

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031524\
 Data File : VX040682.D
 Acq On : 16 Mar 2024 02:42
 Operator : JC/MD
 Sample : P1754-21
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 YCL29

Manual Integrations
 APPROVED

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

Quant Time: Mar 16 05:56:41 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	152263	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	136583	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	70395	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	41757	31.285	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	62.580%		
7) Chloroethane-d5	1.666	69	33873	31.788	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	63.580%#		
11) 1,1-Dichloroethene-d2	2.306	65	20161	32.813	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	65.620%		
21) 2-Butanone-d5	4.452	46	98699	96.365	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	96.360%		
24) Chloroform-d	5.056	84	106193	42.843	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.680%		
26) 1,2-Dichloroethane-d4	5.952	65	80025	43.243	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.480%		
32) Benzene-d6	5.970	84	176356	42.086	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.180%		
36) 1,2-Dichloropropane-d6	7.306	67	58958	45.398	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.800%		
41) Toluene-d8	8.647	98	156098	38.655	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	77.320%#		
43) trans-1,3-Dichloroprop...	8.952	79	27673	40.036	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.080%		
47) 2-Hexanone-d5	9.384	63	66076	92.210	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	92.210%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	94798	48.754	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	97.500%		
66) 1,2-Dichlorobenzene-d4	12.317	152	64561	43.788	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.580%		
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	74850	58.563	ug/L	99
8) Chloroethane	1.691	64	2814m	3.840	ug/L	
12) 1,1-Dichloroethene	2.319	96	1051458	1132.898	ug/L #	71
13) Acetone	2.380	43	132359	180.966	ug/L	97
19) 1,1-Dichloroethane	3.611	63	152587	82.420	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	28981	27.126	ug/L	97
22) 2-Butanone	4.568	43	3598m	3.715	ug/L	
27) 1,2-Dichloroethane	6.086	62	12417	6.763	ug/L #	95
30) 1,1,1-Trichloroethane	5.379	97	14467m	8.504	ug/L	
33) Benzene	6.044	78	15685	4.275	ug/L	100
34) Trichloroethene	7.129	95	35886	33.131	ug/L	98
46) Tetrachloroethene	9.275	164	2379	3.059	ug/L	88

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

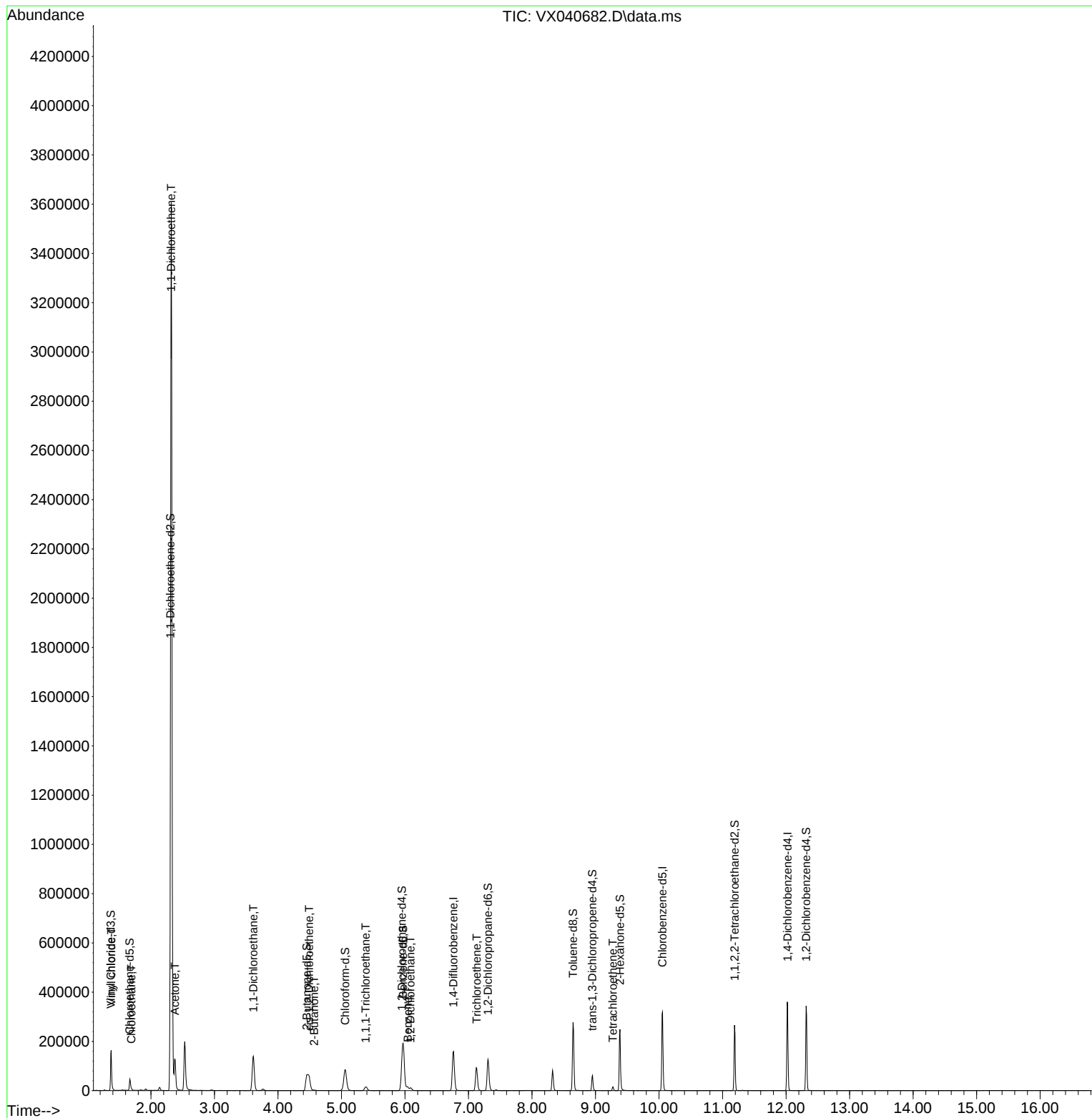
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031524\
Data File : VX040682.D
Acq On : 16 Mar 2024 02:42
Operator : JC/MD
Sample : P1754-21
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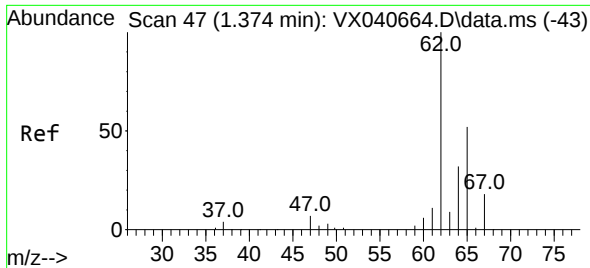
Instrument :
MSVOA_X
ClientSampleId :
YCL29

Quant Time: Mar 16 05:56:41 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

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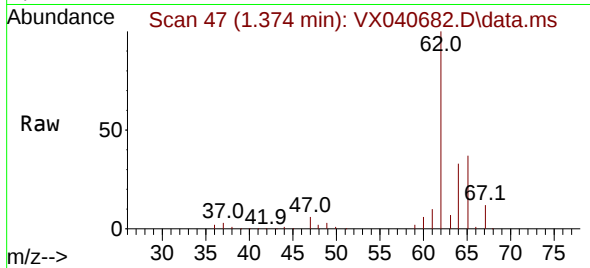
Reviewed By :John Carlone 03/18/2024
Supervised By :Semsettin Yesilyurt 03/19/2024





#5
Vinyl chloride
Concen: 58.563 ug/L
RT: 1.374 min Scan# 41
Delta R.T. -0.000 min
Lab File: VX040682.D
Acq: 16 Mar 2024 02:42

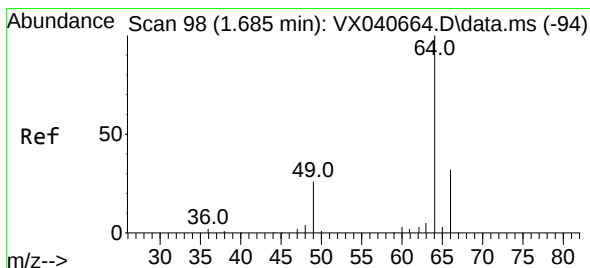
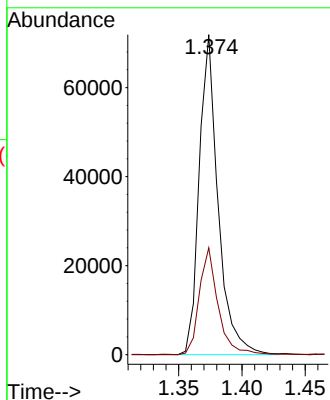
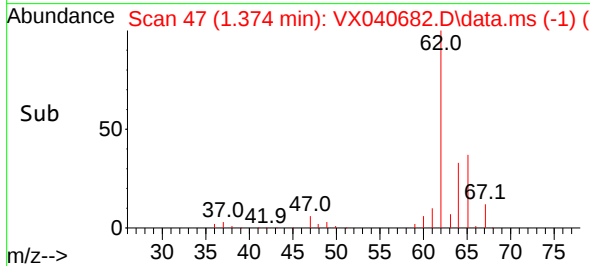
Instrument :
MSVOA_X
ClientSampleId :
YCL29



Tgt Ion: 62 Resp: 74850
Ion Ratio Lower Upper
62 100
64 33.4 23.8 44.2

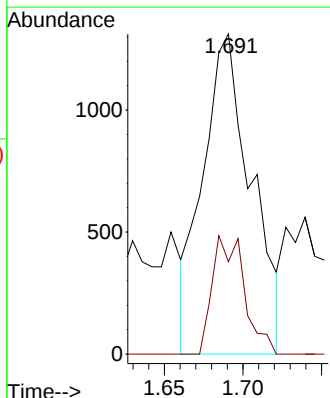
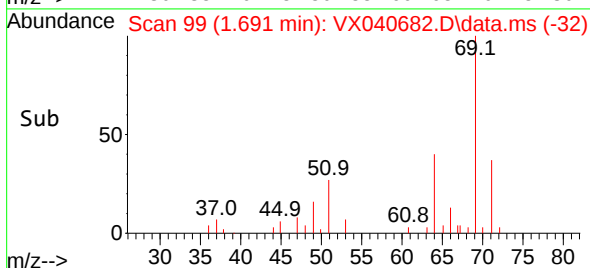
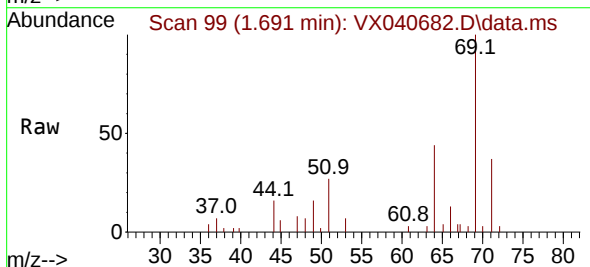
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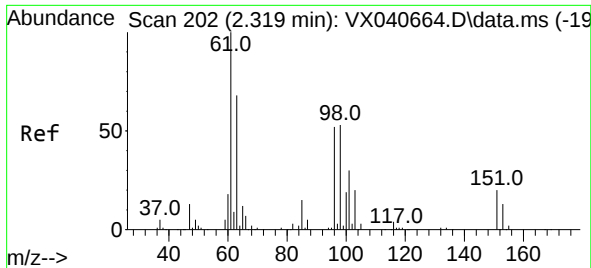
Reviewed By :John Carlone 03/18/2024
Supervised By :Semsettin Yesilyurt 03/19/2024



#8
Chloroethane
Concen: 3.840 ug/L m
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX040682.D
Acq: 16 Mar 2024 02:42

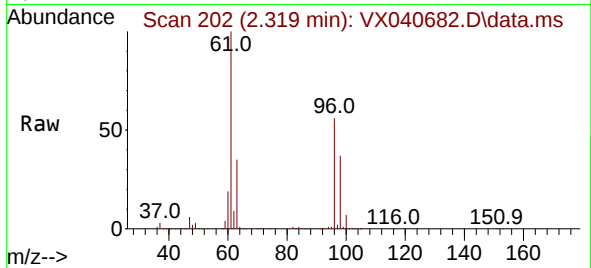
Tgt Ion: 64 Resp: 2814
Ion Ratio Lower Upper
64 100
66 28.8 25.0 46.4





#12
1,1-Dichloroethene
Concen: 1132.898 ug/L
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX040682.D
Acq: 16 Mar 2024 02:42

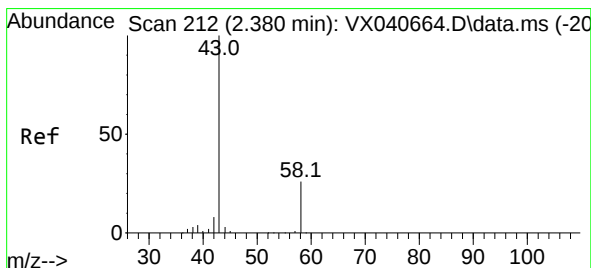
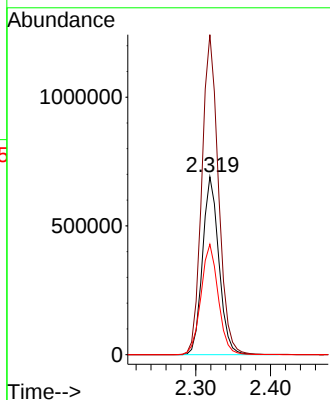
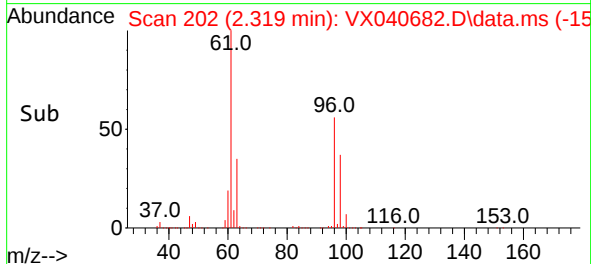
Instrument :
MSVOA_X
ClientSampleId :
YCL29



Tgt Ion: 96 Resp: 1051458
Ion Ratio Lower Upper
96 100
61 179.9 134.8 250.4
63 62.1 92.5 171.9

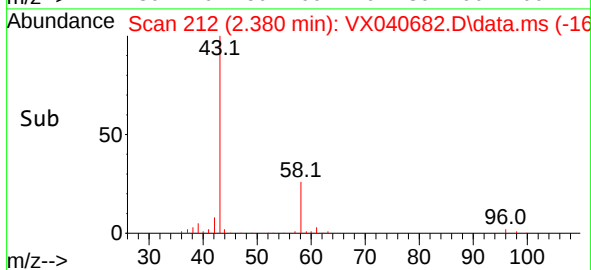
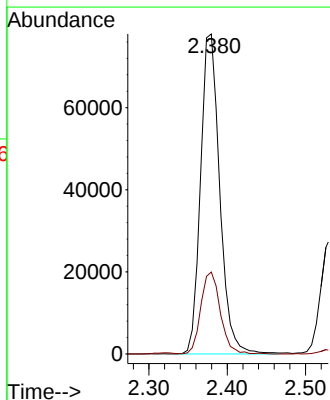
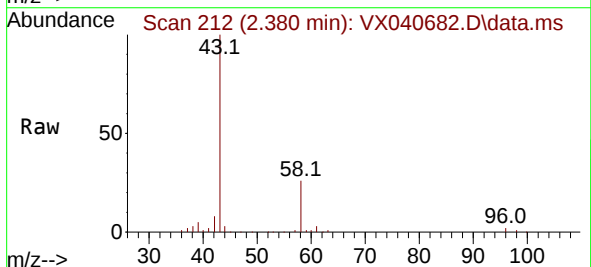
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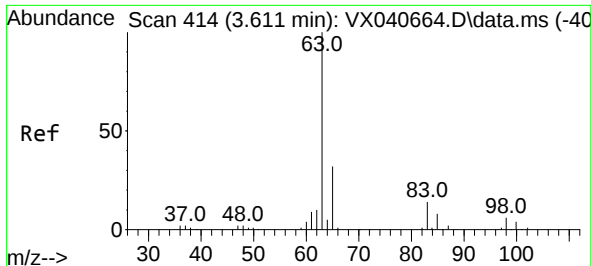
Reviewed By :John Carlone 03/18/2024
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#13
Acetone
Concen: 180.966 ug/L
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX040682.D
Acq: 16 Mar 2024 02:42

Tgt Ion: 43 Resp: 132359
Ion Ratio Lower Upper
43 100
58 25.9 0.0 54.6





#19

1,1-Dichloroethane

Concen: 82.420 ug/L

RT: 3.611 min Scan# 414

Delta R.T. -0.000 min

Lab File: VX040682.D

Acq: 16 Mar 2024 02:42

Instrument :

MSVOA_X

ClientSampleId :

YCL29

Tgt Ion: 63 Resp: 15258

Ion Ratio Lower Upper

63 100

65 33.7 23.1 42.9

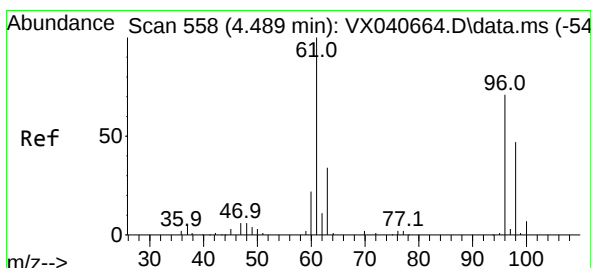
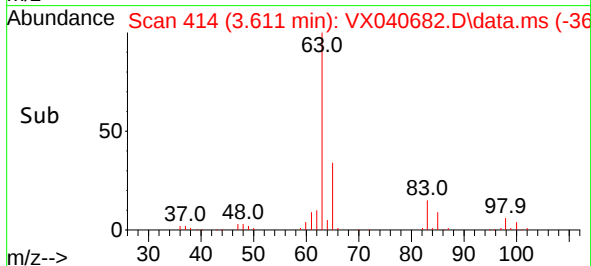
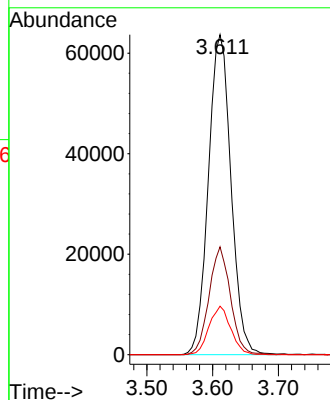
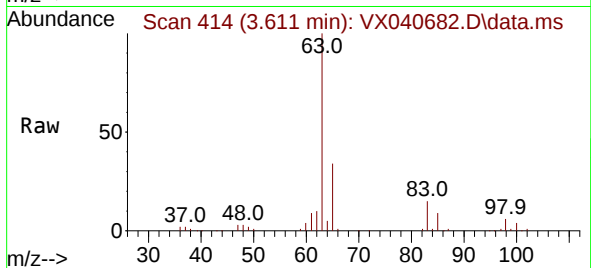
83 15.1 9.9 18.5

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#20

cis-1,2-Dichloroethene

Concen: 27.126 ug/L

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX040682.D

Acq: 16 Mar 2024 02:42

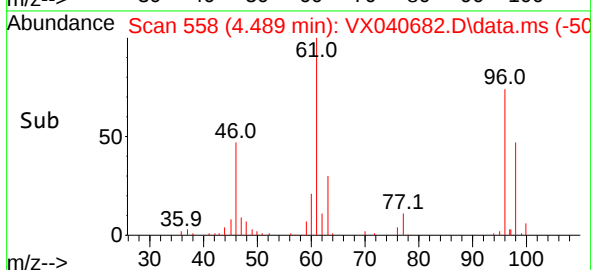
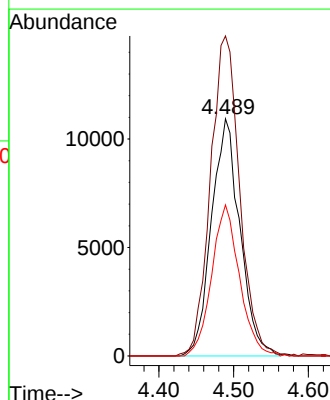
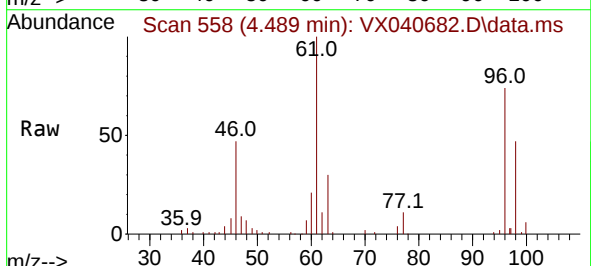
Tgt Ion: 96 Resp: 28981

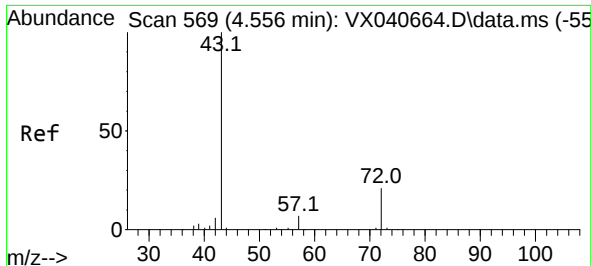
Ion Ratio Lower Upper

96 100

61 135.0 93.0 172.8

98 63.7 42.4 78.6





#22

2-Butanone

Concen: 3.715 ug/L m

RT: 4.568 min Scan# 5

Delta R.T. 0.012 min

Lab File: VX040682.D

Acq: 16 Mar 2024 02:42

Instrument :

MSVOA_X

ClientSampleId :

YCL29

Tgt Ion: 43 Resp: 3598

Ion Ratio Lower Upper

43 100

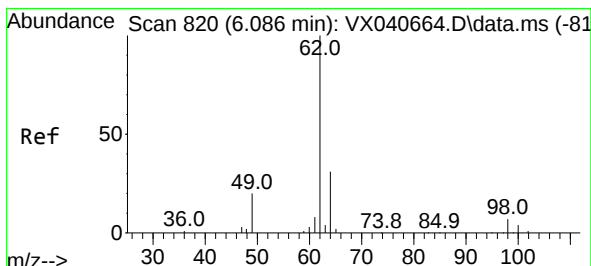
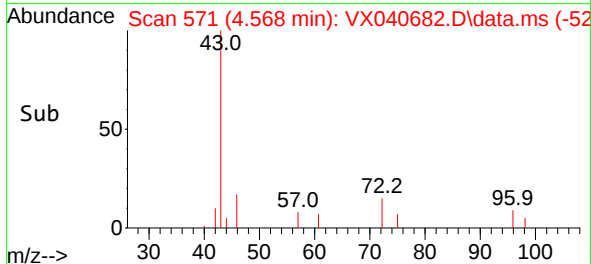
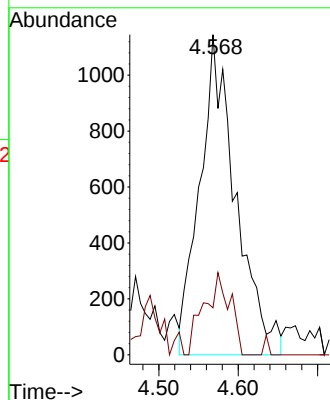
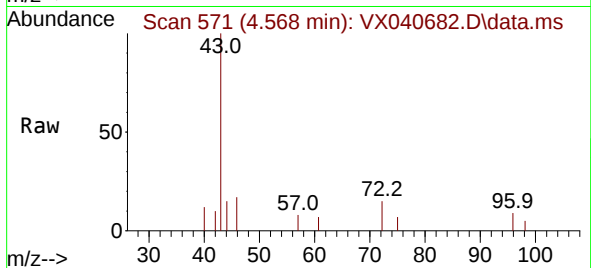
72 2.2 12.4 37.2

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#27

1,2-Dichloroethane

Concen: 6.763 ug/L

RT: 6.086 min Scan# 820

Delta R.T. -0.000 min

Lab File: VX040682.D

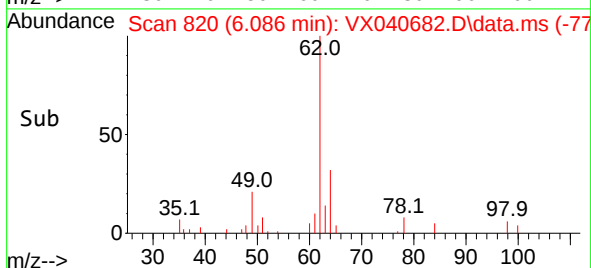
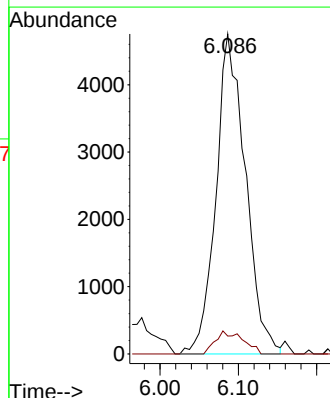
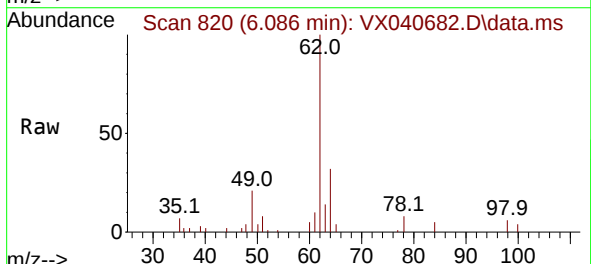
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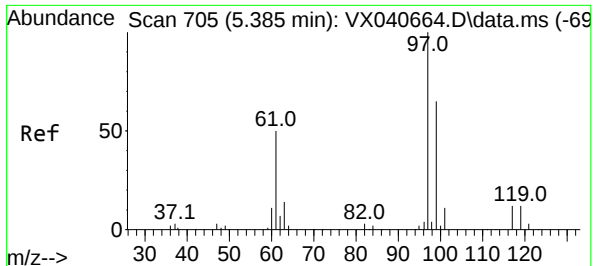
Tgt Ion: 62 Resp: 12417

Ion Ratio Lower Upper

62 100

98 5.6 5.8 8.6





#30

1,1,1-Trichloroethane

Concen: 8.504 ug/L m

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX040682.D

Acq: 16 Mar 2024 02:42

Instrument :

MSVOA_X

ClientSampleId :

YCL29

Tgt Ion: 97 Resp: 1446

Ion Ratio Lower Upper

97 100

99 69.3 52.1 78.1

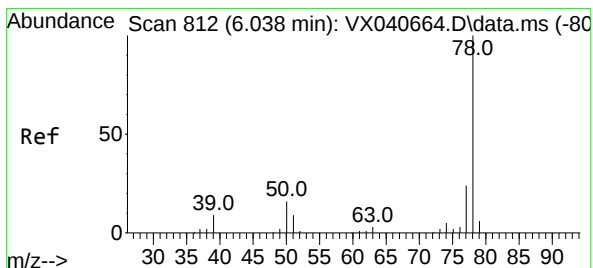
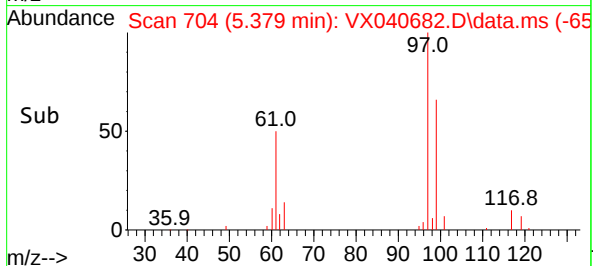
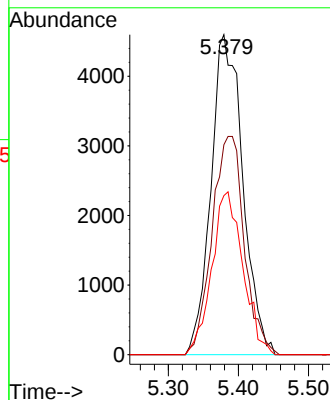
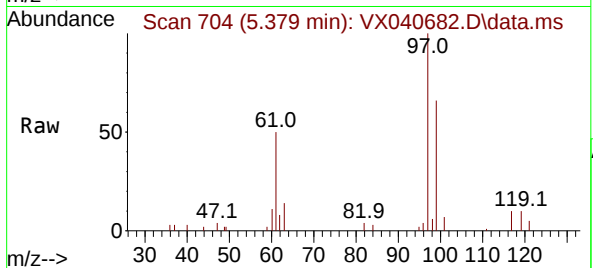
61 49.4 38.3 57.5

Manual Integrations

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#33

Benzene

Concen: 4.275 ug/L

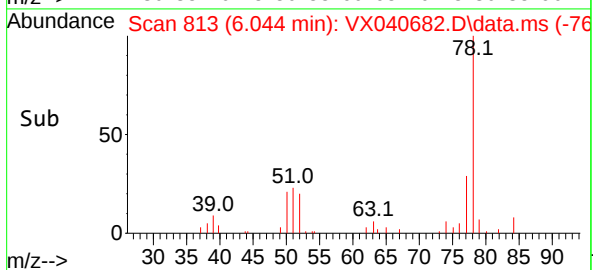
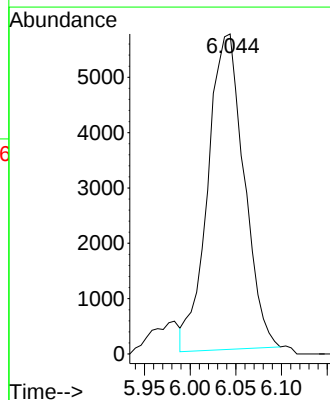
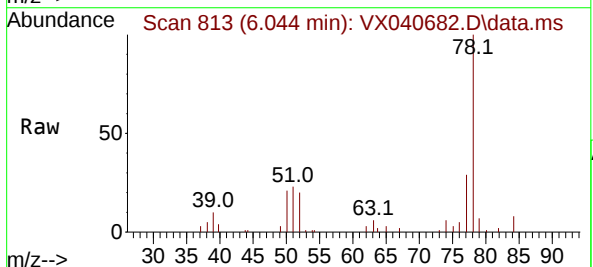
RT: 6.044 min Scan# 813

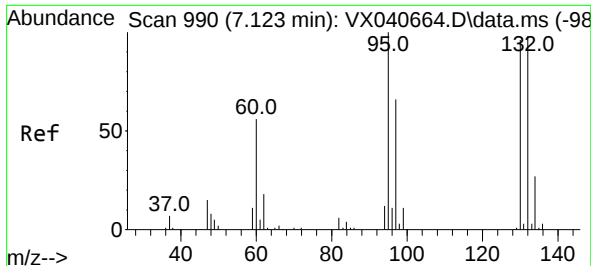
Delta R.T. 0.006 min

Lab File: VX040682.D

Acq: 16 Mar 2024 02:42

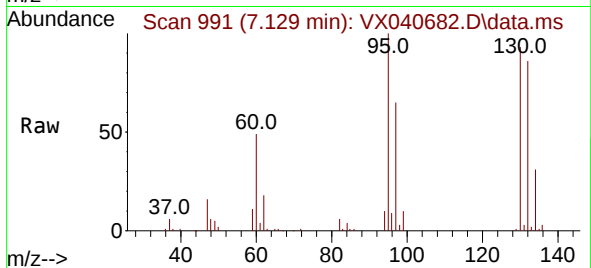
Tgt Ion: 78 Resp: 15685





#34
Trichloroethene
Concen: 33.131 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX040682.D
Acq: 16 Mar 2024 02:42

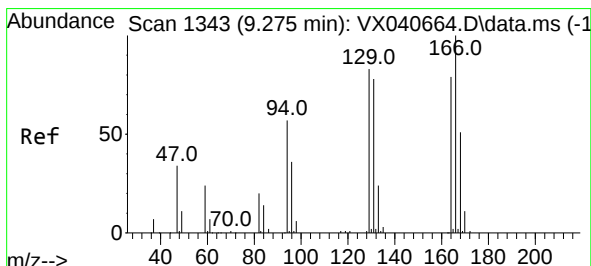
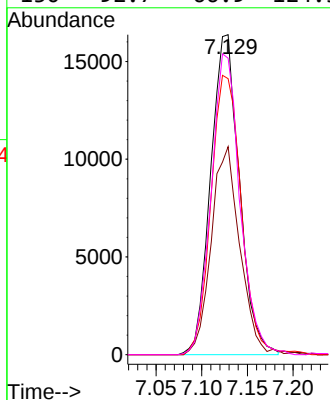
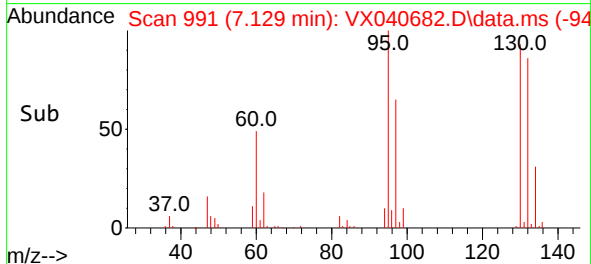
Instrument :
MSVOA_X
ClientSampleId :
YCL29



Tgt Ion: 95 Resp: 3588
Ion Ratio Lower Upper
95 100
97 65.0 44.7 83.1
132 86.2 61.5 114.3
130 92.7 66.9 124.3

Manual Integrations
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Supervised By :Semsettin Yesilyurt 03/19/2024



#46
Tetrachloroethene
Concen: 3.059 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX040682.D
Acq: 16 Mar 2024 02:42

Tgt Ion:164 Resp: 2379
Ion Ratio Lower Upper
164 100
129 111.2 67.8 126.0
131 82.0 67.8 126.0
166 134.6 88.2 163.8

