

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039240.D
 Acq On : 15 Dec 2023 19:53
 Operator : JC/MD
 Sample : 05844-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 YCHG4

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/16/2023
 Supervised By : Mahesh Dadoda 12/18/2023

Quant Time: Dec 16 01:52:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 12 03:50:51 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	222448	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	204688	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	93289	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	66399	38.056	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	76.120%		
7) Chloroethane-d5	1.666	69	51889	40.235	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	80.480%		
11) 1,1-Dichloroethene-d2	2.306	65	34111	44.538	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.080%		
21) 2-Butanone-d5	4.446	46	155650	98.553	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	98.550%		
24) Chloroform-d	5.056	84	152226	49.286	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.580%		
26) 1,2-Dichloroethane-d4	5.952	65	105964	52.974	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	105.940%		
32) Benzene-d6	5.970	84	299597	47.426	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.860%		
36) 1,2-Dichloropropane-d6	7.305	67	97974	48.193	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.380%		
41) Toluene-d8	8.646	98	268606	46.920	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.840%		
43) trans-1,3-Dichloroprop...	8.951	79	47061	45.490	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.980%		
47) 2-Hexanone-d5	9.384	63	111478	91.810	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	91.810%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	142201	49.308	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	98.620%		
66) 1,2-Dichlorobenzene-d4	12.316	152	92654	52.545	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	105.080%		
Target Compounds						Qvalue
5) Vinyl chloride	1.373	62	103999	56.909	ug/L	99
12) 1,1-Dichloroethene	2.318	96	1577244m	1100.630	ug/L	
13) Acetone	2.373	43	55279	36.434	ug/L	97
19) 1,1-Dichloroethane	3.611	63	258214	86.489	ug/L	97
20) cis-1,2-Dichloroethene	4.489	96	47863	27.330	ug/L	95
22) 2-Butanone	4.568	43	24749	13.291	ug/L	96
27) 1,2-Dichloroethane	6.092	62	18166	7.729	ug/L	97
30) 1,1,1-Trichloroethane	5.391	97	22778	9.172	ug/L	98
33) Benzene	6.037	78	28512	4.383	ug/L	100
34) Trichloroethene	7.122	95	57354	33.364	ug/L	98
46) Tetrachloroethene	9.274	164	2546	2.245	ug/L	90

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

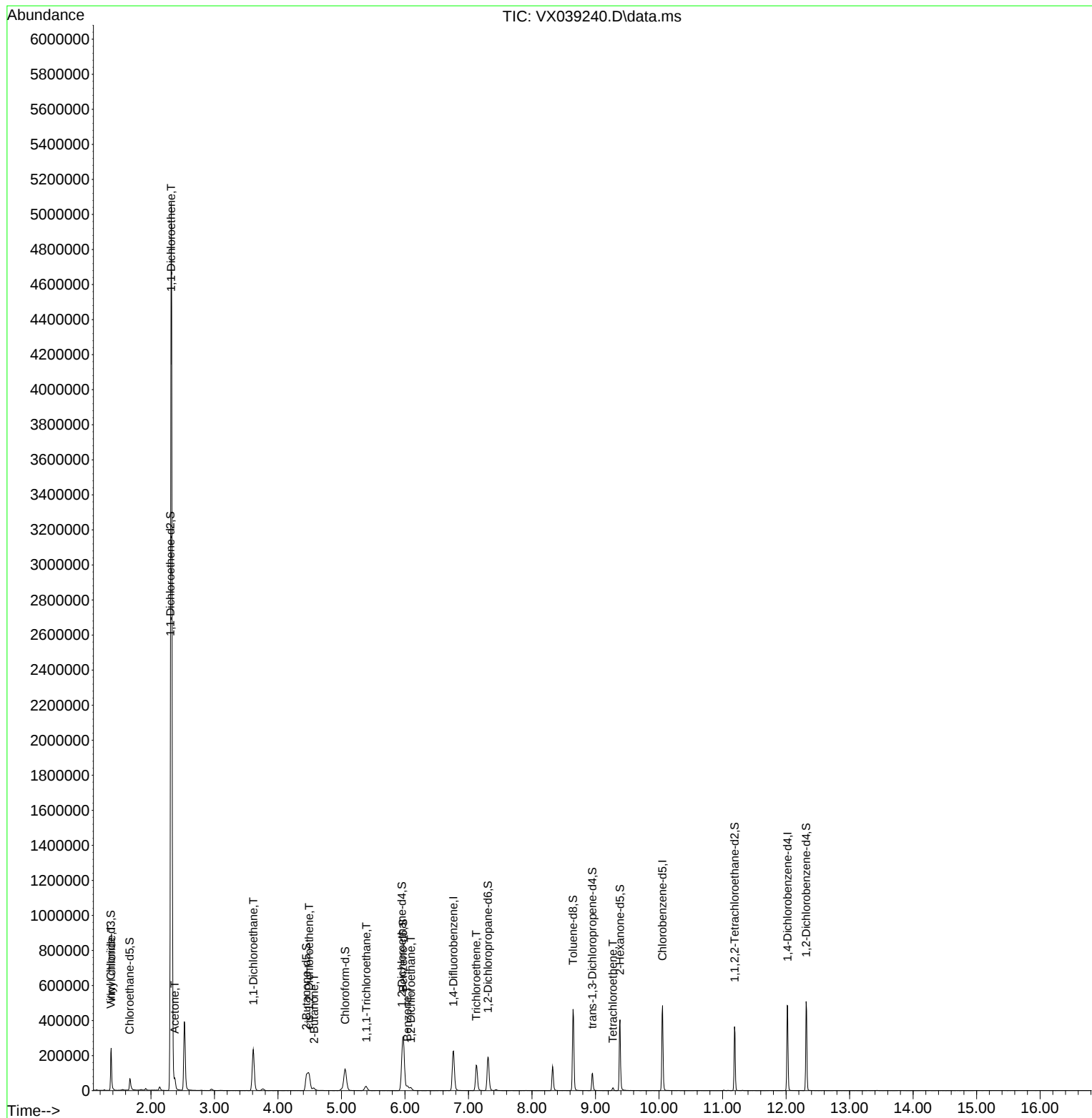
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
Data File : VX039240.D
Acq On : 15 Dec 2023 19:53
Operator : JC/MD
Sample : 05844-08
Misc : 5.0mL/MSVOA_X/WATER
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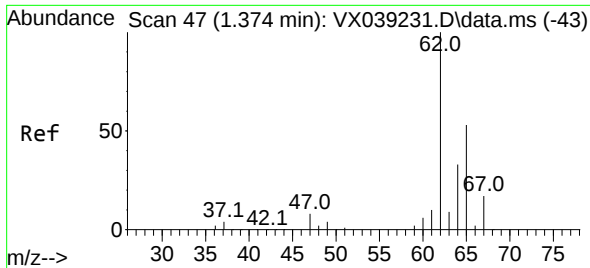
Instrument :
MSVOA_X
ClientSampleId :
YCHG4

Quant Time: Dec 16 01:52:53 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120523WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 12 03:50:51 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

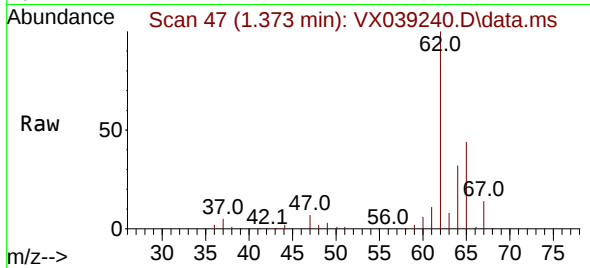
Reviewed By :Semsettin Yesilyurt 12/16/2023
Supervised By :Mahesh Dadoda 12/18/2023





#5
 Vinyl chloride
 Concen: 56.909 ug/L
 RT: 1.373 min Scan# 41
 Delta R.T. -0.001 min
 Lab File: VX039240.D
 Acq: 15 Dec 2023 19:53

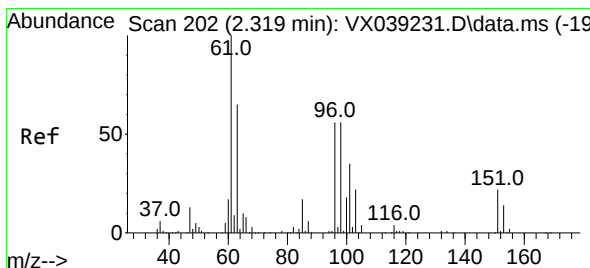
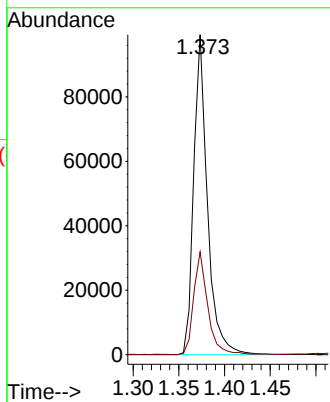
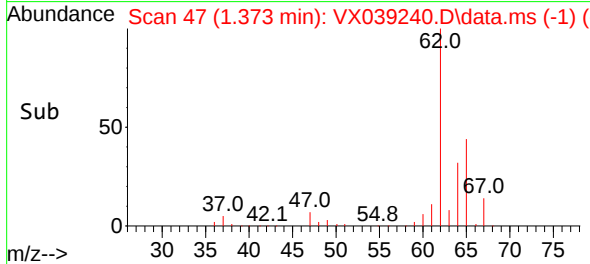
Instrument :
 MSVOA_X
 ClientSampleId :
 YCHG4



Tgt Ion: 62 Resp: 103999
 Ion Ratio Lower Upper
 62 100
 64 32.1 22.3 41.3

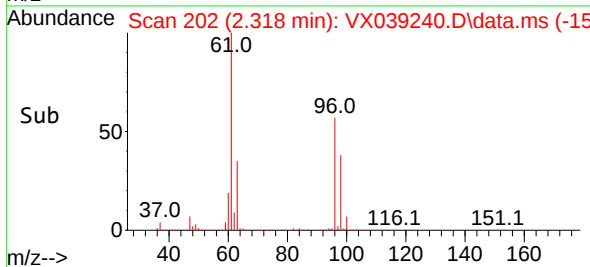
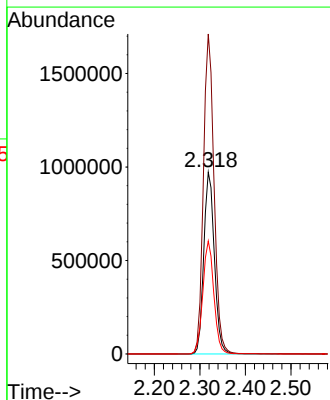
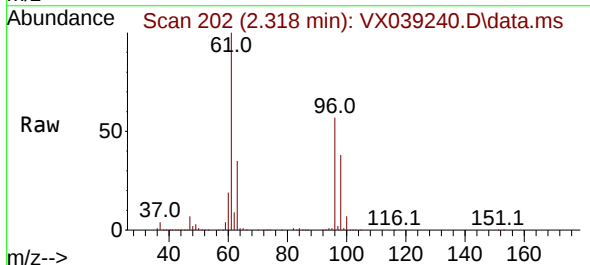
Manual Integrations
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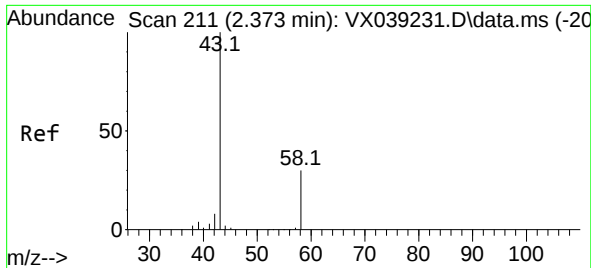
Reviewed By :Semsettin Yesilyurt 12/16/2023
 Supervised By :Mahesh Dadoda 12/18/2023



#12
 1,1-Dichloroethene
 Concen: 1100.630 ug/L m
 RT: 2.318 min Scan# 202
 Delta R.T. -0.001 min
 Lab File: VX039240.D
 Acq: 15 Dec 2023 19:53

Tgt Ion: 96 Resp: 1577244
 Ion Ratio Lower Upper
 96 100
 61 176.1 128.0 237.6
 63 62.2 101.5 188.5#





#13

Acetone

Concen: 36.434 ug/L

RT: 2.373 min Scan# 211

Delta R.T. -0.001 min

Lab File: VX039240.D

Acq: 15 Dec 2023 19:53

Instrument :

MSVOA_X

ClientSampleId :

YCHG4

Tgt Ion: 43 Resp: 55279

Ion Ratio Lower Upper

43 100

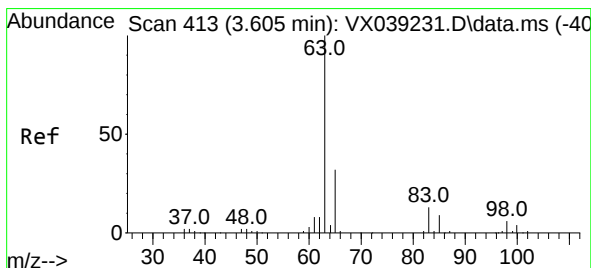
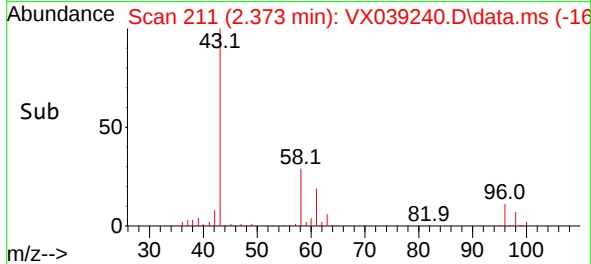
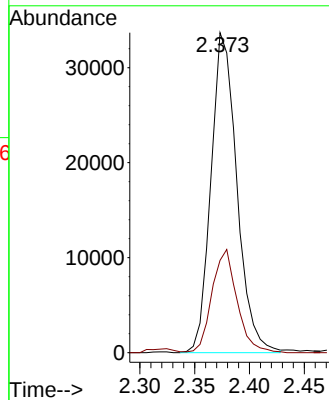
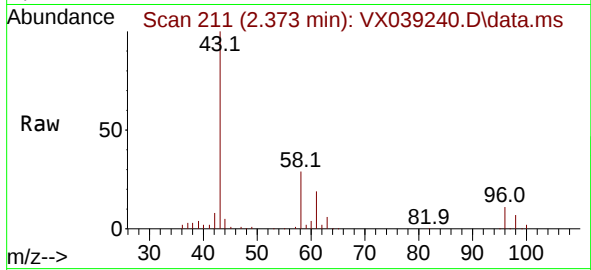
58 31.2 0.0 65.8

Manual Integrations

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Supervised By :Mahesh Dadoda 12/18/2023



#19

1,1-Dichloroethane

Concen: 86.489 ug/L

RT: 3.611 min Scan# 414

Delta R.T. 0.006 min

Lab File: VX039240.D

Acq: 15 Dec 2023 19:53

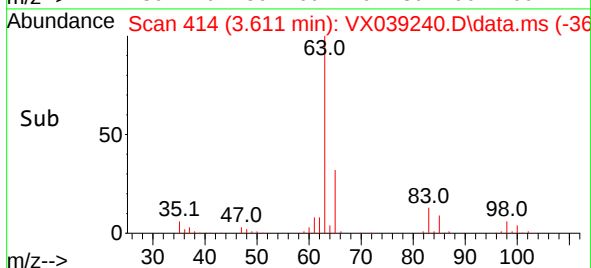
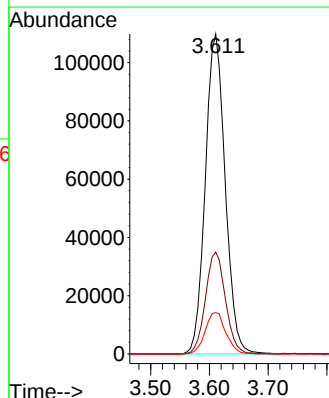
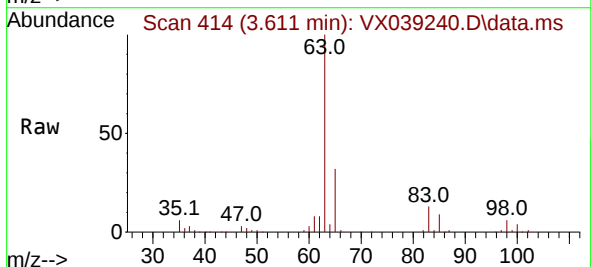
Tgt Ion: 63 Resp: 258214

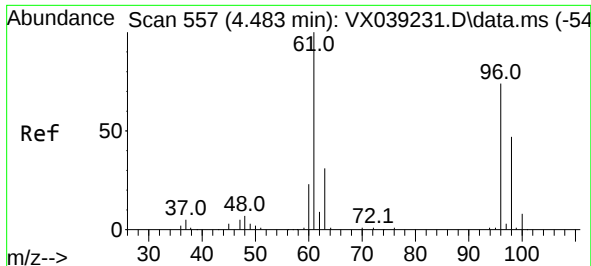
Ion Ratio Lower Upper

63 100

65 31.9 21.1 39.3

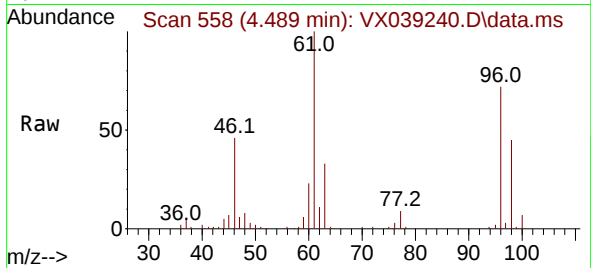
83 12.9 9.7 17.9





#20
 cis-1,2-Dichloroethene
 Concen: 27.330 ug/L
 RT: 4.489 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VX039240.D
 Acq: 15 Dec 2023 19:53

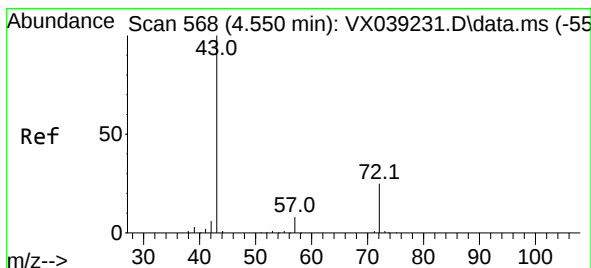
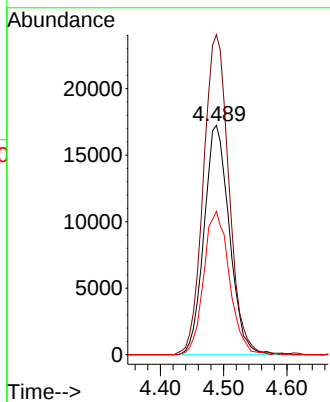
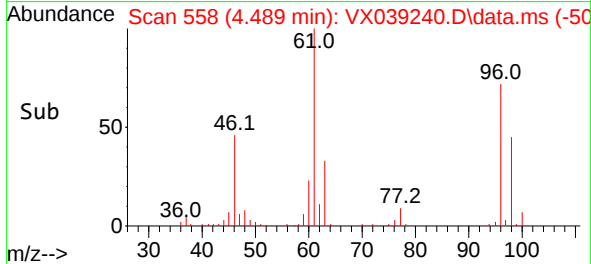
Instrument :
 MSVOA_X
 ClientSampleId :
 YCHG4



Tgt Ion: 96 Resp: 4786
 Ion Ratio Lower Upper
 96 100
 61 139.6 91.7 170.3
 98 62.5 44.2 82.2

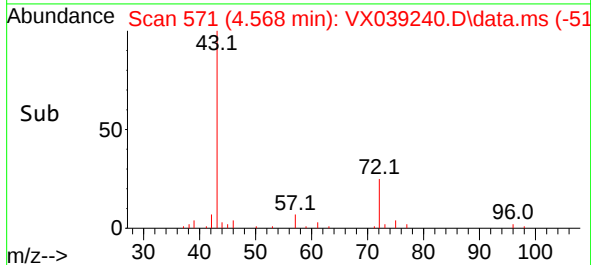
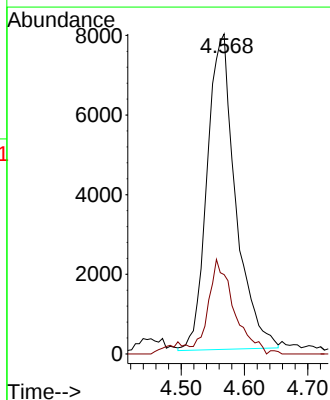
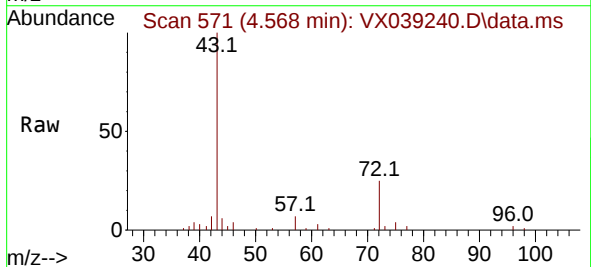
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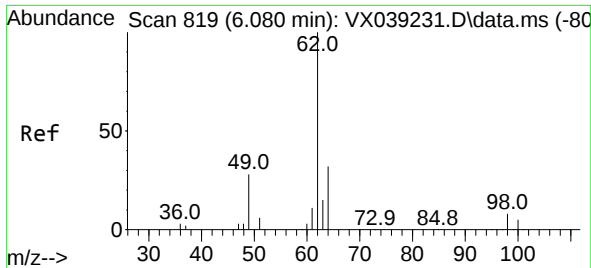
Reviewed By :Semsettin Yesilyurt 12/16/2023
 Supervised By :Mahesh Dadoda 12/18/2023



#22
 2-Butanone
 Concen: 13.291 ug/L
 RT: 4.568 min Scan# 571
 Delta R.T. 0.024 min
 Lab File: VX039240.D
 Acq: 15 Dec 2023 19:53

Tgt Ion: 43 Resp: 24749
 Ion Ratio Lower Upper
 43 100
 72 27.0 12.6 37.6





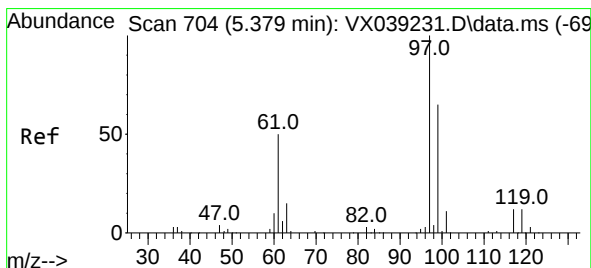
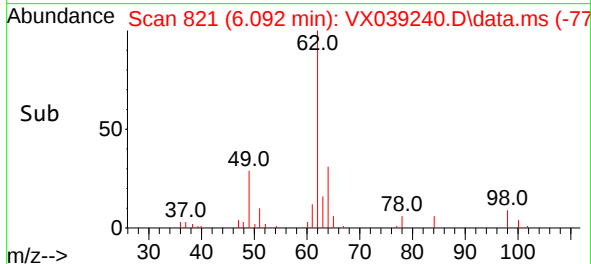
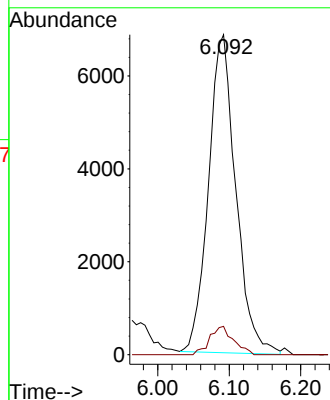
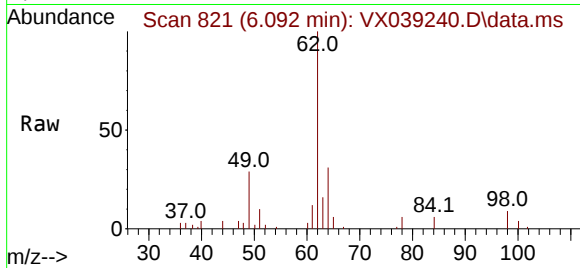
#27
1,2-Dichloroethane
Concen: 7.729 ug/L
RT: 6.092 min Scan# 819
Delta R.T. 0.012 min
Lab File: VX039240.D
Acq: 15 Dec 2023 19:53

Instrument :
MSVOA_X
ClientSampleId :
YCHG4

Tgt Ion: 62 Resp: 1816
Ion Ratio Lower Upper
62 100
98 8.9 8.0 12.0

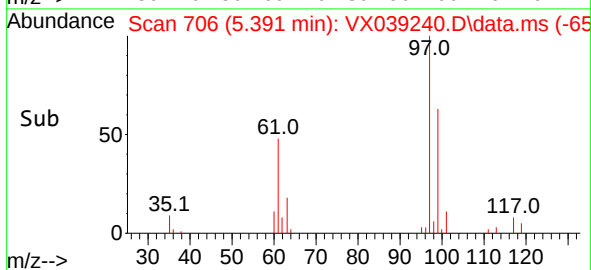
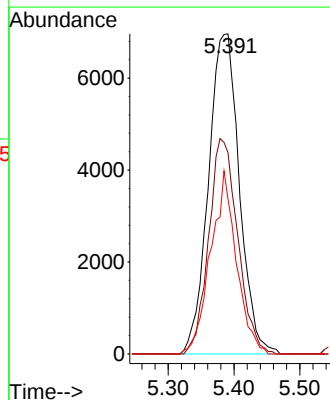
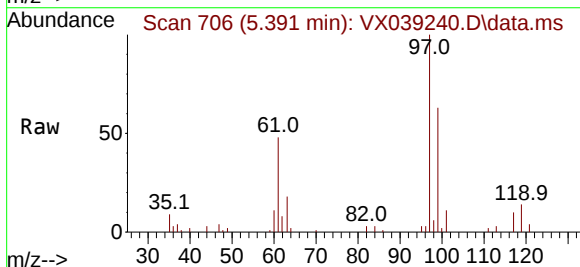
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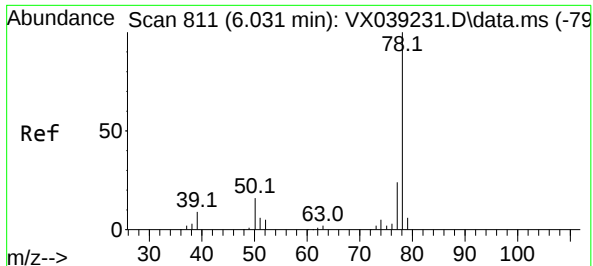
Reviewed By :Semsettin Yesilyurt 12/16/2023
Supervised By :Mahesh Dadoda 12/18/2023



#30
1,1,1-Trichloroethane
Concen: 9.172 ug/L
RT: 5.391 min Scan# 706
Delta R.T. 0.018 min
Lab File: VX039240.D
Acq: 15 Dec 2023 19:53

Tgt Ion: 97 Resp: 22778
Ion Ratio Lower Upper
97 100
99 63.2 51.0 76.4
61 47.7 36.7 55.1





#33

Benzene

Concen: 4.383 ug/L

RT: 6.037 min Scan# 811

Delta R.T. 0.006 min

Lab File: VX039240.D

Acq: 15 Dec 2023 19:53

Instrument :

MSVOA_X

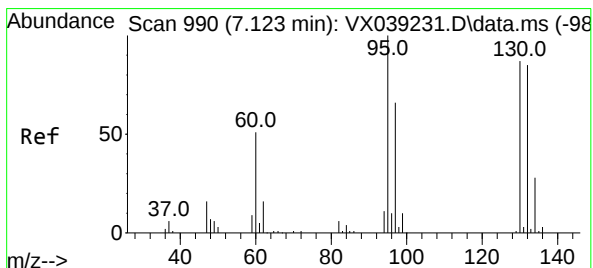
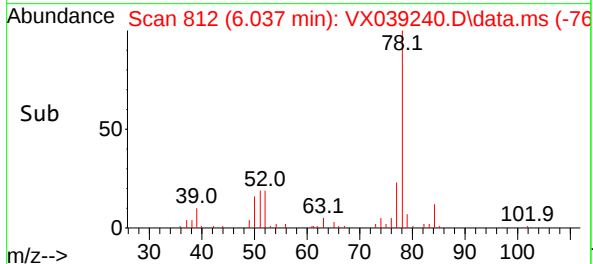
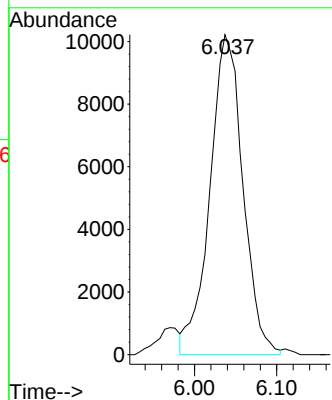
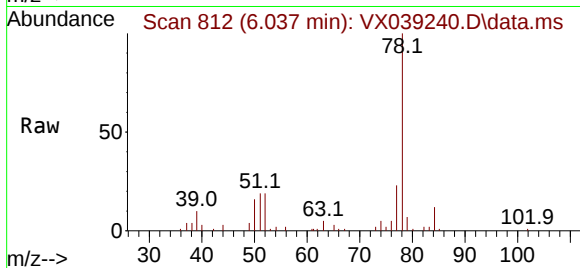
ClientSampleId :

YCHG4

Tgt Ion: 78 Resp: 2851

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 12/16/2023
Supervised By :Mahesh Dadoda 12/18/2023



#34

Trichloroethene

Concen: 33.364 ug/L

RT: 7.122 min Scan# 990

Delta R.T. 0.006 min

Lab File: VX039240.D

Acq: 15 Dec 2023 19:53

Tgt Ion: 95 Resp: 57354

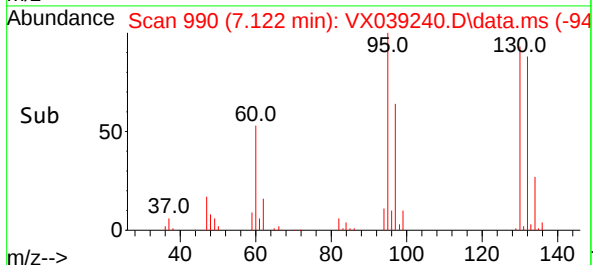
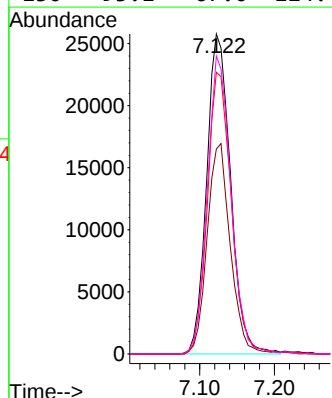
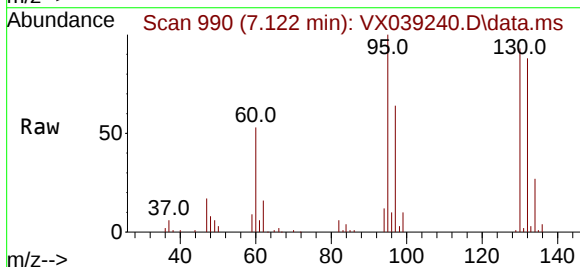
Ion Ratio Lower Upper

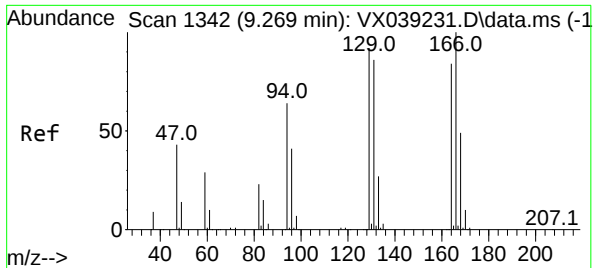
95 100

97 64.0 45.5 84.5

132 88.1 62.2 115.4

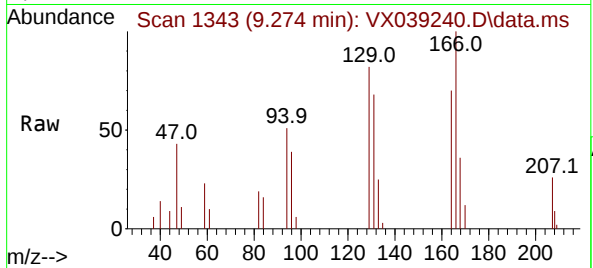
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#46
Tetrachloroethene
Concen: 2.245 ug/L
RT: 9.274 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX039240.D
Acq: 15 Dec 2023 19:53

Instrument :
MSVOA_X
ClientSampleId :
YCHG4



Tgt Ion:	164	Resp:	2540
Ion	Ratio	Lower	Upper
164	100		
129	117.2	71.9	133.5
131	96.8	69.5	129.1
166	142.2	90.3	167.7

Manual Integrations
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