

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081822\
 Data File : VX030688.D
 Acq On : 18 Aug 2022 16:24
 Operator : JC/MD
 Sample : N4231-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C0KN5

Quant Time: Aug 18 19:30:29 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)

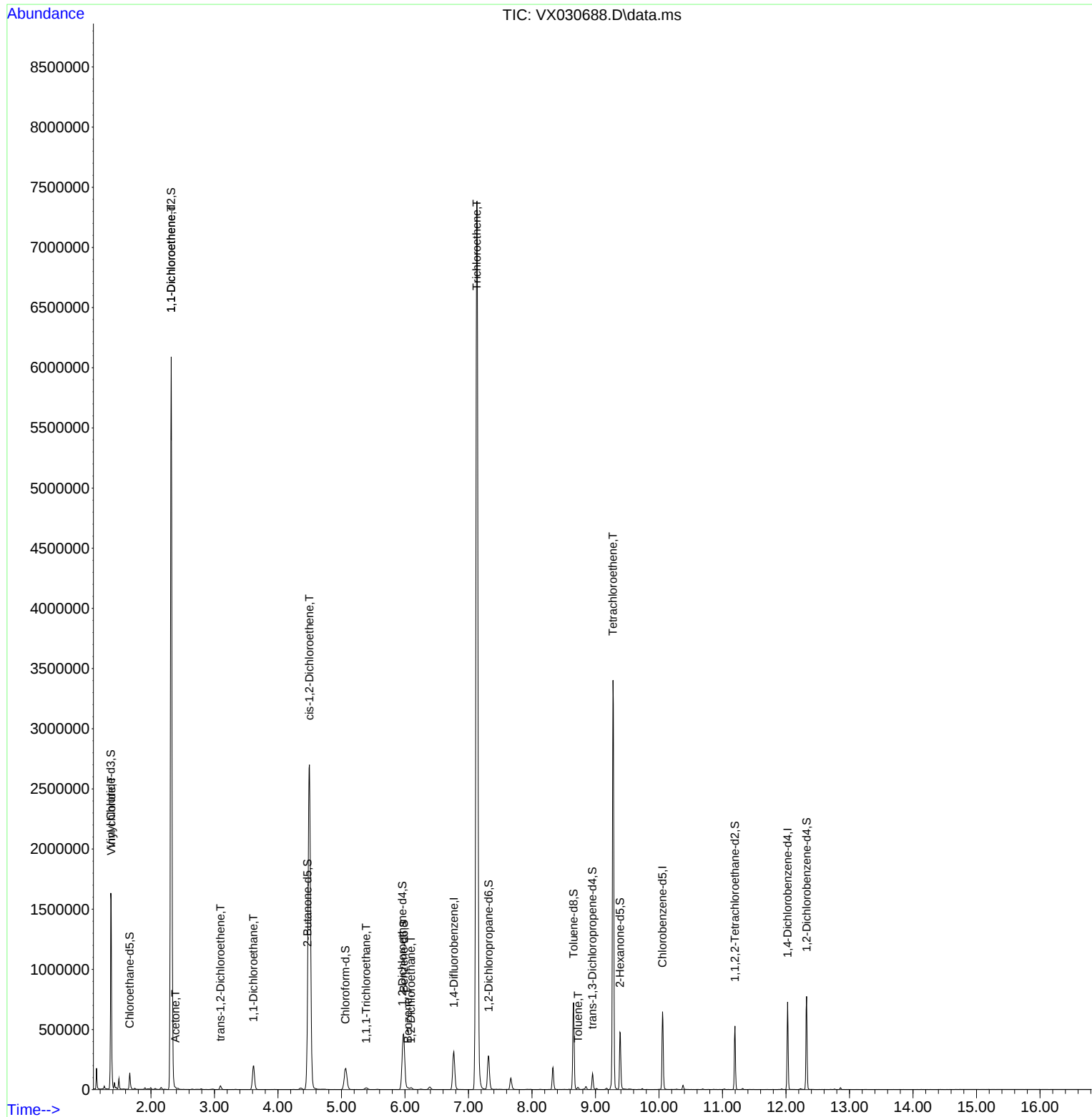
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	330001	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	302043	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	139612	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	122663	57.881	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 115.760%	
7) Chloroethane-d5	1.666	69	87965	58.881	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 117.760%	
11) 1,1-Dichloroethene-d2	2.319	63	1187205	296.158	ug/L	0.01
Spiked Amount	50.000	Range	60 - 125	Recovery	= 592.320%#	
21) 2-Butanone-d5	4.465	46	195432	99.530	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 99.530%	
24) Chloroform-d	5.062	84	230415	52.818	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 105.640%	
26) 1,2-Dichloroethane-d4	5.958	65	143776	48.538	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 97.080%	
32) Benzene-d6	5.983	84	483786	55.917	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 111.840%	
36) 1,2-Dichloropropane-d6	7.318	67	156043	55.589	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 111.180%	
41) Toluene-d8	8.653	98	439993	53.951	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 107.900%	
43) trans-1,3-Dichloroprop...	8.952	79	65585	46.965	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 93.940%	
47) 2-Hexanone-d5	9.385	63	147000	102.739	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 102.740%	
56) 1,1,2,2-Tetrachloroeth...	11.195	84	205412	55.704	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 111.400%	
66) 1,2-Dichlorobenzene-d4	12.323	152	152555	56.337	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 112.680%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.374	62	922378	404.427	ug/L	99
12) 1,1-Dichloroethene	2.319	96	2026231	1097.012	ug/L #	47
13) Acetone	2.386	43	11225	7.800	ug/L	87
17) trans-1,2-Dichloroethene	3.093	96	11935	5.578	ug/L	90
19) 1,1-Dichloroethane	3.611	63	223895	54.098	ug/L	100
20) cis-1,2-Dichloroethene	4.495	96	1725803	716.953	ug/L	90
27) 1,2-Dichloroethane	6.092	62	15457	4.271	ug/L #	95
30) 1,1,1-Trichloroethane	5.385	97	12848	3.225	ug/L #	87
33) Benzene	6.044	78	15895	1.641	ug/L	100
34) Trichloroethene	7.129	95	3017287	1075.764	ug/L	86
42) Toluene	8.726	91	11377	1.112	ug/L	91
46) Tetrachloroethene	9.275	164	634310	357.844	ug/L	99

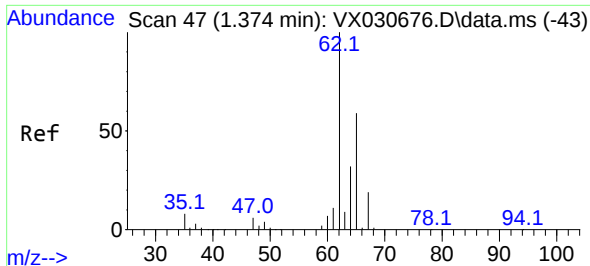
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081822\
Data File : VX030688.D
Acq On : 18 Aug 2022 16:24
Operator : JC/MD
Sample : N4231-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0KN5

Quant Time: Aug 18 19:30:29 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

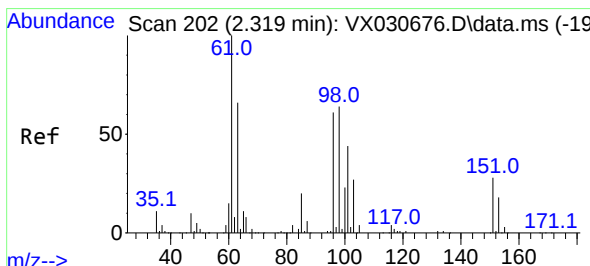
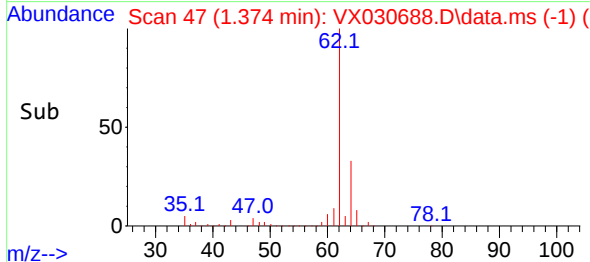
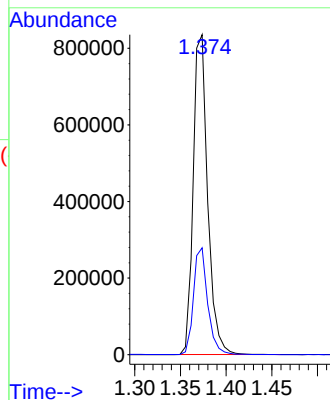
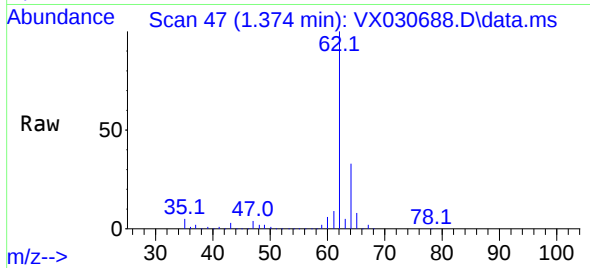




#5
 Vinyl chloride
 Concen: 404.427 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX030688.D
 Acq: 18 Aug 2022 16:24

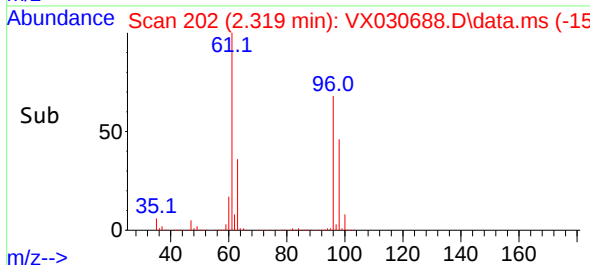
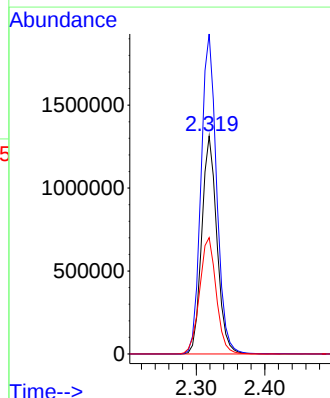
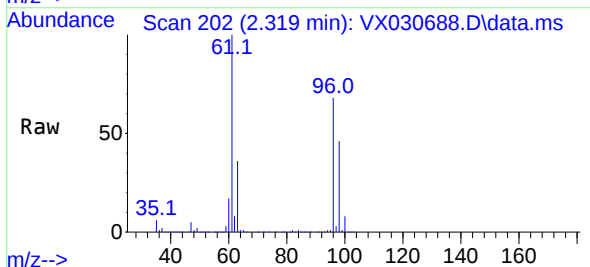
Instrument :
 MSVOA_X
 ClientSampleId :
 C0KN5

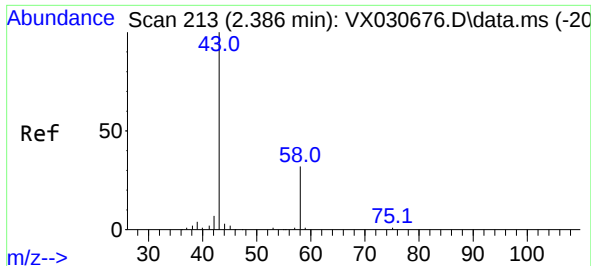
Tgt Ion: 62 Resp: 922378
 Ion Ratio Lower Upper
 62 100
 64 33.4 23.8 44.2



#12
 1,1-Dichloroethene
 Concen: 1097.012 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX030688.D
 Acq: 18 Aug 2022 16:24

Tgt Ion: 96 Resp: 2026231
 Ion Ratio Lower Upper
 96 100
 61 146.8 130.2 241.8
 63 53.4 113.5 210.9#

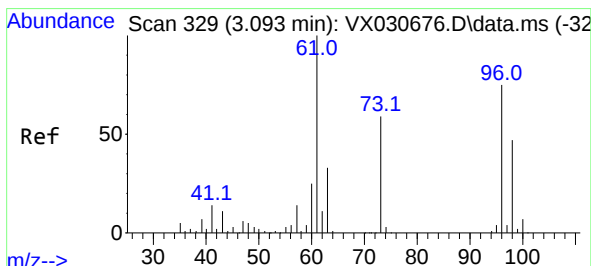
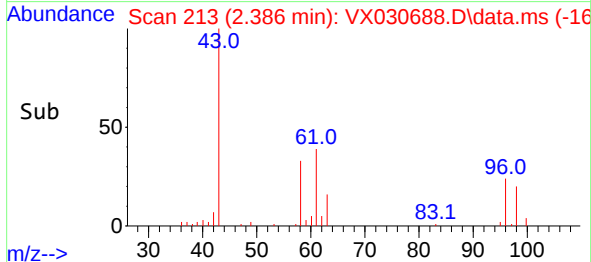
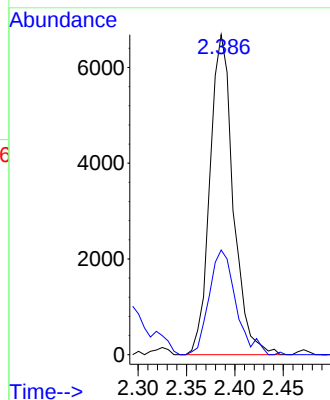
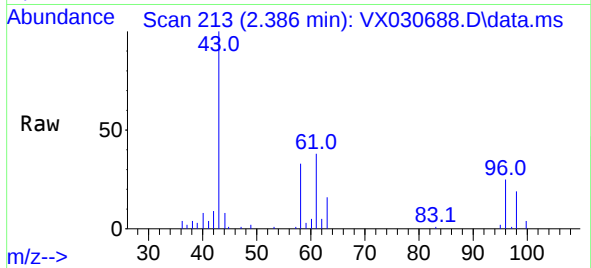




#13
Acetone
Concen: 7.800 ug/L
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX030688.D
Acq: 18 Aug 2022 16:24

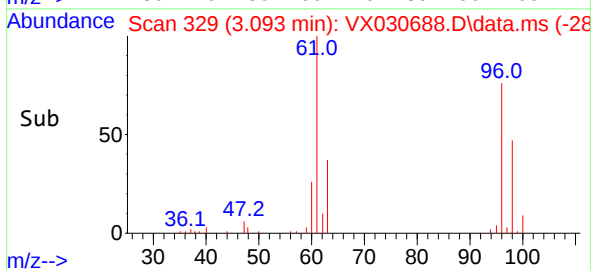
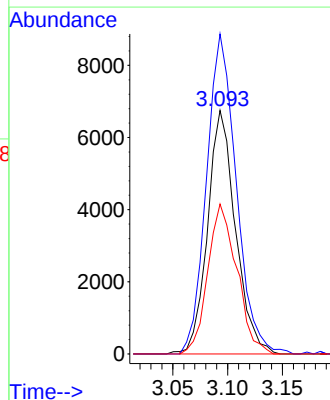
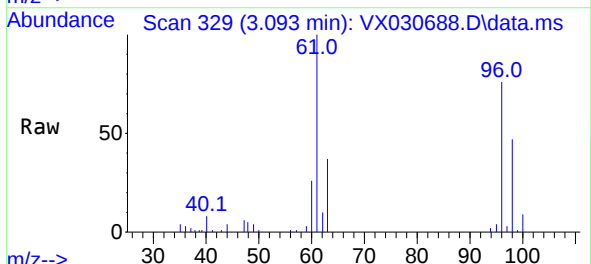
Instrument :
MSVOA_X
ClientSampleId :
C0KN5

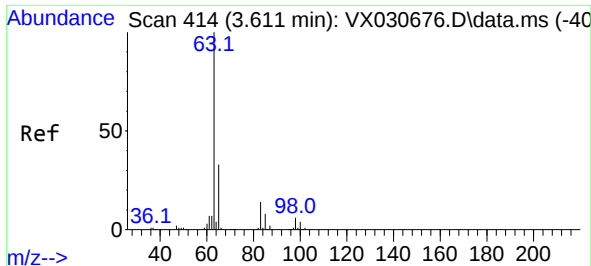
Tgt Ion: 43 Resp: 11225
Ion Ratio Lower Upper
43 100
58 35.8 0.0 57.8



#17
trans-1,2-Dichloroethene
Concen: 5.578 ug/L
RT: 3.093 min Scan# 329
Delta R.T. 0.000 min
Lab File: VX030688.D
Acq: 18 Aug 2022 16:24

Tgt Ion: 96 Resp: 11935
Ion Ratio Lower Upper
96 100
61 131.4 103.7 192.5
98 61.6 41.5 77.1





#19

1,1-Dichloroethane

Concen: 54.098 ug/L

RT: 3.611 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX030688.D

Acq: 18 Aug 2022 16:24

Instrument :

MSVOA_X

ClientSampleId :

C0KN5

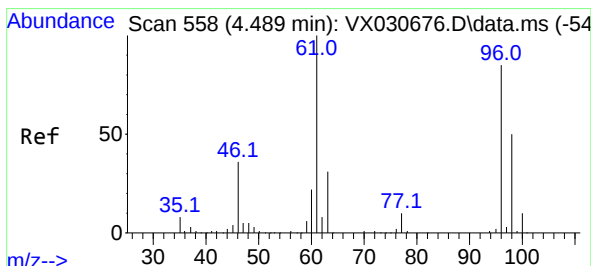
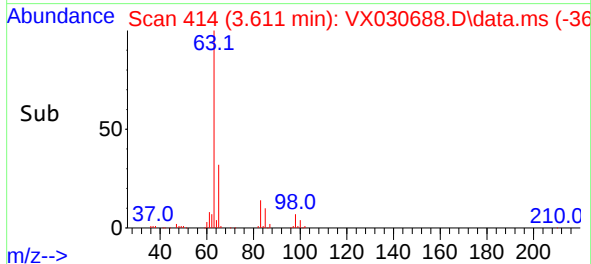
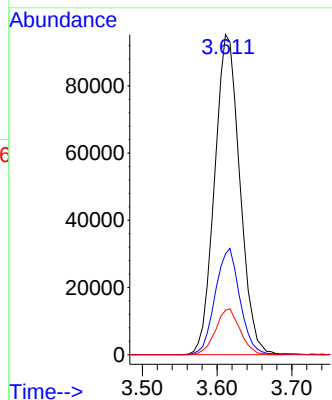
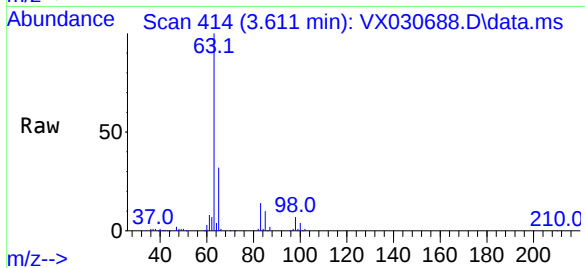
Tgt Ion: 63 Resp: 223895

Ion Ratio Lower Upper

63 100

65 31.5 22.0 40.8

83 13.8 9.9 18.3



#20

cis-1,2-Dichloroethene

Concen: 716.953 ug/L

RT: 4.495 min Scan# 559

Delta R.T. 0.000 min

Lab File: VX030688.D

Acq: 18 Aug 2022 16:24

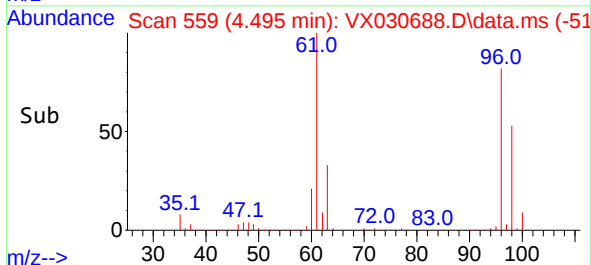
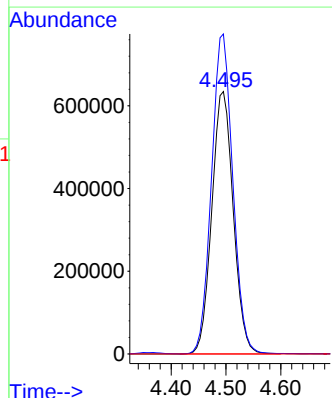
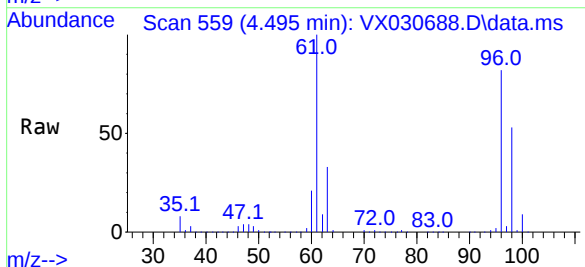
Tgt Ion: 96 Resp: 1725803

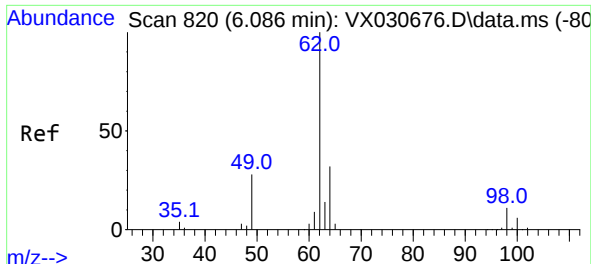
Ion Ratio Lower Upper

96 100

61 121.9 94.0 174.6

68 0.0 0.0 0.0

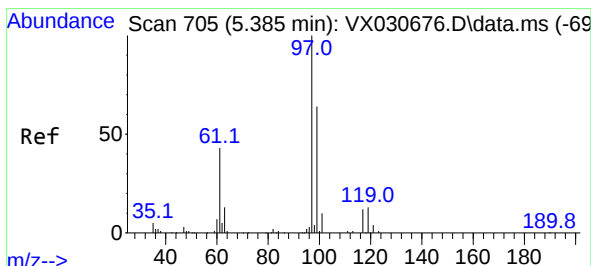
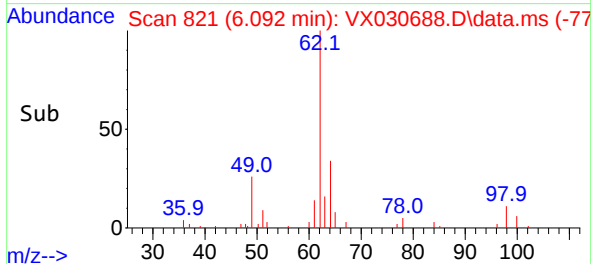
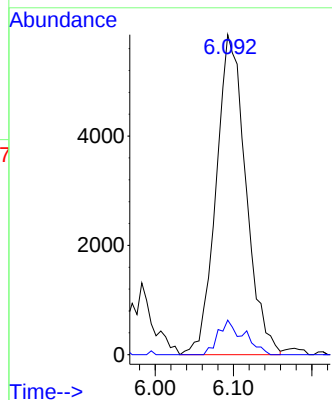
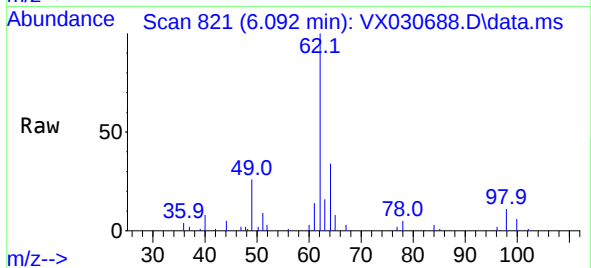




#27
1,2-Dichloroethane
Concen: 4.271 ug/L
RT: 6.092 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX030688.D
Acq: 18 Aug 2022 16:24

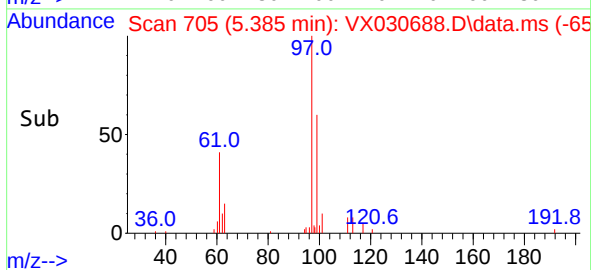
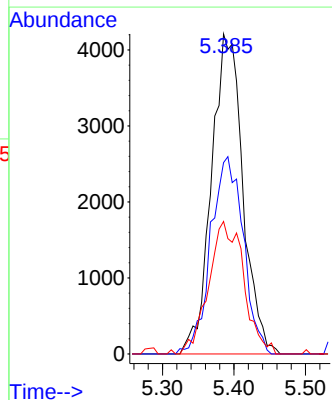
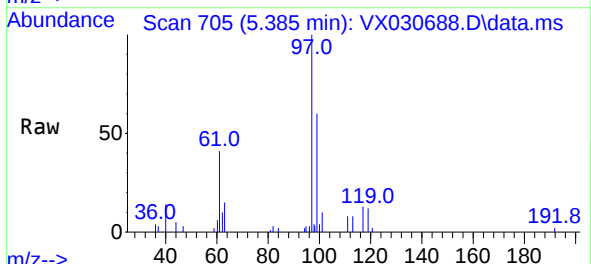
Instrument :
MSVOA_X
ClientSampleId :
C0KN5

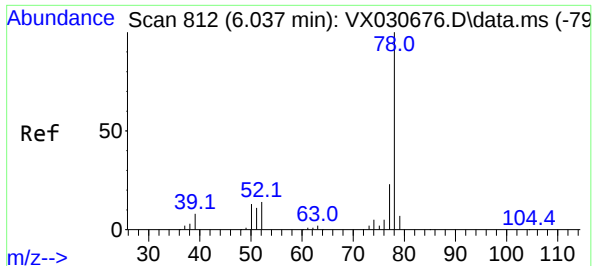
Tgt Ion: 62 Resp: 15457
Ion Ratio Lower Upper
62 100
98 10.8 7.0 10.6#



#30
1,1,1-Trichloroethane
Concen: 3.225 ug/L
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX030688.D
Acq: 18 Aug 2022 16:24

Tgt Ion: 97 Resp: 12848
Ion Ratio Lower Upper
97 100
99 63.6 51.4 77.0
61 26.0 37.0 55.6#

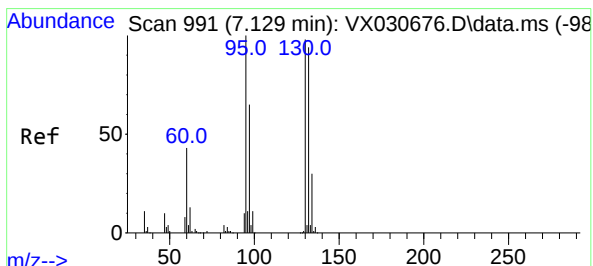
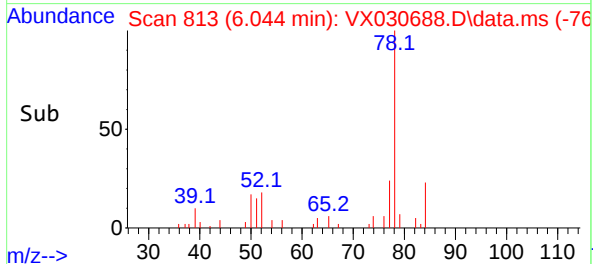
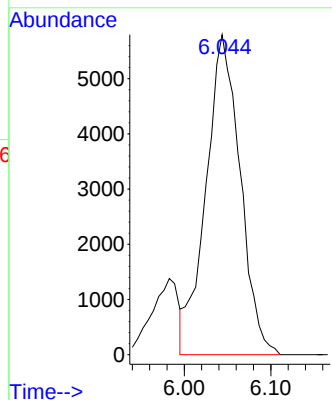
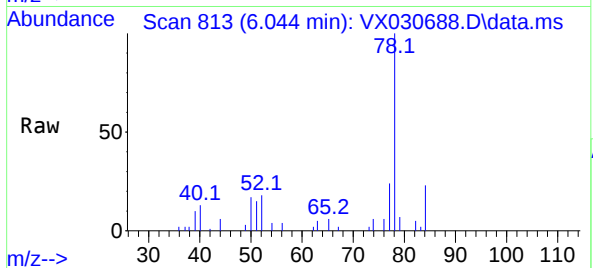




#33
Benzene
Concen: 1.641 ug/L
RT: 6.044 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX030688.D
Acq: 18 Aug 2022 16:24

Instrument :
MSVOA_X
ClientSampleId :
C0KN5

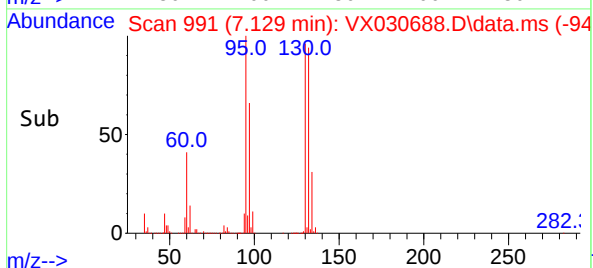
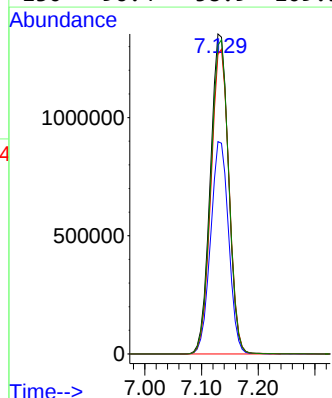
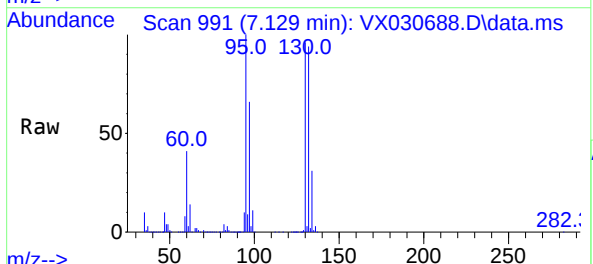
Tgt Ion: 78 Resp: 15895

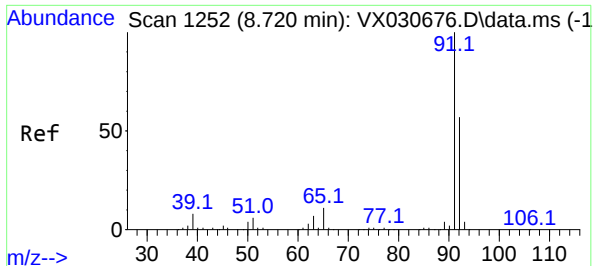


#34
Trichloroethene
Concen: 1075.764 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX030688.D
Acq: 18 Aug 2022 16:24

Tgt Ion: 95 Resp: 3017287

Ion	Ratio	Lower	Upper
95	100		
97	66.3	40.2	74.6
132	93.5	55.3	102.7
130	96.4	58.9	109.5

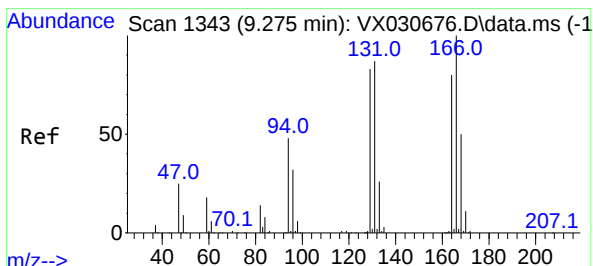
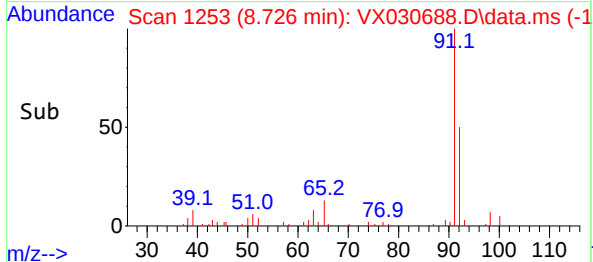
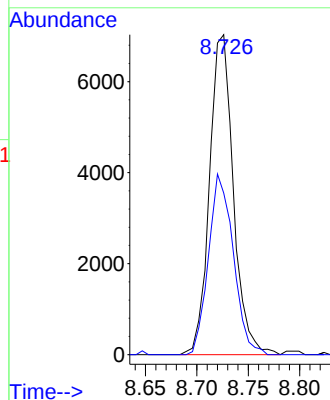
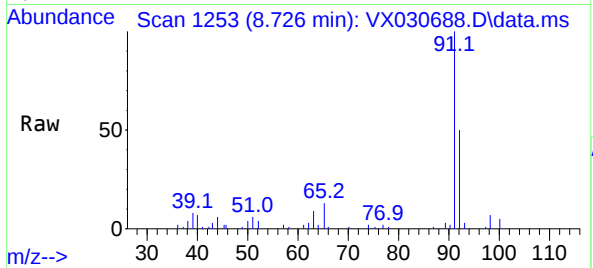




#42
Toluene
Concen: 1.112 ug/L
RT: 8.726 min Scan# 11377
Delta R.T. 0.006 min
Lab File: VX030688.D
Acq: 18 Aug 2022 16:24

Instrument :
MSVOA_X
ClientSampleId :
C0KN5

Tgt Ion: 91 Resp: 11377
Ion Ratio Lower Upper
91 100
92 50.5 40.0 74.4



#46
Tetrachloroethene
Concen: 357.844 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX030688.D
Acq: 18 Aug 2022 16:24

Tgt Ion:164 Resp: 634310
Ion Ratio Lower Upper
164 100
129 103.6 72.7 135.1
131 99.2 69.9 129.9
166 125.0 88.3 164.1

