

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061422\
 Data File : VX029478.D
 Acq On : 14 Jun 2022 20:23
 Operator : JC/MD
 Sample : N3313-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 YB7L5

Quant Time: Jun 15 05:49:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML061322WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 15 05:41:21 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

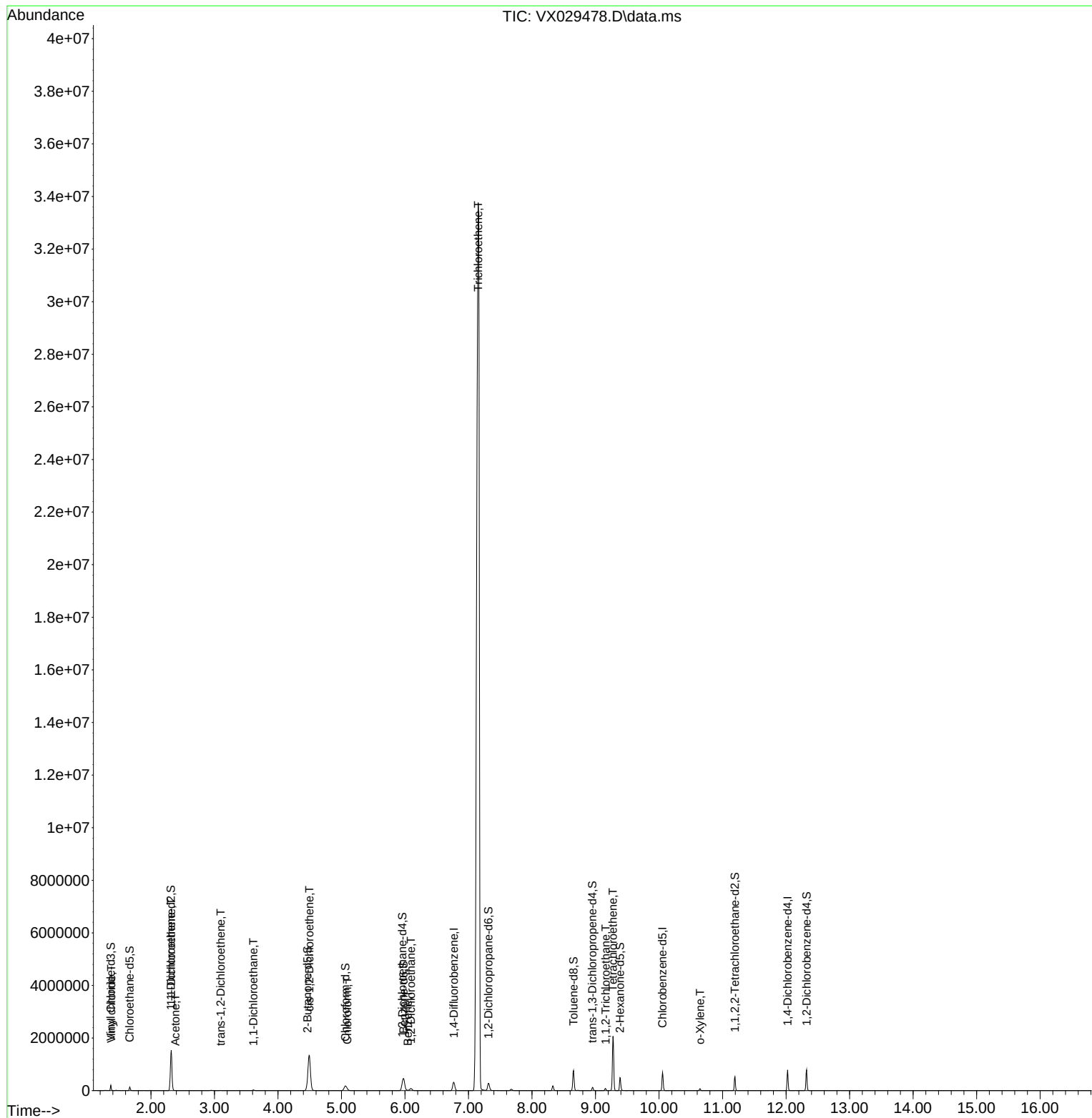
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	344463	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	311801	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	154893	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	117709	44.135	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.260%
7) Chloroethane-d5	1.666	69	92123	55.581	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	111.160%
11) 1,1-Dichloroethene-d2	2.313	63	408120	84.932	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	169.860%#
21) 2-Butanone-d5	4.465	46	193474	95.678	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.680%
24) Chloroform-d	5.062	84	235199	46.189	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.380%
26) 1,2-Dichloroethane-d4	5.958	65	150725	45.782	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.560%
32) Benzene-d6	5.976	84	487508	50.056	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.120%
36) 1,2-Dichloropropane-d6	7.312	67	142354	49.903	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.800%
41) Toluene-d8	8.653	98	446234	48.599	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.200%
43) trans-1,3-Dichloroprop...	8.952	79	63348	45.036	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.080%
47) 2-Hexanone-d5	9.384	63	152506	98.844	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.840%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	205859	49.216	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.440%
66) 1,2-Dichlorobenzene-d4	12.323	152	157202	48.816	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.640%
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	5568	1.856	ug/L #	52
12) 1,1-Dichloroethene	2.319	96	470290	201.355	ug/L #	63
13) Acetone	2.386	43	3275	2.430	ug/L	96
17) trans-1,2-Dichloroethene	3.099	96	3168	1.267	ug/L	88
19) 1,1-Dichloroethane	3.611	63	27825	6.298	ug/L	99
20) cis-1,2-Dichloroethene	4.495	96	869495	307.548	ug/L	95
25) Chloroform	5.093	83	18761	3.840	ug/L	90
27) 1,2-Dichloroethane	6.092	62	90977	24.371	ug/L	98
33) Benzene	6.044	78	16182	1.587	ug/L	100
34) Trichloroethene	7.153	95	17193968	4784.714	ug/L	95
45) 1,1,2-Trichloroethane	9.159	97	22964	8.746	ug/L	97
46) Tetrachloroethene	9.275	164	386695	187.467	ug/L	96
54) o-Xylene	10.646	106	16841	3.577	ug/L	92

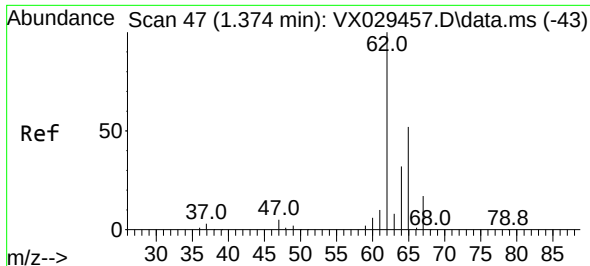
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061422\
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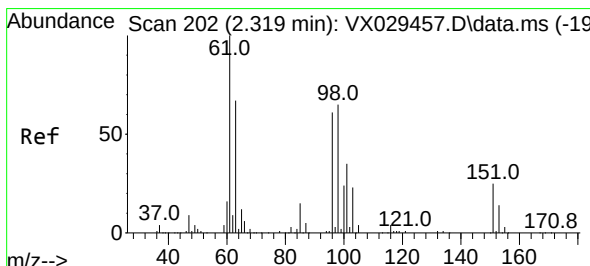
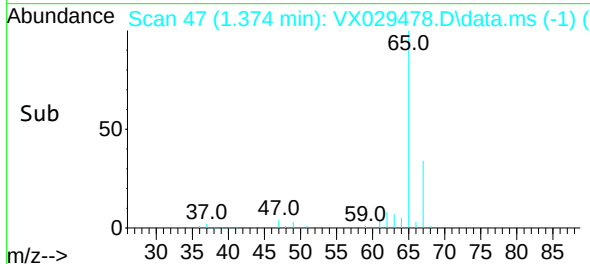
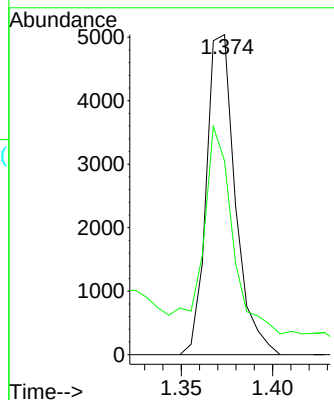
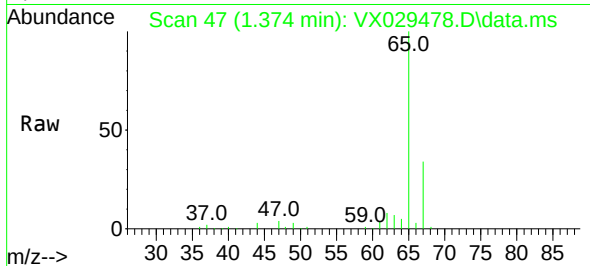




#5
 Vinyl chloride
 Concen: 1.856 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX029478.D
 Acq: 14 Jun 2022 20:23

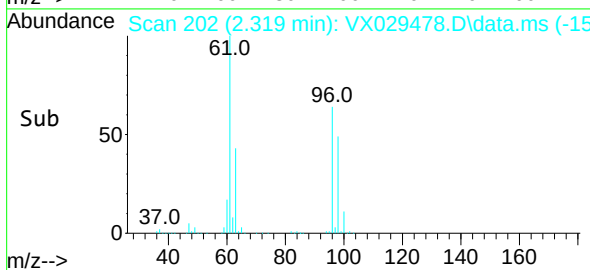
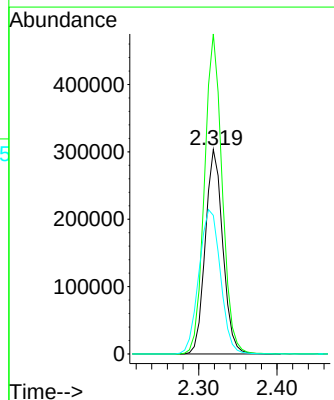
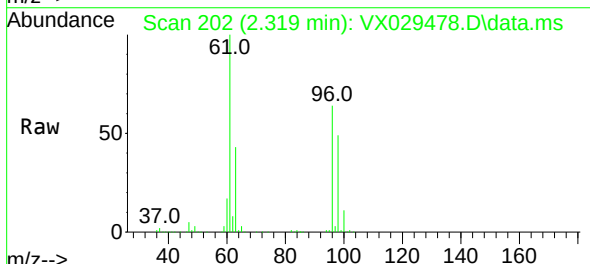
Instrument :
 MSVOA_X
 ClientSampleId :
 YB7L5

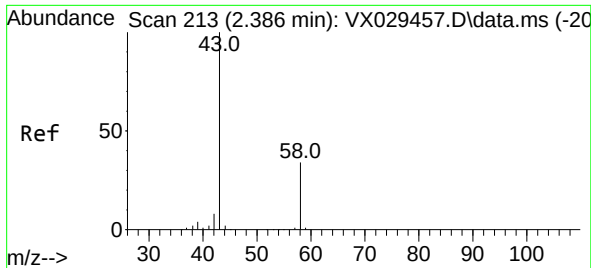
Tgt Ion: 62 Resp: 5568
 Ion Ratio Lower Upper
 62 100
 64 60.6 23.3 43.3#



#12
 1,1-Dichloroethene
 Concen: 201.355 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX029478.D
 Acq: 14 Jun 2022 20:23

Tgt Ion: 96 Resp: 470290
 Ion Ratio Lower Upper
 96 100
 61 156.5 118.2 219.4
 63 67.8 109.6 203.4#

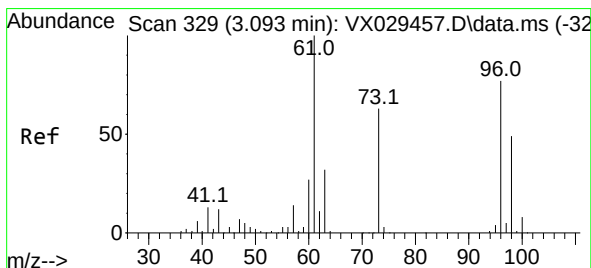
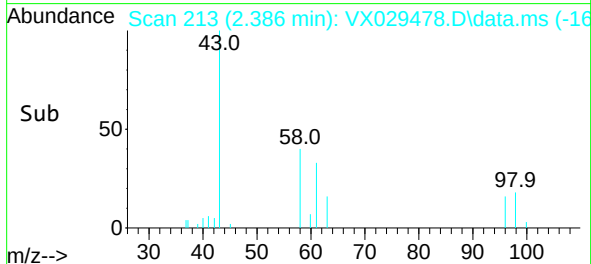
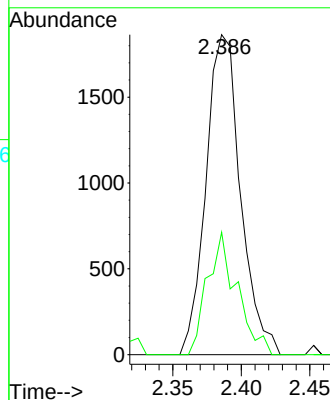
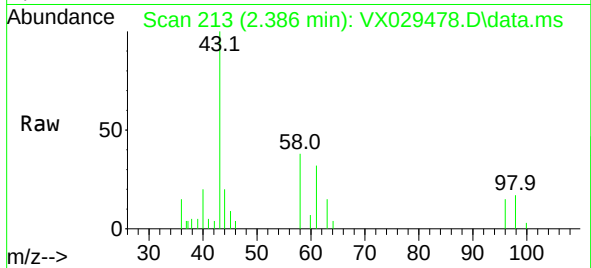




#13
Acetone
Concen: 2.430 ug/L
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX029478.D
Acq: 14 Jun 2022 20:23

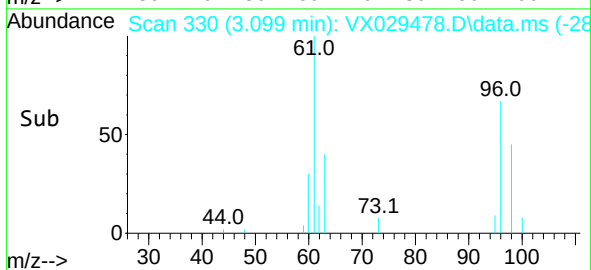
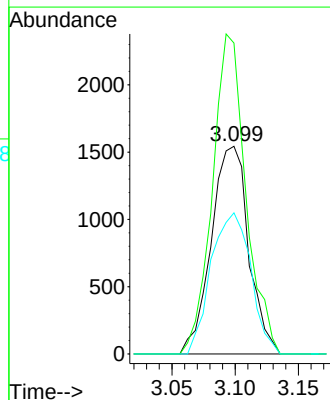
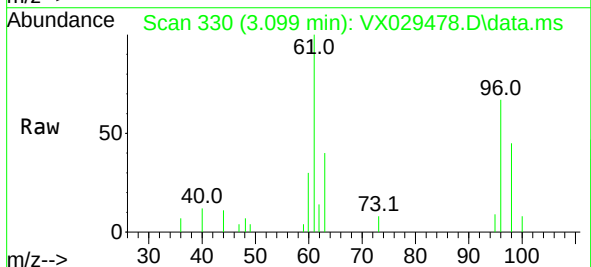
Instrument :
MSVOA_X
ClientSampleId :
YB7L5

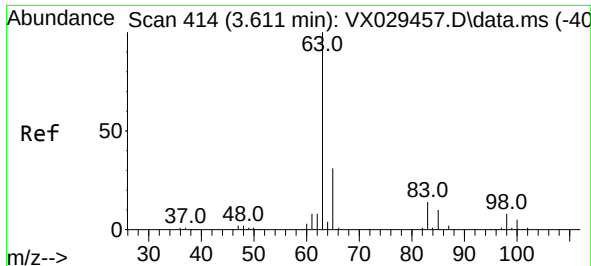
Tgt Ion: 43 Resp: 3275
Ion Ratio Lower Upper
43 100
58 32.7 0.0 61.4



#17
trans-1,2-Dichloroethene
Concen: 1.267 ug/L
RT: 3.099 min Scan# 330
Delta R.T. 0.006 min
Lab File: VX029478.D
Acq: 14 Jun 2022 20:23

Tgt Ion: 96 Resp: 3168
Ion Ratio Lower Upper
96 100
61 149.7 93.0 172.6
98 68.0 44.3 82.3





#19

1,1-Dichloroethane

Concen: 6.298 ug/L

RT: 3.611 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX029478.D

Acq: 14 Jun 2022 20:23

Instrument :

MSVOA_X

ClientSampleId :

YB7L5

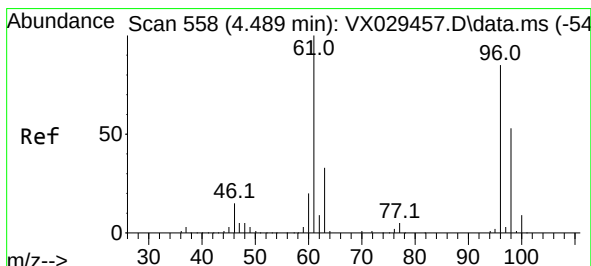
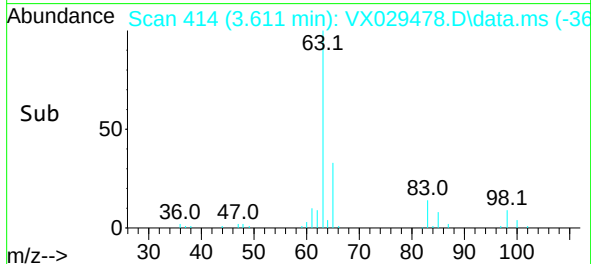
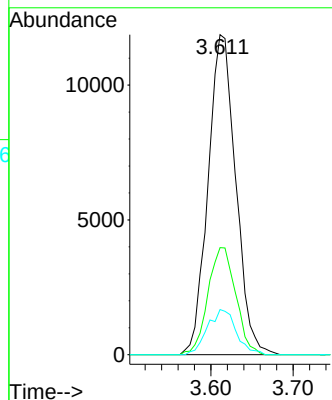
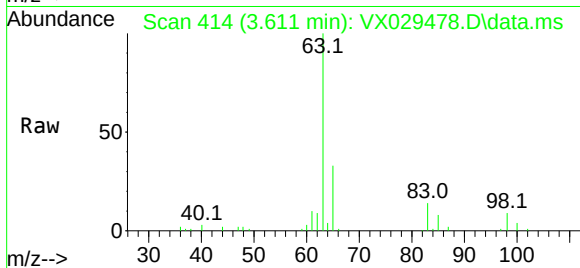
Tgt Ion: 63 Resp: 27825

Ion Ratio Lower Upper

63 100

65 33.4 22.9 42.5

83 14.1 10.1 18.9



#20

cis-1,2-Dichloroethene

Concen: 307.548 ug/L

RT: 4.495 min Scan# 559

Delta R.T. 0.006 min

Lab File: VX029478.D

Acq: 14 Jun 2022 20:23

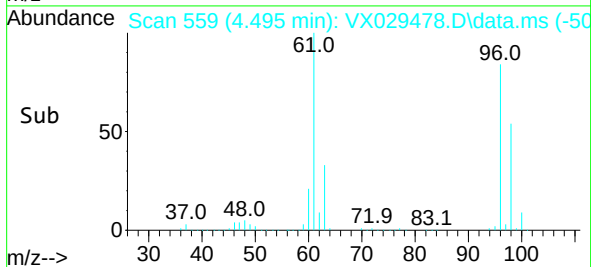
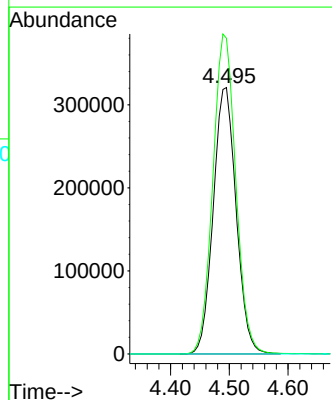
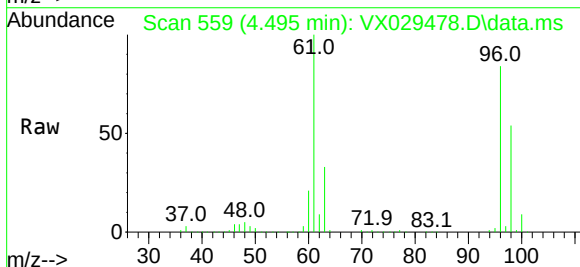
Tgt Ion: 96 Resp: 869495

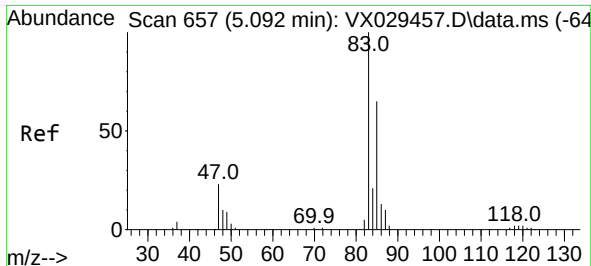
Ion Ratio Lower Upper

96 100

61 118.5 86.7 161.1

68 0.0 0.0 0.0





#25

Chloroform

Concen: 3.840 ug/L

RT: 5.093 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX029478.D

Acq: 14 Jun 2022 20:23

Instrument :

MSVOA_X

ClientSampleId :

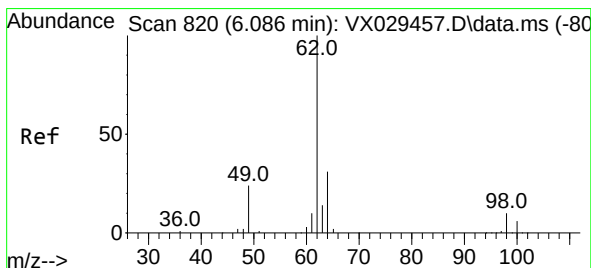
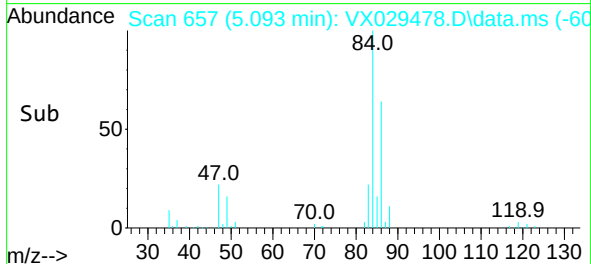
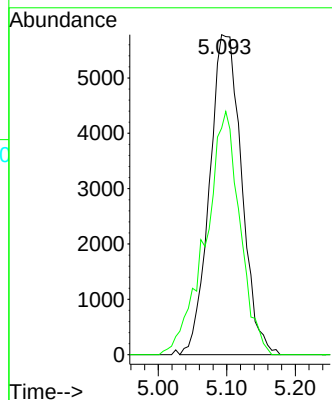
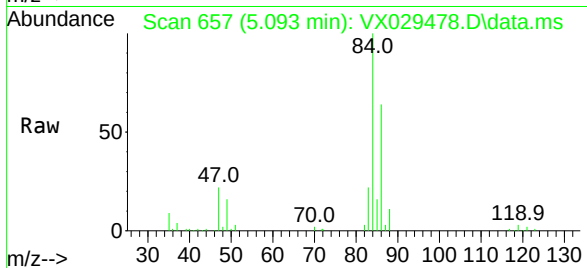
YB7L5

Tgt Ion: 83 Resp: 18761

Ion Ratio Lower Upper

83 100

85 70.8 44.2 82.2



#27

1,2-Dichloroethane

Concen: 24.371 ug/L

RT: 6.092 min Scan# 821

Delta R.T. 0.006 min

Lab File: VX029478.D

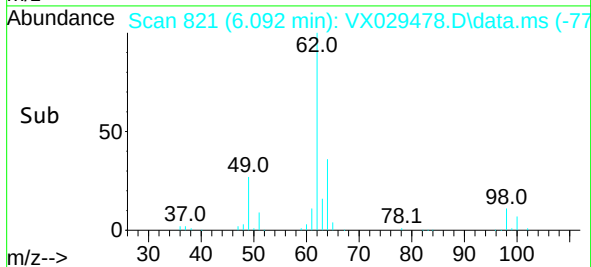
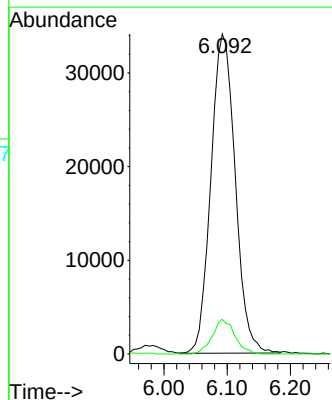
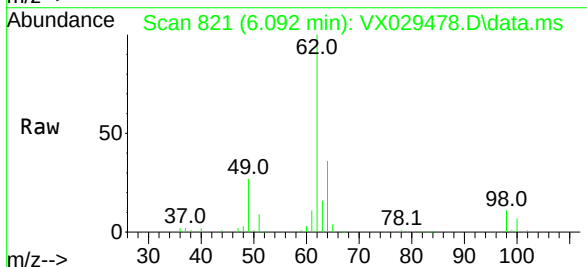
Acq: 14 Jun 2022 20:23

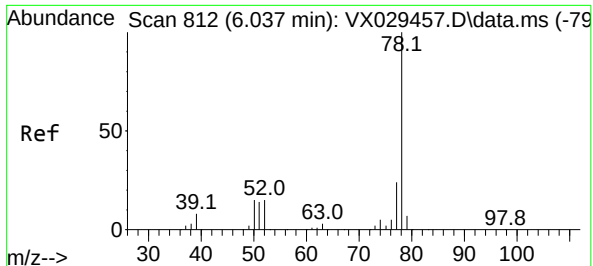
Tgt Ion: 62 Resp: 90977

Ion Ratio Lower Upper

62 100

98 10.8 8.2 12.2

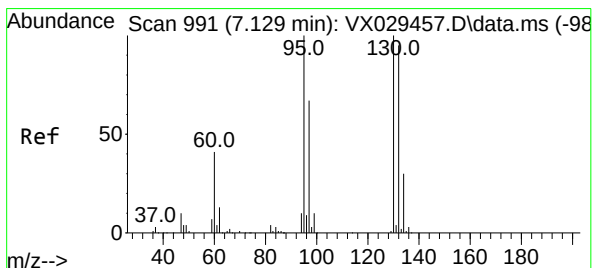
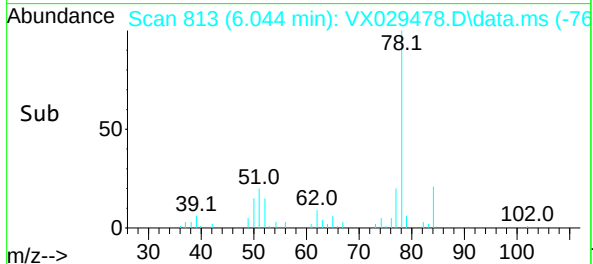
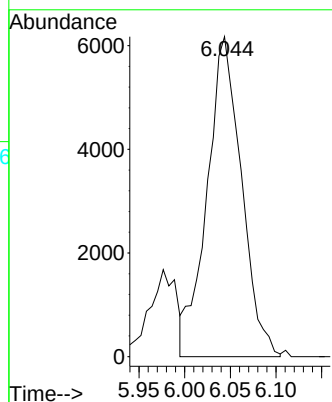
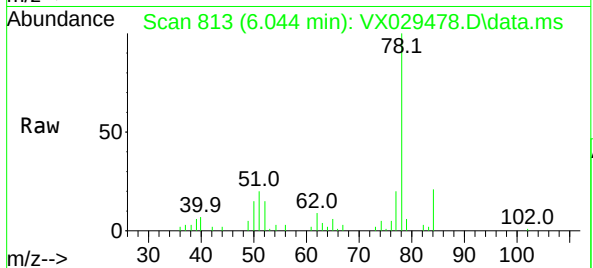




#33
Benzene
Concen: 1.587 ug/L
RT: 6.044 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX029478.D
Acq: 14 Jun 2022 20:23

Instrument :
MSVOA_X
ClientSampleId :
YB7L5

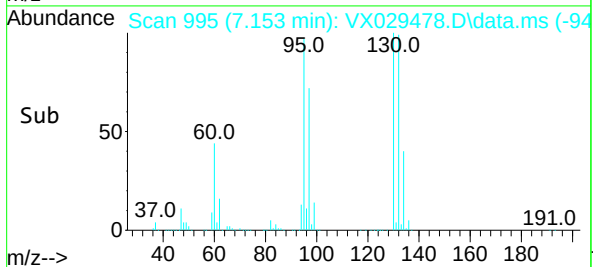
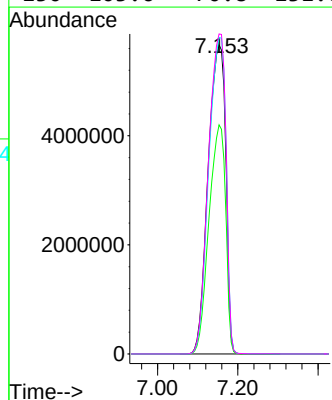
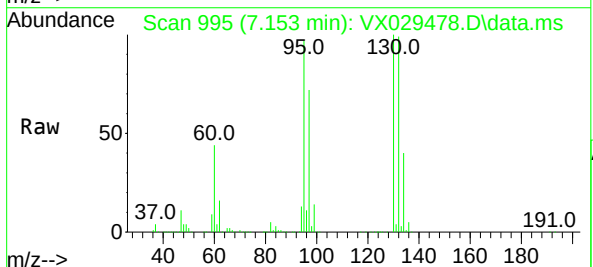
Tgt Ion: 78 Resp: 16182

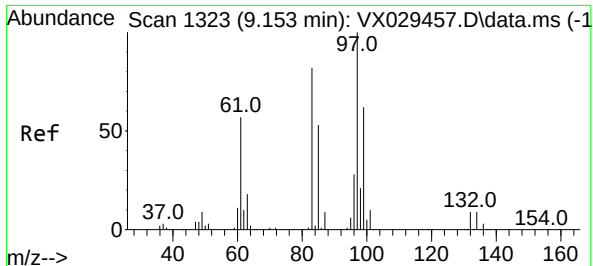


#34
Trichloroethene
Concen: 4784.714 ug/L
RT: 7.153 min Scan# 995
Delta R.T. 0.024 min
Lab File: VX029478.D
Acq: 14 Jun 2022 20:23

Tgt Ion: 95 Resp:17193968

Ion	Ratio	Lower	Upper
95	100		
97	74.1	45.5	84.5
132	102.4	69.9	129.7
130	103.6	70.8	131.6





#45

1,1,2-Trichloroethane

Concen: 8.746 ug/L

RT: 9.159 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX029478.D

Acq: 14 Jun 2022 20:23

Instrument :

MSVOA_X

ClientSampleId :

YB7L5

Tgt Ion: 97 Resp: 22964

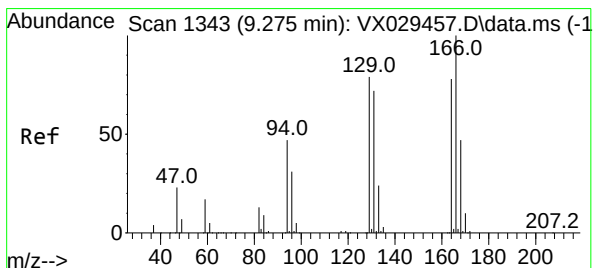
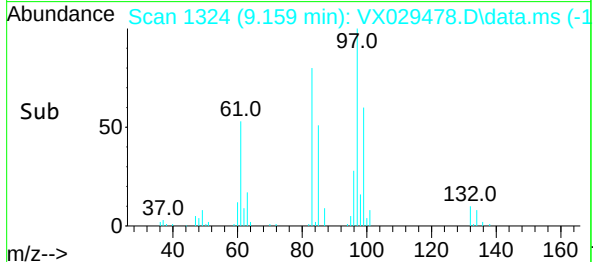
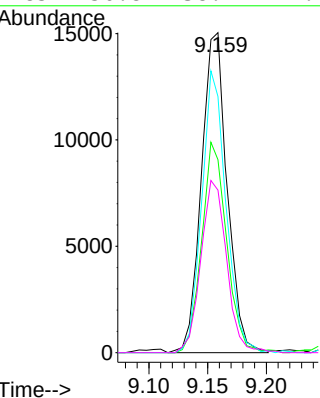
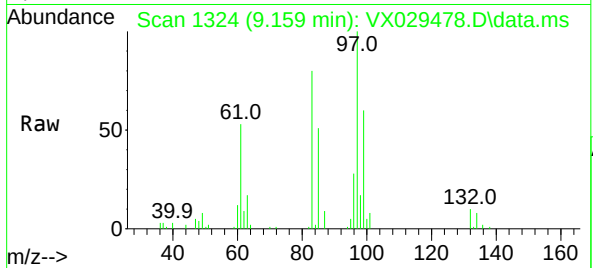
Ion Ratio Lower Upper

97 100

99 60.3 43.3 80.5

83 80.0 57.5 106.9

85 50.8 38.4 71.4



#46

Tetrachloroethene

Concen: 187.467 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX029478.D

Acq: 14 Jun 2022 20:23

Tgt Ion:164 Resp: 386695

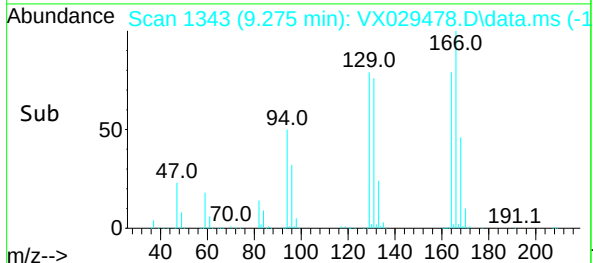
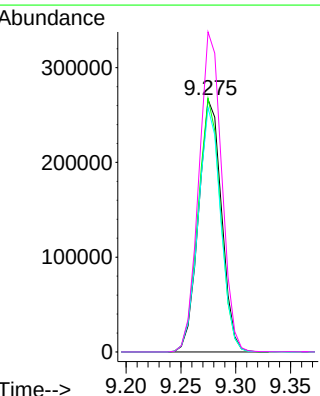
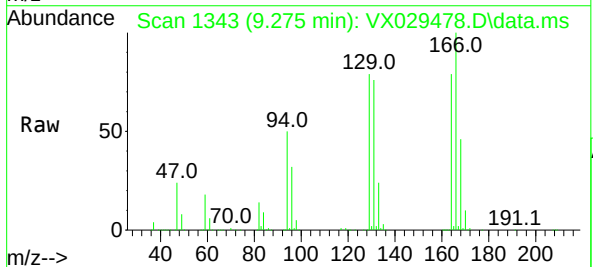
Ion Ratio Lower Upper

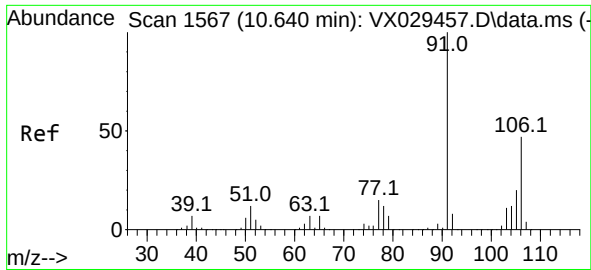
164 100

129 100.5 65.5 121.7

131 96.8 64.3 119.3

166 126.8 88.7 164.7





#54
 o-Xylene
 Concen: 3.577 ug/L
 RT: 10.646 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX029478.D
 Acq: 14 Jun 2022 20:23

Instrument :
 MSVOA_X
 ClientSampleId :
 YB7L5

Tgt Ion:106 Resp: 16841
 Ion Ratio Lower Upper
 106 100
 91 228.5 151.2 280.8

