

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039256.D
 Acq On : 16 Dec 2023 02:00
 Operator : JC/MD
 Sample : 05845-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 YCHD7

Quant Time: Dec 16 04:20:57 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

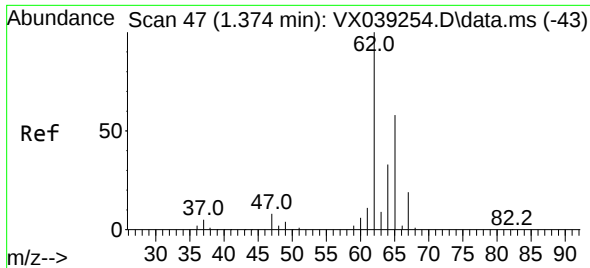
Manual Integrations APPROVED

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	6.757	114	223995	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	207240	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	96051	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	60200	34.265	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	68.520%		
7) Chloroethane-d5	1.666	69	47468	36.553	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	73.100%		
11) 1,1-Dichloroethene-d2	2.307	65	31987	41.476	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.960%		
21) 2-Butanone-d5	4.446	46	144319	90.747	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	90.750%		
24) Chloroform-d	5.056	84	138437	44.512	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.020%		
26) 1,2-Dichloroethane-d4	5.952	65	95960	47.642	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.280%		
32) Benzene-d6	5.970	84	275329	43.048	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.100%		
36) 1,2-Dichloropropane-d6	7.306	67	91640	44.522	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	89.040%		
41) Toluene-d8	8.647	98	247796	42.752	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.500%		
43) trans-1,3-Dichloroprop...	8.952	79	40872	39.021	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	78.040%		
47) 2-Hexanone-d5	9.384	63	104540	85.036	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	85.040%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	131187	44.929	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.860%		
66) 1,2-Dichlorobenzene-d4	12.317	152	85380	47.027	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.060%		
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	2341	1.272	ug/L #	63
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	7283	4.747	ug/L #	84
12) 1,1-Dichloroethene	2.319	96	375455	260.190	ug/L #	73
13) Acetone	2.374	43	44345	29.026	ug/L	95
18) Methyl tert-butyl Ether	3.117	73	10592	2.001	ug/L	96
19) 1,1-Dichloroethane	3.611	63	43627	14.512	ug/L	93
20) cis-1,2-Dichloroethene	4.477	96	4444m	2.520	ug/L	
22) 2-Butanone	4.556	43	29762	15.873	ug/L	98
27) 1,2-Dichloroethane	6.086	62	29185	12.332	ug/L #	91
30) 1,1,1-Trichloroethane	5.385	97	102968	40.950	ug/L	97

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



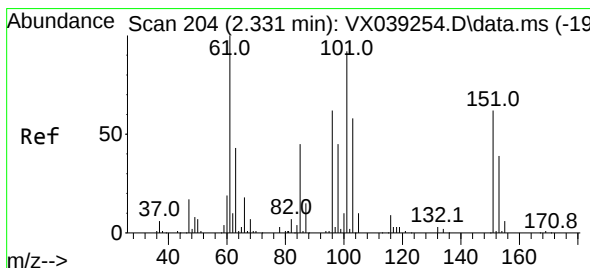
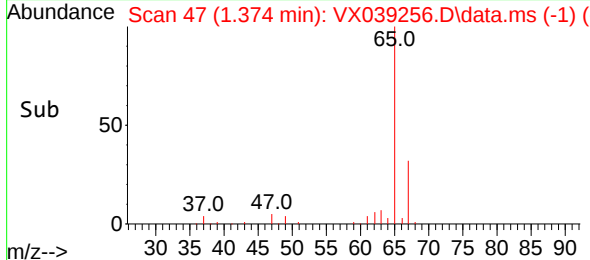
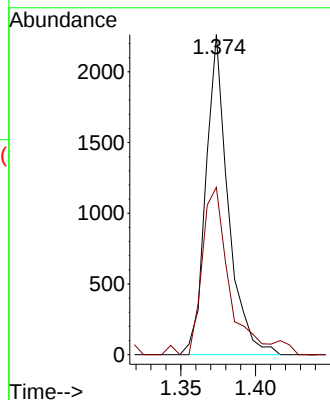
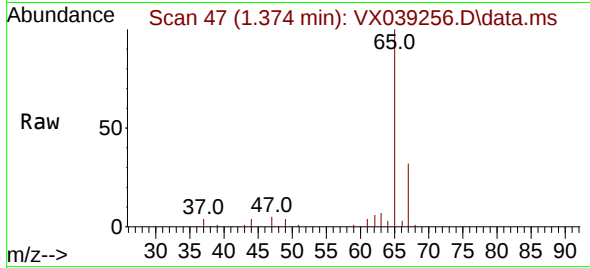
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 Vinyl chloride
 Concen: 1.272 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX039256.D
 Acq: 16 Dec 2023 02:00

Instrument :
 MSVOA_X
 ClientSampleId :
 YCHD7

Tgt Ion: 62 Resp: 234
 Ion Ratio Lower Upper
 62 100
 64 52.3 22.3 41.3

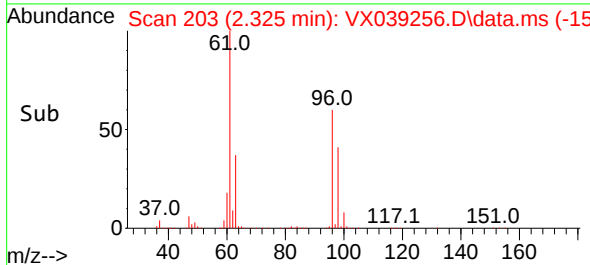
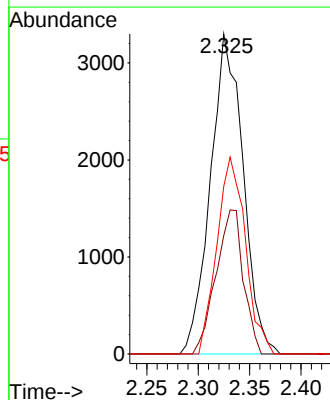
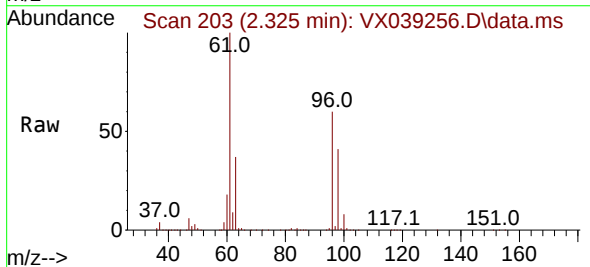
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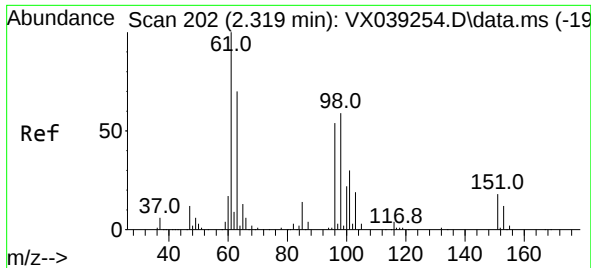
Reviewed By :Semsettin Yesilyurt 12/16/2023
 Supervised By :Mahesh Dadoda 12/18/2023



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.747 ug/L
 RT: 2.325 min Scan# 203
 Delta R.T. -0.006 min
 Lab File: VX039256.D
 Acq: 16 Dec 2023 02:00

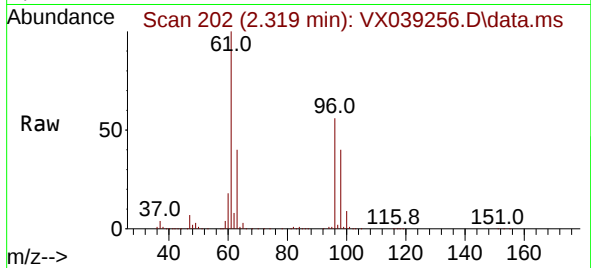
Tgt Ion:101 Resp: 7283
 Ion Ratio Lower Upper
 101 100
 85 37.8 35.8 53.6
 151 53.9 55.4 83.2





#12
1,1-Dichloroethene
Concen: 260.190 ug/L
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX039256.D
Acq: 16 Dec 2023 02:00

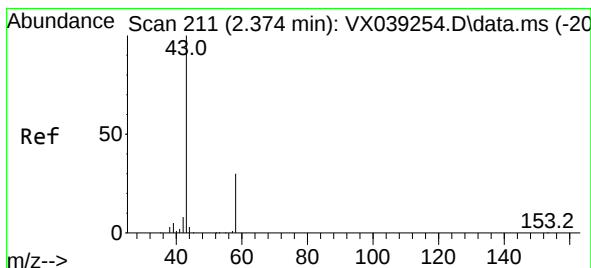
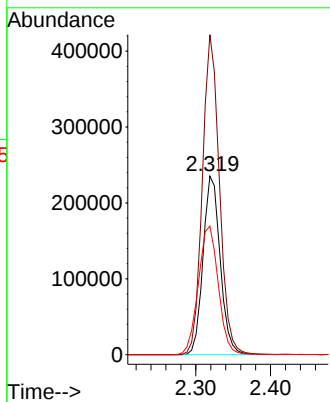
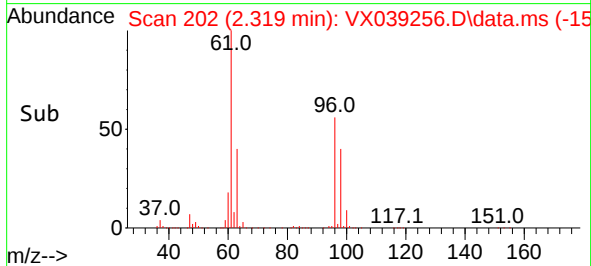
Instrument :
MSVOA_X
ClientSampleId :
YCHD7



Tgt Ion: 96 Resp: 37545
Ion Ratio Lower Upper
96 100
61 179.1 128.0 237.6
63 71.9 101.5 188.5

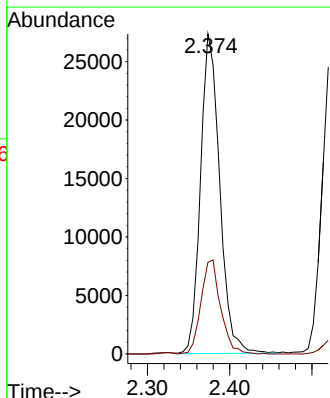
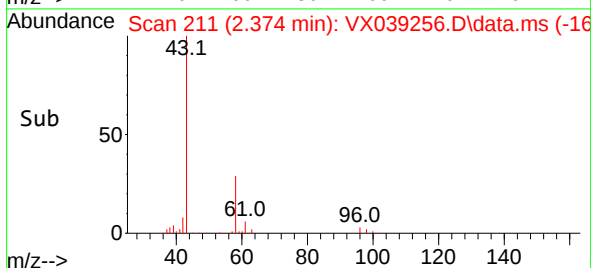
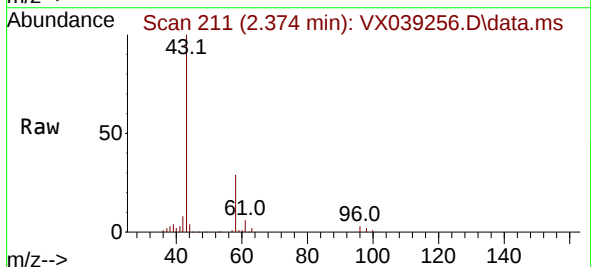
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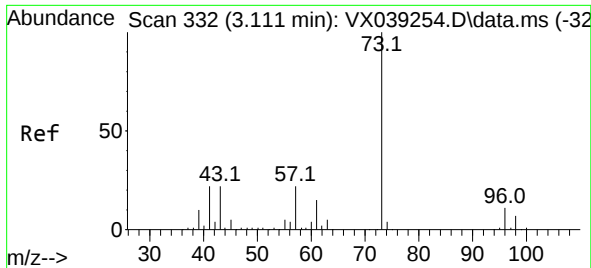
Reviewed By :Semsettin Yesilyurt 12/16/2023
Supervised By :Mahesh Dadoda 12/18/2023



#13
Acetone
Concen: 29.026 ug/L
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX039256.D
Acq: 16 Dec 2023 02:00

Tgt Ion: 43 Resp: 44345
Ion Ratio Lower Upper
43 100
58 30.0 0.0 65.8





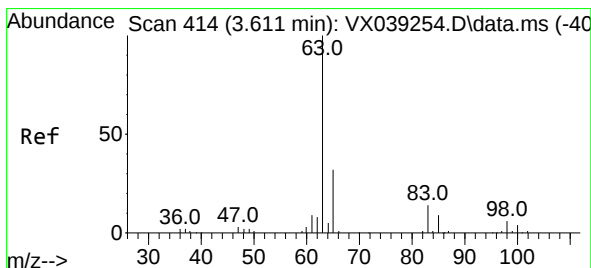
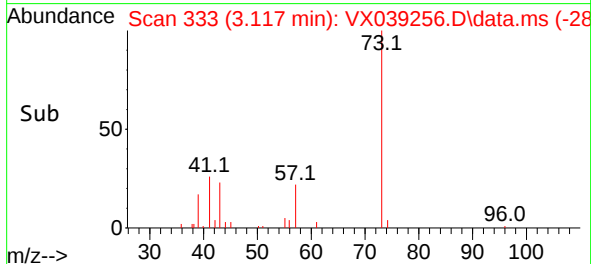
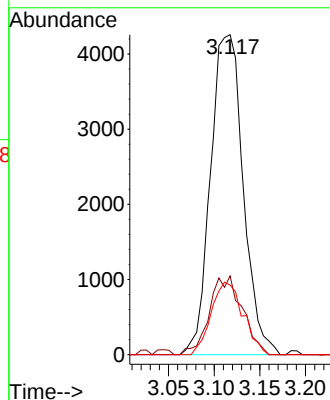
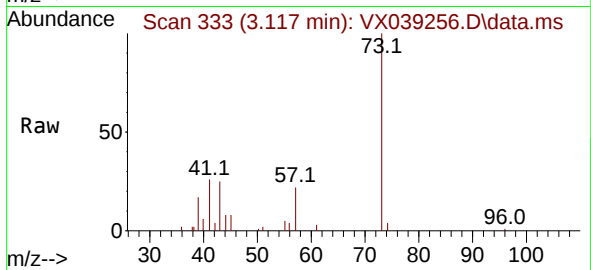
#18
Methyl tert-butyl Ether
Concen: 2.001 ug/L
RT: 3.117 min Scan# 311
Delta R.T. 0.012 min
Lab File: VX039256.D
Acq: 16 Dec 2023 02:00

Instrument :
MSVOA_X
ClientSampleId :
YCHD7

Tgt Ion: 73 Resp: 10592
Ion Ratio Lower Upper
73 100
43 24.2 16.9 25.3
57 22.1 18.5 27.7

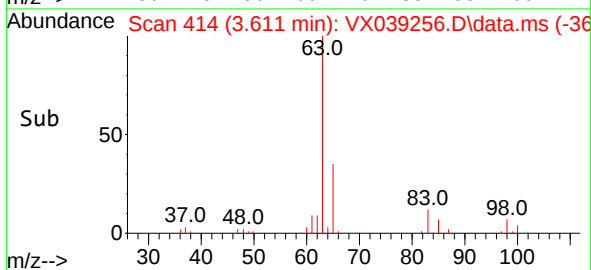
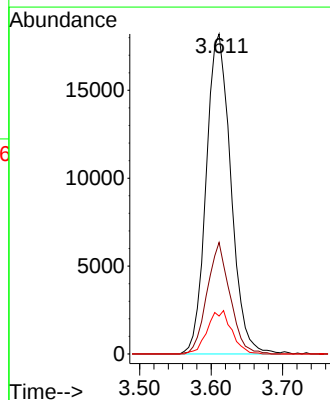
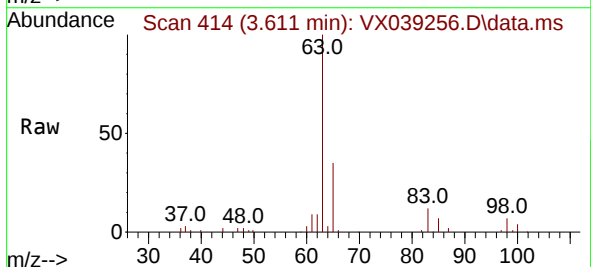
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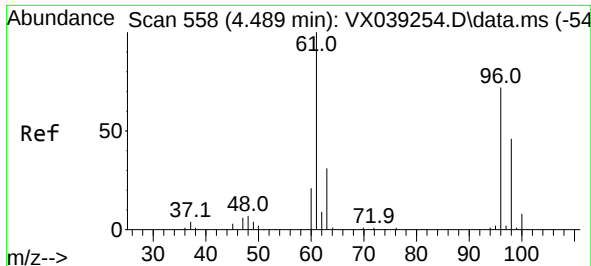
Reviewed By :Semsettin Yesilyurt 12/16/2023
Supervised By :Mahesh Dadoda 12/18/2023



#19
1,1-Dichloroethane
Concen: 14.512 ug/L
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX039256.D
Acq: 16 Dec 2023 02:00

Tgt Ion: 63 Resp: 43627
Ion Ratio Lower Upper
63 100
65 34.8 21.1 39.3
83 11.9 9.7 17.9





#20

cis-1,2-Dichloroethene

Concen: 2.520 ug/L m

RT: 4.477 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX039256.D

Acq: 16 Dec 2023 02:00

Instrument :

MSVOA_X

ClientSampleId :

YCHD7

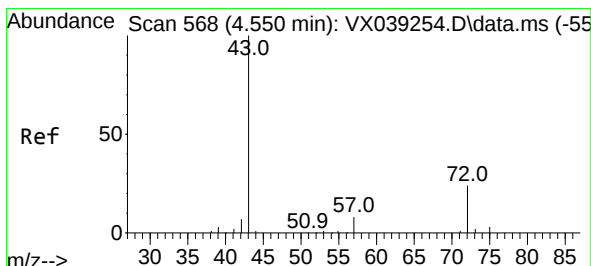
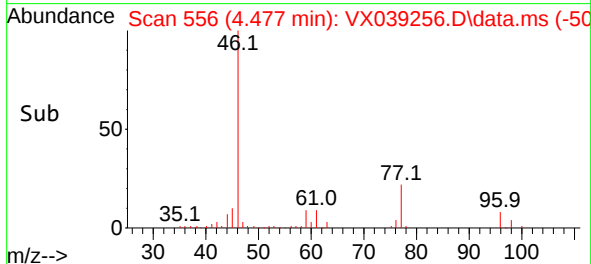
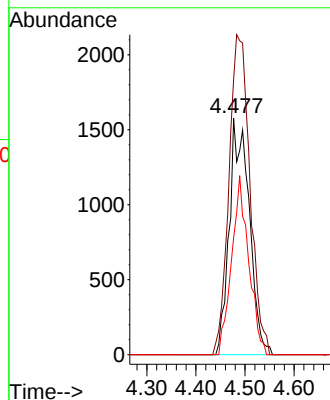
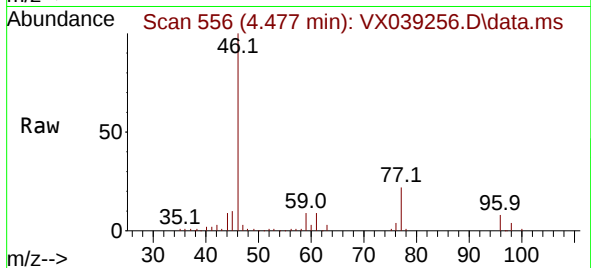
Tgt Ion: 96 Resp: 444

Ion	Ratio	Lower	Upper
96	100		
61	116.6	91.7	170.3
98	49.6	44.2	82.2

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#22

2-Butanone

Concen: 15.873 ug/L

RT: 4.556 min Scan# 569

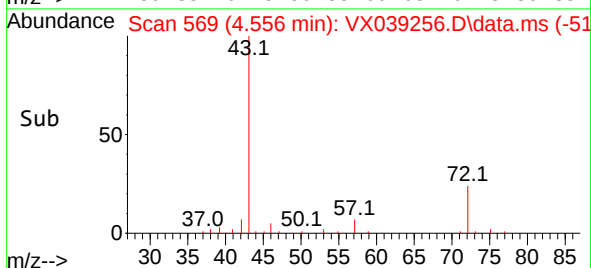
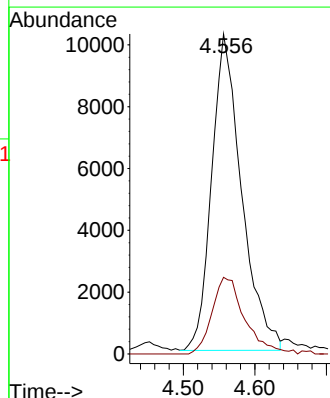
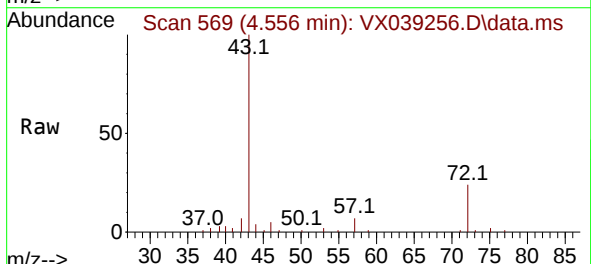
Delta R.T. 0.012 min

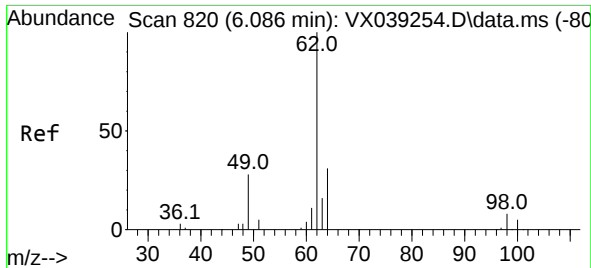
Lab File: VX039256.D

Acq: 16 Dec 2023 02:00

Tgt Ion: 43 Resp: 29762

Ion	Ratio	Lower	Upper
43	100		
72	26.3	12.6	37.6





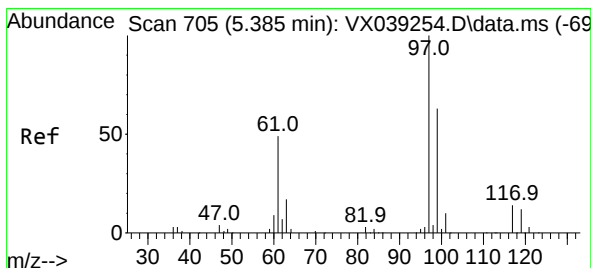
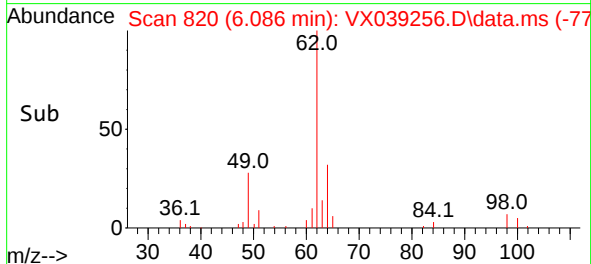
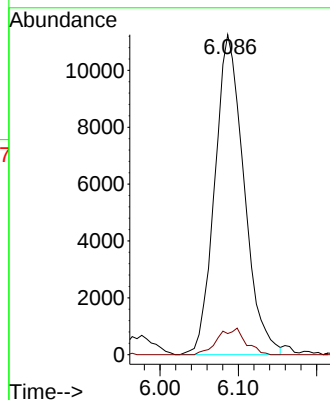
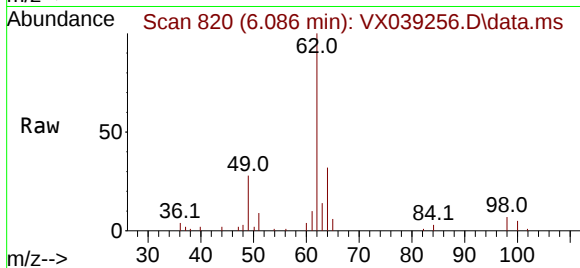
#27
1,2-Dichloroethane
Concen: 12.332 ug/L
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX039256.D
Acq: 16 Dec 2023 02:00

Instrument :
MSVOA_X
ClientSampleId :
YCHD7

Tgt Ion: 62 Resp: 2918
Ion Ratio Lower Upper
62 100
98 6.6 8.0 12.0

Manual Integrations
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Supervised By :Mahesh Dadoda 12/18/2023



#30
1,1,1-Trichloroethane
Concen: 40.950 ug/L
RT: 5.385 min Scan# 705
Delta R.T. 0.012 min
Lab File: VX039256.D
Acq: 16 Dec 2023 02:00

Tgt Ion: 97 Resp: 102968
Ion Ratio Lower Upper
97 100
99 64.8 51.0 76.4
61 48.7 36.7 55.1

