

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031524\
 Data File : VX040678.D
 Acq On : 16 Mar 2024 01:10
 Operator : JC/MD
 Sample : P1754-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 YCL25

Quant Time: Mar 16 05:55:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML030724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 16 05:02:38 2024
 Response via : Initial Calibration

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

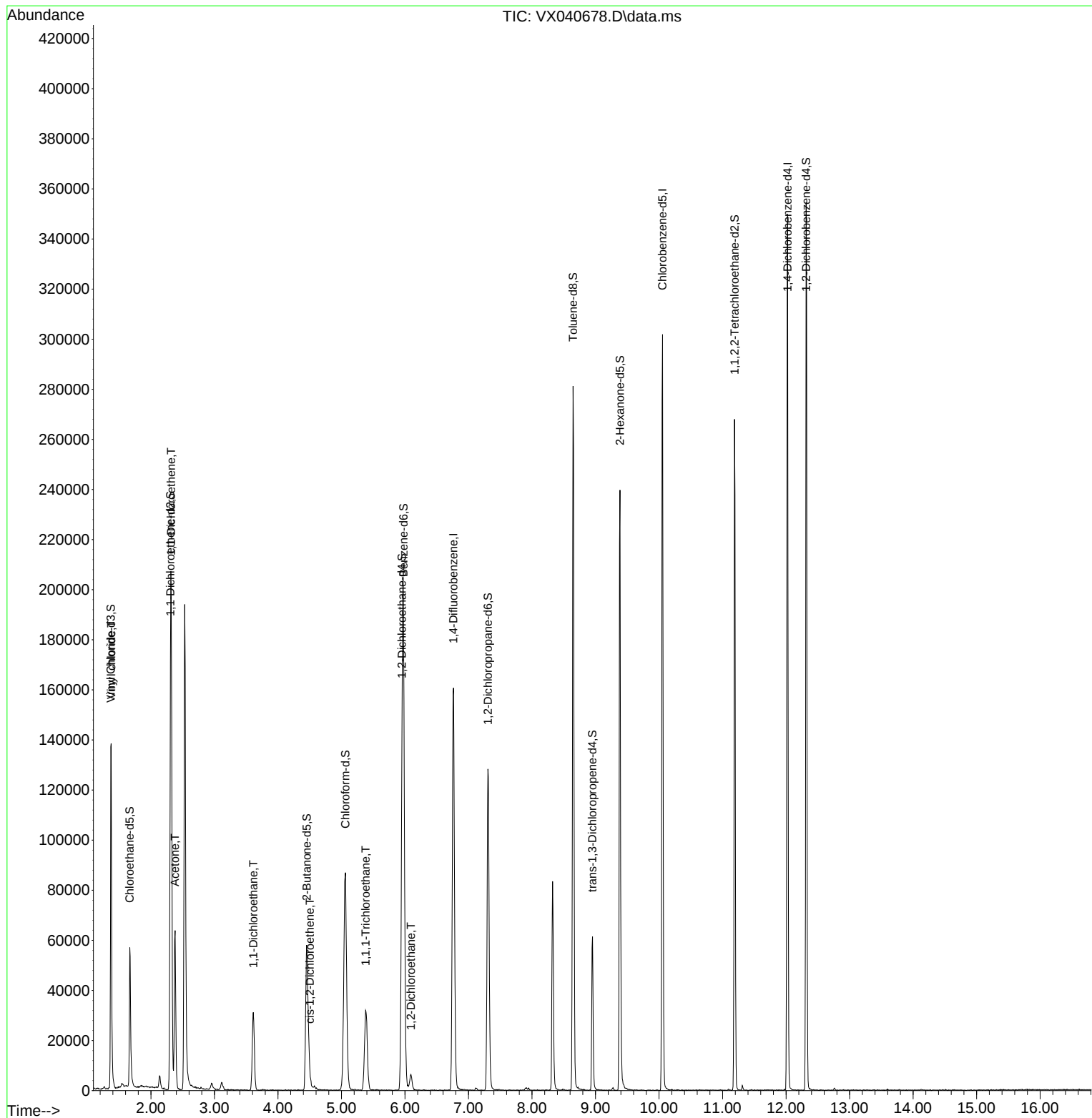
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	154045	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	123813	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	69264	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	43239	32.021	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.040%
7) Chloroethane-d5	1.666	69	42839	39.737	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.480%
11) 1,1-Dichloroethene-d2	2.306	65	20672	33.256	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.520%
21) 2-Butanone-d5	4.452	46	99268	95.799	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.800%
24) Chloroform-d	5.062	84	107348	42.808	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.620%
26) 1,2-Dichloroethane-d4	5.952	65	83202	44.440	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.880%
32) Benzene-d6	5.976	84	180872	47.616	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.240%
36) 1,2-Dichloropropane-d6	7.305	67	61332	52.097	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.200%
41) Toluene-d8	8.647	98	160872	43.946	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.900%
43) trans-1,3-Dichloroprop...	8.951	79	28355	45.254	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.500%
47) 2-Hexanone-d5	9.384	63	63748	98.136	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.140%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	96472	54.732	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.460%
66) 1,2-Dichlorobenzene-d4	12.317	152	65957	45.466	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.940%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.374	62	57807	44.705	ug/L	98
12) 1,1-Dichloroethene	2.319	96	41170	43.846	ug/L	95
13) Acetone	2.379	43	66654	90.077	ug/L	100
19) 1,1-Dichloroethane	3.611	63	34139	18.227	ug/L	96
20) cis-1,2-Dichloroethene	4.501	96	1776	1.643	ug/L	75
27) 1,2-Dichloroethane	6.092	62	7008	3.773	ug/L #	96
30) 1,1,1-Trichloroethane	5.379	97	31141	20.194	ug/L	100

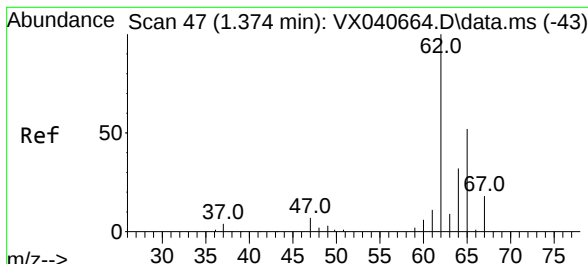
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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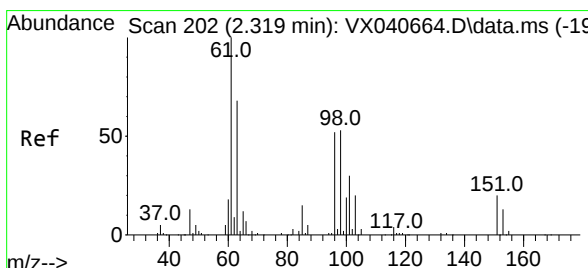
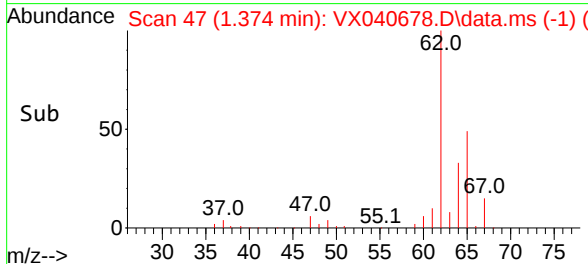
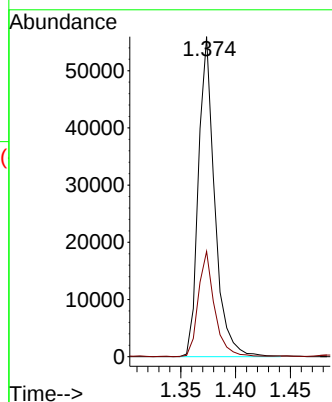
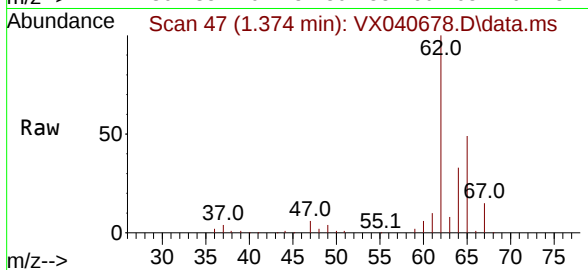




#5
 Vinyl chloride
 Concen: 44.705 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX040678.D
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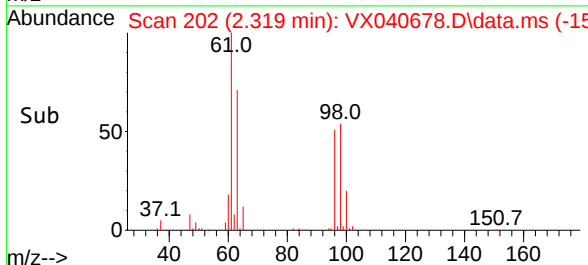
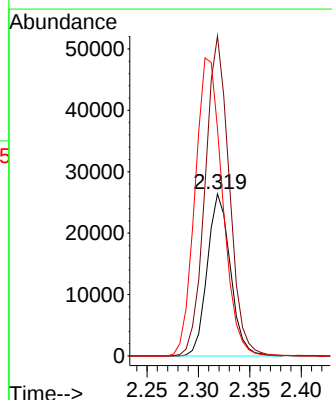
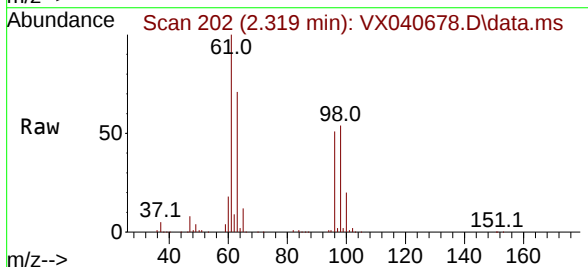
Instrument :
 MSVOA_X
 ClientSampleId :
 YCL25

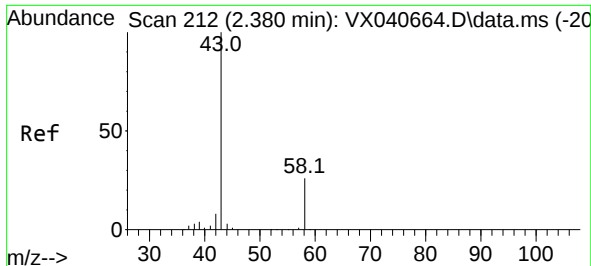
Tgt Ion: 62 Resp: 57807
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.8 44.2



#12
 1,1-Dichloroethene
 Concen: 43.846 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX040678.D
 Acq: 16 Mar 2024 01:10

Tgt Ion: 96 Resp: 41170
 Ion Ratio Lower Upper
 96 100
 61 197.4 134.8 250.4
 63 140.4 92.5 171.9





#13

Acetone

Concen: 90.077 ug/L

RT: 2.379 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX040678.D

Acq: 16 Mar 2024 01:10

Instrument :

MSVOA_X

ClientSampleId :

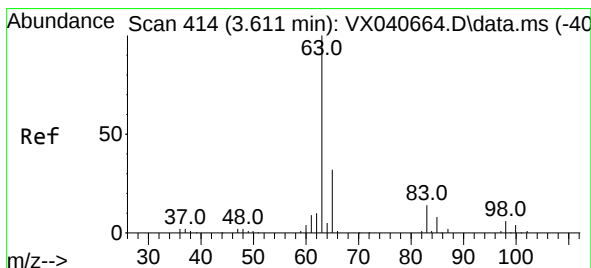
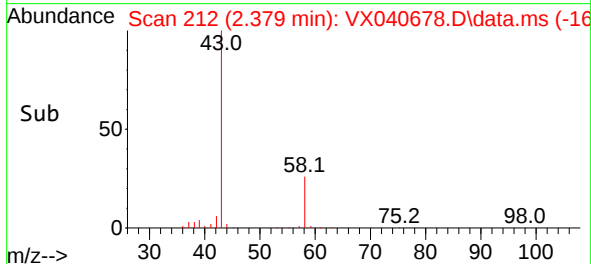
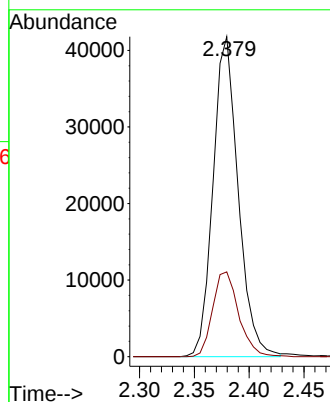
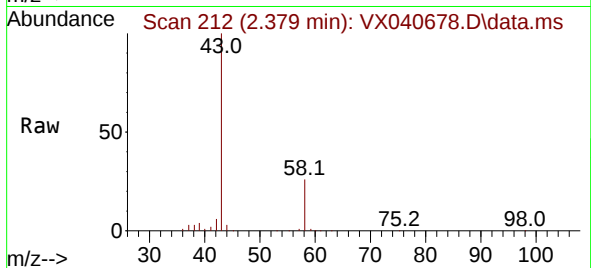
YCL25

Tgt Ion: 43 Resp: 66654

Ion Ratio Lower Upper

43 100

58 27.4 0.0 54.6



#19

1,1-Dichloroethane

Concen: 18.227 ug/L

RT: 3.611 min Scan# 414

Delta R.T. -0.000 min

Lab File: VX040678.D

Acq: 16 Mar 2024 01:10

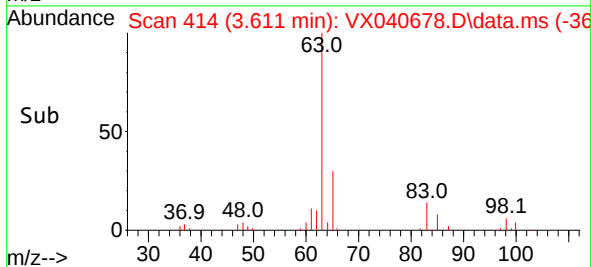
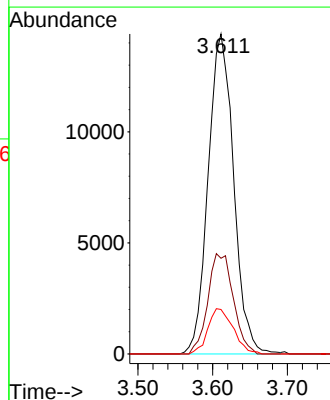
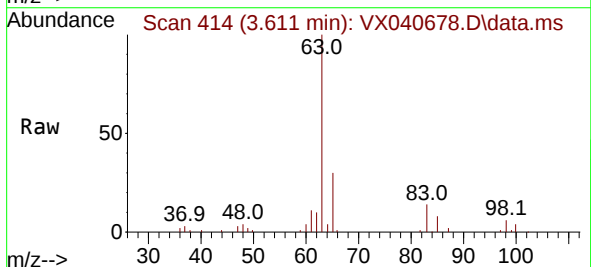
Tgt Ion: 63 Resp: 34139

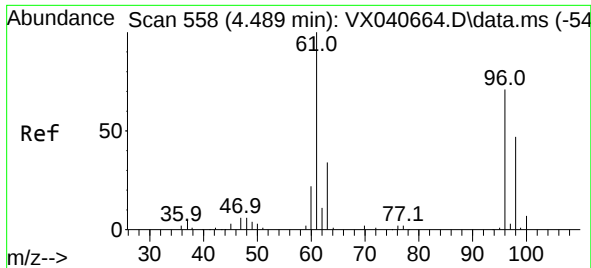
Ion Ratio Lower Upper

63 100

65 29.9 23.1 42.9

83 13.9 9.9 18.5

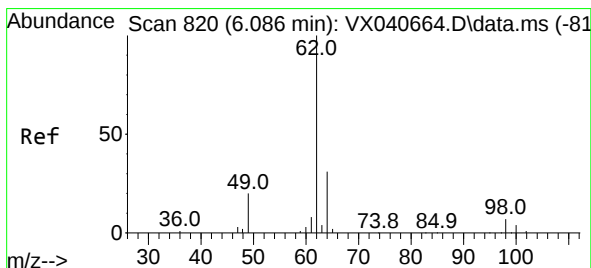
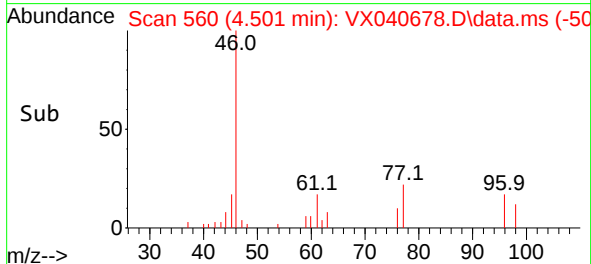
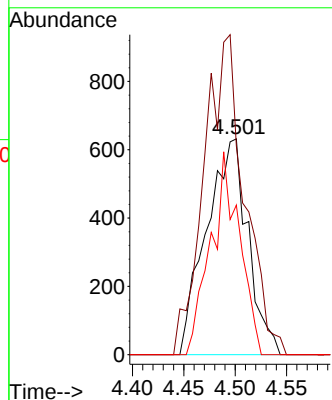
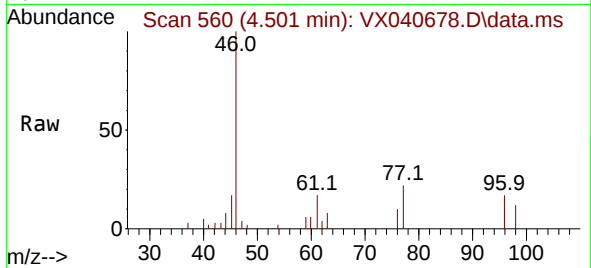




#20
 cis-1,2-Dichloroethene
 Concen: 1.643 ug/L
 RT: 4.501 min Scan# 50
 Delta R.T. 0.012 min
 Lab File: VX040678.D
 Acq: 16 Mar 2024 01:10

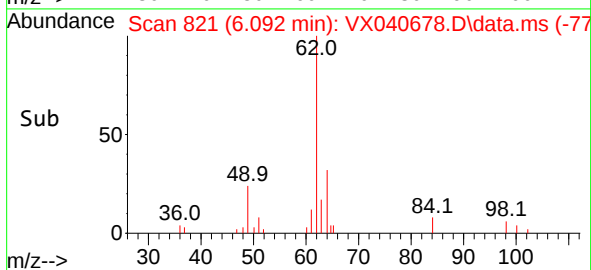
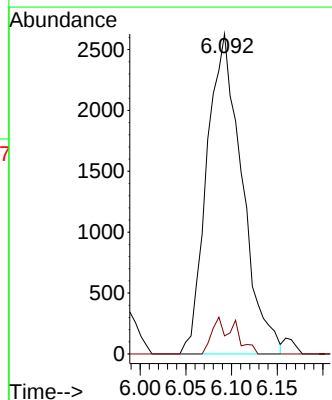
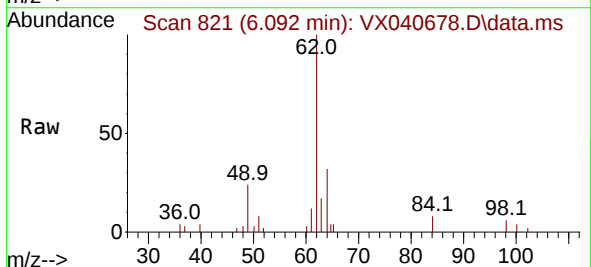
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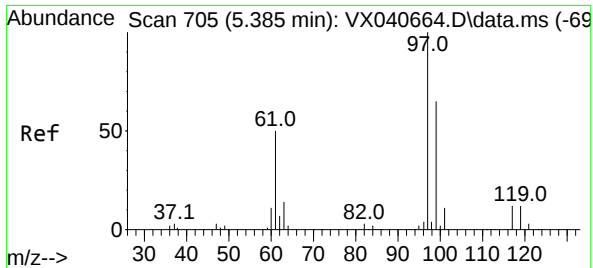
Tgt Ion: 96 Resp: 1776
 Ion Ratio Lower Upper
 96 100
 61 96.7 93.0 172.8
 98 69.3 42.4 78.6



#27
 1,2-Dichloroethane
 Concen: 3.773 ug/L
 RT: 6.092 min Scan# 821
 Delta R.T. 0.006 min
 Lab File: VX040678.D
 Acq: 16 Mar 2024 01:10

Tgt Ion: 62 Resp: 7008
 Ion Ratio Lower Upper
 62 100
 98 5.7 5.8 8.6#





#30
 1,1,1-Trichloroethane
 Concen: 20.194 ug/L
 RT: 5.379 min Scan# 70
 Delta R.T. -0.006 min
 Lab File: VX040678.D
 Acq: 16 Mar 2024 01:10

Instrument :
 MSVOA_X
 ClientSampleId :
 YCL25

Tgt Ion: 97	Resp: 31141
Ion Ratio	Lower Upper
97	100
99	65.5 52.1 78.1
61	48.0 38.3 57.5

