

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081722\
 Data File : VX030663.D
 Acq On : 17 Aug 2022 16:25
 Operator : JC/MD
 Sample : N4221-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 18 04:23:32 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)

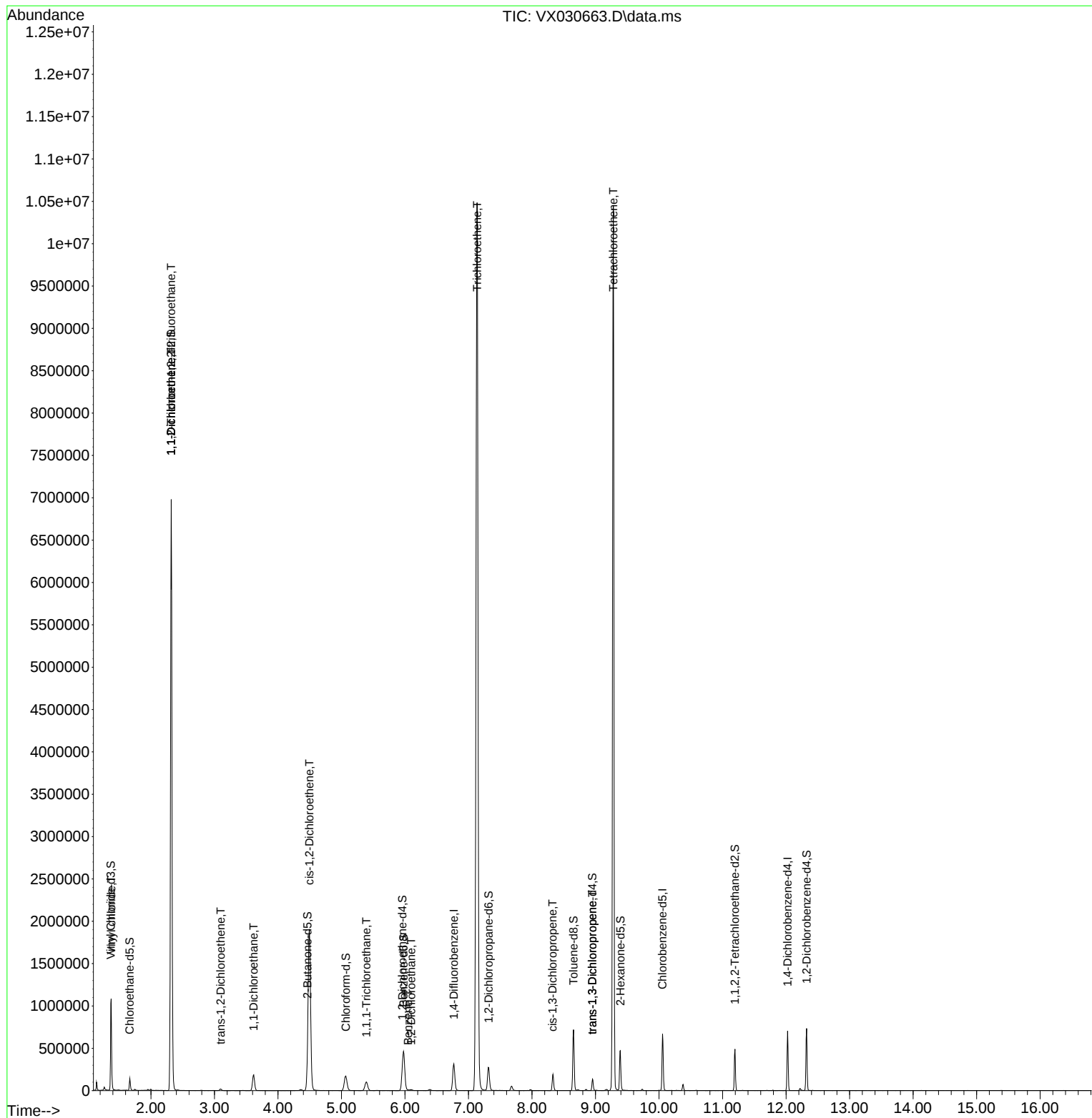
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	321740	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	296402	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	138123	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	120241	58.195	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	116.400%
7) Chloroethane-d5	1.666	69	87851	60.315	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	120.620%
11) 1,1-Dichloroethene-d2	2.318	63	1340095	342.881	ug/L	0.01
Spiked Amount	50.000	Range	60 - 125	Recovery	=	685.760%#
21) 2-Butanone-d5	4.464	46	194434	101.564	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.560%
24) Chloroform-d	5.068	84	222073	52.213	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.420%
26) 1,2-Dichloroethane-d4	5.958	65	142568	49.366	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.740%
32) Benzene-d6	5.976	84	464937	54.761	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.520%
36) 1,2-Dichloropropane-d6	7.318	67	151123	54.861	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.720%
41) Toluene-d8	8.653	98	426576	53.301	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.600%
43) trans-1,3-Dichloroprop...	8.951	79	67052	48.929	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.860%
47) 2-Hexanone-d5	9.390	63	145091	103.334	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.330%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	192177	53.107	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.220%
66) 1,2-Dichlorobenzene-d4	12.323	152	141944	52.983	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.960%
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	555590	249.859	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.318	101	7123	3.644	ug/L #	29
12) 1,1-Dichloroethene	2.318	96	2253021	1251.117	ug/L #	50
17) trans-1,2-Dichloroethene	3.099	96	6405	3.070	ug/L	85
19) 1,1-Dichloroethane	3.617	63	210671	52.209	ug/L	98
20) cis-1,2-Dichloroethene	4.495	96	1179361	502.524	ug/L	92
27) 1,2-Dichloroethane	6.098	62	11842	3.356	ug/L	100
30) 1,1,1-Trichloroethane	5.391	97	100491	25.703	ug/L	97
33) Benzene	6.050	78	7784	0.819	ug/L	100
34) Trichloroethene	7.135	95	4145670	1506.201	ug/L	87
39) cis-1,3-Dichloropropene	8.324	75	4192	1.112	ug/L #	60
44) trans-1,3-Dichloropropene	8.951	75	2775	0.752	ug/L #	75
46) Tetrachloroethene	9.281	164	1887819	1085.275	ug/L	98

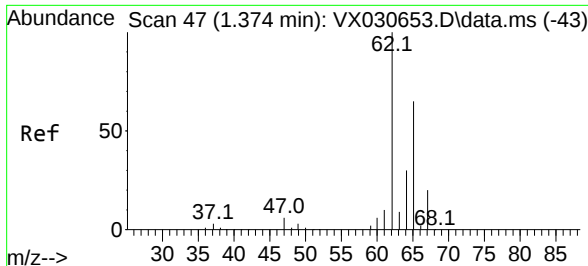
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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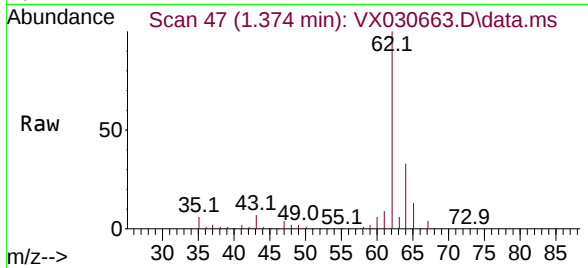
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 18 04:21:09 2022
Response via : Initial Calibration



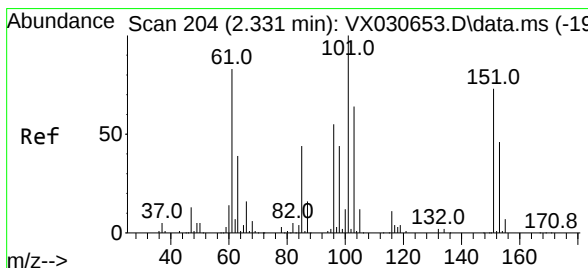
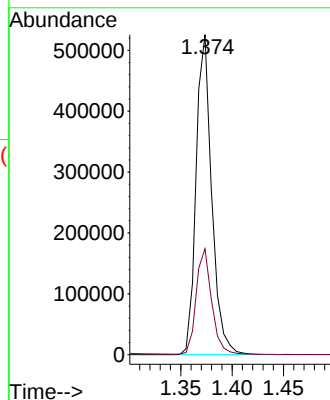
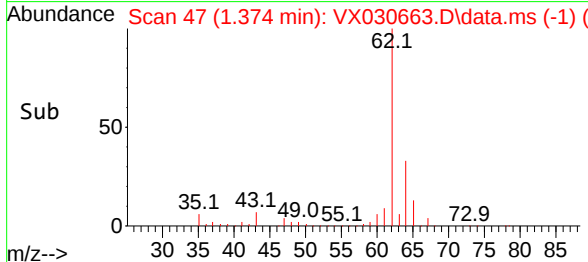


#5
 Vinyl chloride
 Concen: 249.859 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX030663.D
 Acq: 17 Aug 2022 16:25

Instrument :
 MSVOA_X
 ClientSampleId :

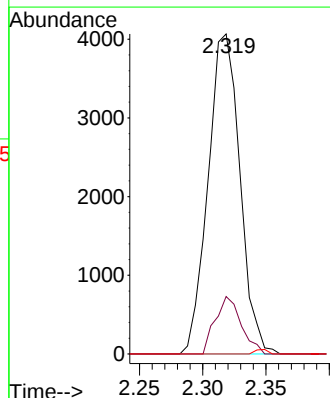
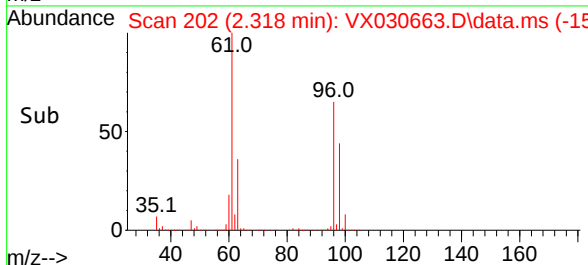
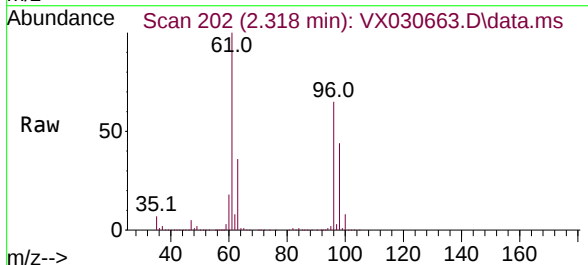


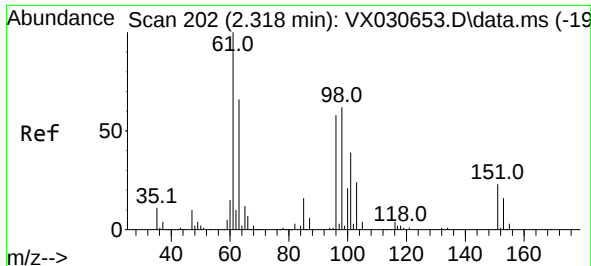
Tgt Ion: 62 Resp: 555590
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.8 44.2



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 3.644 ug/L
 RT: 2.318 min Scan# 202
 Delta R.T. -0.012 min
 Lab File: VX030663.D
 Acq: 17 Aug 2022 16:25

Tgt Ion: 101 Resp: 7123
 Ion Ratio Lower Upper
 101 100
 85 14.6 35.3 52.9#
 151 0.6 58.3 87.5#

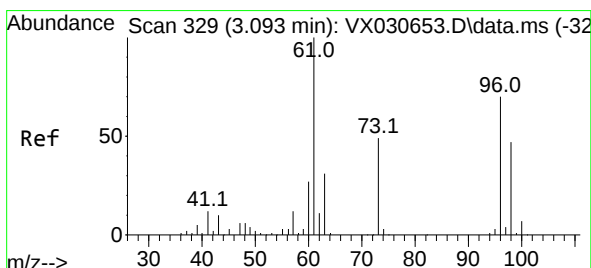
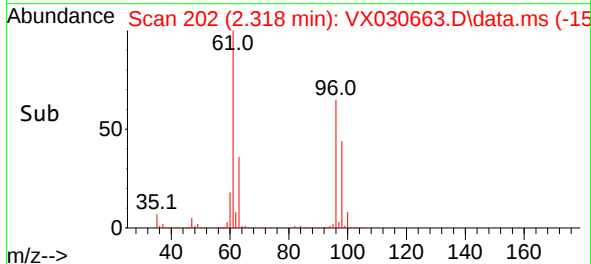
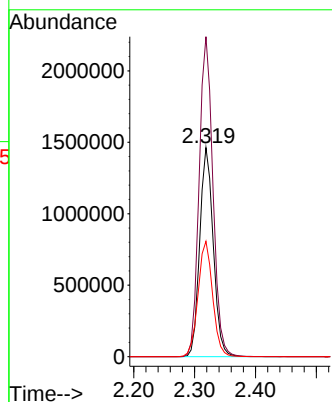
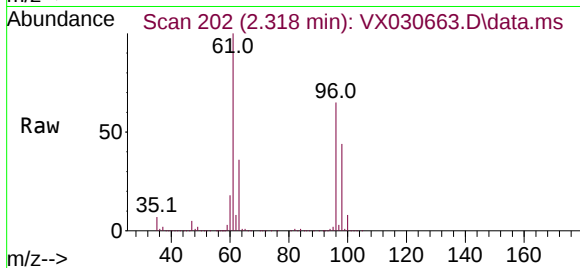




#12
1,1-Dichloroethene
Concen: 1251.117 ug/L
RT: 2.318 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX030663.D
Acq: 17 Aug 2022 16:25

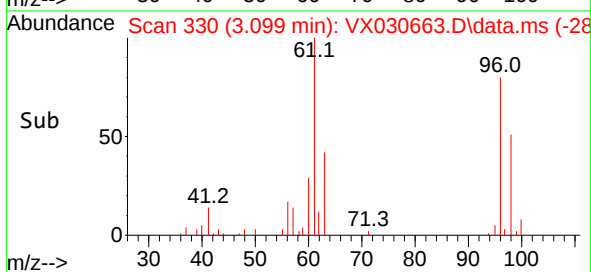
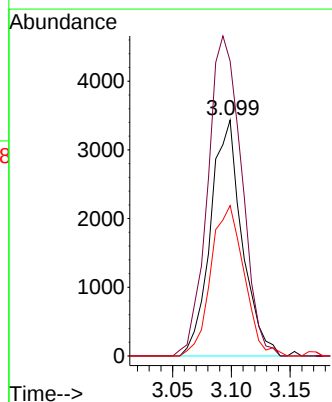
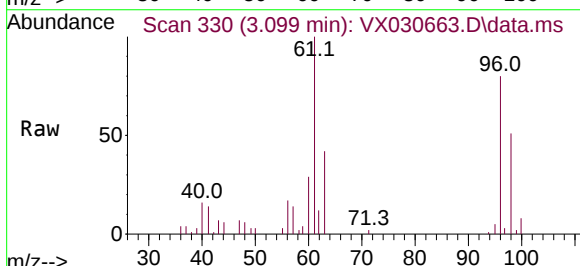
Instrument :
MSVOA_X
ClientSampleId :

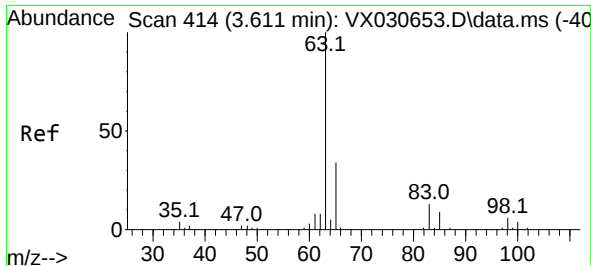
Tgt Ion: 96 Resp: 2253021
Ion Ratio Lower Upper
96 100
61 153.1 130.2 241.8
63 55.2 113.5 210.9#



#17
trans-1,2-Dichloroethene
Concen: 3.070 ug/L
RT: 3.099 min Scan# 330
Delta R.T. 0.006 min
Lab File: VX030663.D
Acq: 17 Aug 2022 16:25

Tgt Ion: 96 Resp: 6405
Ion Ratio Lower Upper
96 100
61 125.1 103.7 192.5
98 63.8 41.5 77.1





#19

1,1-Dichloroethane

Concen: 52.209 ug/L

RT: 3.617 min Scan# 41

Delta R.T. 0.006 min

Lab File: VX030663.D

Acq: 17 Aug 2022 16:25

Instrument :

MSVOA_X

ClientSampleId :

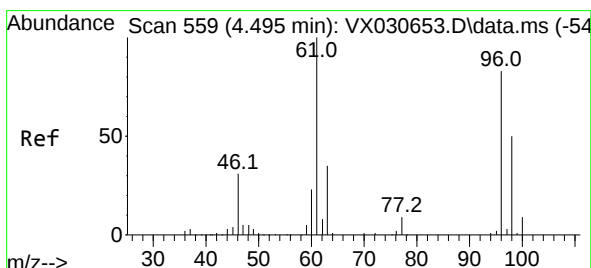
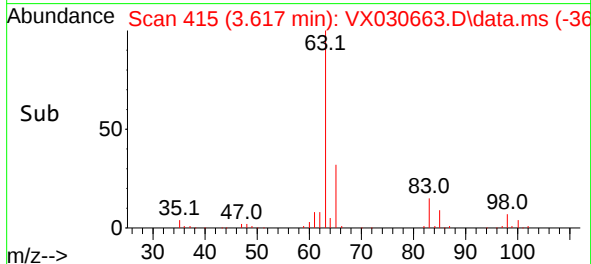
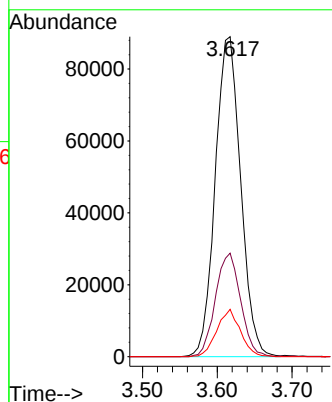
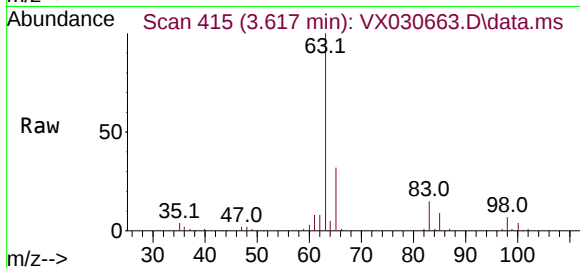
Tgt Ion: 63 Resp: 210671

Ion Ratio Lower Upper

63 100

65 32.4 22.0 40.8

83 14.8 9.9 18.3



#20

cis-1,2-Dichloroethene

Concen: 502.524 ug/L

RT: 4.495 min Scan# 559

Delta R.T. -0.000 min

Lab File: VX030663.D

Acq: 17 Aug 2022 16:25

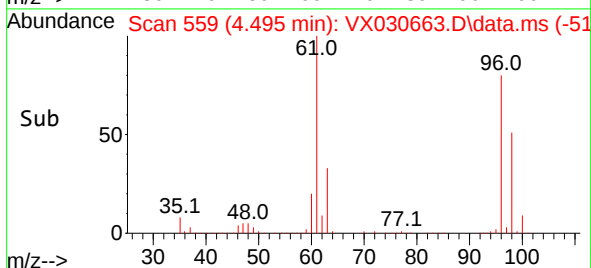
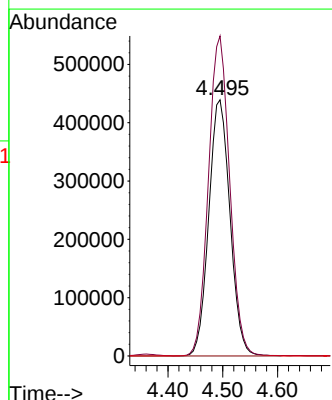
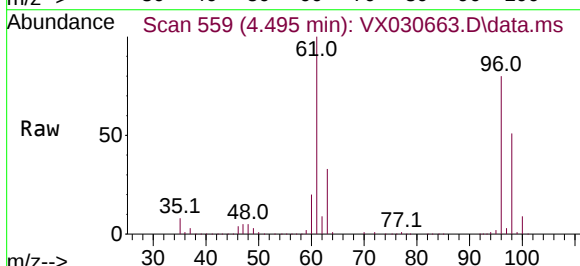
Tgt Ion: 96 Resp: 1179361

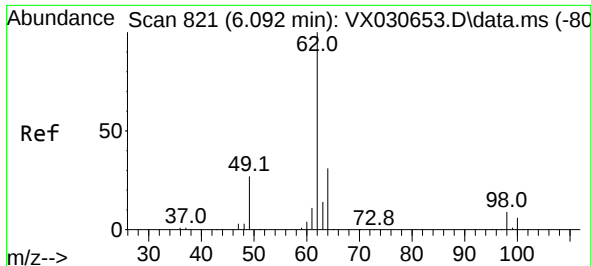
Ion Ratio Lower Upper

96 100

61 124.9 94.0 174.6

68 0.0 0.0 0.0

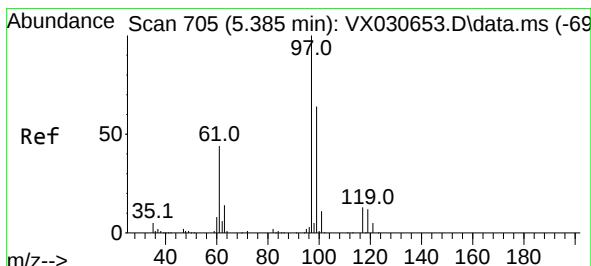
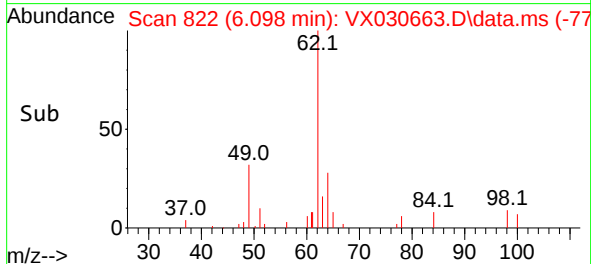
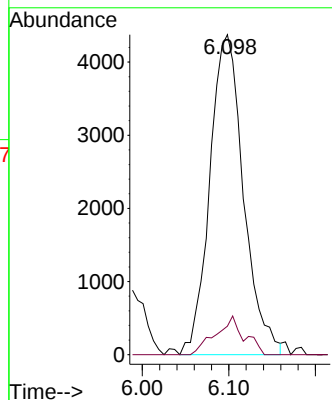
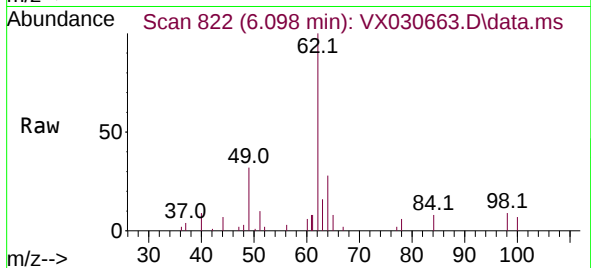




#27
1,2-Dichloroethane
Concen: 3.356 ug/L
RT: 6.098 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX030663.D
Acq: 17 Aug 2022 16:25

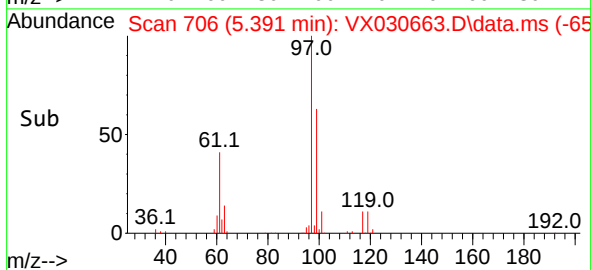
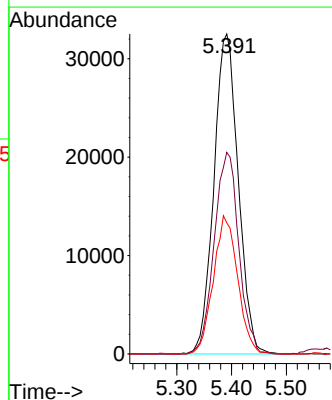
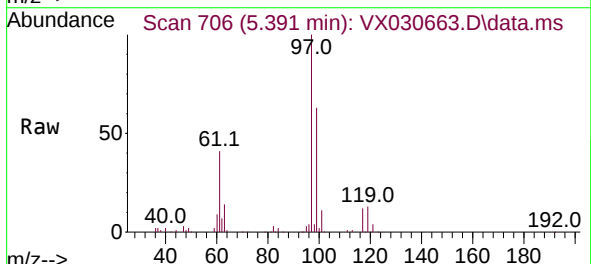
Instrument :
MSVOA_X
ClientSampleId :

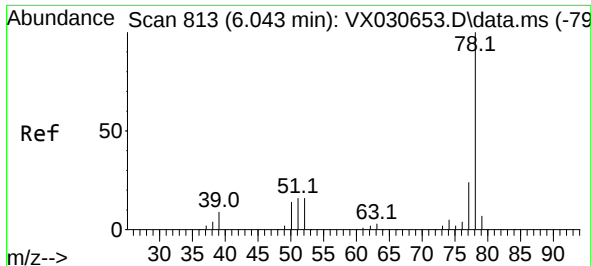
Tgt Ion: 62 Resp: 11842
Ion Ratio Lower Upper
62 100
98 8.9 7.0 10.6



#30
1,1,1-Trichloroethane
Concen: 25.703 ug/L
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX030663.D
Acq: 17 Aug 2022 16:25

Tgt Ion: 97 Resp: 100491
Ion Ratio Lower Upper
97 100
99 63.6 51.4 77.0
61 42.9 37.0 55.6

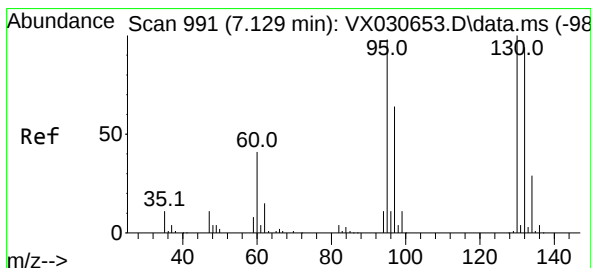
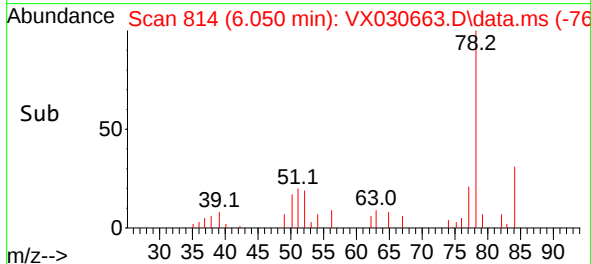
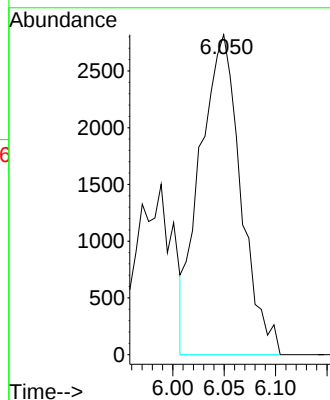
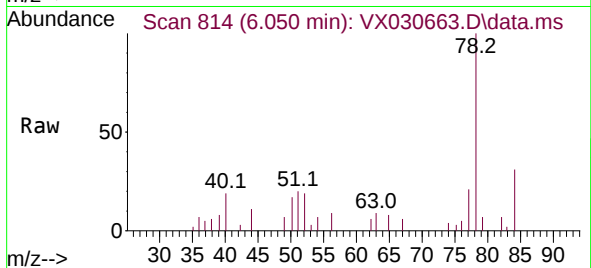




#33
Benzene
Concen: 0.819 ug/L
RT: 6.050 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX030663.D
Acq: 17 Aug 2022 16:25

Instrument :
MSVOA_X
ClientSampleId :

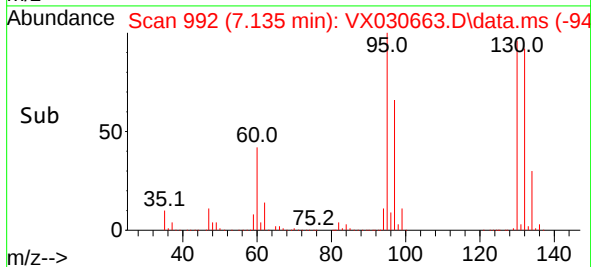
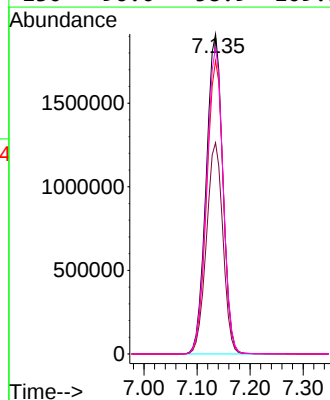
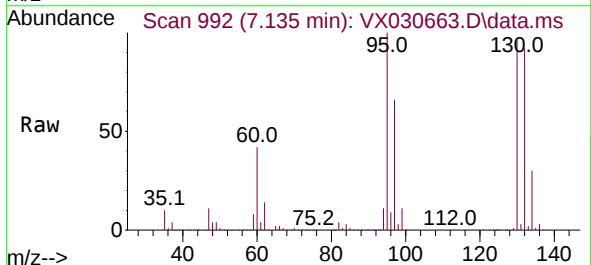
Tgt Ion: 78 Resp: 7784

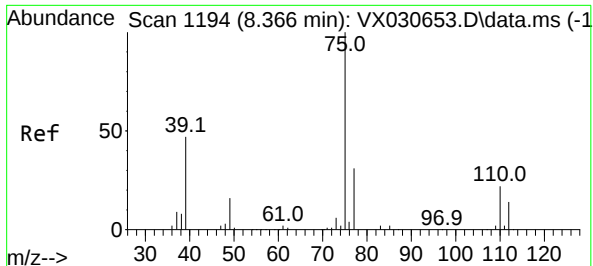


#34
Trichloroethene
Concen: 1506.201 ug/L
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX030663.D
Acq: 17 Aug 2022 16:25

Tgt Ion: 95 Resp: 4145670

Ion	Ratio	Lower	Upper
95	100		
97	66.0	40.2	74.6
132	91.7	55.3	102.7
130	96.0	58.9	109.5





#39

cis-1,3-Dichloropropene

Concen: 1.112 ug/L

RT: 8.324 min Scan# 1194

Delta R.T. -0.043 min

Lab File: VX030663.D

Acq: 17 Aug 2022 16:25

Instrument :

MSVOA_X

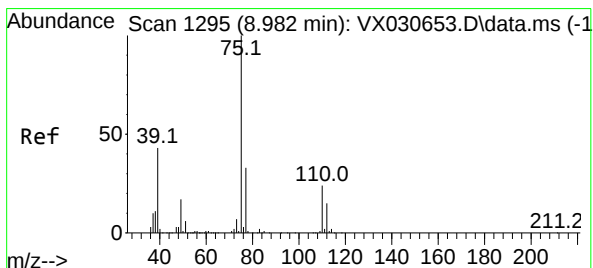
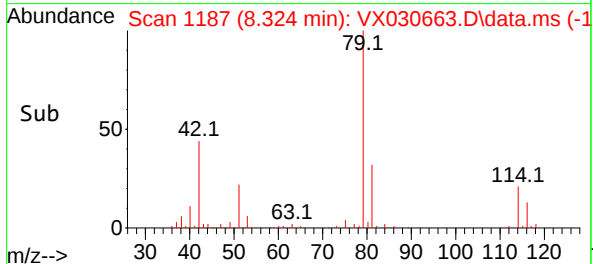
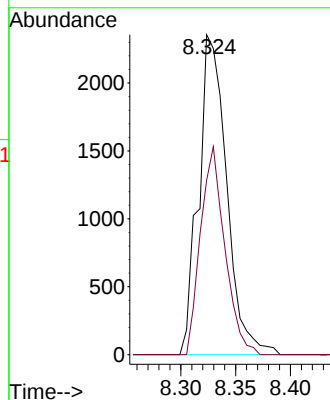
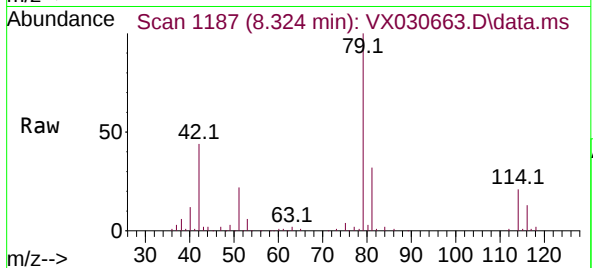
ClientSampleId :

Tgt Ion: 75 Resp: 4192

Ion Ratio Lower Upper

75 100

77 54.5 22.4 41.6#



#44

trans-1,3-Dichloropropene

Concen: 0.752 ug/L

RT: 8.951 min Scan# 1290

Delta R.T. -0.030 min

Lab File: VX030663.D

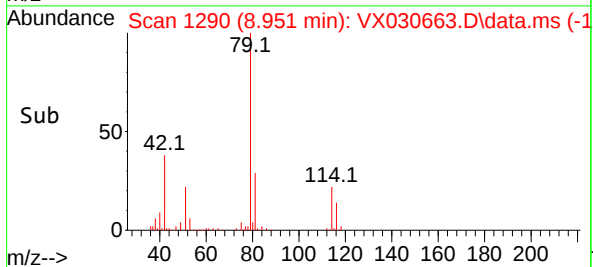
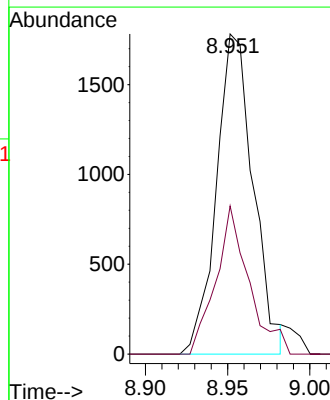
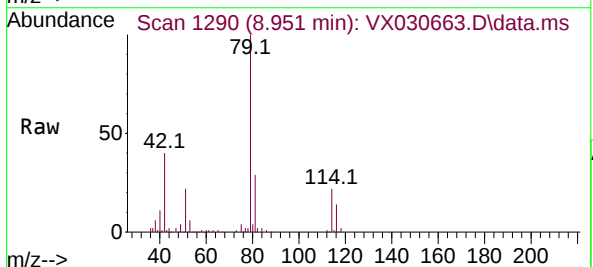
Acq: 17 Aug 2022 16:25

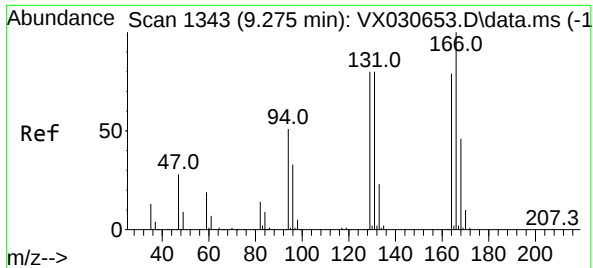
Tgt Ion: 75 Resp: 2775

Ion Ratio Lower Upper

75 100

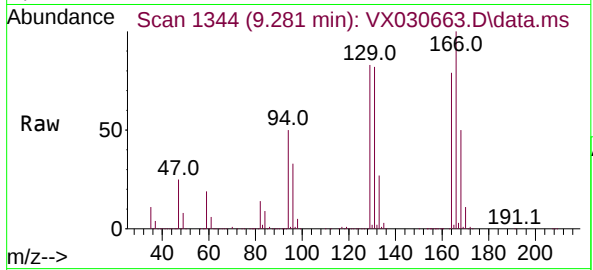
77 46.2 22.5 41.7#





#46
 Tetrachloroethene
 Concen: 1085.275 ug/L
 RT: 9.281 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX030663.D
 Acq: 17 Aug 2022 16:25

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:164 Resp: 1887819

Ion	Ratio	Lower	Upper
164	100		
129	105.9	72.7	135.1
131	104.0	69.9	129.9
166	127.1	88.3	164.1

