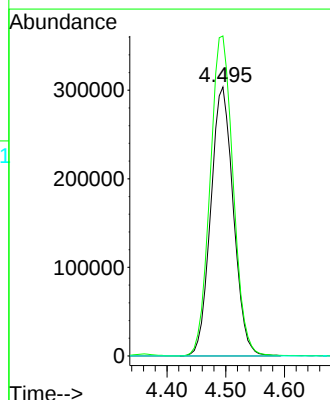
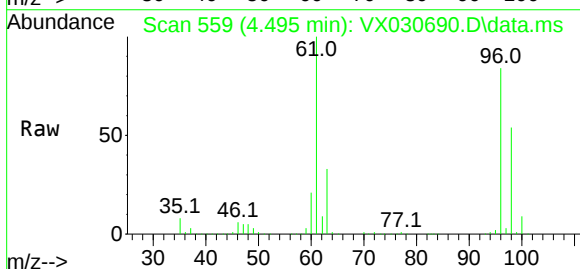
Tgt Ion: 96 Resp: 812863

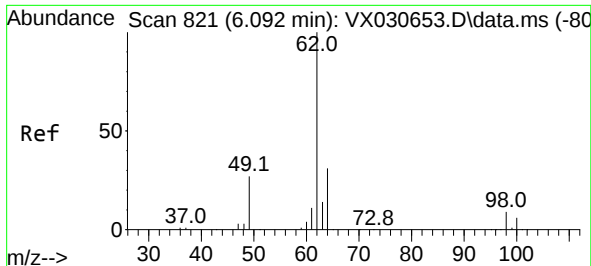
Ion Ratio Lower Upper

96 100

61 119.0 94.0 174.6

68 0.0 0.0 0.0





#27

1,2-Dichloroethane

Concen: 2.704 ug/L

RT: 6.092 min Scan# 821

Delta R.T. 0.000 min

Lab File: VX030690.D

Acq: 18 Aug 2022 17:11

Instrument :

MSVOA_X

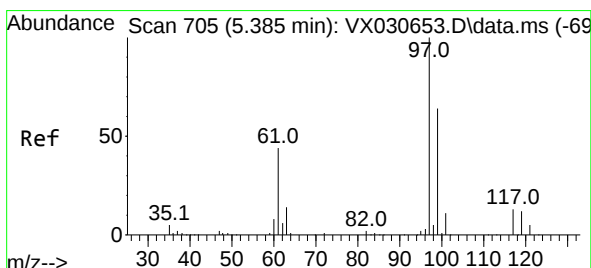
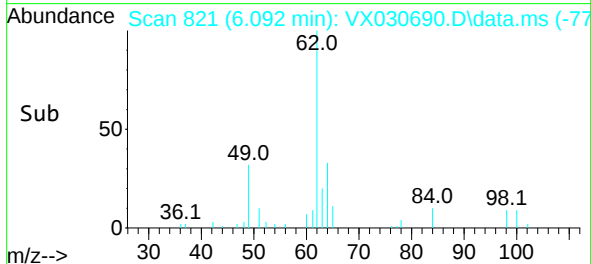
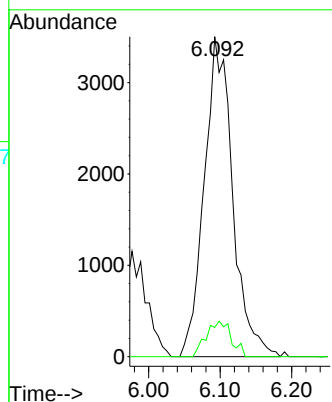
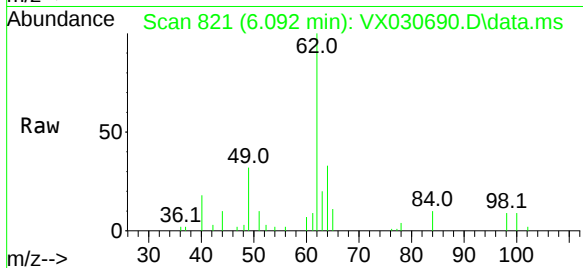
ClientSampleId :

Tgt Ion: 62 Resp: 9652

Ion Ratio Lower Upper

62 100

98 9.1 7.0 10.6



#30

1,1,1-Trichloroethane

Concen: 3.353 ug/L

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX030690.D

Acq: 18 Aug 2022 17:11

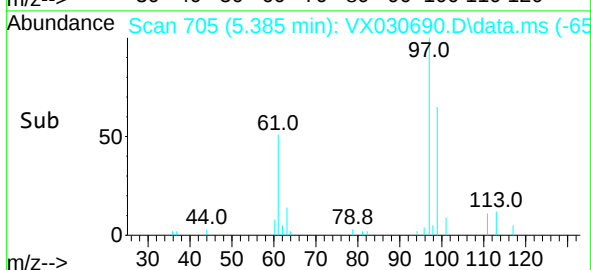
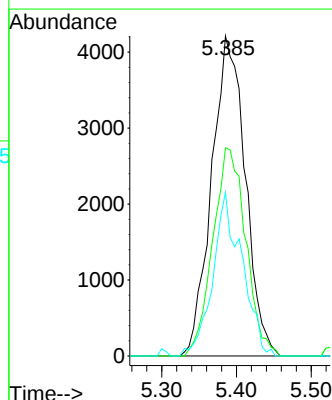
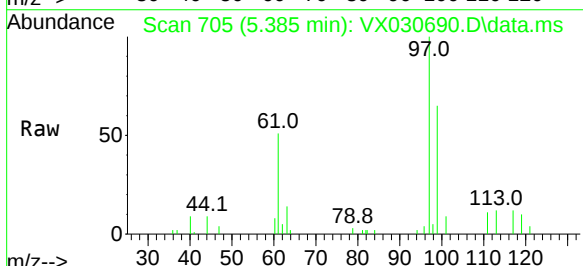
Tgt Ion: 97 Resp: 13165

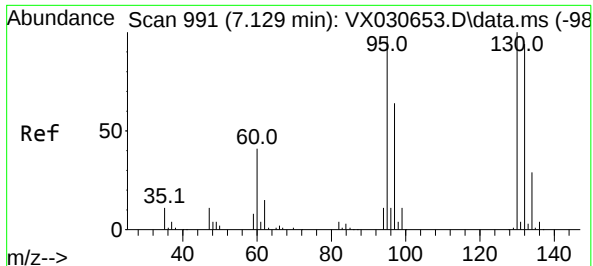
Ion Ratio Lower Upper

97 100

99 63.8 51.4 77.0

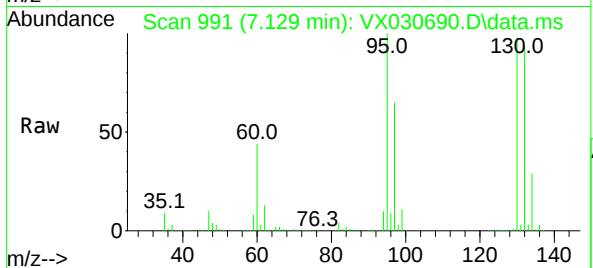
61 30.6 37.0 55.6#





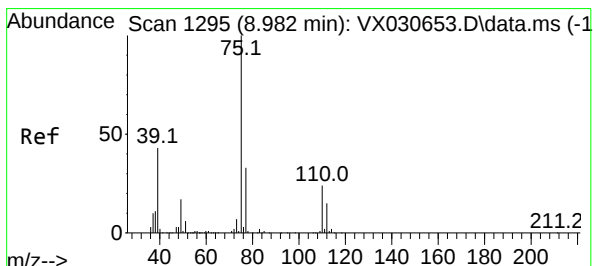
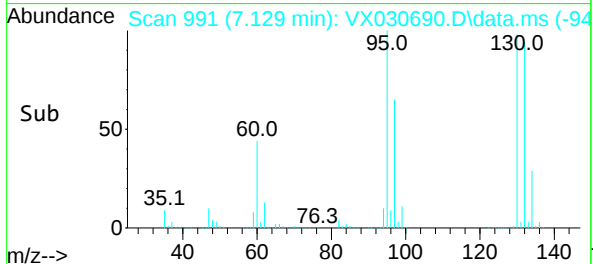
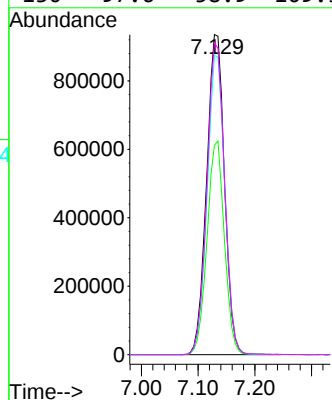
#34
Trichloroethene
Concen: 740.139 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX030690.D
Acq: 18 Aug 2022 17:11

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 95 Resp: 2045785

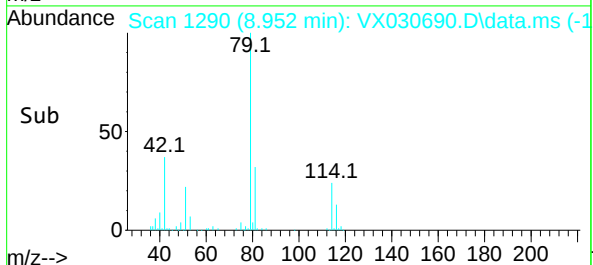
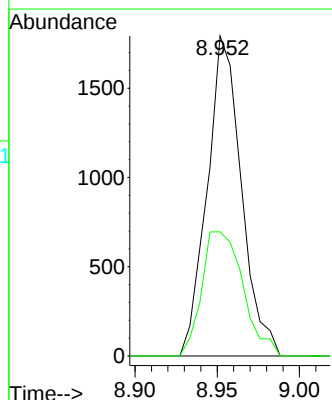
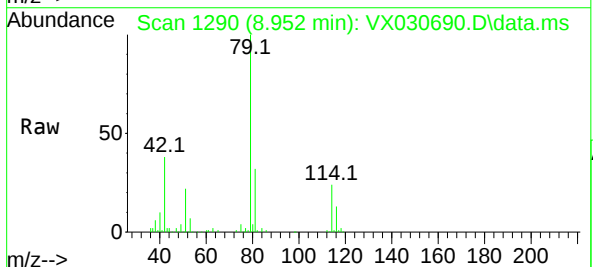
Ion	Ratio	Lower	Upper
95	100		
97	65.4	40.2	74.6
132	93.6	55.3	102.7
130	97.6	58.9	109.5

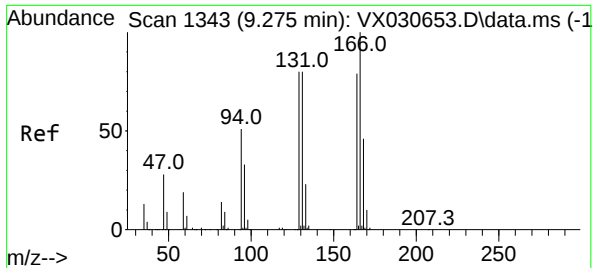


#44
trans-1,3-Dichloropropene
Concen: 0.699 ug/L
RT: 8.952 min Scan# 1290
Delta R.T. -0.030 min
Lab File: VX030690.D
Acq: 18 Aug 2022 17:11

Tgt Ion: 75 Resp: 2589

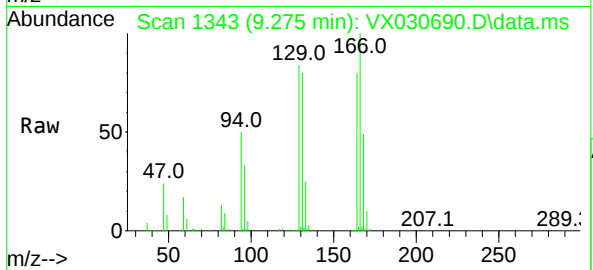
Ion	Ratio	Lower	Upper
75	100		
77	38.8	22.5	41.7





#46
 Tetrachloroethene
 Concen: 170.719 ug/L
 RT: 9.275 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030690.D
 Acq: 18 Aug 2022 17:11

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	164	Resp:	298221
Ion	Ratio	Lower	Upper
164	100		
129	105.1	72.7	135.1
131	100.2	69.9	129.9
166	125.5	88.3	164.1

