

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039257.D
 Acq On : 16 Dec 2023 02:23
 Operator : JC/MD
 Sample : 05845-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 YCHD8

Quant Time: Dec 16 04:21:09 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

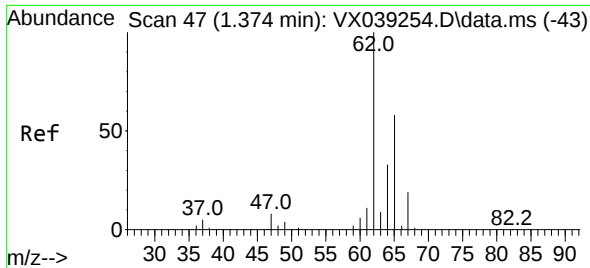
Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	231474	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	219093	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	100023	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	61367	33.801	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	67.600%		
7) Chloroethane-d5	1.672	69	48999	36.513	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	73.020%		
11) 1,1-Dichloroethene-d2	2.306	65	33523	42.064	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.120%		
21) 2-Butanone-d5	4.446	46	150526	91.592	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	91.590%		
24) Chloroform-d	5.056	84	140714	43.782	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.560%		
26) 1,2-Dichloroethane-d4	5.952	65	101288	48.662	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.320%		
32) Benzene-d6	5.970	84	280935	41.548	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.100%		
36) 1,2-Dichloropropane-d6	7.306	67	92398	42.462	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	84.920%		
41) Toluene-d8	8.647	98	249999	40.799	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	81.600%		
43) trans-1,3-Dichloroprop...	8.952	79	42291	38.191	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	76.380%		
47) 2-Hexanone-d5	9.384	63	106808	82.181	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	82.180%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	136099	44.089	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	88.180%		
66) 1,2-Dichlorobenzene-d4	12.317	152	88623	46.875	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.760%		
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	2666	1.402	ug/L #	54
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	7666	4.836	ug/L #	82
12) 1,1-Dichloroethene	2.319	96	378423	253.774	ug/L #	72
13) Acetone	2.374	43	222907	141.187	ug/L	96
18) Methyl tert-butyl Ether	3.111	73	11898	2.176	ug/L	97
19) 1,1-Dichloroethane	3.611	63	64068	20.623	ug/L	98
20) cis-1,2-Dichloroethene	4.495	96	3730m	2.047	ug/L	
22) 2-Butanone	4.568	43	16944	8.745	ug/L	98
27) 1,2-Dichloroethane	6.086	62	28544	11.671	ug/L #	92
30) 1,1,1-Trichloroethane	5.379	97	93961	35.346	ug/L	97

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



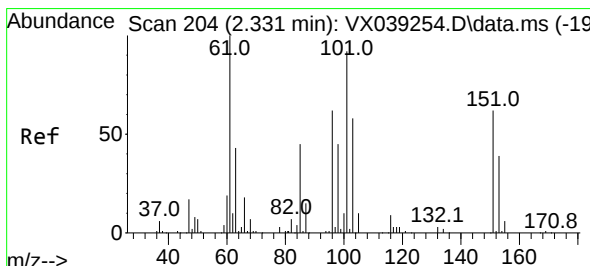
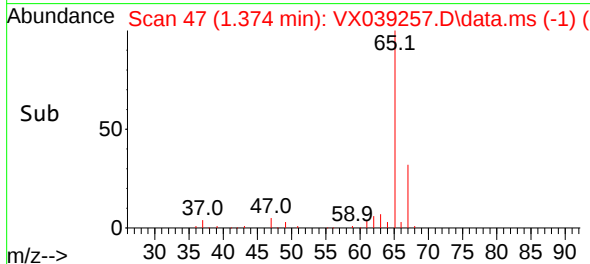
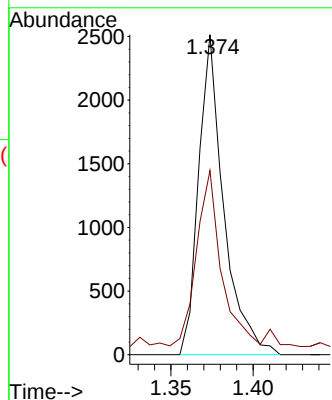
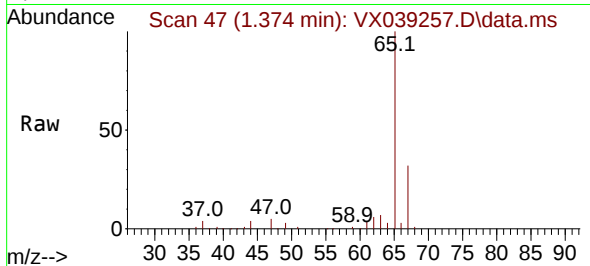
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 Vinyl chloride
 Concen: 1.402 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX039257.D
 Acq: 16 Dec 2023 02:23

Instrument :
 MSVOA_X
 ClientSampleId :
 YCHD8

Tgt Ion: 62 Resp: 2660
 Ion Ratio Lower Upper
 62 100
 64 57.6 22.3 41.3

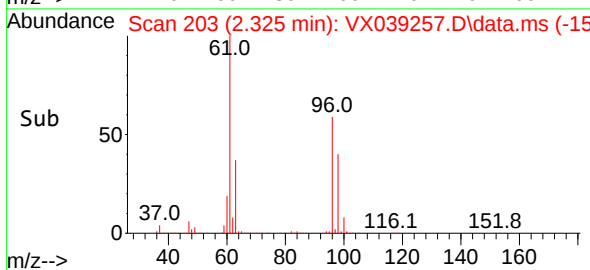
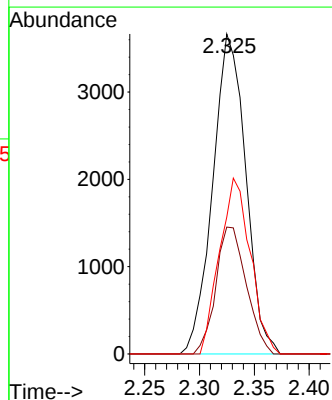
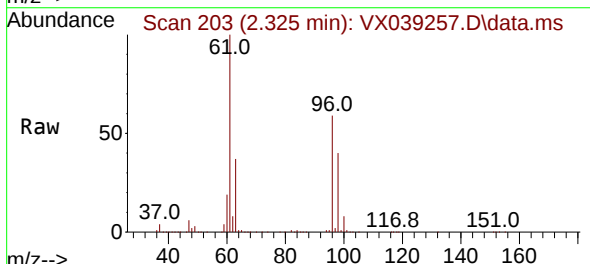
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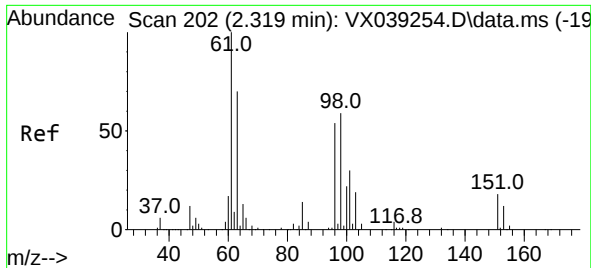
Reviewed By :Semsettin Yesilyurt 12/16/2023
 Supervised By :Mahesh Dadoda 12/18/2023



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.836 ug/L
 RT: 2.325 min Scan# 203
 Delta R.T. -0.006 min
 Lab File: VX039257.D
 Acq: 16 Dec 2023 02:23

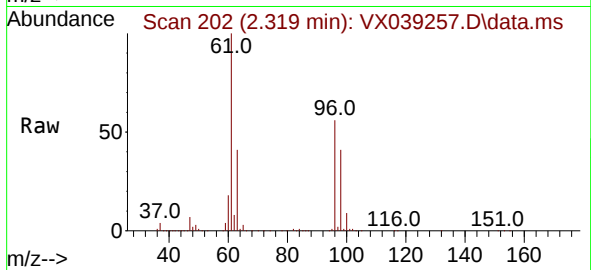
Tgt Ion:101 Resp: 7666
 Ion Ratio Lower Upper
 101 100
 85 36.6 35.8 53.6
 151 51.4 55.4 83.2





#12
1,1-Dichloroethene
Concen: 253.774 ug/L
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX039257.D
Acq: 16 Dec 2023 02:23

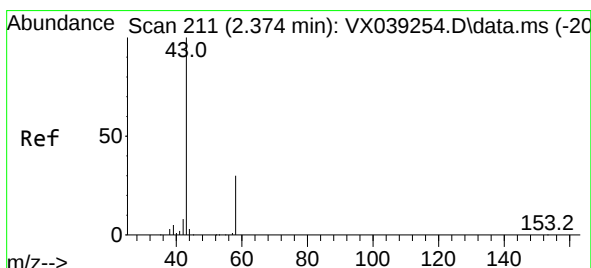
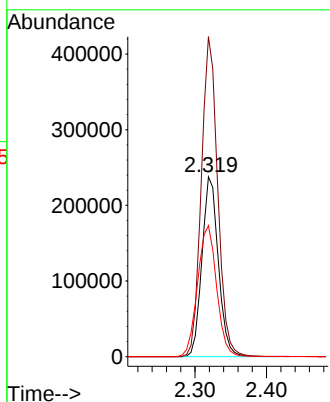
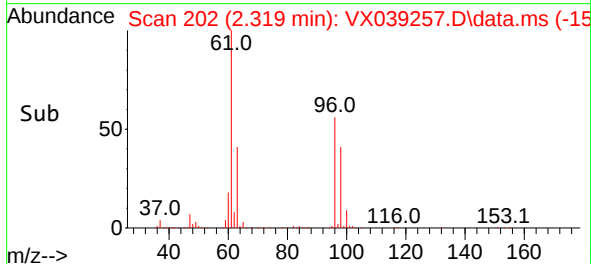
Instrument :
MSVOA_X
ClientSampleId :
YCHD8



Tgt Ion: 96 Resp: 378423
Ion Ratio Lower Upper
96 100
61 177.9 128.0 237.6
63 72.8 101.5 188.5

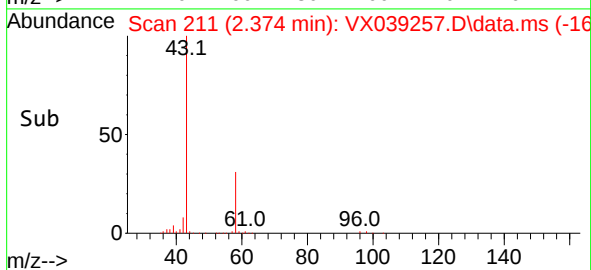
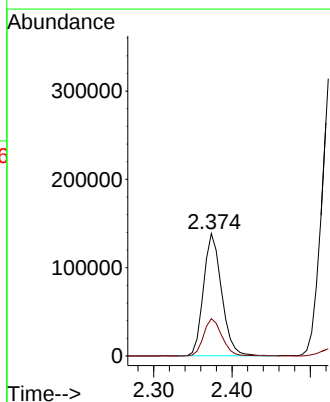
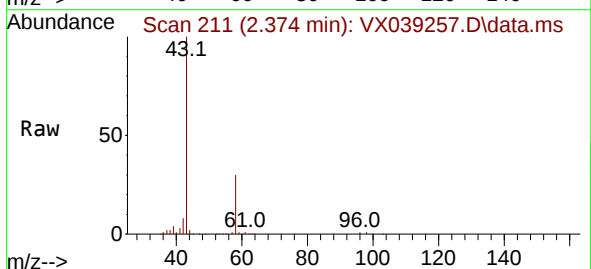
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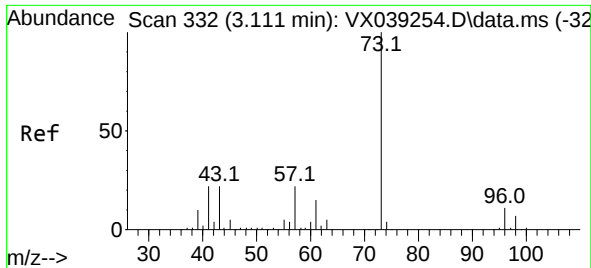
Reviewed By :Semsettin Yesilyurt 12/16/2023
Supervised By :Mahesh Dadoda 12/18/2023



#13
Acetone
Concen: 141.187 ug/L
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX039257.D
Acq: 16 Dec 2023 02:23

Tgt Ion: 43 Resp: 222907
Ion Ratio Lower Upper
43 100
58 30.7 0.0 65.8





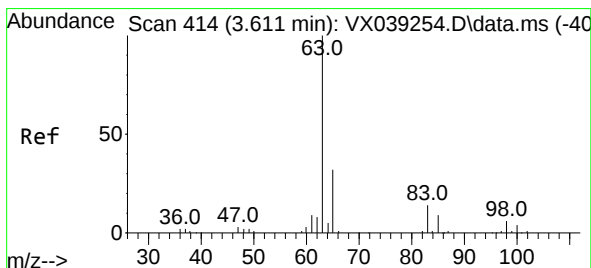
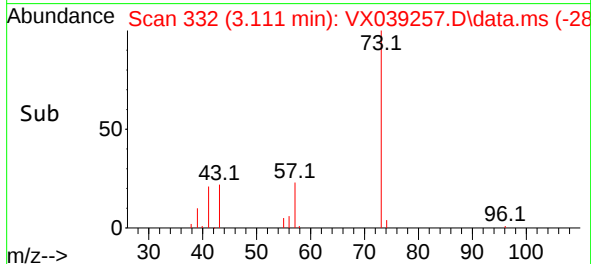
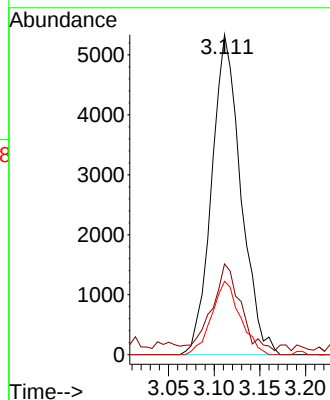
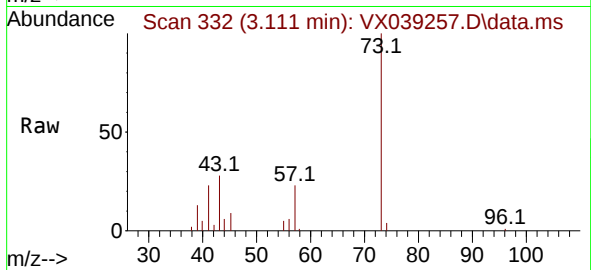
#18
Methyl tert-butyl Ether
Concen: 2.176 ug/L
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX039257.D
Acq: 16 Dec 2023 02:23

Instrument :
MSVOA_X
ClientSampleId :
YCHD8

Tgt Ion: 73 Resp: 1189
Ion Ratio Lower Upper
73 100
43 22.9 16.9 25.3
57 22.3 18.5 27.7

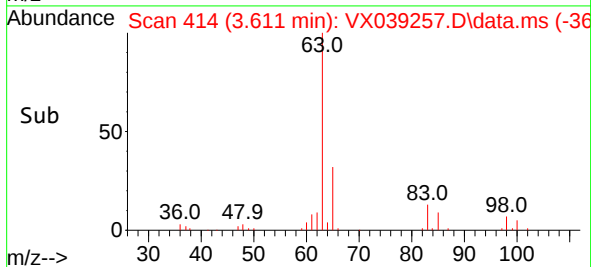
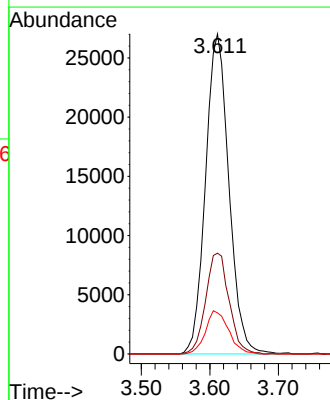
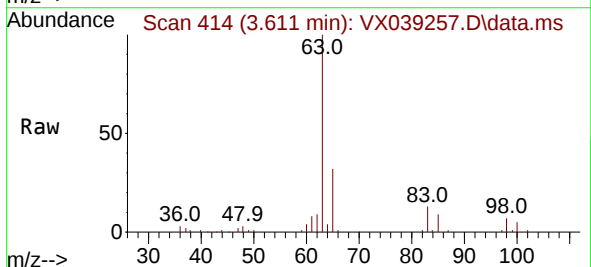
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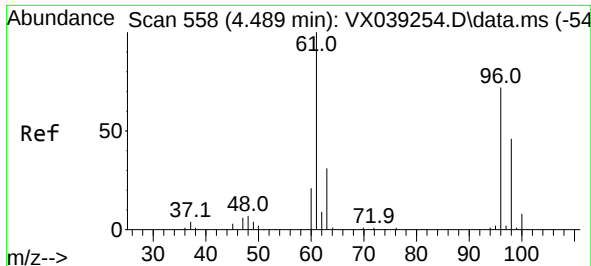
Reviewed By :Semsettin Yesilyurt 12/16/2023
Supervised By :Mahesh Dadoda 12/18/2023



#19
1,1-Dichloroethane
Concen: 20.623 ug/L
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX039257.D
Acq: 16 Dec 2023 02:23

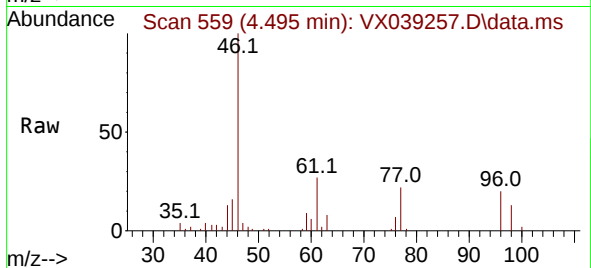
Tgt Ion: 63 Resp: 64068
Ion Ratio Lower Upper
63 100
65 31.5 21.1 39.3
83 12.9 9.7 17.9





#20
 cis-1,2-Dichloroethene
 Concen: 2.047 ug/L m
 RT: 4.495 min Scan# 51
 Delta R.T. 0.012 min
 Lab File: VX039257.D
 Acq: 16 Dec 2023 02:23

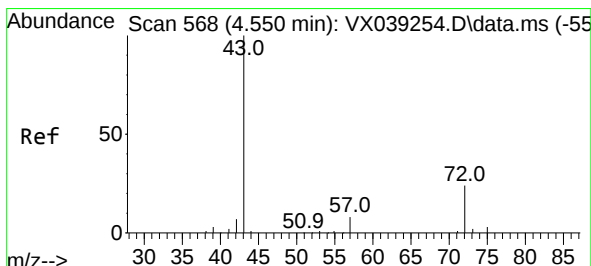
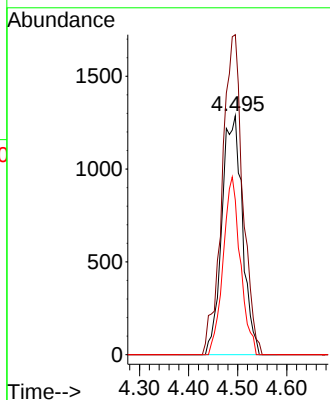
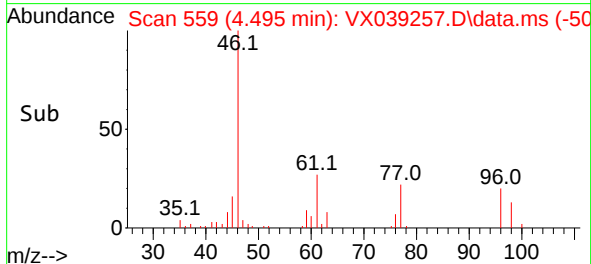
Instrument :
 MSVOA_X
 ClientSampleId :
 YCHD8



Tgt Ion: 96 Resp: 3730
 Ion Ratio Lower Upper
 96 100
 61 134.0 91.7 170.3
 98 64.6 44.2 82.2

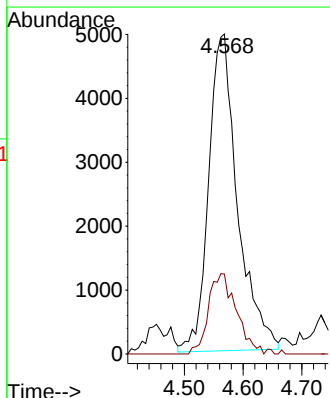
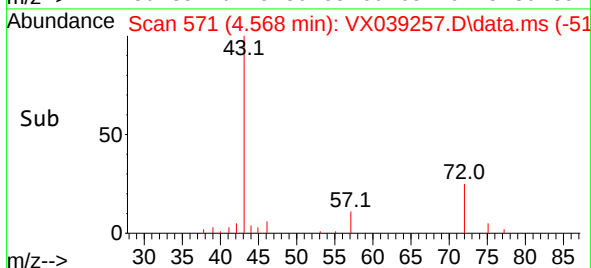
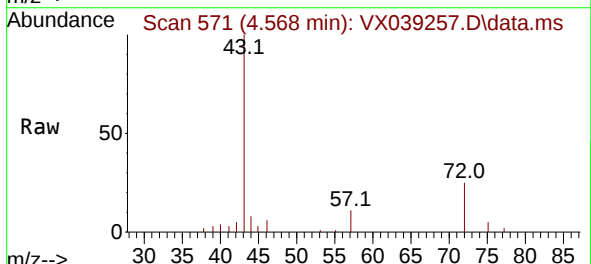
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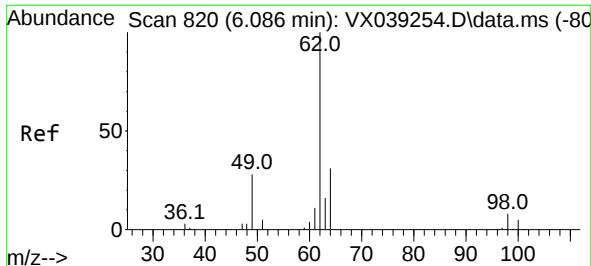
Reviewed By :Semsettin Yesilyurt 12/16/2023
 Supervised By :Mahesh Dadoda 12/18/2023



#22
 2-Butanone
 Concen: 8.745 ug/L
 RT: 4.568 min Scan# 571
 Delta R.T. 0.024 min
 Lab File: VX039257.D
 Acq: 16 Dec 2023 02:23

Tgt Ion: 43 Resp: 16944
 Ion Ratio Lower Upper
 43 100
 72 24.2 12.6 37.6





#27

1,2-Dichloroethane

Concen: 11.671 ug/L

RT: 6.086 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX039257.D

Acq: 16 Dec 2023 02:23

Instrument :

MSVOA_X

ClientSampleId :

YCHD8

Tgt Ion: 62 Resp: 28544

Ion Ratio Lower Upper

62 100

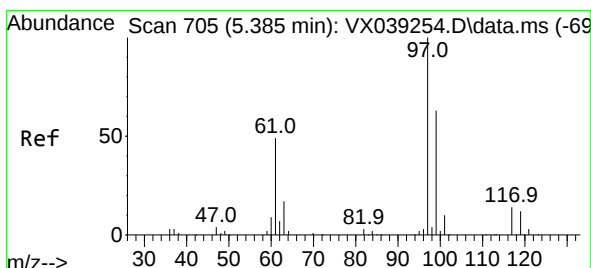
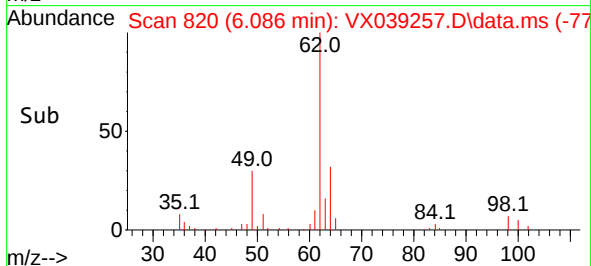
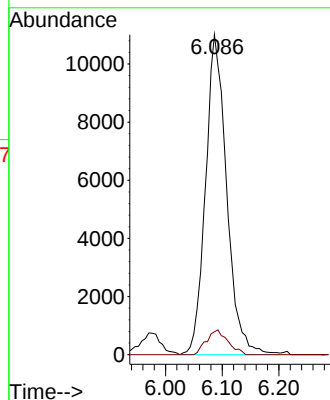
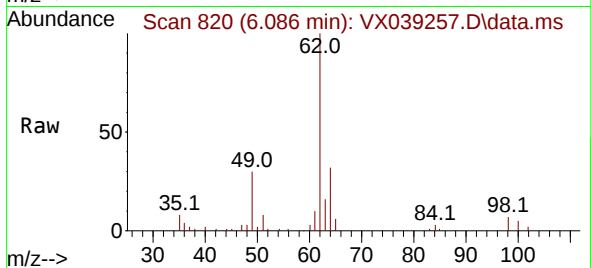
98 7.1 8.0 12.0

Manual Integrations

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Supervised By :Mahesh Dadoda 12/18/2023



#30

1,1,1-Trichloroethane

Concen: 35.346 ug/L

RT: 5.379 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX039257.D

Acq: 16 Dec 2023 02:23

Tgt Ion: 97 Resp: 93961

Ion Ratio Lower Upper

97 100

99 65.1 51.0 76.4

61 49.4 36.7 55.1

