

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031524\
 Data File : VX040677.D
 Acq On : 16 Mar 2024 00:47
 Operator : JC/MD
 Sample : P1754-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 YCL24

Quant Time: Mar 16 05:55:25 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

Manual Integrations APPROVED

Reviewed By :John Carlone 03/18/2024
 Supervised By :Semsettin Yesilyurt 03/19/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	150915	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	142854	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	60003	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	43461	32.853	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	65.700%		
7) Chloroethane-d5	1.666	69	39963	37.838	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	75.680%		
11) 1,1-Dichloroethene-d2	2.306	65	20533	33.717	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	67.440%		
21) 2-Butanone-d5	4.452	46	97501	96.045	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	96.050%		
24) Chloroform-d	5.062	84	106013	43.152	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.300%		
26) 1,2-Dichloroethane-d4	5.958	65	79659	43.430	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.860%		
32) Benzene-d6	5.970	84	178489	40.726	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.460%		
36) 1,2-Dichloropropane-d6	7.306	67	58927	43.382	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	86.760%		
41) Toluene-d8	8.647	98	156682	37.096	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	74.200%#		
43) trans-1,3-Dichloroprop...	8.952	79	28700	39.699	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	79.400%		
47) 2-Hexanone-d5	9.384	63	69635	92.911	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	92.910%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	90361	44.432	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	88.860%		
66) 1,2-Dichlorobenzene-d4	12.323	152	57898	46.070	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.140%		
Target Compounds						
5) Vinyl chloride	1.374	62	82544	65.160	ug/L	97
12) 1,1-Dichloroethene	2.319	96	25730	27.971	ug/L	89
13) Acetone	2.380	43	21744	29.995	ug/L	98
18) Methyl tert-butyl Ether	3.117	73	3465	1.061	ug/L #	67
19) 1,1-Dichloroethane	3.611	63	40525	22.085	ug/L	95
20) cis-1,2-Dichloroethene	4.489	96	2181m	2.060	ug/L	
27) 1,2-Dichloroethane	6.092	62	7271	3.996	ug/L #	94
30) 1,1,1-Trichloroethane	5.385	97	22522	12.658	ug/L	98

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

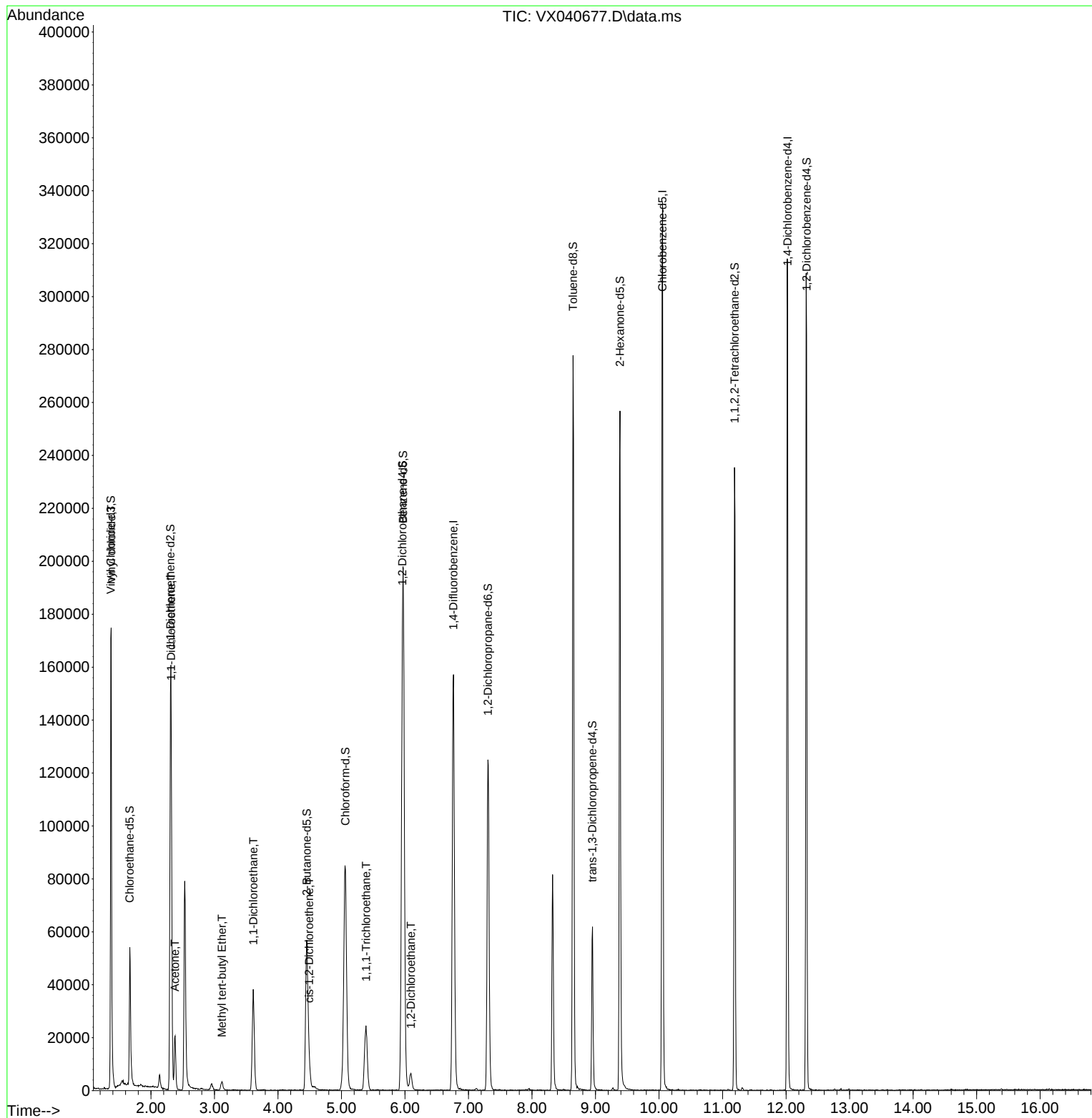
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031524\
Data File : VX040677.D
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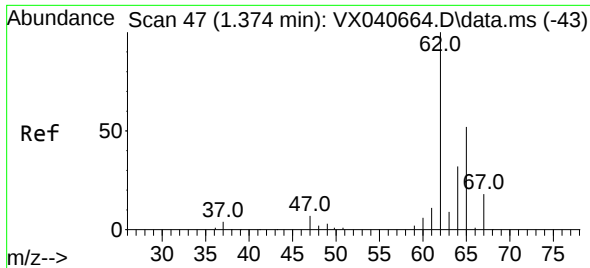
Instrument :
MSVOA_X
ClientSampleId :
YCL24

Quant Time: Mar 16 05:55:25 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

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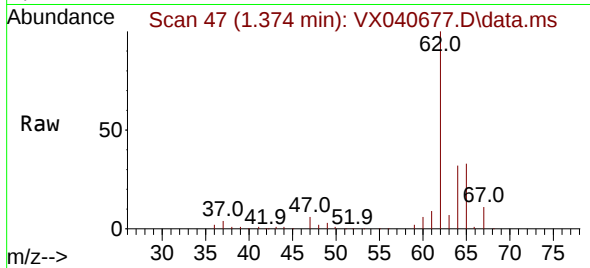
Reviewed By : John Carlone 03/18/2024
Supervised By : Semsettin Yesilyurt 03/19/2024





#5
Vinyl chloride
Concen: 65.160 ug/L
RT: 1.374 min Scan# 41
Delta R.T. -0.000 min
Lab File: VX040677.D
Acq: 16 Mar 2024 00:47

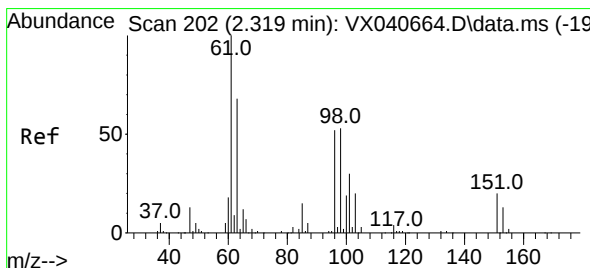
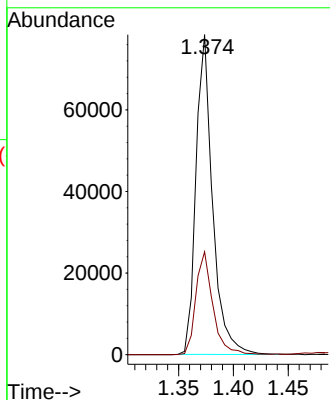
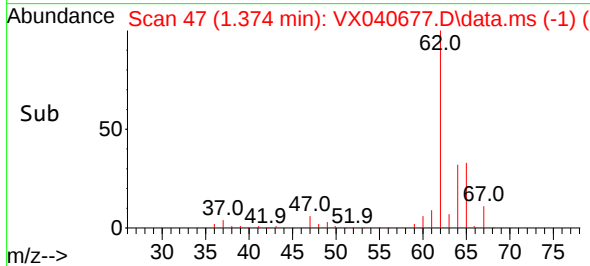
Instrument :
MSVOA_X
ClientSampleId :
YCL24



Tgt Ion: 62 Resp: 82544
Ion Ratio Lower Upper
62 100
64 32.1 23.8 44.2

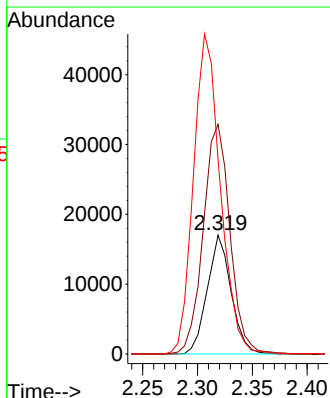
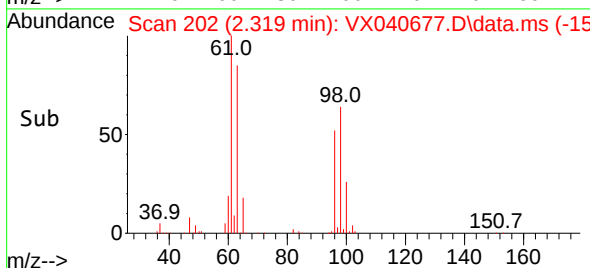
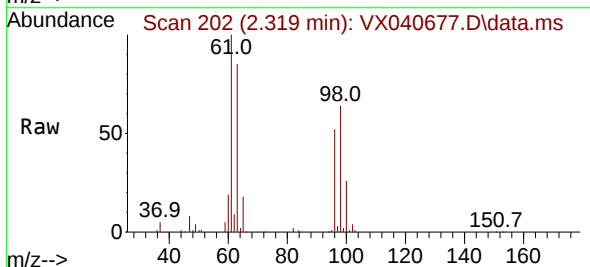
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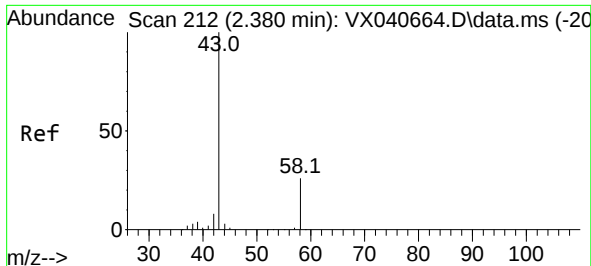
Reviewed By :John Carlone 03/18/2024
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#12
1,1-Dichloroethene
Concen: 27.971 ug/L
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX040677.D
Acq: 16 Mar 2024 00:47

Tgt Ion: 96 Resp: 25730
Ion Ratio Lower Upper
96 100
61 193.4 134.8 250.4
63 164.0 92.5 171.9





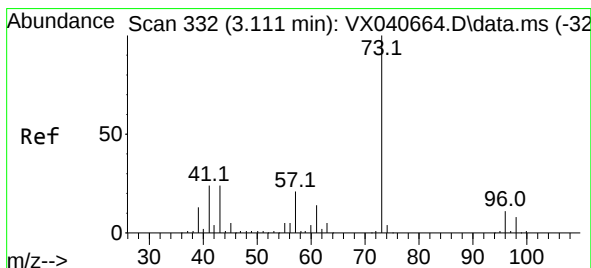
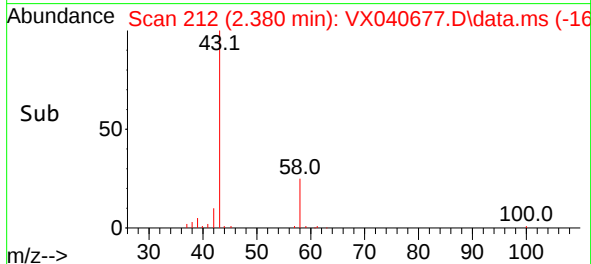
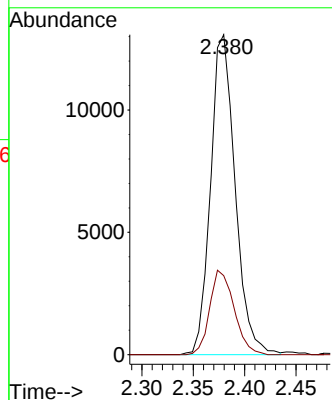
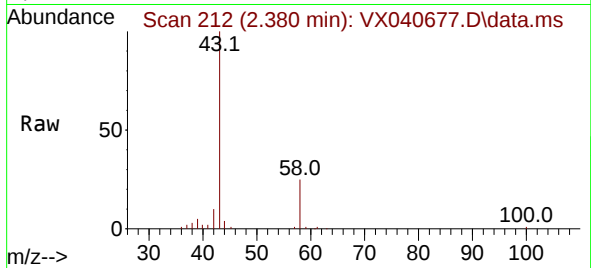
#13
Acetone
Concen: 29.995 ug/L
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX040677.D
Acq: 16 Mar 2024 00:47

Instrument :
MSVOA_X
ClientSampleId :
YCL24

Tgt Ion: 43 Resp: 21744
Ion Ratio Lower Upper
43 100
58 26.2 0.0 54.6

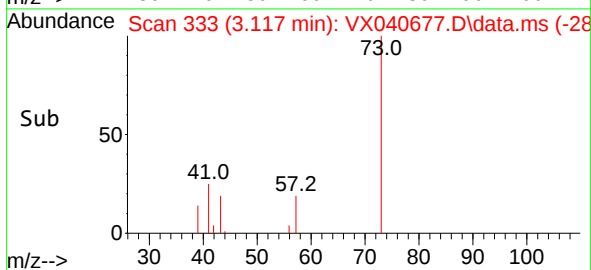
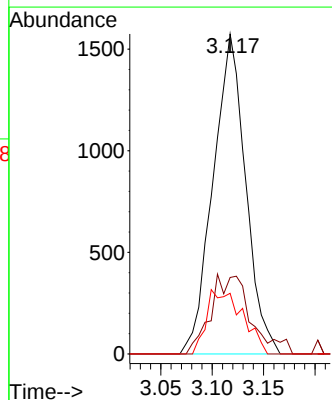
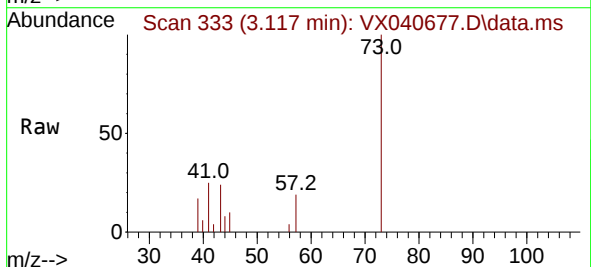
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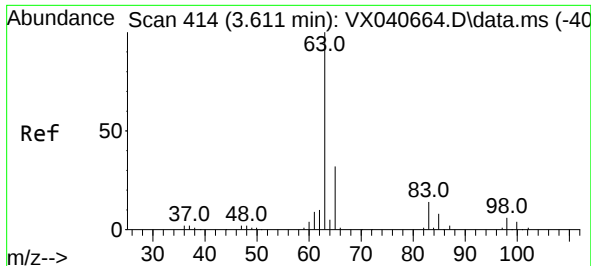
Reviewed By :John Carlone 03/18/2024
Supervised By :Semsettin Yesilyurt 03/19/2024



#18
Methyl tert-butyl Ether
Concen: 1.061 ug/L
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX040677.D
Acq: 16 Mar 2024 00:47

Tgt Ion: 73 Resp: 3465
Ion Ratio Lower Upper
73 100
43 13.4 19.3 28.9#
57 0.0 17.1 25.7#





#19

1,1-Dichloroethane

Concen: 22.085 ug/L

RT: 3.611 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX040677.D

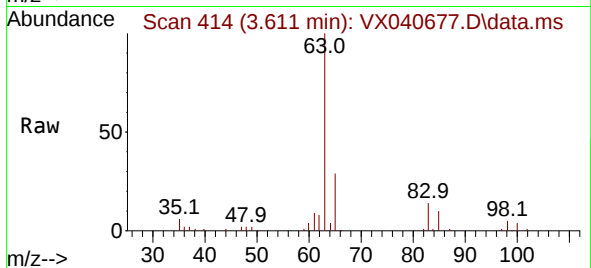
Acq: 16 Mar 2024 00:47

Instrument :

MSVOA_X

ClientSampleId :

YCL24



Tgt Ion: 63 Resp: 4052

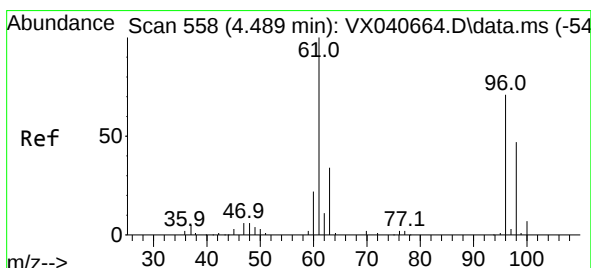
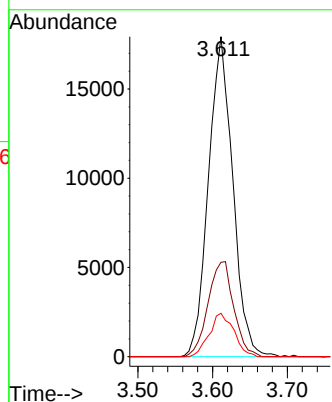
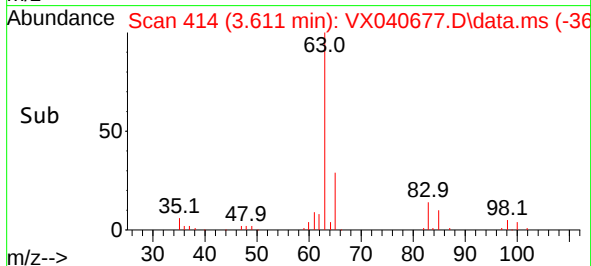
Ion	Ratio	Lower	Upper
63	100		
65	29.5	23.1	42.9
83	13.6	9.9	18.5

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#20

cis-1,2-Dichloroethene

Concen: 2.060 ug/L m

RT: 4.489 min Scan# 558

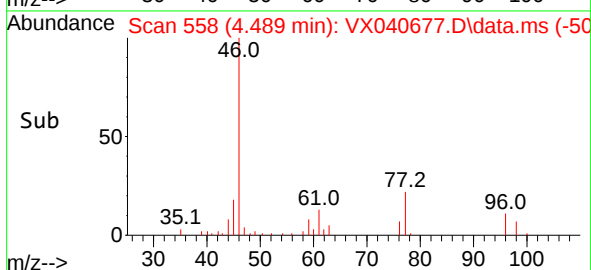
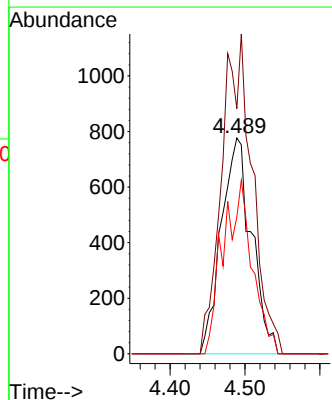
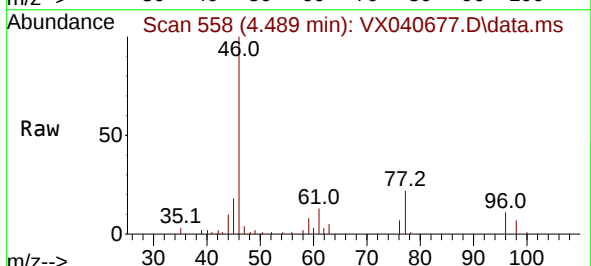
Delta R.T. -0.000 min

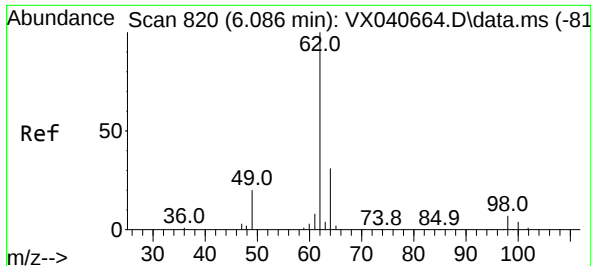
Lab File: VX040677.D

Acq: 16 Mar 2024 00:47

Tgt Ion: 96 Resp: 2181

Ion	Ratio	Lower	Upper
96	100		
61	113.5	93.0	172.8
98	63.3	42.4	78.6





#27

1,2-Dichloroethane

Concen: 3.996 ug/L

RT: 6.092 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX040677.D

Acq: 16 Mar 2024 00:47

Instrument :

MSVOA_X

ClientSampleId :

YCL24

Tgt Ion: 62 Resp: 727

Ion Ratio Lower Upper

62 100

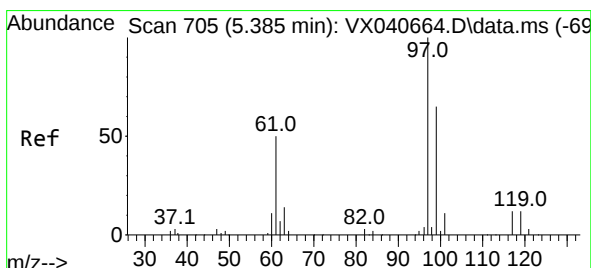
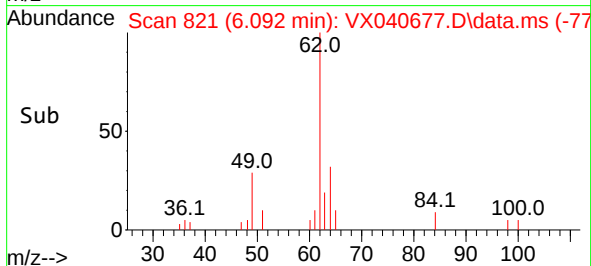
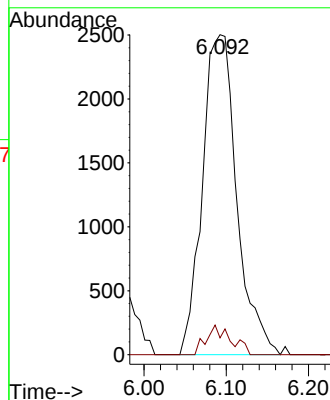
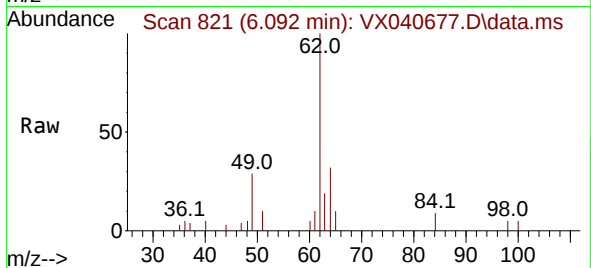
98 5.3 5.8 8.6

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#30

1,1,1-Trichloroethane

Concen: 12.658 ug/L

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX040677.D

Acq: 16 Mar 2024 00:47

Tgt Ion: 97 Resp: 22522

Ion Ratio Lower Upper

97 100

99 66.9 52.1 78.1

61 49.7 38.3 57.5

