

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031524\
 Data File : VX040670.D
 Acq On : 15 Mar 2024 22:07
 Operator : JC/MD
 Sample : P1754-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 YCL08

Quant Time: Mar 16 05:53:44 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	144461	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	136908	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	61368	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	45730	36.112	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	72.220%		
7) Chloroethane-d5	1.666	69	42041	41.584	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	83.160%		
11) 1,1-Dichloroethene-d2	2.307	65	21386	36.687	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	73.380%		
21) 2-Butanone-d5	4.452	46	95091	97.856	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	97.860%		
24) Chloroform-d	5.056	84	107828	45.852	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.700%		
26) 1,2-Dichloroethane-d4	5.952	65	81074	46.176	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.360%		
32) Benzene-d6	5.970	84	184090	43.828	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.660%		
36) 1,2-Dichloropropane-d6	7.306	67	60127	46.188	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	92.380%		
41) Toluene-d8	8.647	98	161913	40.000	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	80.000%		
43) trans-1,3-Dichloroprop...	8.952	79	29755	42.946	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.900%		
47) 2-Hexanone-d5	9.384	63	67853	94.465	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	94.460%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	95599	49.049	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	98.100%		
66) 1,2-Dichlorobenzene-d4	12.317	152	59192	46.052	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.100%		
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	22960	18.934	ug/L	97
12) 1,1-Dichloroethene	2.319	96	138136m	156.873	ug/L	
13) Acetone	2.380	43	67291	96.971	ug/L	99
19) 1,1-Dichloroethane	3.611	63	13763	7.836	ug/L	94
20) cis-1,2-Dichloroethene	4.483	96	13237	13.059	ug/L	98
22) 2-Butanone	4.574	43	4226m	4.599	ug/L	
30) 1,1,1-Trichloroethane	5.385	97	18382	10.780	ug/L #	83
33) Benzene	6.038	78	4629	1.259	ug/L	100
34) Trichloroethene	7.129	95	8765	8.073	ug/L	97

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

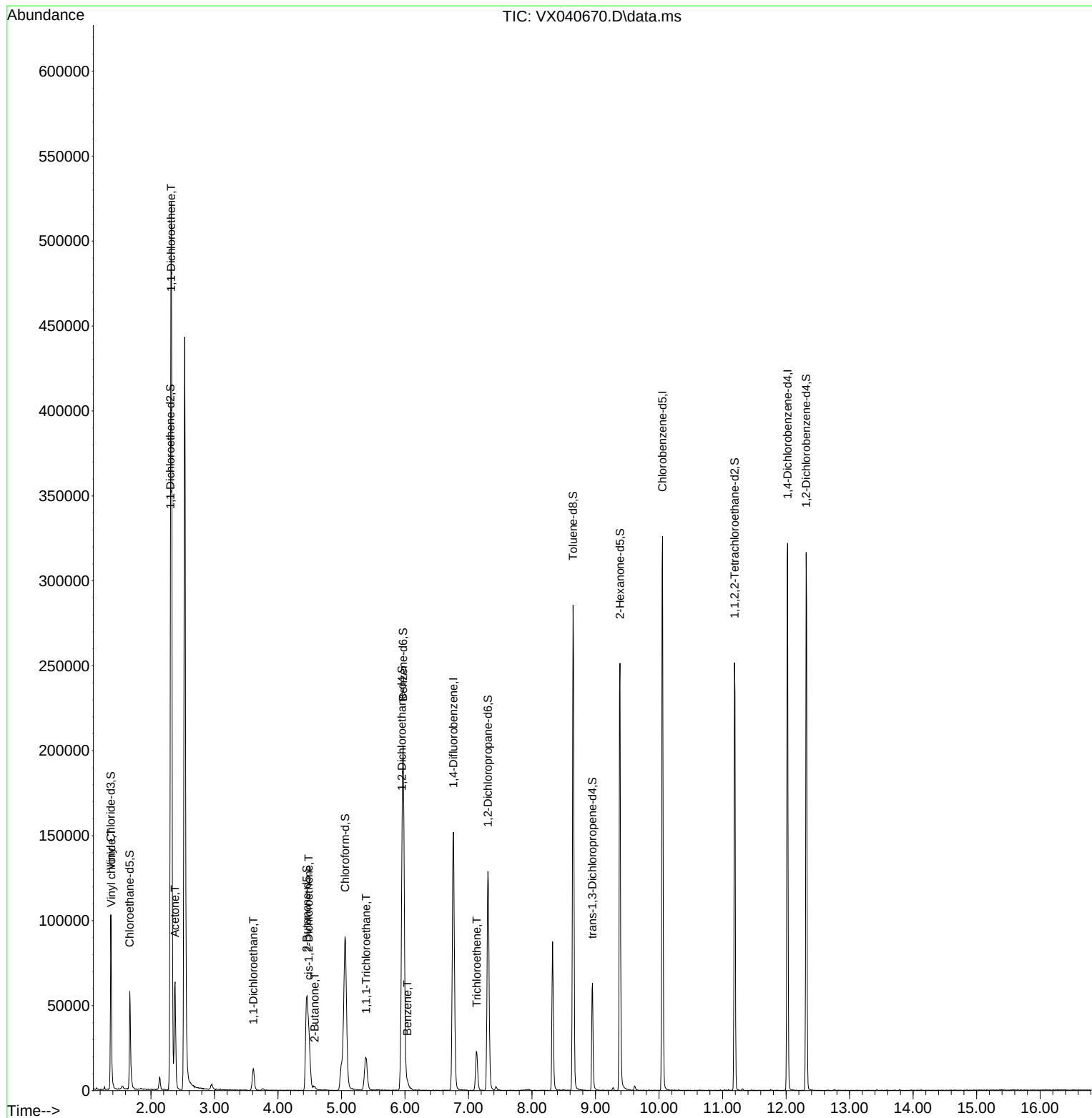
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031524\
Data File : VX040670.D
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Sample : P1754-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 34 Sample Multiplier: 1

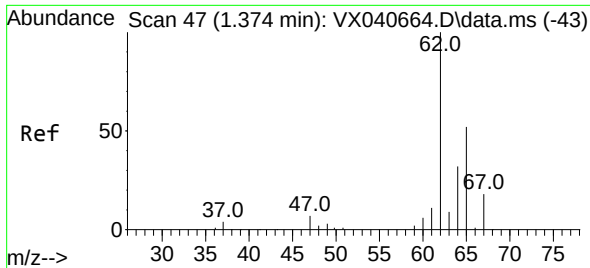
Instrument :
MSVOA_X
ClientSampleId :
YCL08

Quant Time: Mar 16 05:53:44 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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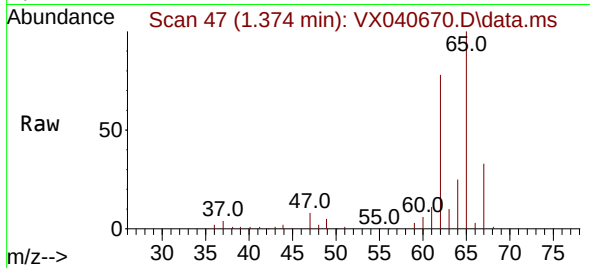
Reviewed By :John Carlone 03/18/2024
Supervised By :Semsettin Yesilyurt 03/19/2024





#5
 Vinyl chloride
 Concen: 18.934 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX040670.D
 Acq: 15 Mar 2024 22:07

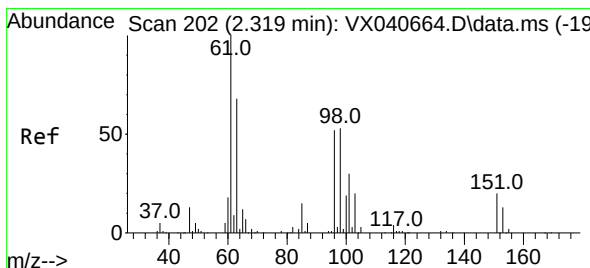
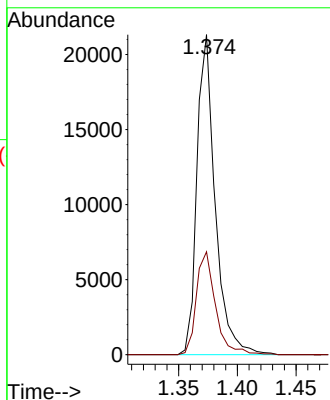
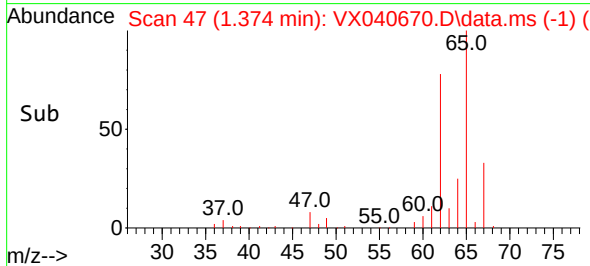
Instrument :
 MSVOA_X
 ClientSampleId :
 YCL08



Tgt Ion: 62 Resp: 22960
 Ion Ratio Lower Upper
 62 100
 64 32.2 23.8 44.2

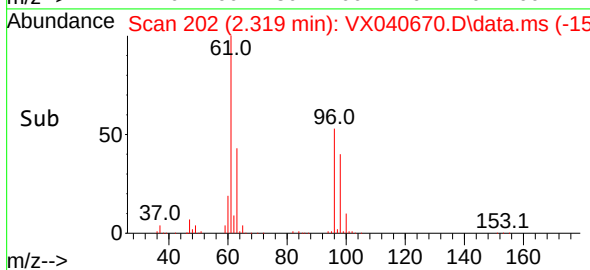
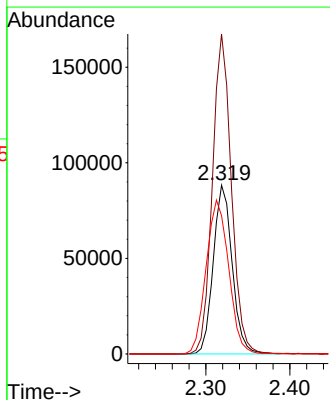
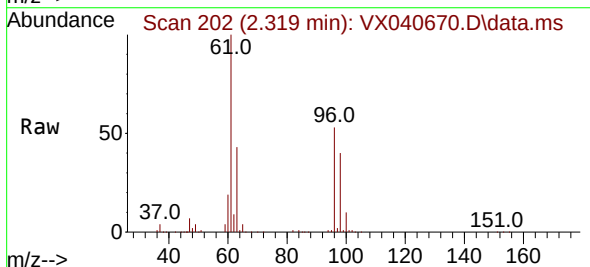
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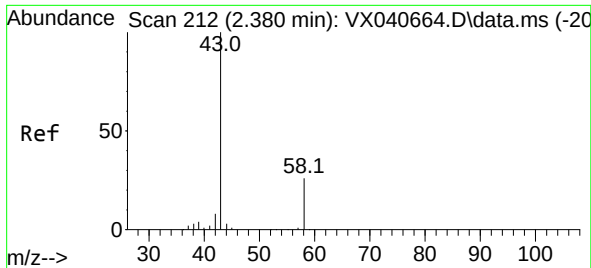
Reviewed By :John Carlone 03/18/2024
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#12
 1,1-Dichloroethene
 Concen: 156.873 ug/L m
 RT: 2.319 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX040670.D
 Acq: 15 Mar 2024 22:07

Tgt Ion: 96 Resp: 138136
 Ion Ratio Lower Upper
 96 100
 61 189.5 134.8 250.4
 63 81.9 92.5 171.9#





#13

Acetone

Concen: 96.971 ug/L

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX040670.D

Acq: 15 Mar 2024 22:07

Instrument :

MSVOA_X

ClientSampleId :

YCL08

Tgt Ion: 43 Resp: 6729

Ion Ratio Lower Upper

43 100

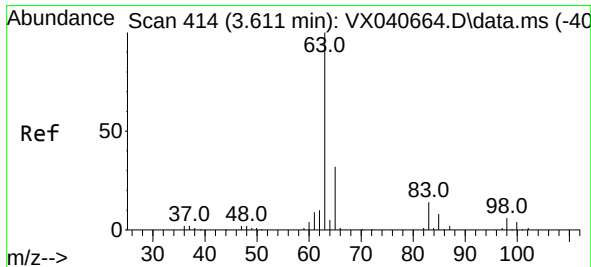
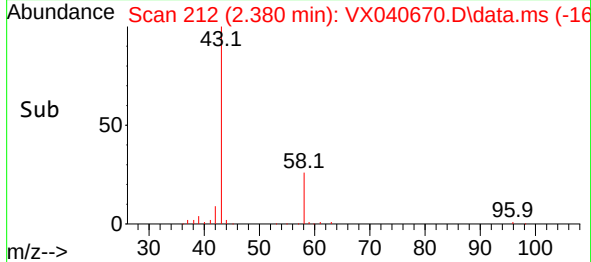
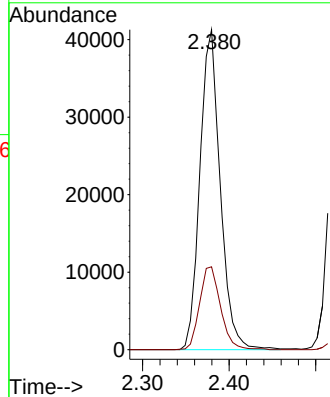
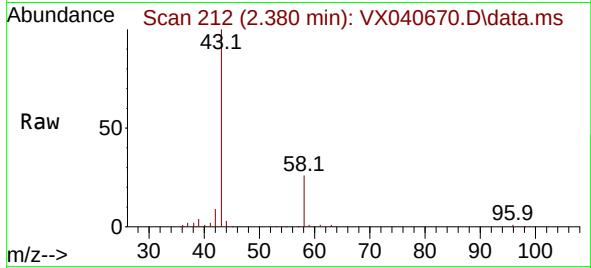
58 26.6 0.0 54.6

Manual Integrations

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#19

1,1-Dichloroethane

Concen: 7.836 ug/L

RT: 3.611 min Scan# 414

Delta R.T. -0.000 min

Lab File: VX040670.D

Acq: 15 Mar 2024 22:07

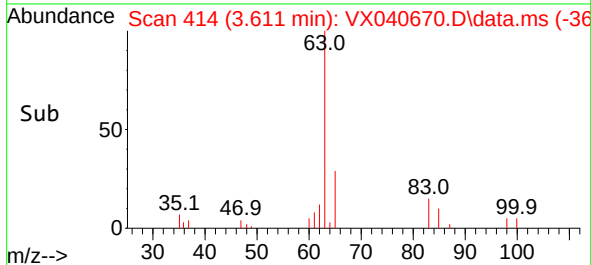
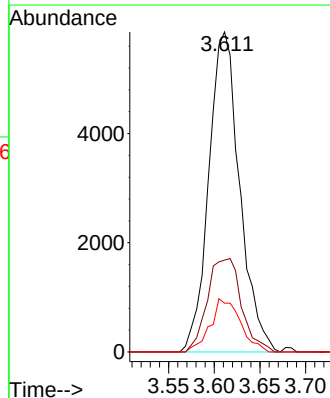
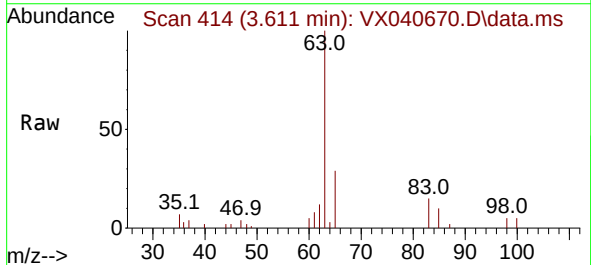
Tgt Ion: 63 Resp: 13763

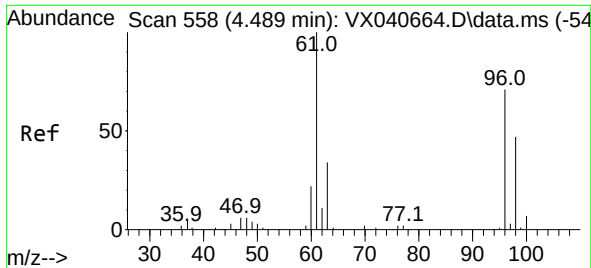
Ion Ratio Lower Upper

63 100

65 28.7 23.1 42.9

83 15.3 9.9 18.5





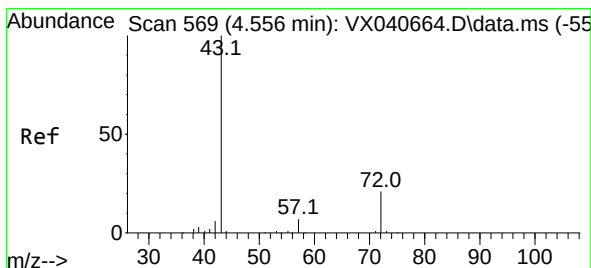
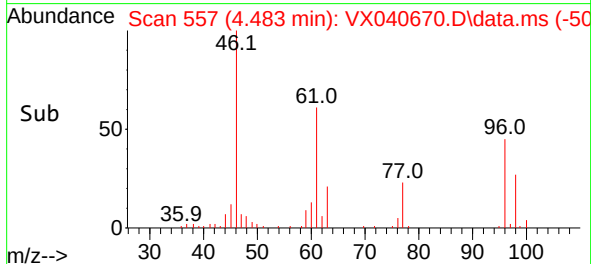
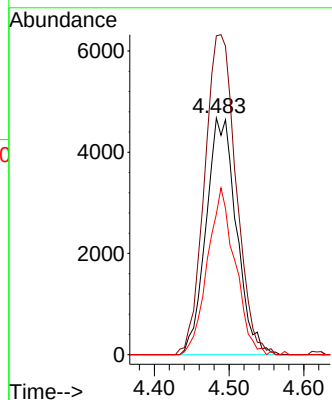
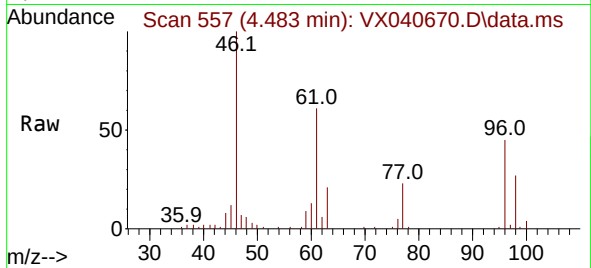
#20
cis-1,2-Dichloroethene
Concen: 13.059 ug/L
RT: 4.483 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX040670.D
Acq: 15 Mar 2024 22:07

Instrument :
MSVOA_X
ClientSampleId :
YCL08

Tgt Ion: 96 Resp: 1323
Ion Ratio Lower Upper
96 100
61 134.8 93.0 172.8
98 59.5 42.4 78.6

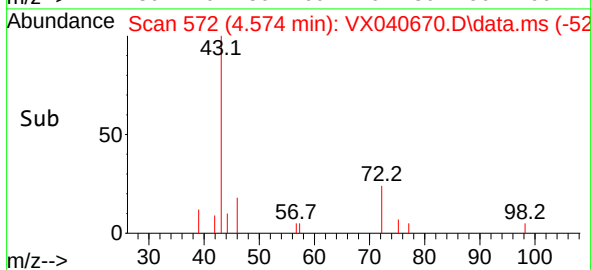
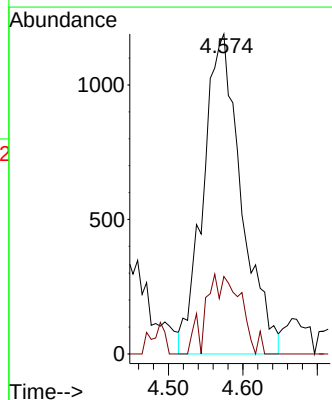
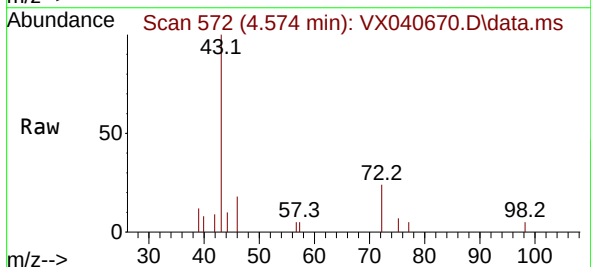
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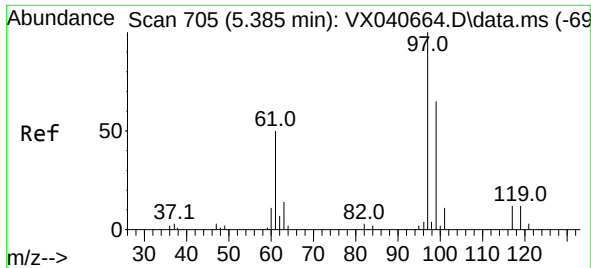
Reviewed By :John Carlone 03/18/2024
Supervised By :Semsettin Yesilyurt 03/19/2024



#22
2-Butanone
Concen: 4.599 ug/L m
RT: 4.574 min Scan# 572
Delta R.T. 0.018 min
Lab File: VX040670.D
Acq: 15 Mar 2024 22:07

Tgt Ion: 43 Resp: 4226
Ion Ratio Lower Upper
43 100
72 0.7 12.4 37.2#





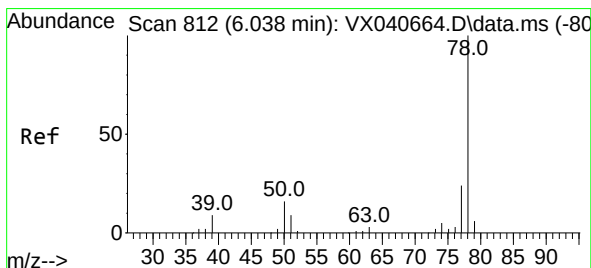
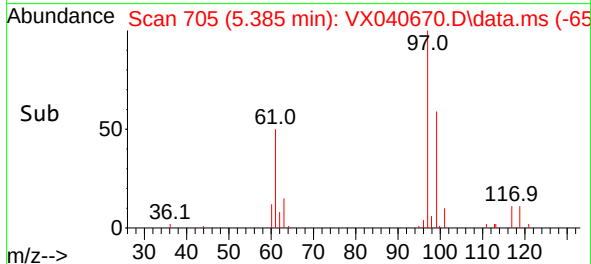
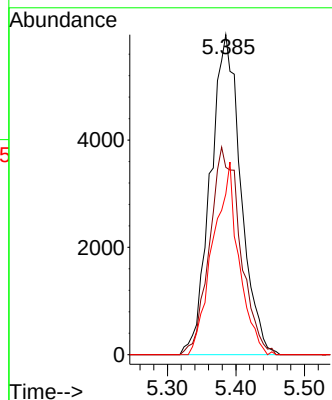
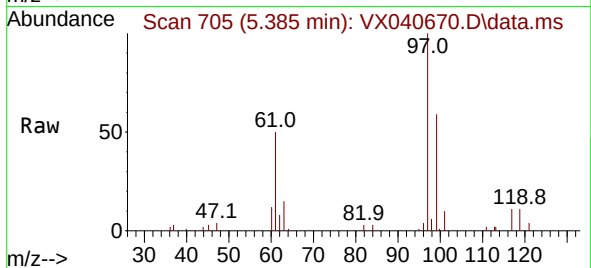
#30
1,1,1-Trichloroethane
Concen: 10.780 ug/L
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040670.D
Acq: 15 Mar 2024 22:07

Instrument :
MSVOA_X
ClientSampleId :
YCL08

Tgt Ion: 97 Resp: 1838
Ion Ratio Lower Upper
97 100
99 44.0 52.1 78.1
61 51.3 38.3 57.5

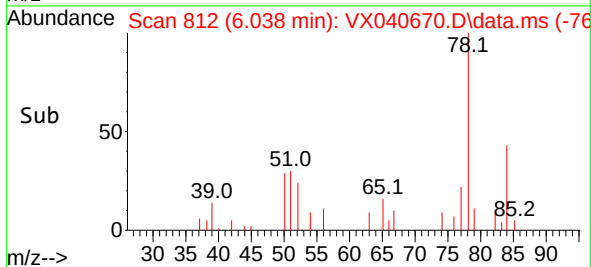
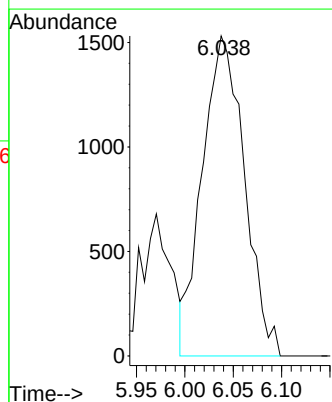
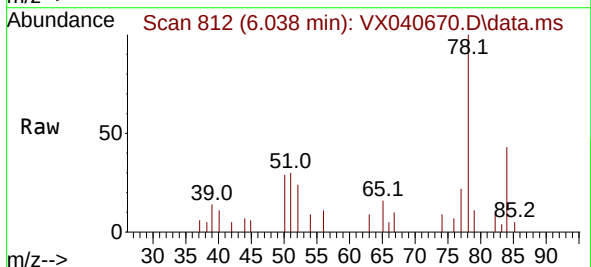
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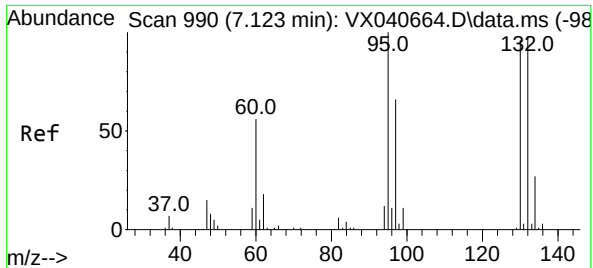
Reviewed By :John Carlone 03/18/2024
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#33
Benzene
Concen: 1.259 ug/L
RT: 6.038 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX040670.D
Acq: 15 Mar 2024 22:07

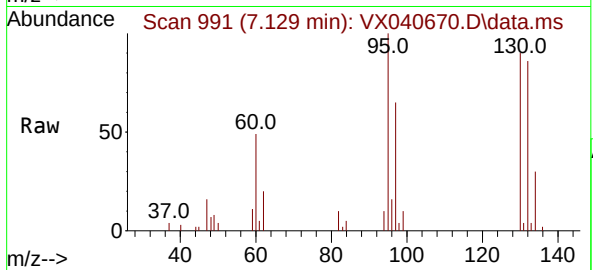
Tgt Ion: 78 Resp: 4629





#34
 Trichloroethene
 Concen: 8.073 ug/L
 RT: 7.129 min Scan# 991
 Delta R.T. 0.006 min
 Lab File: VX040670.D
 Acq: 15 Mar 2024 22:07

Instrument :
 MSVOA_X
 ClientSampleId :
 YCL08



Tgt Ion: 95 Resp: 876

Ion	Ratio	Lower	Upper
95	100		
97	65.2	44.7	83.1
132	85.9	61.5	114.3
130	89.8	66.9	124.3

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