

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031524\
 Data File : VX040680.D
 Acq On : 16 Mar 2024 01:56
 Operator : JC/MD
 Sample : P1754-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 YCL27

Quant Time: Mar 16 05:56:10 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	151590	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	143572	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	70480	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	41675	31.363	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	62.720%		
7) Chloroethane-d5	1.666	69	40867	38.522	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	77.040%		
11) 1,1-Dichloroethene-d2	2.306	65	19497	31.873	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	63.740%		
21) 2-Butanone-d5	4.452	46	99266	97.348	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	97.350%		
24) Chloroform-d	5.056	84	107172	43.430	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.860%		
26) 1,2-Dichloroethane-d4	5.958	65	81333	44.145	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.300%		
32) Benzene-d6	5.970	84	178505	40.525	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.060%		
36) 1,2-Dichloropropane-d6	7.305	67	60192	44.092	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	88.180%		
41) Toluene-d8	8.647	98	154322	36.355	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	72.700%#		
43) trans-1,3-Dichloroprop...	8.951	79	28329	38.990	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	77.980%		
47) 2-Hexanone-d5	9.384	63	69792	92.654	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	92.650%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	95589	46.767	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.540%		
66) 1,2-Dichlorobenzene-d4	12.317	152	64387	43.618	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.240%		
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	91081	71.579	ug/L	96
12) 1,1-Dichloroethene	2.319	96	37250	40.313	ug/L	99
13) Acetone	2.380	43	35307	48.487	ug/L	98
19) 1,1-Dichloroethane	3.611	63	26420	14.334	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	50080	47.082	ug/L	93
22) 2-Butanone	4.568	43	3309	3.432	ug/L	86
27) 1,2-Dichloroethane	6.098	62	6591m	3.606	ug/L	
30) 1,1,1-Trichloroethane	5.385	97	14943	8.357	ug/L	96
34) Trichloroethene	7.129	95	8167	7.173	ug/L	99

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

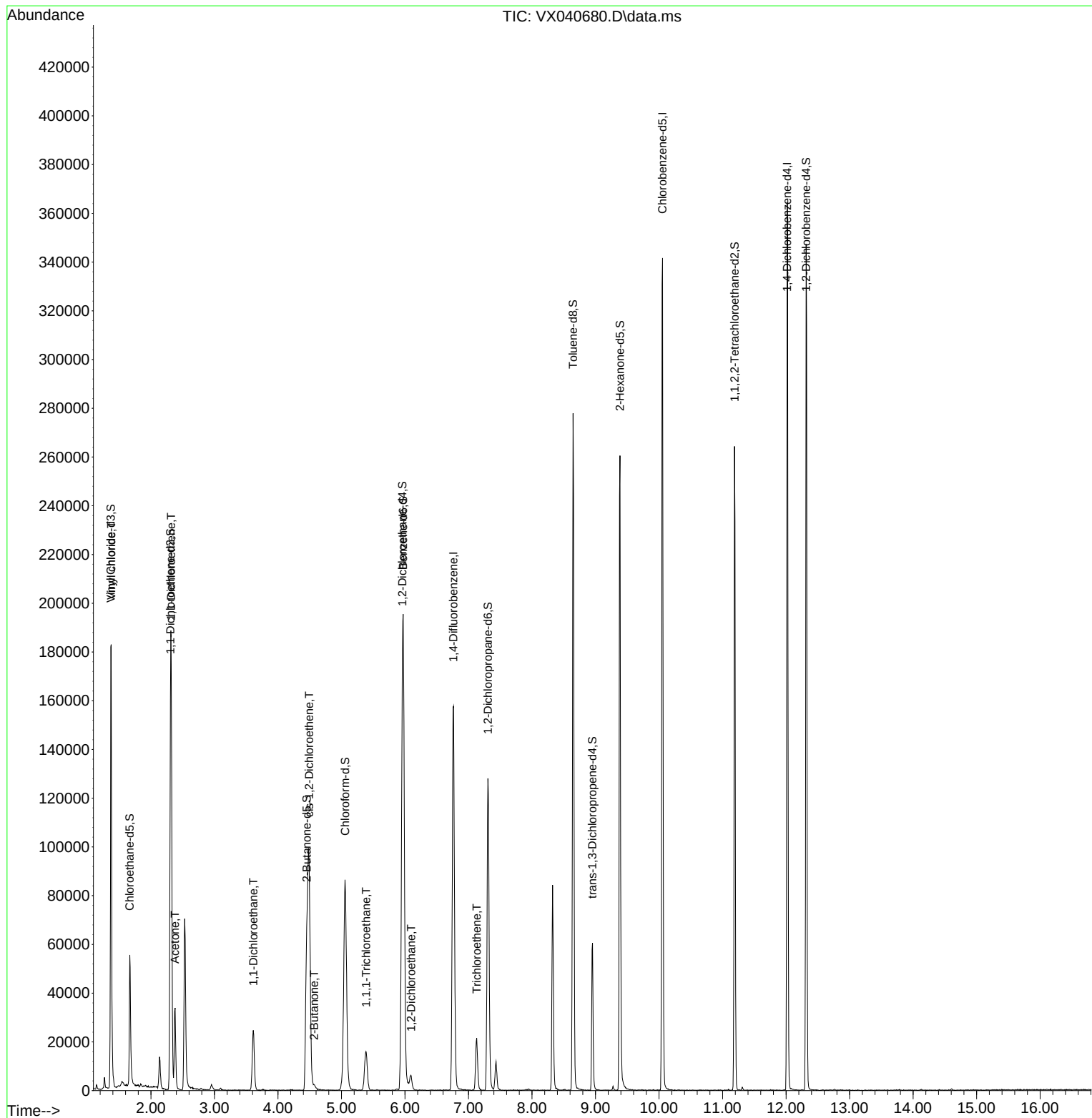
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031524\
Data File : VX040680.D
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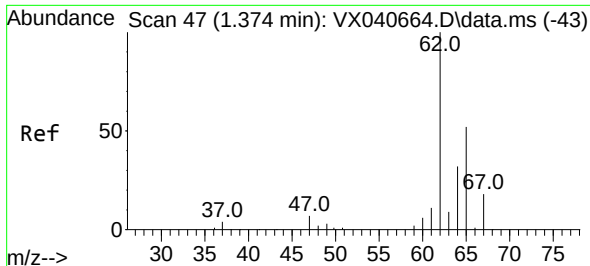
Instrument :
MSVOA_X
ClientSampleId :
YCL27

Quant Time: Mar 16 05:56:10 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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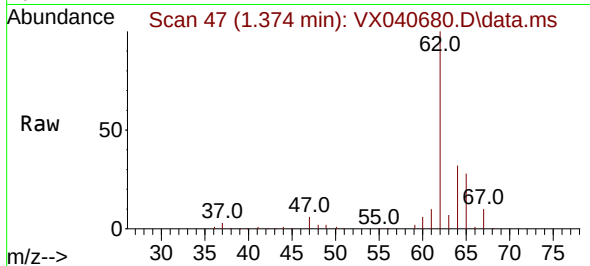
Reviewed By : John Carlone 03/18/2024
Supervised By : Semsettin Yesilyurt 03/19/2024





#5
 Vinyl chloride
 Concen: 71.579 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX040680.D
 Acq: 16 Mar 2024 01:56

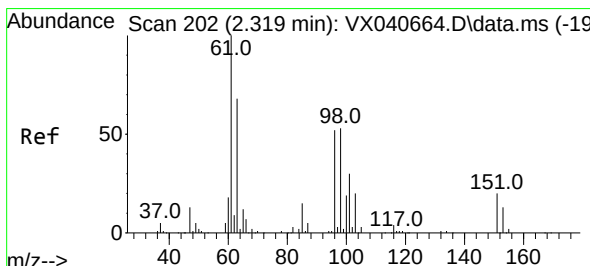
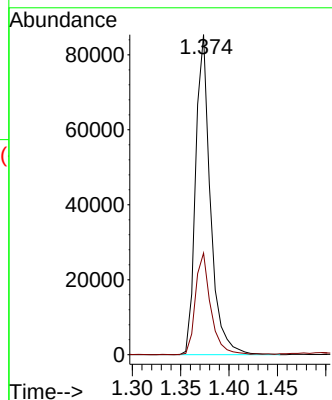
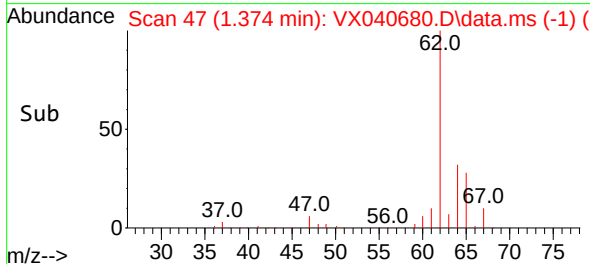
Instrument :
 MSVOA_X
 ClientSampleId :
 YCL27



Tgt Ion: 62 Resp: 9108
 Ion Ratio Lower Upper
 62 100
 64 31.7 23.8 44.2

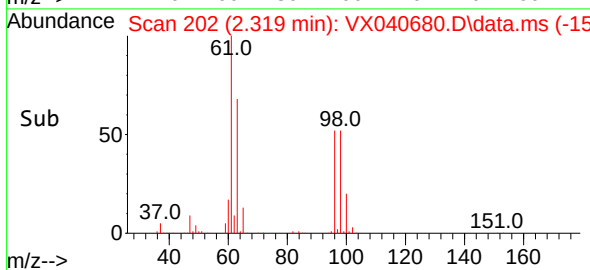
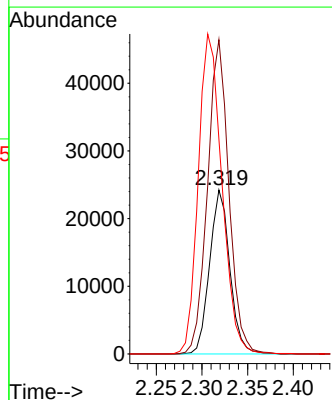
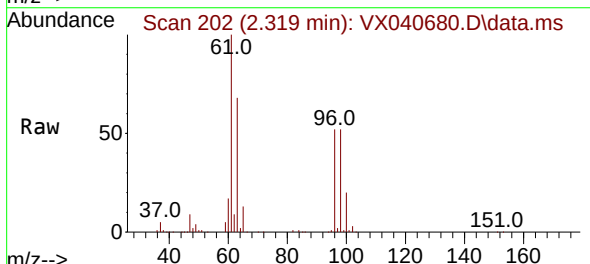
Manual Integrations
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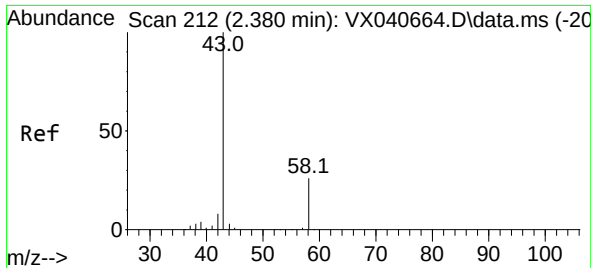
Reviewed By :John Carlone 03/18/2024
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#12
 1,1-Dichloroethene
 Concen: 40.313 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX040680.D
 Acq: 16 Mar 2024 01:56

Tgt Ion: 96 Resp: 37250
 Ion Ratio Lower Upper
 96 100
 61 191.6 134.8 250.4
 63 130.9 92.5 171.9





#13

Acetone

Concen: 48.487 ug/L

RT: 2.380 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX040680.D

Acq: 16 Mar 2024 01:56

Instrument :

MSVOA_X

ClientSampleId :

YCL27

Tgt Ion: 43 Resp: 3530

Ion Ratio Lower Upper

43 100

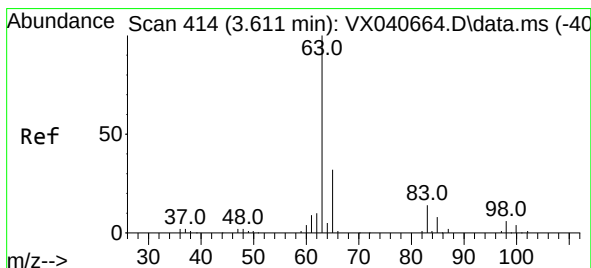
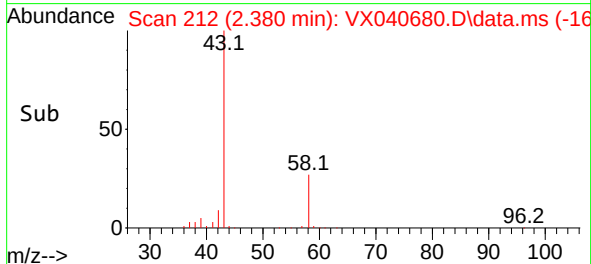
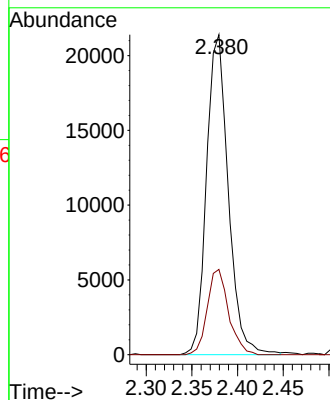
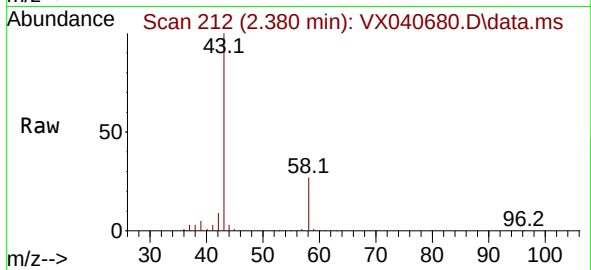
58 26.1 0.0 54.6

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#19

1,1-Dichloroethane

Concen: 14.334 ug/L

RT: 3.611 min Scan# 414

Delta R.T. -0.000 min

Lab File: VX040680.D

Acq: 16 Mar 2024 01:56

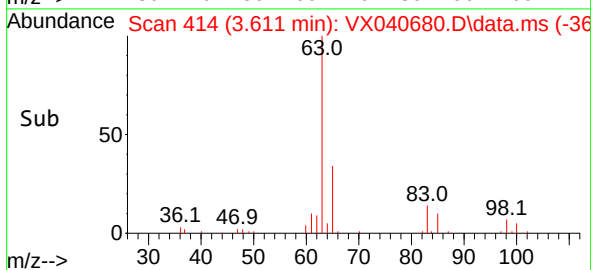
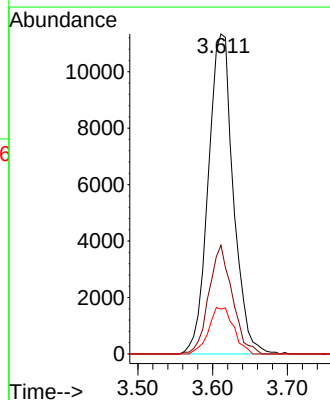
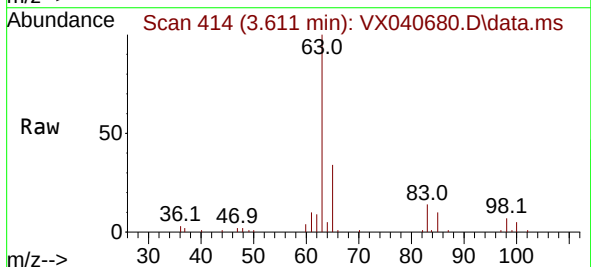
Tgt Ion: 63 Resp: 26420

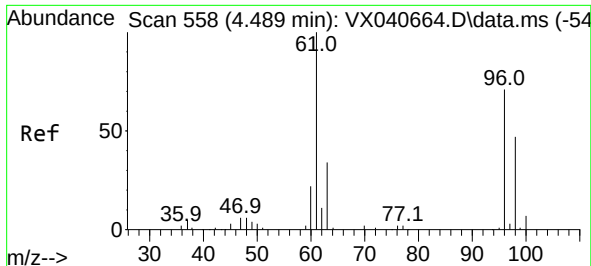
Ion Ratio Lower Upper

63 100

65 34.0 23.1 42.9

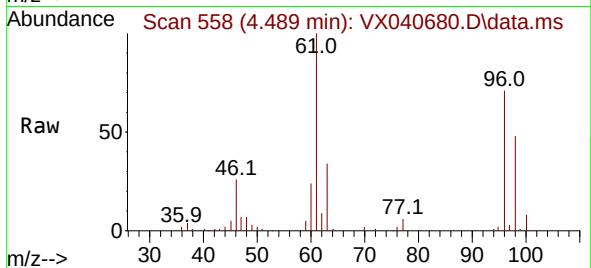
83 14.1 9.9 18.5





#20
cis-1,2-Dichloroethene
Concen: 47.082 ug/L
RT: 4.489 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX040680.D
Acq: 16 Mar 2024 01:56

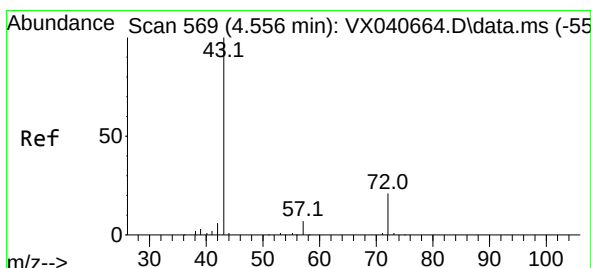
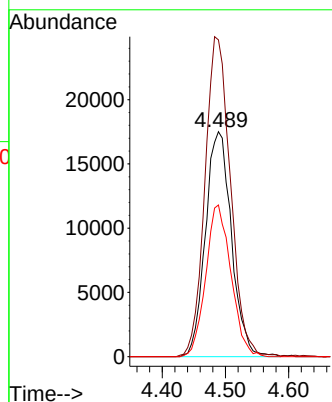
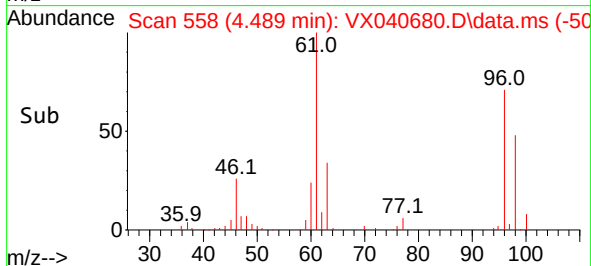
Instrument :
MSVOA_X
ClientSampleId :
YCL27



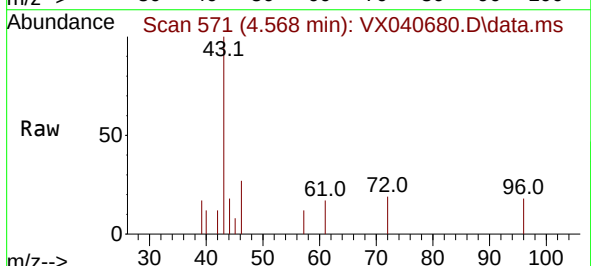
Tgt Ion: 96 Resp: 50080
Ion Ratio Lower Upper
96 100
61 140.8 93.0 172.8
98 67.4 42.4 78.6

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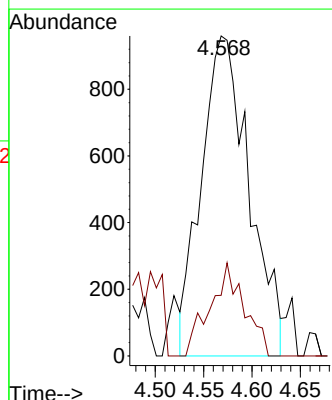
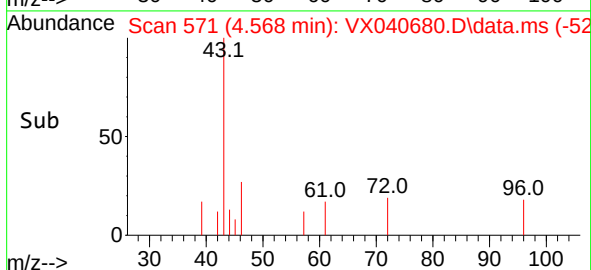
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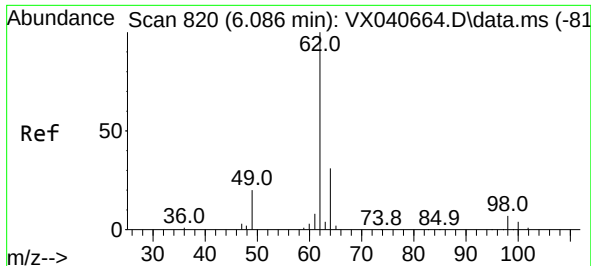


#22
2-Butanone
Concen: 3.432 ug/L
RT: 4.568 min Scan# 571
Delta R.T. 0.012 min
Lab File: VX040680.D
Acq: 16 Mar 2024 01:56



Tgt Ion: 43 Resp: 3309
Ion Ratio Lower Upper
43 100
72 17.6 12.4 37.2





#27

1,2-Dichloroethane

Concen: 3.606 ug/L m

RT: 6.098 min Scan# 81

Delta R.T. 0.012 min

Lab File: VX040680.D

Acq: 16 Mar 2024 01:56

Instrument :

MSVOA_X

ClientSampleId :

YCL27

Tgt Ion: 62 Resp: 659

Ion Ratio Lower Upper

62 100

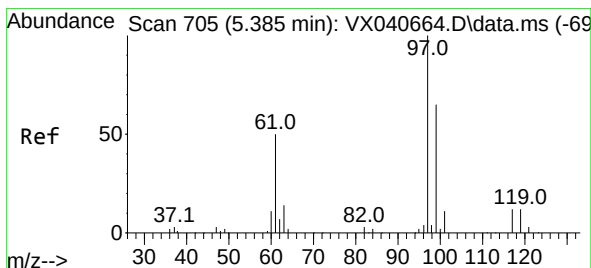
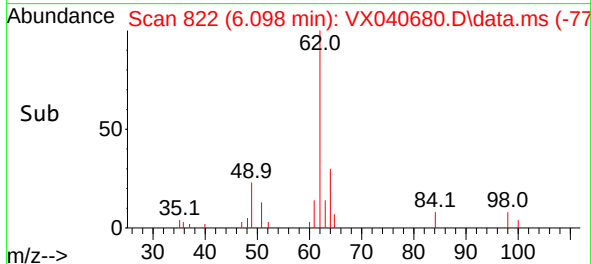
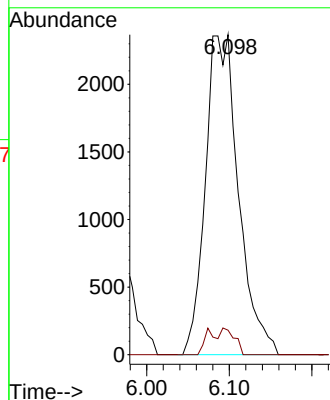
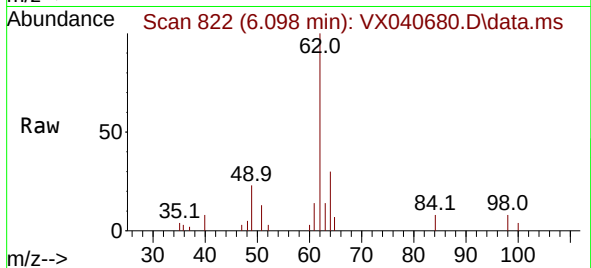
98 7.6 5.8 8.6

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#30

1,1,1-Trichloroethane

Concen: 8.357 ug/L

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX040680.D

Acq: 16 Mar 2024 01:56

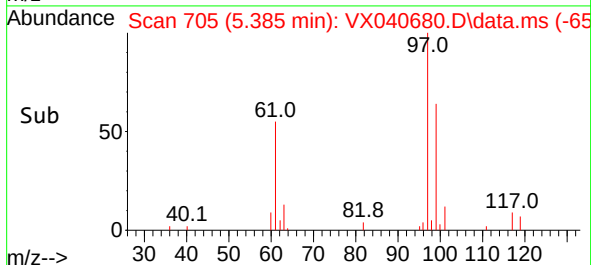
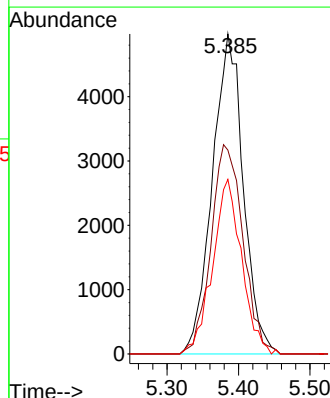
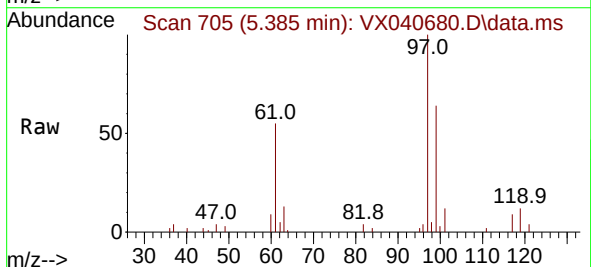
Tgt Ion: 97 Resp: 14943

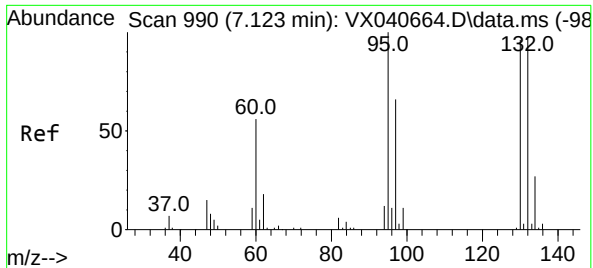
Ion Ratio Lower Upper

97 100

99 67.7 52.1 78.1

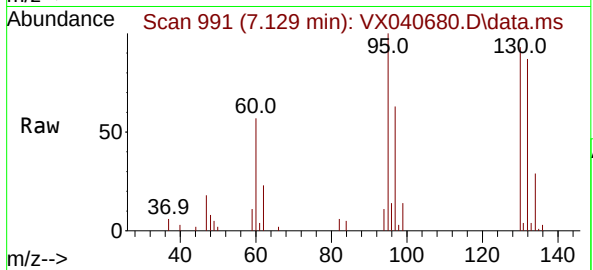
61 51.2 38.3 57.5





#34
 Trichloroethene
 Concen: 7.173 ug/L
 RT: 7.129 min Scan# 991
 Delta R.T. 0.006 min
 Lab File: VX040680.D
 Acq: 16 Mar 2024 01:56

Instrument :
 MSVOA_X
 ClientSampleId :
 YCL27



Tgt Ion: 95 Resp: 816

Ion	Ratio	Lower	Upper
95	100		
97	63.0	44.7	83.1
132	87.5	61.5	114.3
130	93.1	66.9	124.3

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