

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031524\
 Data File : VX040660.D
 Acq On : 15 Mar 2024 17:33
 Operator : JC/MD
 Sample : P1753-22
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 YCL38

Quant Time: Mar 16 02:54:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML030724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 16 01:57:16 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	147030	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	140750	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	59610	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	46194	35.841	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	71.680%		
7) Chloroethane-d5	1.666	69	42506	41.310	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	82.620%		
11) 1,1-Dichloroethene-d2	2.306	65	20748	34.970	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	69.940%		
21) 2-Butanone-d5	4.452	46	93802	94.843	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	94.840%		
24) Chloroform-d	5.056	84	105981	44.279	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.560%		
26) 1,2-Dichloroethane-d4	5.952	65	81038	45.349	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.700%		
32) Benzene-d6	5.970	84	185896	43.050	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.100%		
36) 1,2-Dichloropropane-d6	7.306	67	60411	45.140	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.280%		
41) Toluene-d8	8.647	98	165038	39.659	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	79.320%#		
43) trans-1,3-Dichloroprop...	8.952	79	29060	40.798	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.600%		
47) 2-Hexanone-d5	9.384	63	67164	90.953	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	90.950%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	92373	46.100	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	92.200%		
66) 1,2-Dichlorobenzene-d4	12.323	152	61565	49.311	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.620%		
Target Compounds						
5) Vinyl chloride	1.374	62	2021	1.638	ug/L #	57
12) 1,1-Dichloroethene	2.319	96	18916	21.107	ug/L #	60
13) Acetone	2.373	43	104427	147.858	ug/L	98
19) 1,1-Dichloroethane	3.611	63	9431	5.275	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	6168	5.979	ug/L	93
22) 2-Butanone	4.568	43	4601m	4.920	ug/L	
27) 1,2-Dichloroethane	6.086	62	35331	19.929	ug/L	100
30) 1,1,1-Trichloroethane	5.385	97	3680	2.099	ug/L #	63

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

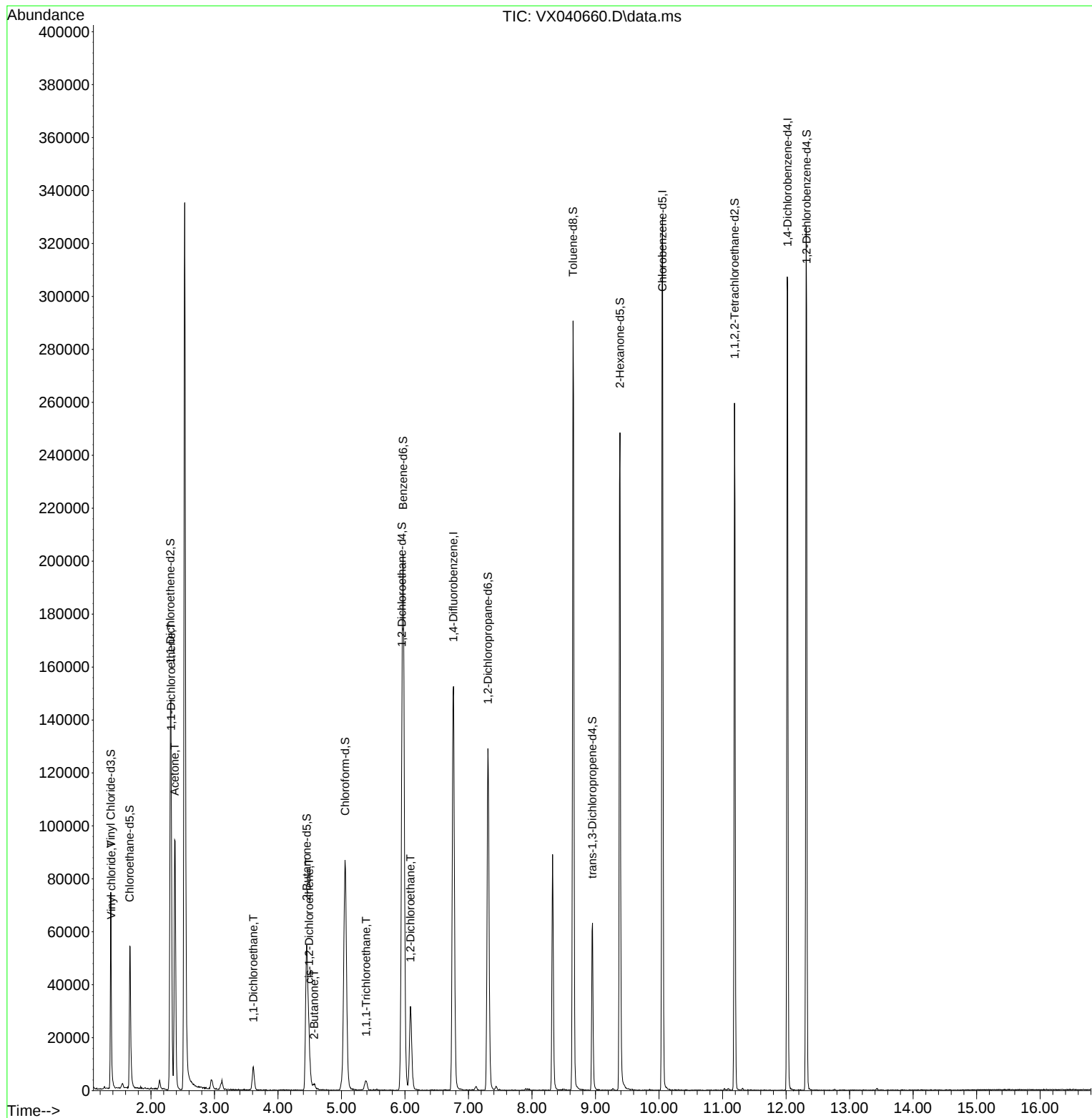
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031524\
Data File : VX040660.D
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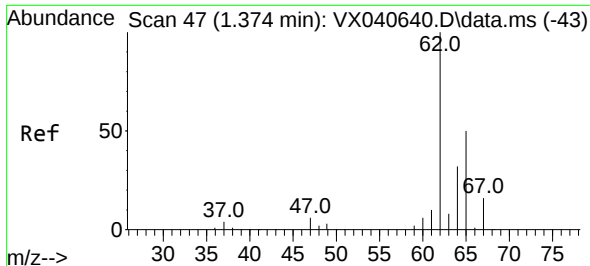
Instrument :
MSVOA_X
ClientSampleId :
YCL38

Quant Time: Mar 16 02:54:59 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML030724WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 16 01:57:16 2024
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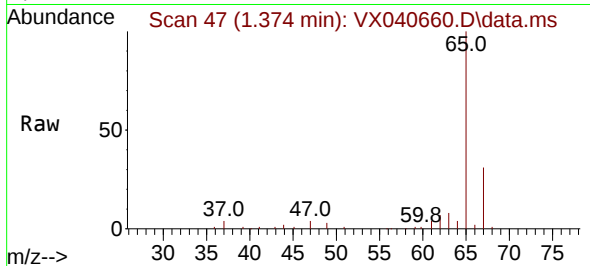
Reviewed By :John Carlone 03/18/2024
Supervised By :Semsettin Yesilyurt 03/19/2024





#5
Vinyl chloride
Concen: 1.638 ug/L
RT: 1.374 min Scan# 41
Delta R.T. -0.000 min
Lab File: VX040660.D
Acq: 15 Mar 2024 17:33

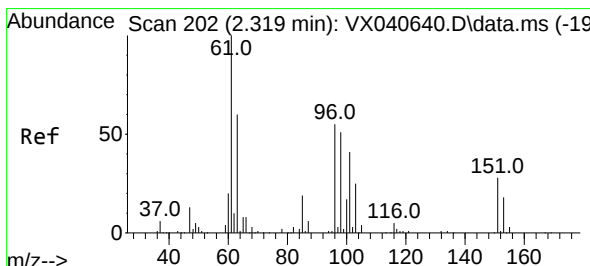
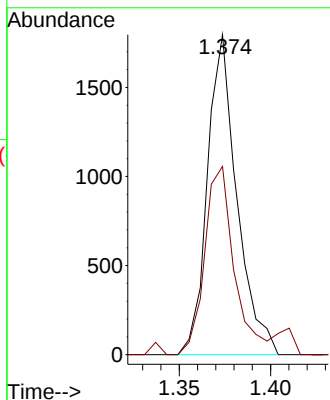
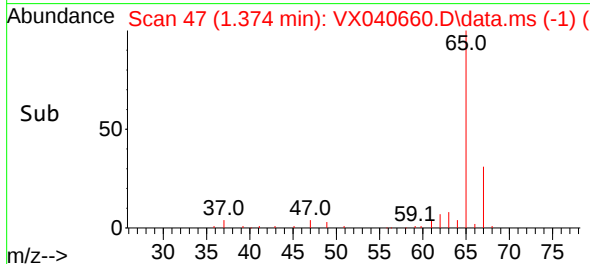
Instrument :
MSVOA_X
ClientSampleId :
YCL38



Tgt Ion: 62 Resp: 202
Ion Ratio Lower Upper
62 100
64 58.9 23.8 44.2

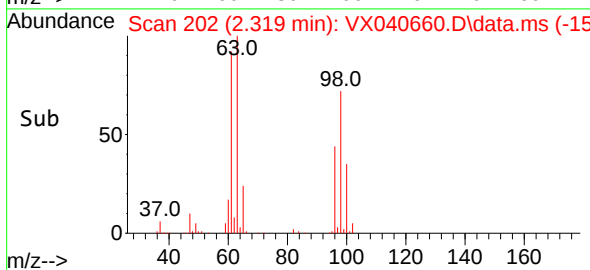
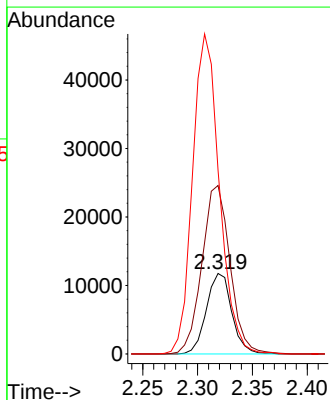
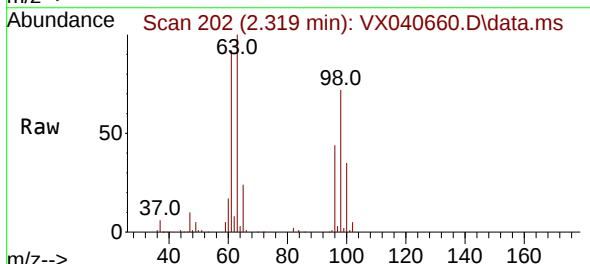
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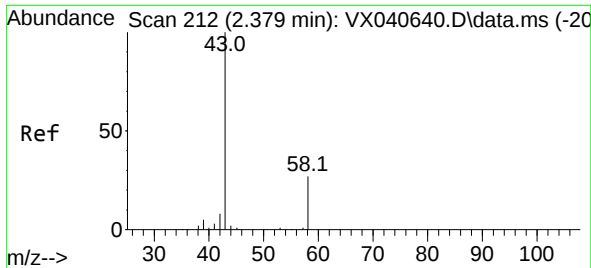
Reviewed By :John Carlone 03/18/2024
Supervised By :Semsettin Yesilyurt 03/19/2024



#12
1,1-Dichloroethene
Concen: 21.107 ug/L
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX040660.D
Acq: 15 Mar 2024 17:33

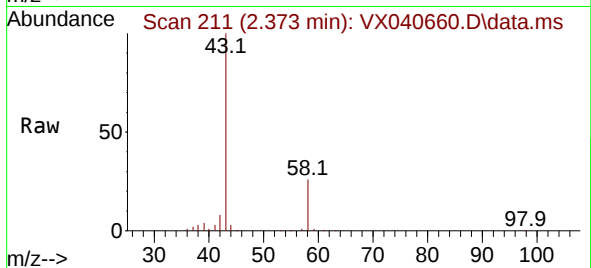
Tgt Ion: 96 Resp: 18916
Ion Ratio Lower Upper
96 100
61 209.6 134.8 250.4
63 228.6 92.5 171.9





#13
Acetone
Concen: 147.858 ug/L
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX040660.D
Acq: 15 Mar 2024 17:33

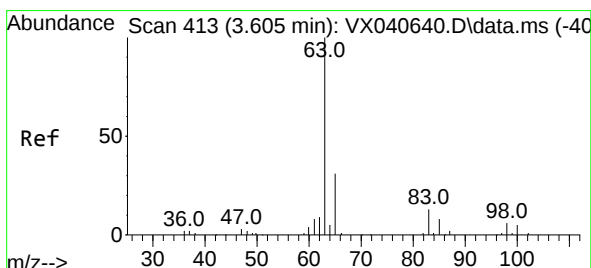
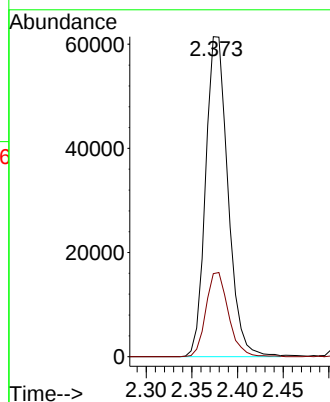
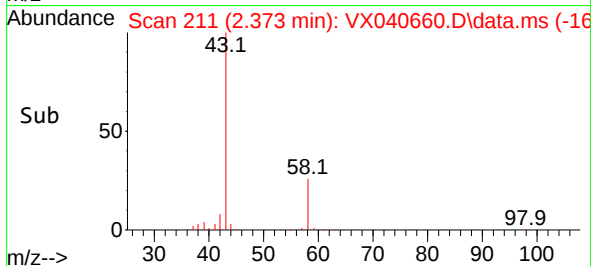
Instrument :
MSVOA_X
ClientSampleId :
YCL38



Tgt Ion: 43 Resp: 10442
Ion Ratio Lower Upper
43 100
58 26.5 0.0 54.6

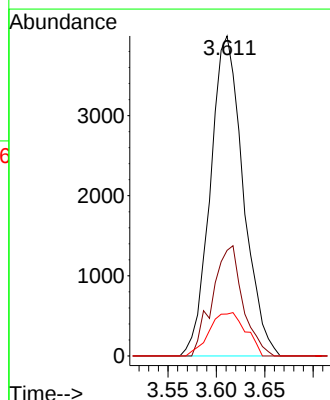
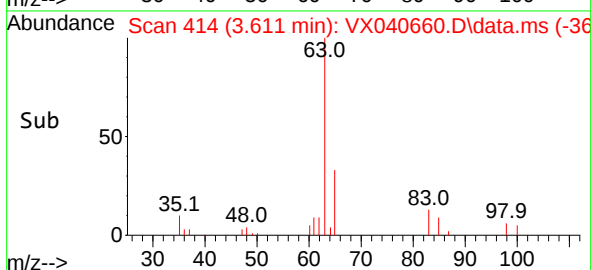
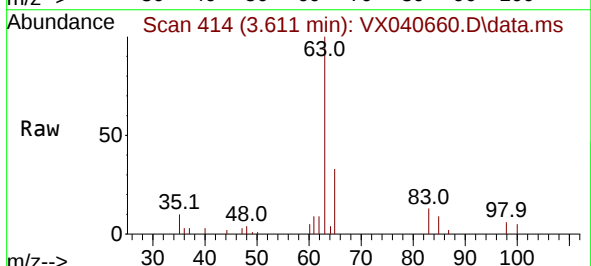
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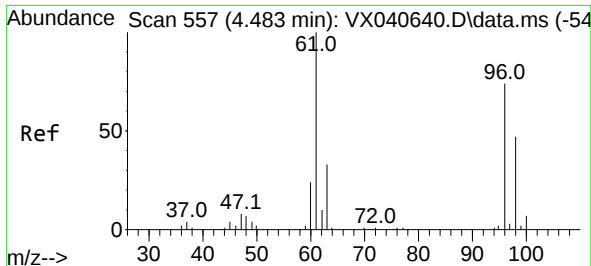
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#19
1,1-Dichloroethane
Concen: 5.275 ug/L
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX040660.D
Acq: 15 Mar 2024 17:33

Tgt Ion: 63 Resp: 9431
Ion Ratio Lower Upper
63 100
65 33.0 23.1 42.9
83 13.1 9.9 18.5





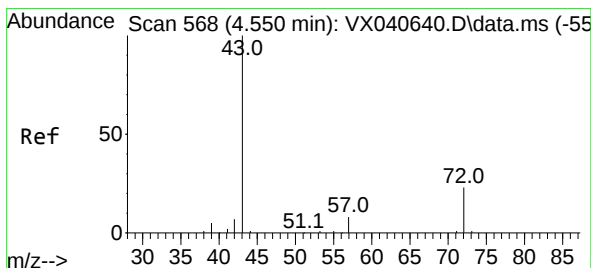
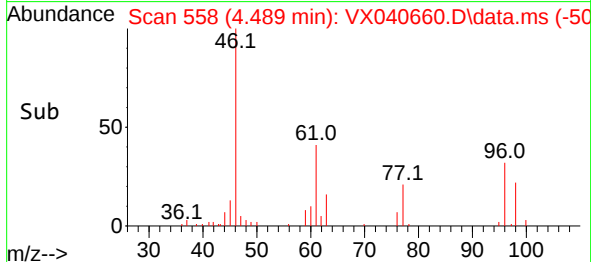
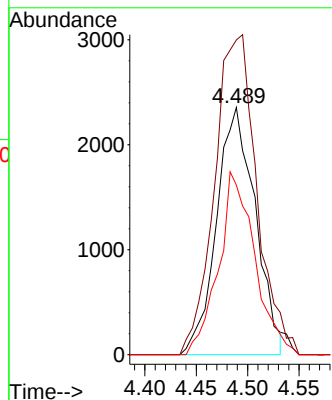
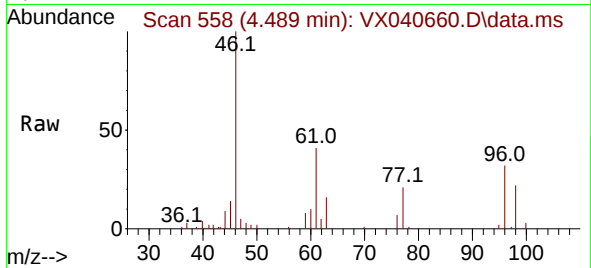
#20
cis-1,2-Dichloroethene
Concen: 5.979 ug/L
RT: 4.489 min Scan# 516
Delta R.T. 0.006 min
Lab File: VX040660.D
Acq: 15 Mar 2024 17:33

Instrument :
MSVOA_X
ClientSampleId :
YCL38

Tgt Ion: 96 Resp: 616
Ion Ratio Lower Upper
96 100
61 127.2 93.0 172.8
98 68.6 42.4 78.6

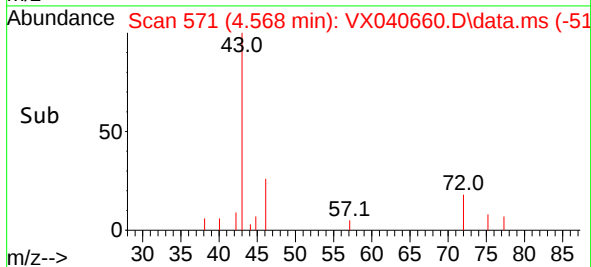
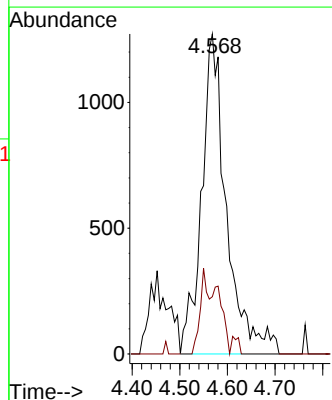
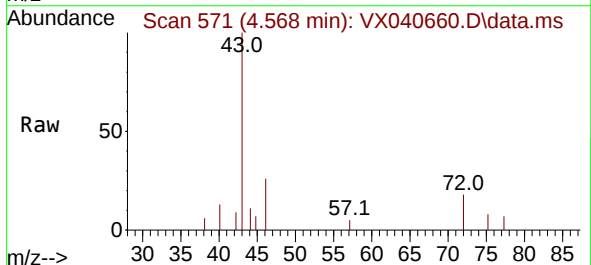
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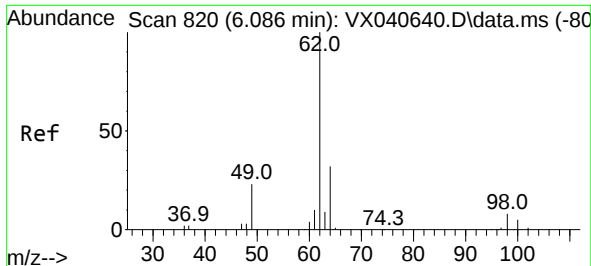
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#22
2-Butanone
Concen: 4.920 ug/L m
RT: 4.568 min Scan# 571
Delta R.T. 0.018 min
Lab File: VX040660.D
Acq: 15 Mar 2024 17:33

Tgt Ion: 43 Resp: 4601
Ion Ratio Lower Upper
43 100
72 9.0 12.4 37.2#





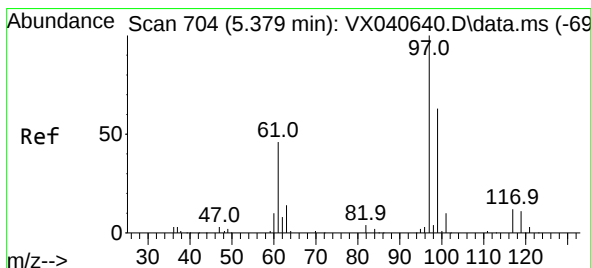
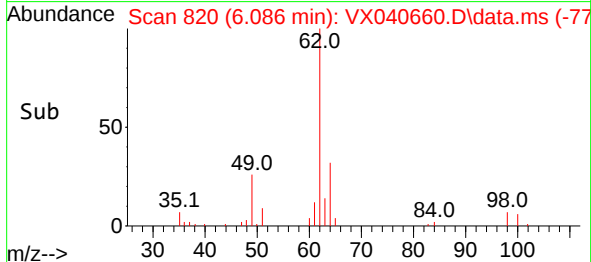
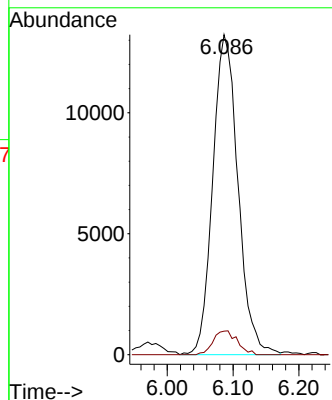
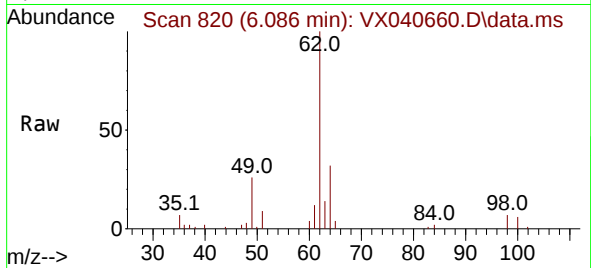
#27
1,2-Dichloroethane
Concen: 19.929 ug/L
RT: 6.086 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX040660.D
Acq: 15 Mar 2024 17:33

Instrument :
MSVOA_X
ClientSampleId :
YCL38

Tgt Ion: 62 Resp: 3533
Ion Ratio Lower Upper
62 100
98 7.3 5.8 8.6

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#30
1,1,1-Trichloroethane
Concen: 2.099 ug/L
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX040660.D
Acq: 15 Mar 2024 17:33

Tgt Ion: 97 Resp: 3680
Ion Ratio Lower Upper
97 100
99 39.3 52.1 78.1#
61 18.3 38.3 57.5#

