

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081722\
 Data File : VX030662.D
 Acq On : 17 Aug 2022 16:02
 Operator : JC/MD
 Sample : N4221-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C0KN6

Quant Time: Aug 18 04:23:18 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)

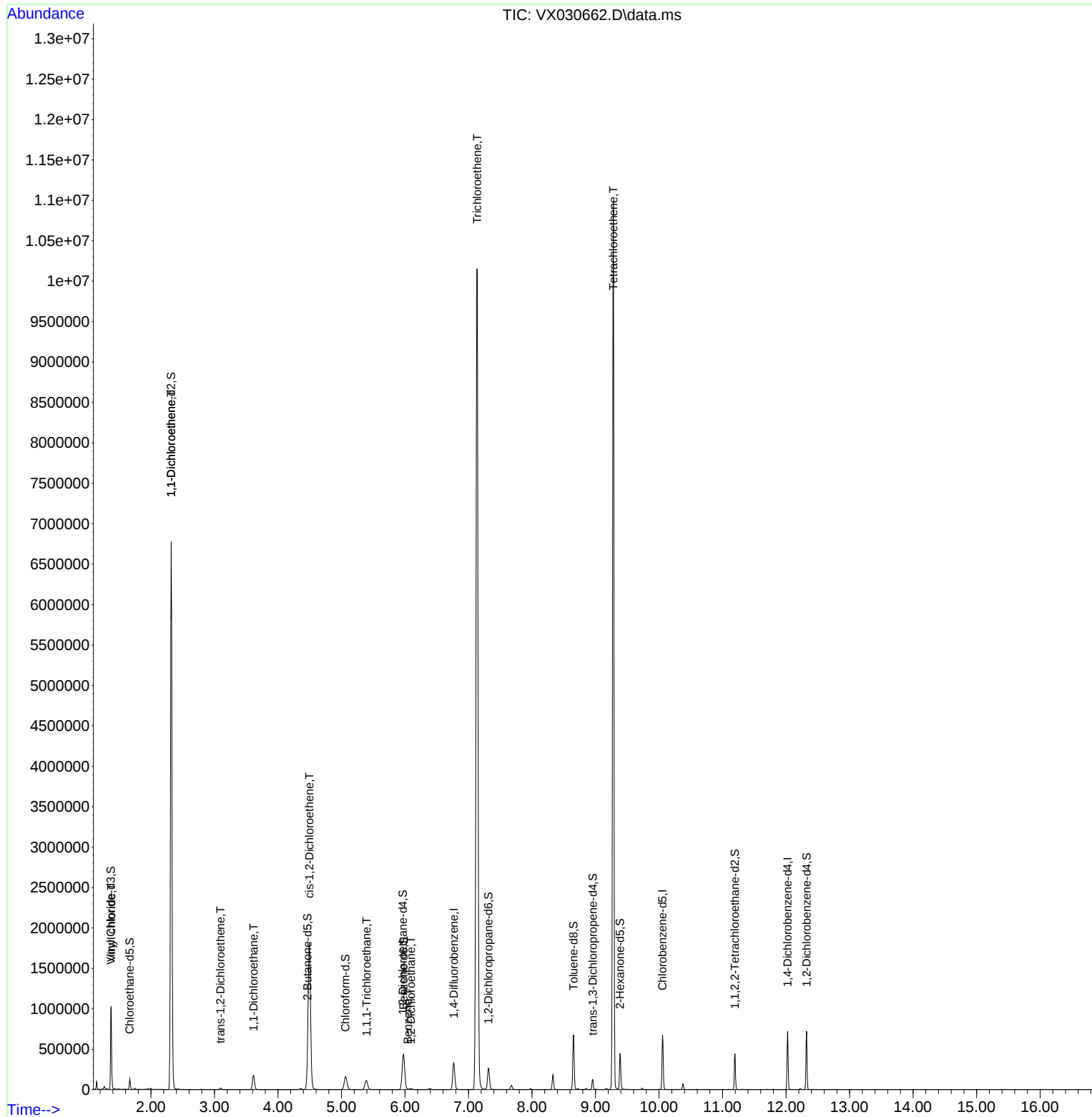
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	337660	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	304871	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	140333	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	115201	53.127	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	106.260%
7) Chloroethane-d5	1.666	69	83264	54.470	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.940%
11) 1,1-Dichloroethene-d2	2.319	63	1308621	319.041	ug/L	0.01
Spiked Amount	50.000	Range	60 - 125	Recovery	=	638.080%#
21) 2-Butanone-d5	4.465	46	180557	89.868	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.870%
24) Chloroform-d	5.062	84	207788	46.551	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.100%
26) 1,2-Dichloroethane-d4	5.964	65	134854	44.493	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.980%
32) Benzene-d6	5.976	84	438654	50.230	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.460%
36) 1,2-Dichloropropane-d6	7.312	67	143583	50.676	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.360%
41) Toluene-d8	8.653	98	395084	47.995	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.000%
43) trans-1,3-Dichloroprop...	8.958	79	63099	44.766	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.540%
47) 2-Hexanone-d5	9.384	63	133469	92.417	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.420%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	178466	47.948	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.900%
66) 1,2-Dichlorobenzene-d4	12.323	152	136401	50.112	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.220%
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	524352	224.693	ug/L	99
12) 1,1-Dichloroethene	2.319	96	2187079	1157.238	ug/L #	51
17) trans-1,2-Dichloroethene	3.093	96	5803	2.650	ug/L #	85
19) 1,1-Dichloroethane	3.617	63	201452	47.571	ug/L	100
20) cis-1,2-Dichloroethene	4.495	96	1124425	456.526	ug/L	91
27) 1,2-Dichloroethane	6.092	62	11253	3.039	ug/L	99
30) 1,1,1-Trichloroethane	5.397	97	110868	27.569	ug/L	97
33) Benzene	6.044	78	7250	0.742	ug/L	100
34) Trichloroethene	7.135	95	4021810	1420.609	ug/L	87
46) Tetrachloroethene	9.281	164	1961992	1096.583	ug/L	98

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

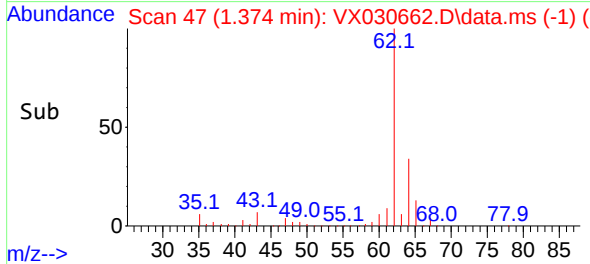
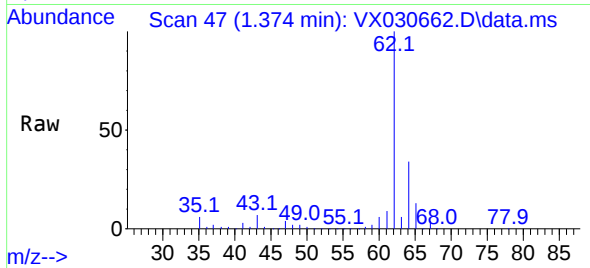
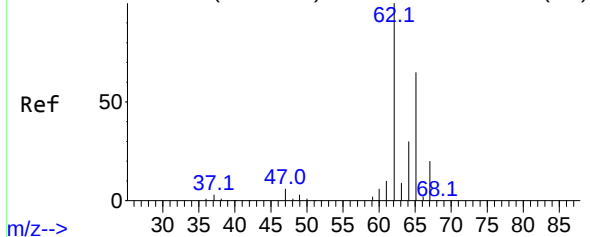
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Quant Title : VOC Analysis
QLast Update : Thu Aug 18 04:21:09 2022
Response via : Initial Calibration



Abundance Scan 47 (1.374 min): VX030653.D\data.ms (-43)



#5

Vinyl chloride

Concen: 224.693 ug/L

RT: 1.374 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX030662.D

Acq: 17 Aug 2022 16:02

Instrument :

MSVOA_X

ClientSampleId :

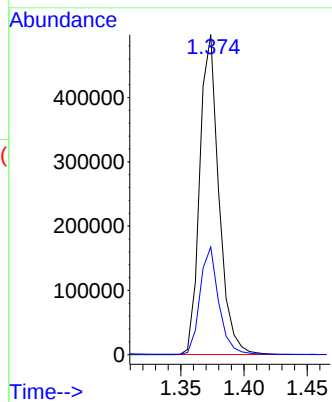
C0KN6

Tgt Ion: 62 Resp: 524352

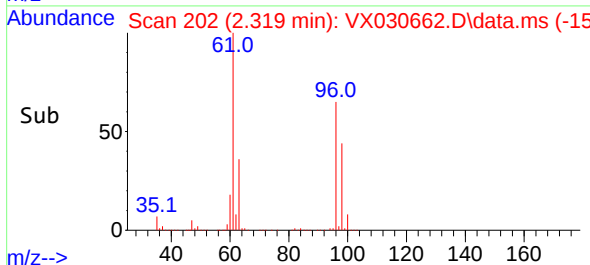
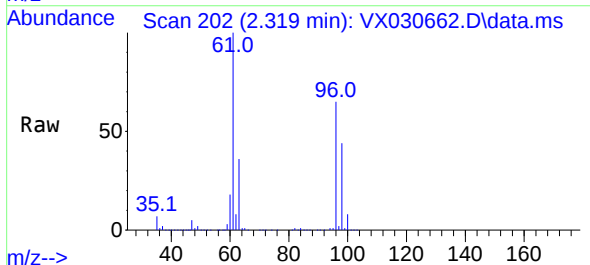
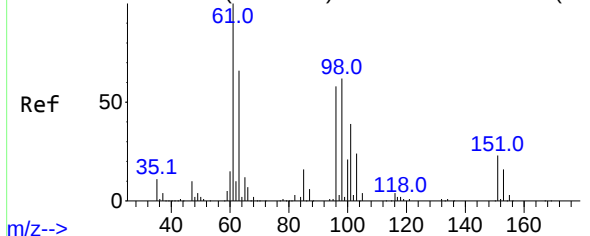
Ion Ratio Lower Upper

62 100

64 33.7 23.8 44.2



Abundance Scan 202 (2.318 min): VX030653.D\data.ms (-19)



#12

1,1-Dichloroethene

Concen: 1157.238 ug/L

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX030662.D

Acq: 17 Aug 2022 16:02

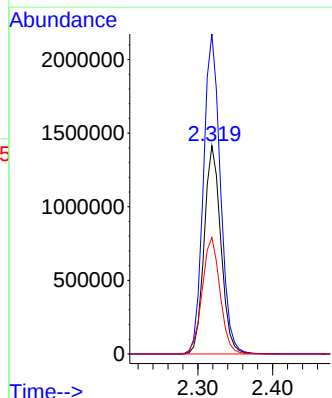
Tgt Ion: 96 Resp: 2187079

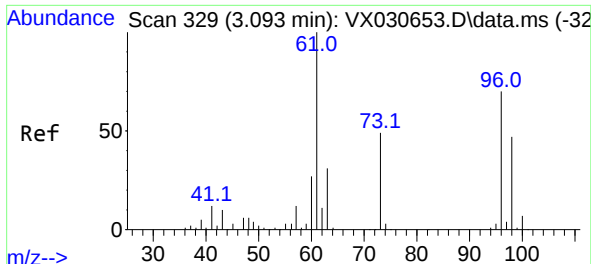
Ion Ratio Lower Upper

96 100

61 153.6 130.2 241.8

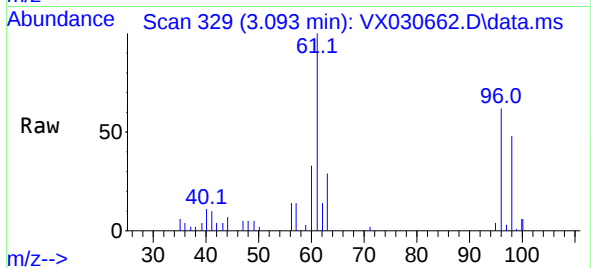
63 55.9 113.5 210.9#



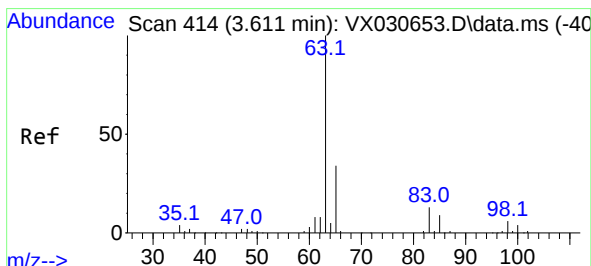
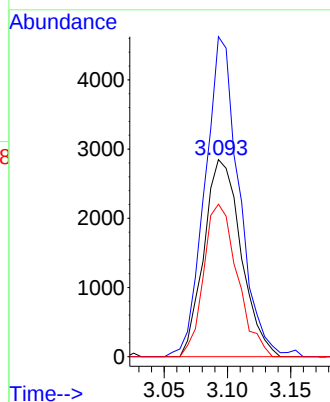
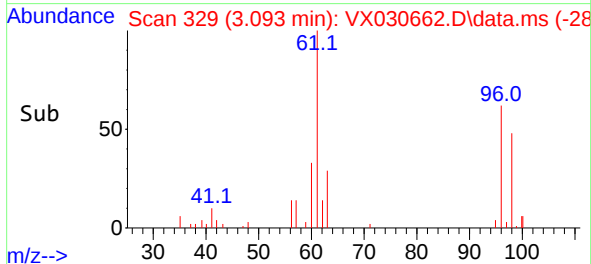


#17
trans-1,2-Dichloroethene
Concen: 2.650 ug/L
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX030662.D
Acq: 17 Aug 2022 16:02

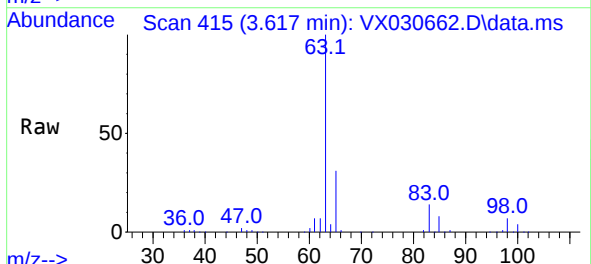
Instrument :
MSVOA_X
ClientSampleId :
C0KN6



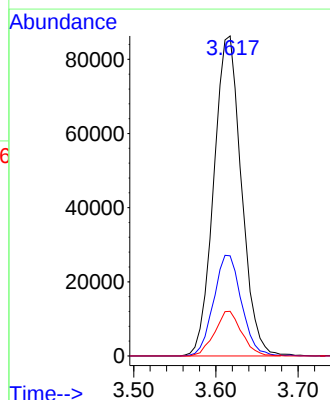
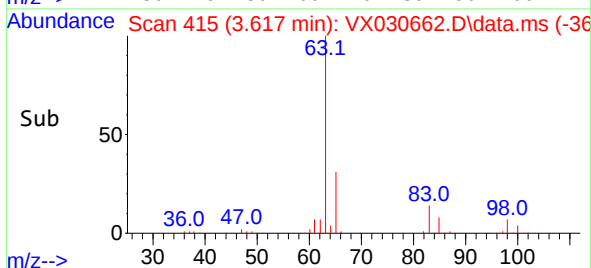
Tgt Ion: 96 Resp: 5803
Ion Ratio Lower Upper
96 100
61 162.4 103.7 192.5
98 77.4 41.5 77.1#

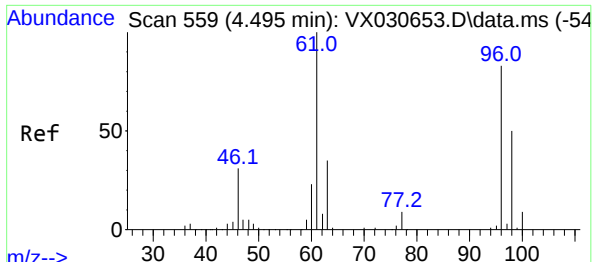


#19
1,1-Dichloroethane
Concen: 47.571 ug/L
RT: 3.617 min Scan# 415
Delta R.T. 0.006 min
Lab File: VX030662.D
Acq: 17 Aug 2022 16:02



Tgt Ion: 63 Resp: 201452
Ion Ratio Lower Upper
63 100
65 31.3 22.0 40.8
83 14.0 9.9 18.3





#20

cis-1,2-Dichloroethene

Concen: 456.526 ug/L

RT: 4.495 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX030662.D

Acq: 17 Aug 2022 16:02

Instrument :

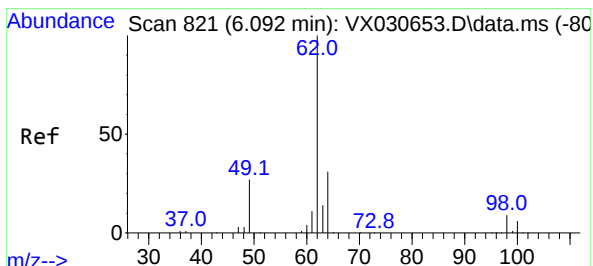
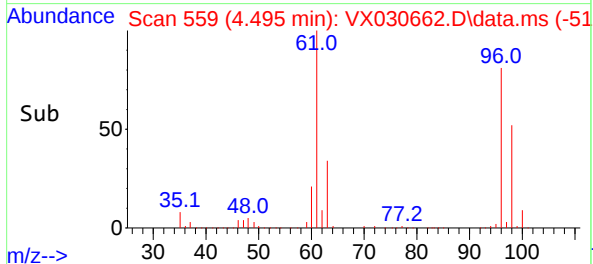
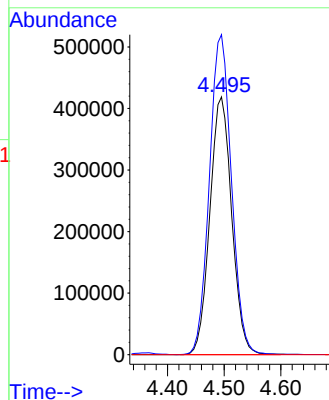
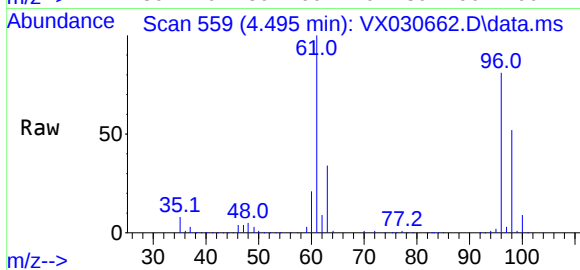
MSVOA_X

ClientSampleId :

C0KN6

Tgt Ion: 96 Resp: 1124425

Ion	Ratio	Lower	Upper
96	100		
61	124.2	94.0	174.6
68	0.0	0.0	0.0



#27

1,2-Dichloroethane

Concen: 3.039 ug/L

RT: 6.092 min Scan# 821

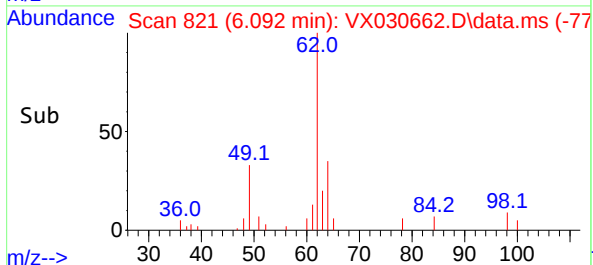
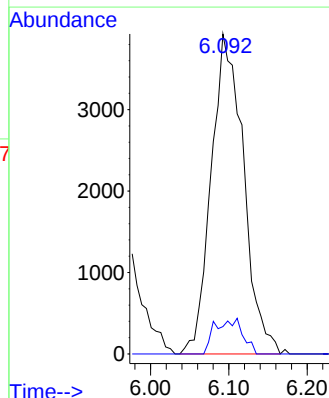
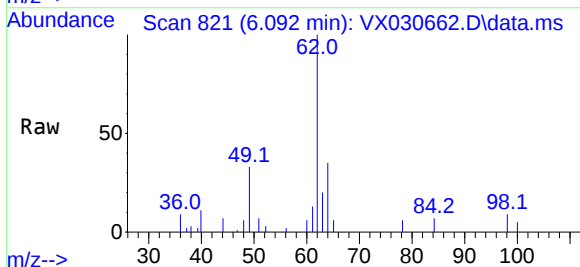
Delta R.T. 0.000 min

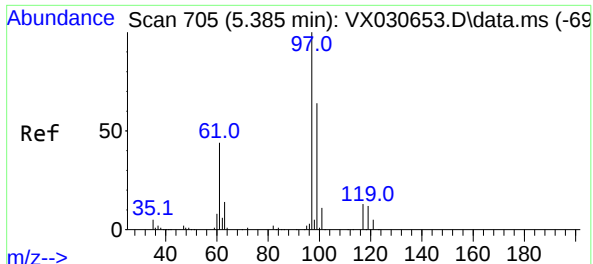
Lab File: VX030662.D

Acq: 17 Aug 2022 16:02

Tgt Ion: 62 Resp: 11253

Ion	Ratio	Lower	Upper
62	100		
98	8.6	7.0	10.6

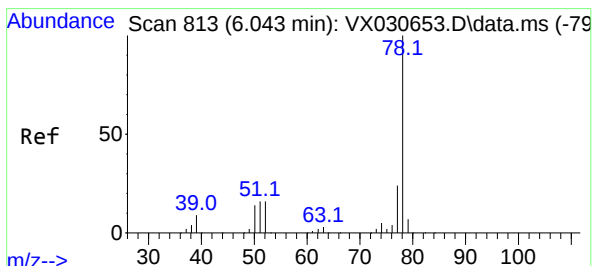
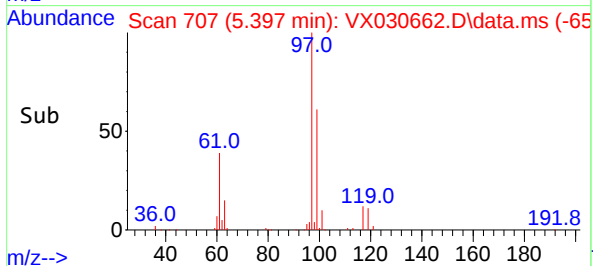
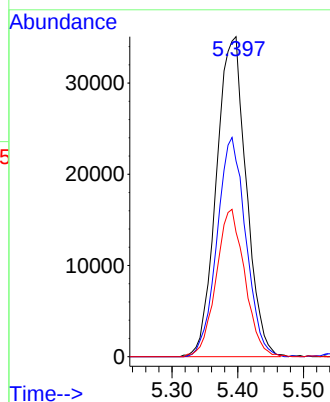
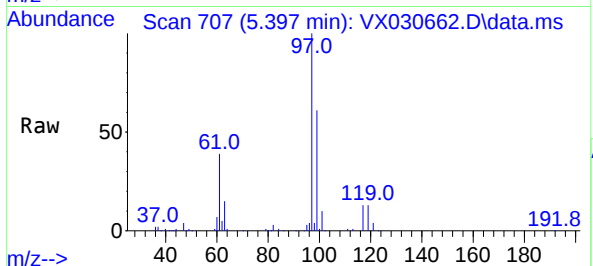




#30
1,1,1-Trichloroethane
Concen: 27.569 ug/L
RT: 5.397 min Scan# 705
Delta R.T. 0.012 min
Lab File: VX030662.D
Acq: 17 Aug 2022 16:02

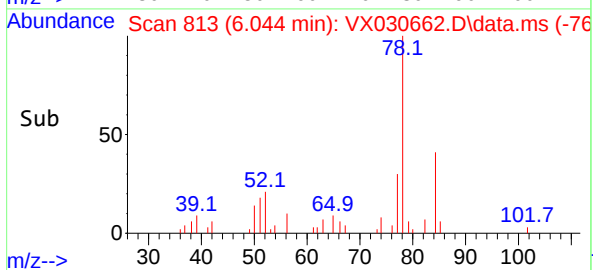
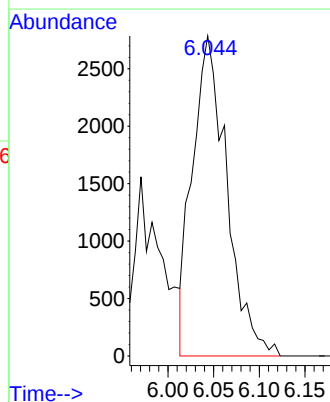
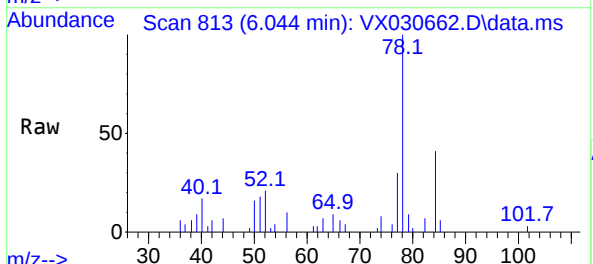
Instrument :
MSVOA_X
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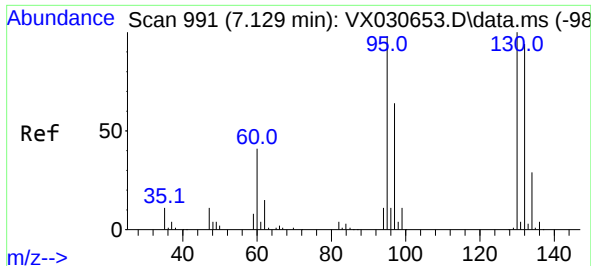
Tgt Ion: 97 Resp: 110868
Ion Ratio Lower Upper
97 100
99 66.1 51.4 77.0
61 44.3 37.0 55.6



#33
Benzene
Concen: 0.742 ug/L
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX030662.D
Acq: 17 Aug 2022 16:02

Tgt Ion: 78 Resp: 7250



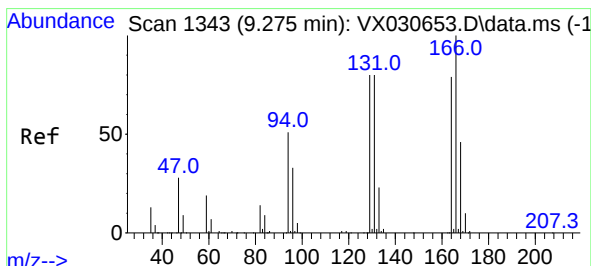
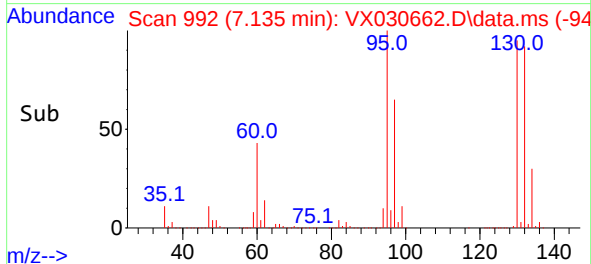
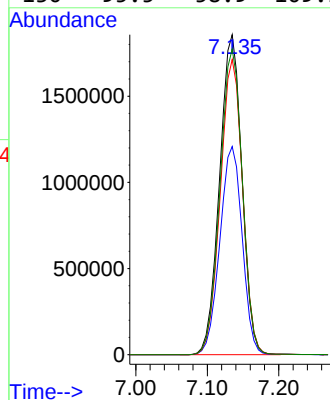
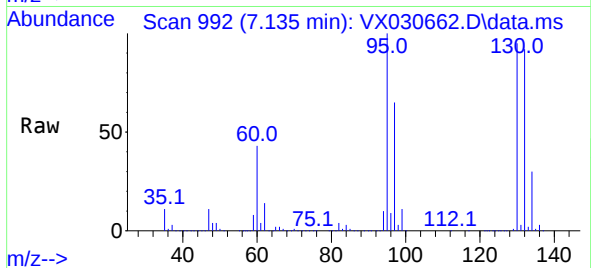


#34
Trichloroethene
Concen: 1420.609 ug/L
RT: 7.135 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX030662.D
Acq: 17 Aug 2022 16:02

Instrument :
MSVOA_X
ClientSampleId :
C0KN6

Tgt Ion: 95 Resp: 4021810

Ion	Ratio	Lower	Upper
95	100		
97	65.1	40.2	74.6
132	92.3	55.3	102.7
130	95.5	58.9	109.5



#46
Tetrachloroethene
Concen: 1096.583 ug/L
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX030662.D
Acq: 17 Aug 2022 16:02

Tgt Ion: 164 Resp: 1961992

Ion	Ratio	Lower	Upper
164	100		
129	105.9	72.7	135.1
131	102.6	69.9	129.9
166	127.4	88.3	164.1

