

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039264.D
 Acq On : 16 Dec 2023 05:03
 Operator : JC/MD
 Sample : 05845-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 YCHE5

Quant Time: Dec 16 20:15:27 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 :Mahesh Dadoda 12/18/2023
 Supervised By :Semsettin Yesilyurt 12/18/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	244009	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	225220	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	103033	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	61108	31.929	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	63.860%		
7) Chloroethane-d5	1.672	69	50127	35.435	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	70.860%		
11) 1,1-Dichloroethene-d2	2.306	65	32952	39.223	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	78.440%		
21) 2-Butanone-d5	4.446	46	147418	85.093	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	85.090%		
24) Chloroform-d	5.056	84	144616	42.685	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.360%		
26) 1,2-Dichloroethane-d4	5.952	65	100215	45.673	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.340%		
32) Benzene-d6	5.976	84	288661	41.530	ug/L	0.01
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.060%		
36) 1,2-Dichloropropane-d6	7.305	67	95323	42.614	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	85.220%		
41) Toluene-d8	8.646	98	259111	41.135	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	82.280%		
43) trans-1,3-Dichloroprop...	8.951	79	43294	38.033	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	76.060%		
47) 2-Hexanone-d5	9.384	63	104371	78.121	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	78.120%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	137194	43.235	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	86.460%		
66) 1,2-Dichlorobenzene-d4	12.316	152	89633	46.024	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.040%		
Target Compounds						
5) Vinyl chloride	1.373	62	21821	10.886	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.324	101	4157	2.488	ug/L #	73
12) 1,1-Dichloroethene	2.318	96	159980m	101.773	ug/L	
13) Acetone	2.373	43	86904	52.217	ug/L	96
19) 1,1-Dichloroethane	3.611	63	15199	4.641	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	16490	8.584	ug/L	91
22) 2-Butanone	4.550	43	60986	29.858	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	20144	7.372	ug/L	96
34) Trichloroethene	7.128	95	11665	6.167	ug/L	92

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

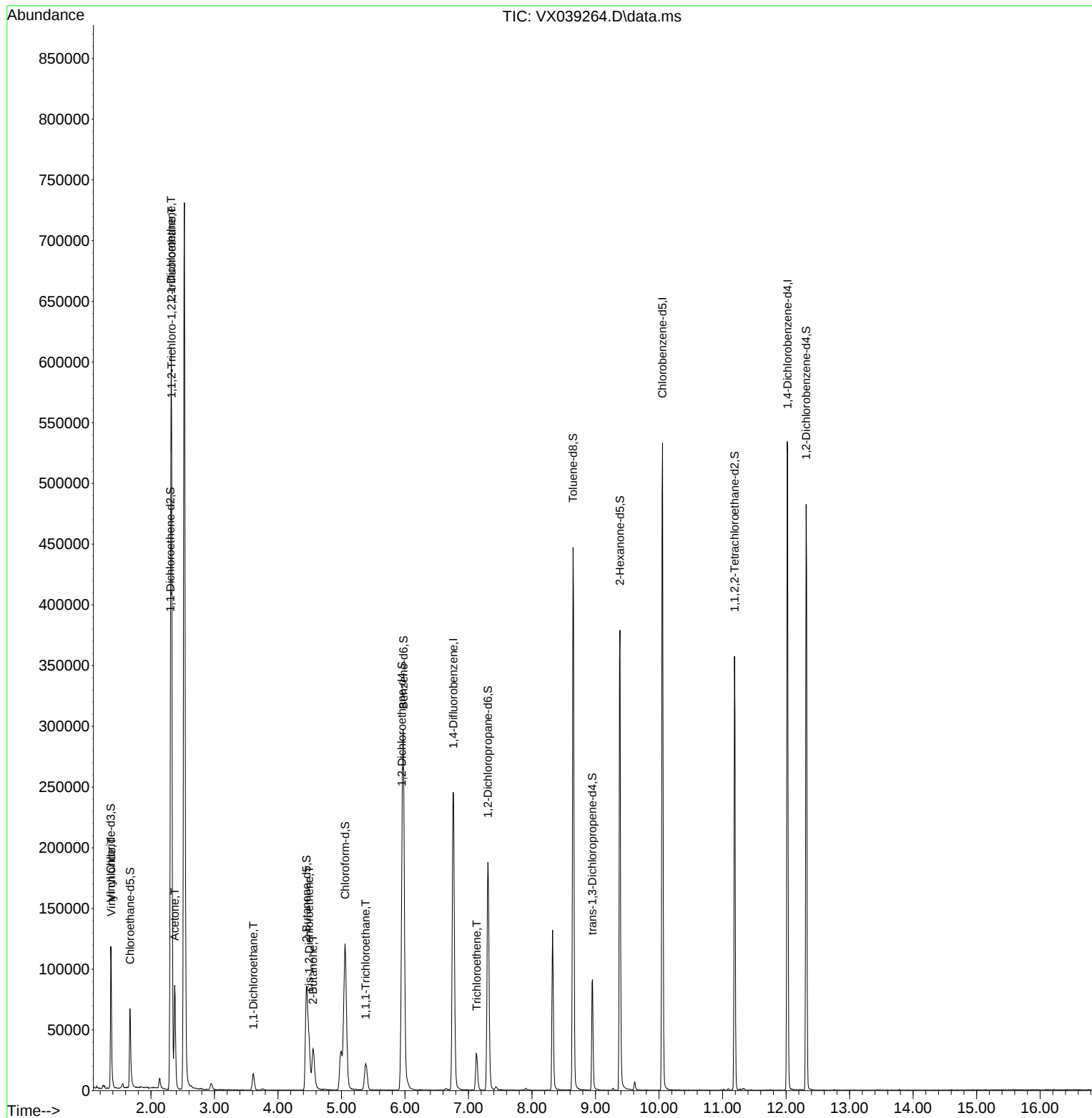
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
Data File : VX039264.D
Acq On : 16 Dec 2023 05:03
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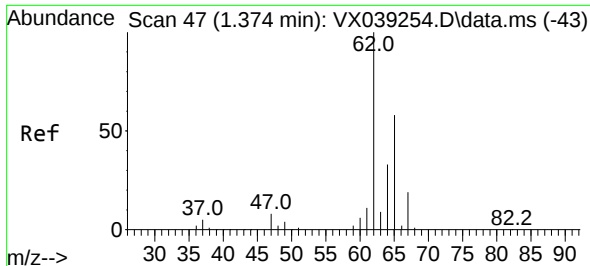
Instrument :
MSVOA_X
ClientSampleId :
YCHE5

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Supervised By :Semsettin Yesilyurt 12/18/2023

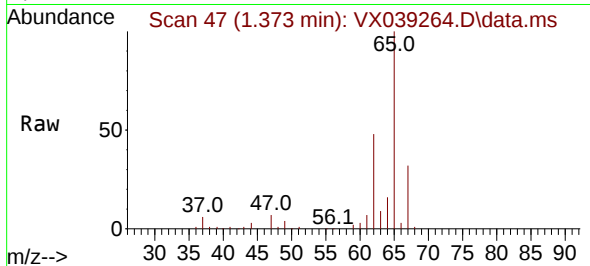
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 12 03:50:51 2023
Response via : Initial Calibration





#5
 Vinyl chloride
 Concen: 10.886 ug/L
 RT: 1.373 min Scan# 41
 Delta R.T. -0.001 min
 Lab File: VX039264.D
 Acq: 16 Dec 2023 05:03

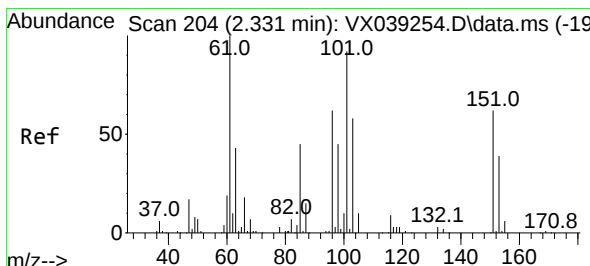
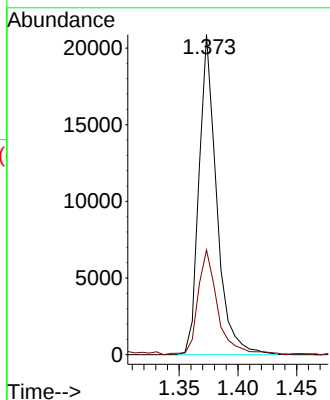
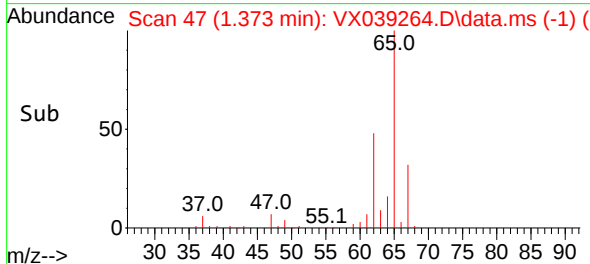
Instrument :
 MSVOA_X
 ClientSampleId :
 YCHE5



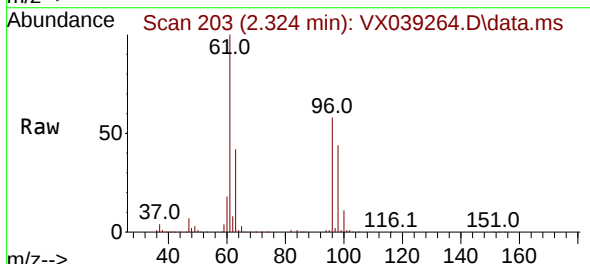
Tgt Ion: 62 Resp: 2182
 Ion Ratio Lower Upper
 62 100
 64 32.8 22.3 41.3

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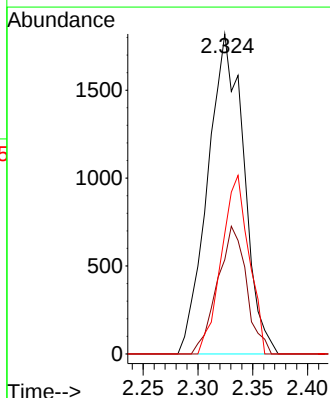
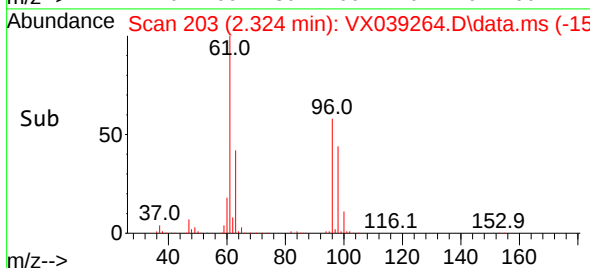
Reviewed By :Mahesh Dadoda 12/18/2023
 Supervised By :Semsettin Yesilyurt 12/18/2023

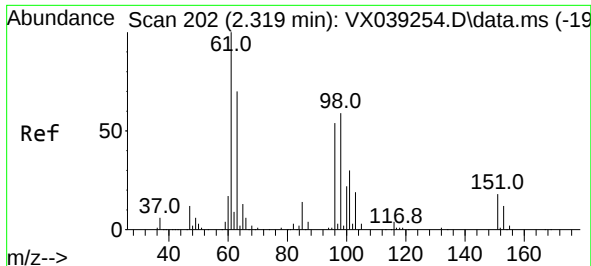


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.488 ug/L
 RT: 2.324 min Scan# 203
 Delta R.T. -0.007 min
 Lab File: VX039264.D
 Acq: 16 Dec 2023 05:03



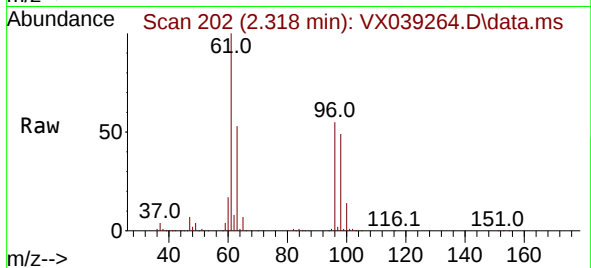
Tgt Ion:101 Resp: 4157
 Ion Ratio Lower Upper
 101 100
 85 32.1 35.8 53.6#
 151 42.6 55.4 83.2#





#12
1,1-Dichloroethene
Concen: 101.773 ug/L m
RT: 2.318 min Scan# 20
Delta R.T. -0.001 min
Lab File: VX039264.D
Acq: 16 Dec 2023 05:03

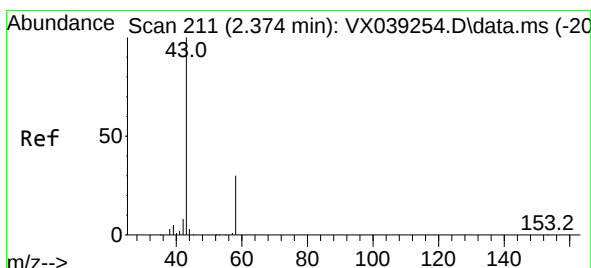
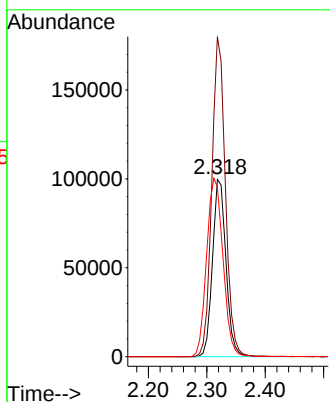
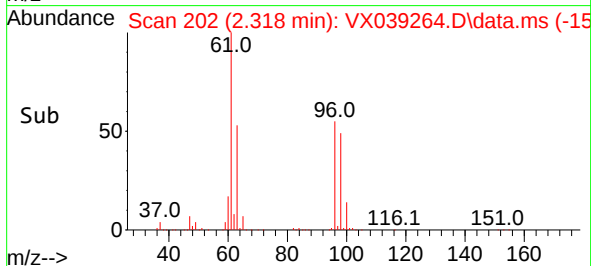
Instrument :
MSVOA_X
ClientSampleId :
YCHE5



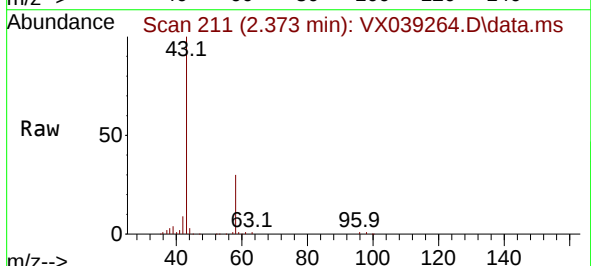
Tgt Ion: 96 Resp: 159980
Ion Ratio Lower Upper
96 100
61 180.4 128.0 237.6
63 95.6 101.5 188.5

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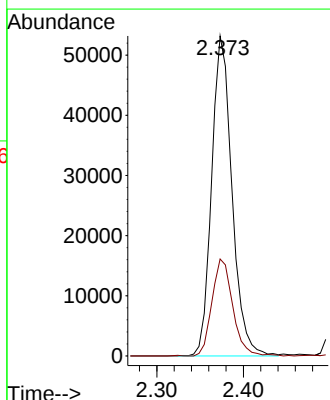
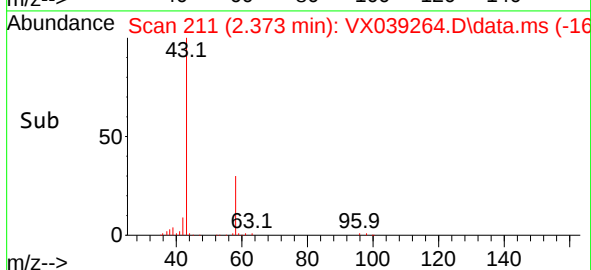
Reviewed By :Mahesh Dadoda 12/18/2023
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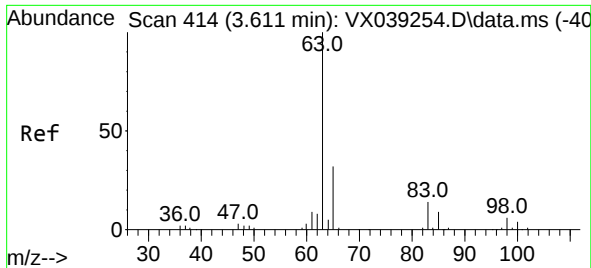


#13
Acetone
Concen: 52.217 ug/L
RT: 2.373 min Scan# 211
Delta R.T. -0.001 min
Lab File: VX039264.D
Acq: 16 Dec 2023 05:03



Tgt Ion: 43 Resp: 86904
Ion Ratio Lower Upper
43 100
58 30.7 0.0 65.8





#19

1,1-Dichloroethane

Concen: 4.641 ug/L

RT: 3.611 min Scan# 41

Delta R.T. 0.006 min

Lab File: VX039264.D

Acq: 16 Dec 2023 05:03

Instrument :

MSVOA_X

ClientSampleId :

YCHE5

Tgt Ion: 63 Resp: 1519

Ion Ratio Lower Upper

63 100

65 31.2 21.1 39.3

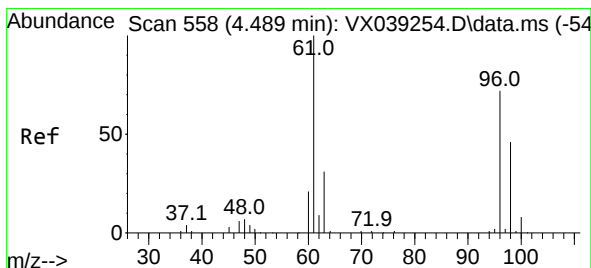
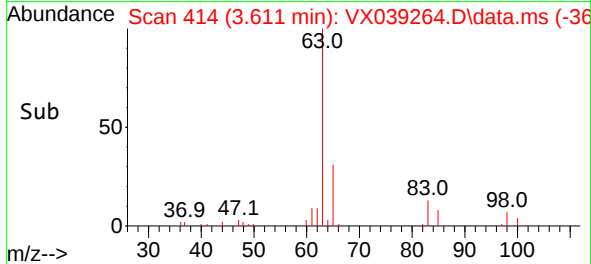
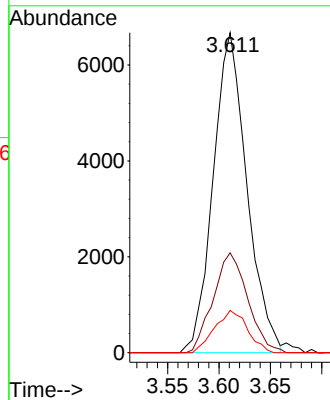
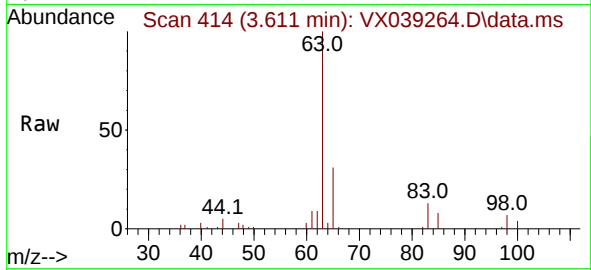
83 13.2 9.7 17.9

Manual Integrations

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#20

cis-1,2-Dichloroethene

Concen: 8.584 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX039264.D

Acq: 16 Dec 2023 05:03

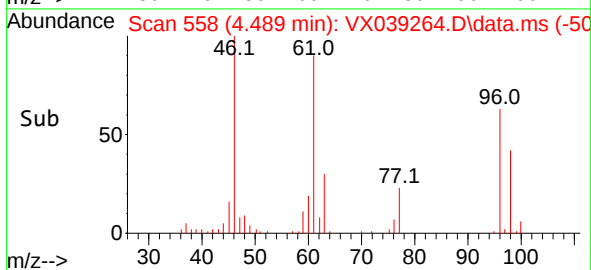
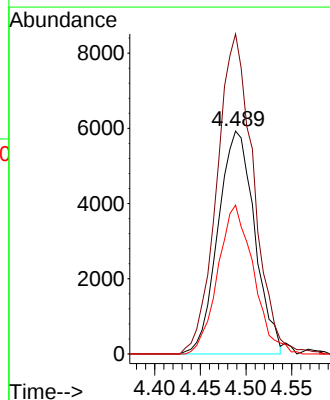
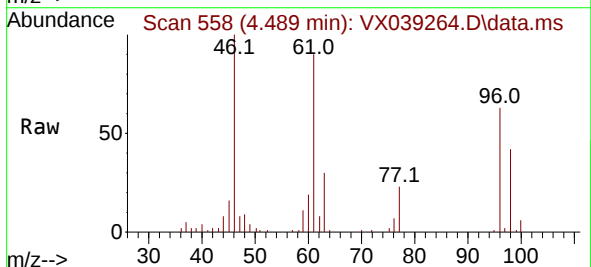
Tgt Ion: 96 Resp: 16490

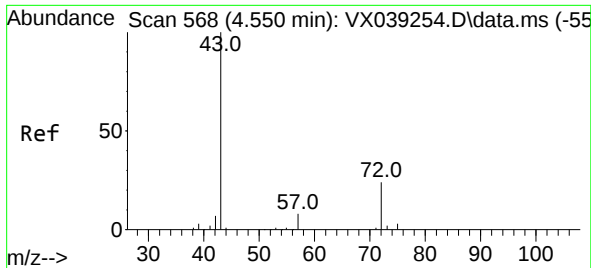
Ion Ratio Lower Upper

96 100

61 143.6 91.7 170.3

98 66.8 44.2 82.2





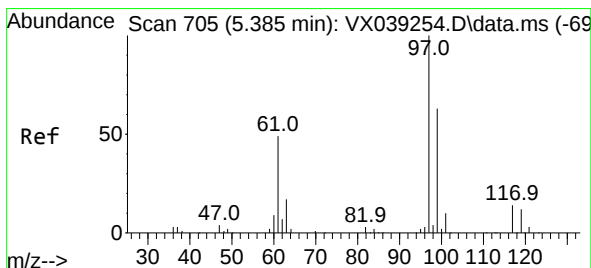
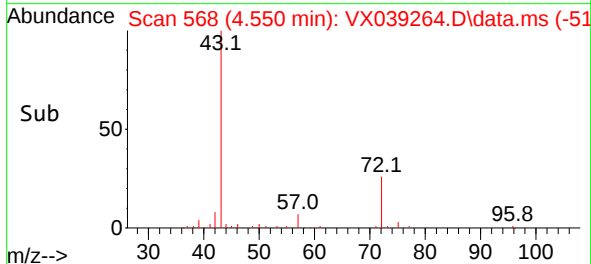
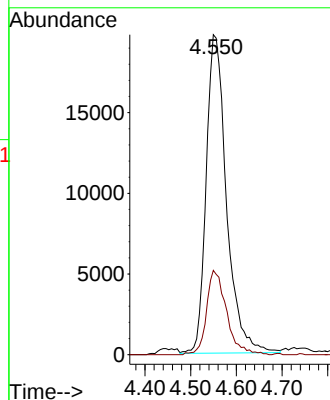
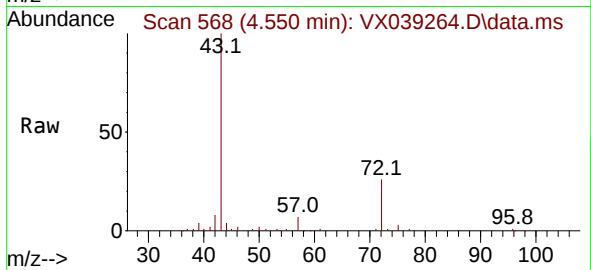
#22
2-Butanone
Concen: 29.858 ug/L
RT: 4.550 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX039264.D
Acq: 16 Dec 2023 05:03

Instrument :
MSVOA_X
ClientSampleId :
YCHE5

Tgt Ion: 43 Resp: 60980
Ion Ratio Lower Upper
43 100
72 25.8 12.6 37.6

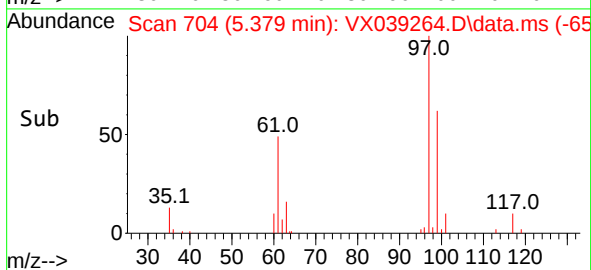
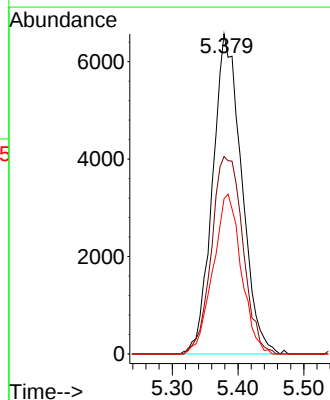
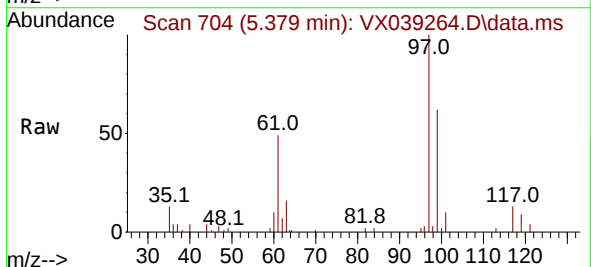
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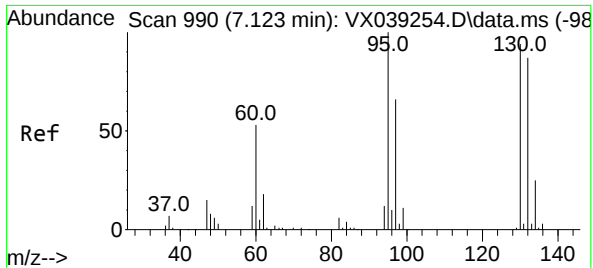
Reviewed By :Mahesh Dadoda 12/18/2023
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#30
1,1,1-Trichloroethane
Concen: 7.372 ug/L
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX039264.D
Acq: 16 Dec 2023 05:03

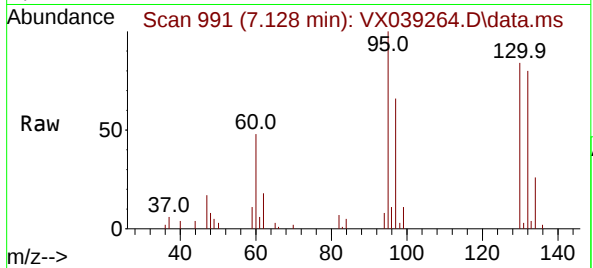
Tgt Ion: 97 Resp: 20144
Ion Ratio Lower Upper
97 100
99 66.5 51.0 76.4
61 48.7 36.7 55.1





#34
 Trichloroethene
 Concen: 6.167 ug/L
 RT: 7.128 min Scan# 991
 Delta R.T. 0.012 min
 Lab File: VX039264.D
 Acq: 16 Dec 2023 05:03

Instrument :
 MSVOA_X
 ClientSampleId :
 YCHE5



Tgt Ion: 95 Resp: 1166

Ion	Ratio	Lower	Upper
95	100		
97	65.7	45.5	84.5
132	80.0	62.2	115.4
130	84.3	67.0	124.4

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