

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039280.D
 Acq On : 16 Dec 2023 11:17
 Operator : JC/MD
 Sample : 05844-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 YCHG7

Manual Integrations
 APPROVED

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

Quant Time: Dec 16 21:11:24 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

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	215697	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	202515	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	97593	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	73071	43.191	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	86.380%		
7) Chloroethane-d5	1.666	69	54819	43.838	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	87.680%		
11) 1,1-Dichloroethene-d2	2.307	65	36669	49.376	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	98.760%		
21) 2-Butanone-d5	4.452	46	145079	94.735	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	94.730%		
24) Chloroform-d	5.056	84	144188	48.145	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.280%		
26) 1,2-Dichloroethane-d4	5.958	65	100051	51.584	ug/L	0.01
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.160%		
32) Benzene-d6	5.970	84	296541	47.446	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.900%		
36) 1,2-Dichloropropane-d6	7.306	67	94614	47.039	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.080%		
41) Toluene-d8	8.647	98	265594	46.892	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.780%		
43) trans-1,3-Dichloroprop...	8.952	79	44164	43.147	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.300%		
47) 2-Hexanone-d5	9.384	63	105572	87.879	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	87.880%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	131710	46.160	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	92.320%		
66) 1,2-Dichlorobenzene-d4	12.317	152	89148	48.327	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.660%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.319	96	186832m	134.455	ug/L	
13) Acetone	2.374	43	51551	35.040	ug/L	96
19) 1,1-Dichloroethane	3.611	63	41649	14.387	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	43531	25.634	ug/L	98
22) 2-Butanone	4.556	43	48932	27.101	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	19530	7.948	ug/L	94
34) Trichloroethene	7.129	95	14154	8.322	ug/L	97

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

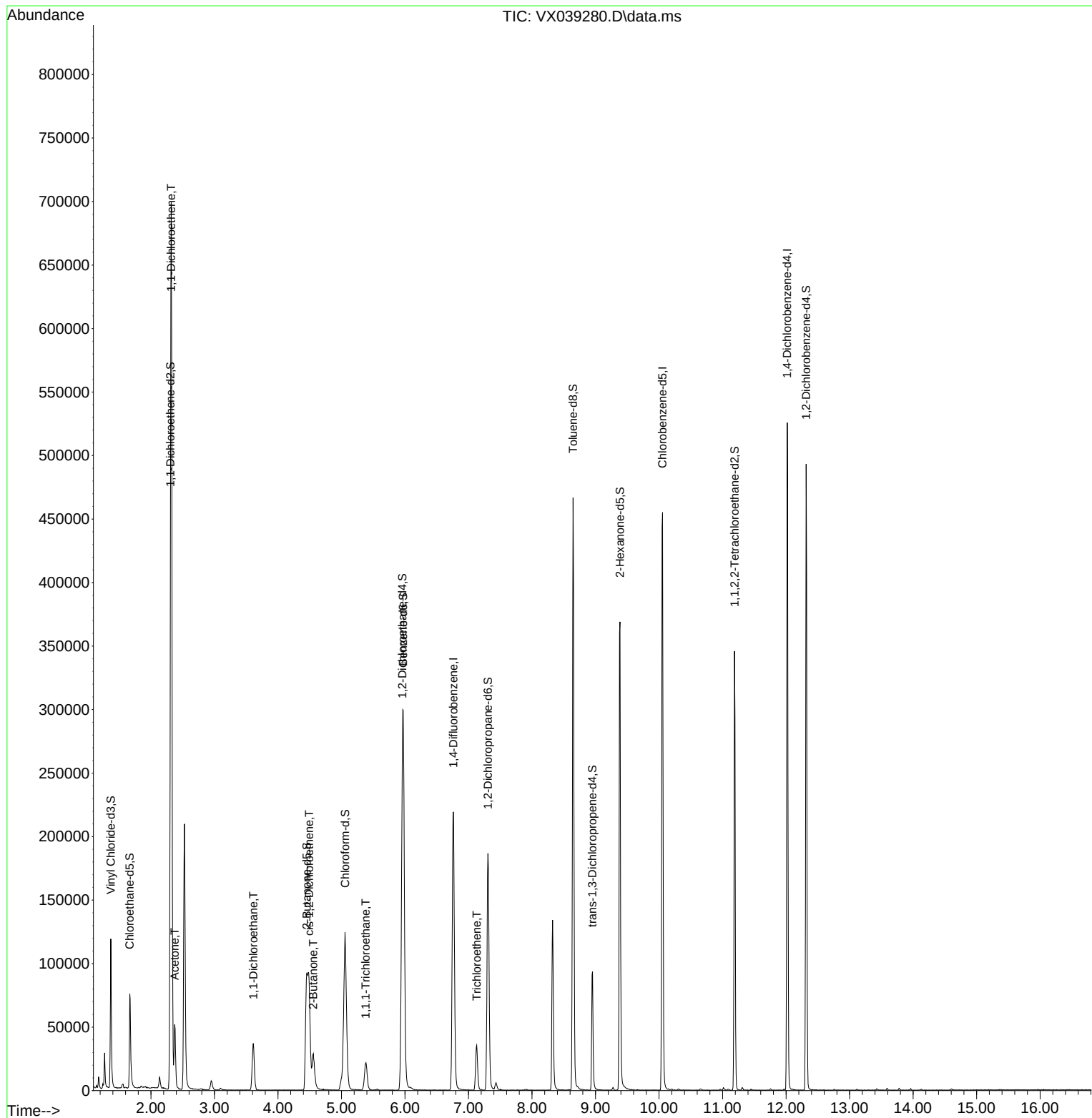
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
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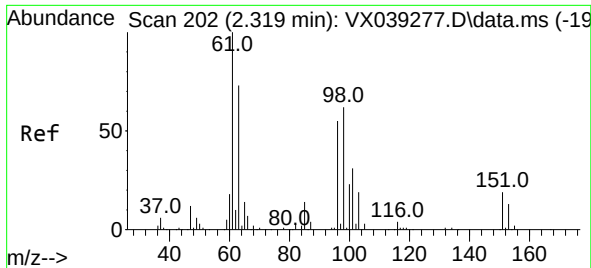
Instrument :
MSVOA_X
ClientSampleId :
YCHG7

Quant Time: Dec 16 21:11:24 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

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#12

1,1-Dichloroethene

Concen: 134.455 ug/L m

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX039280.D

Acq: 16 Dec 2023 11:17

Instrument :

MSVOA_X

ClientSampleId :

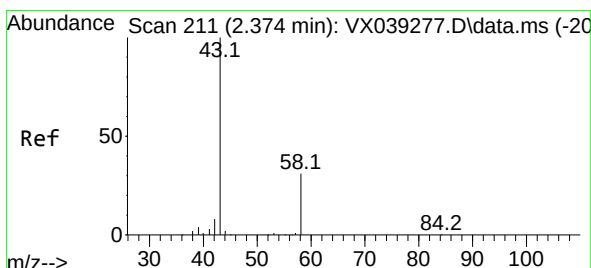
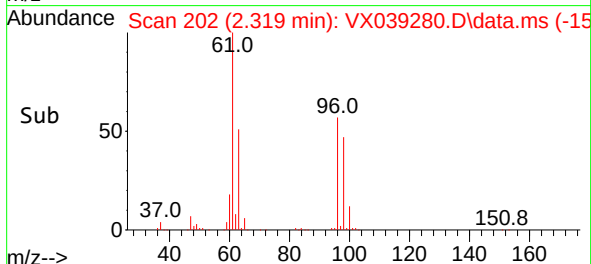
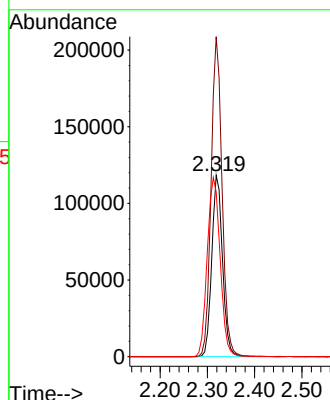
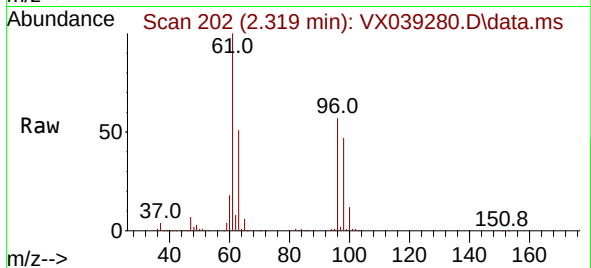
YCHG7

Tgt Ion:	96	Resp:	18683
Ion	Ratio	Lower	Upper
96	100		
61	176.6	128.0	237.6
63	90.8	101.5	188.5

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#13

Acetone

Concen: 35.040 ug/L

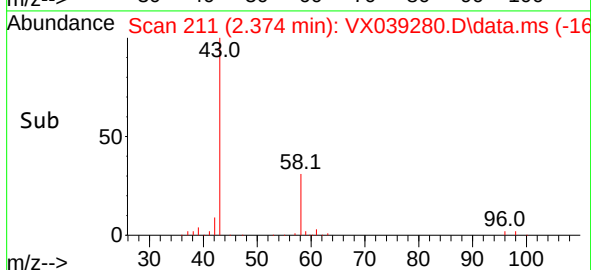
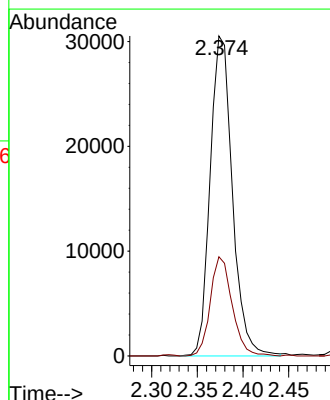
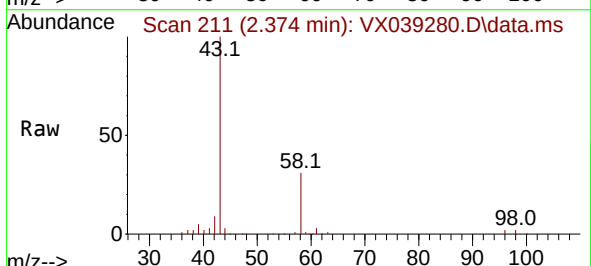
RT: 2.374 min Scan# 211

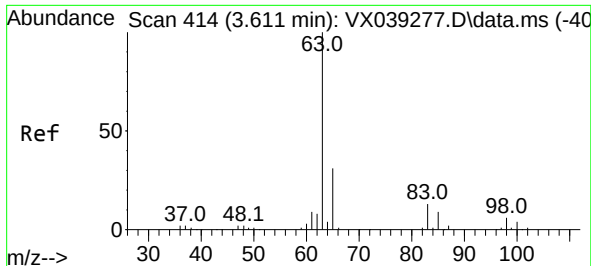
Delta R.T. -0.000 min

Lab File: VX039280.D

Acq: 16 Dec 2023 11:17

Tgt Ion:	43	Resp:	51551
Ion	Ratio	Lower	Upper
43	100		
58	30.5	0.0	65.8





#19

1,1-Dichloroethane

Concen: 14.387 ug/L

RT: 3.611 min Scan# 414

Delta R.T. 0.006 min

Lab File: VX039280.D

Acq: 16 Dec 2023 11:17

Instrument :

MSVOA_X

ClientSampleId :

YCHG7

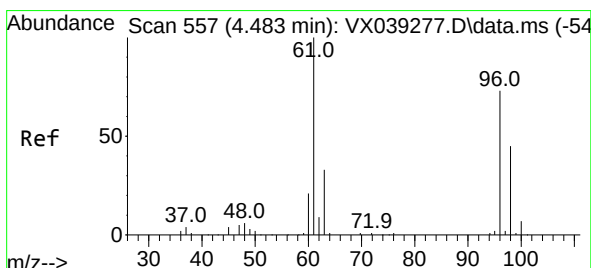
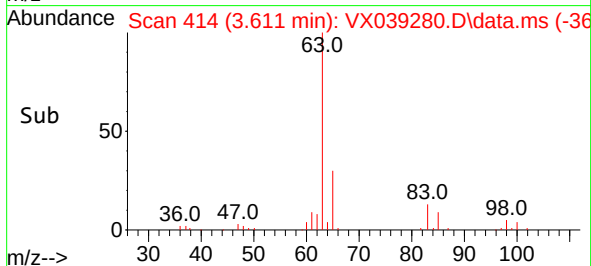
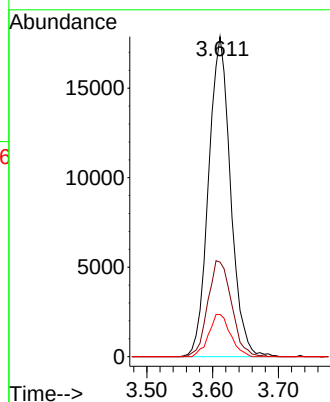
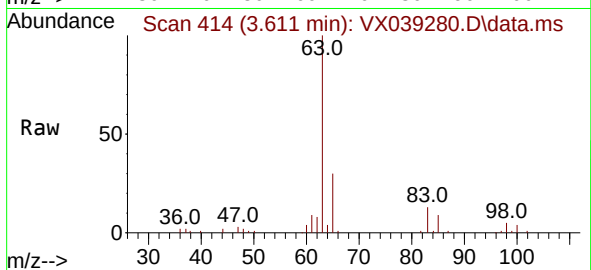
Tgt Ion: 63 Resp: 41649

Ion	Ratio	Lower	Upper
63	100		
65	29.6	21.1	39.3
83	13.2	9.7	17.9

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#20

cis-1,2-Dichloroethene

Concen: 25.634 ug/L

RT: 4.489 min Scan# 558

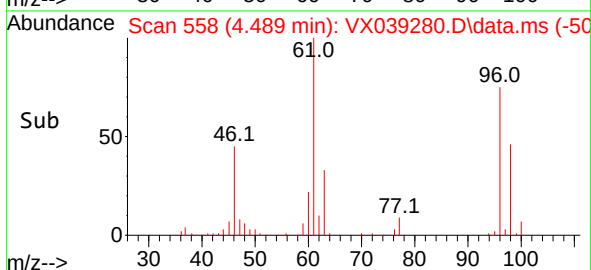
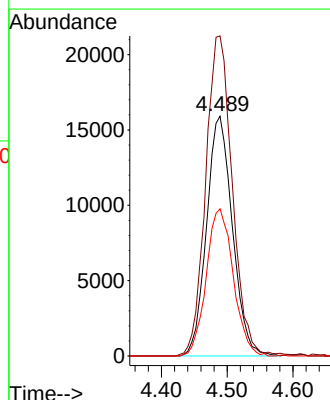
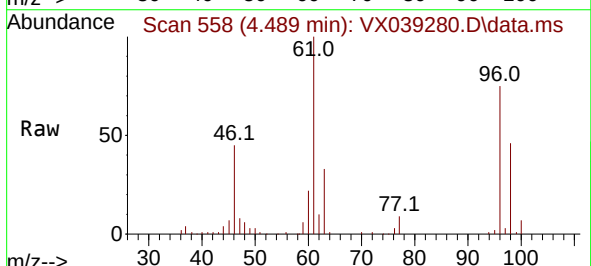
Delta R.T. 0.006 min

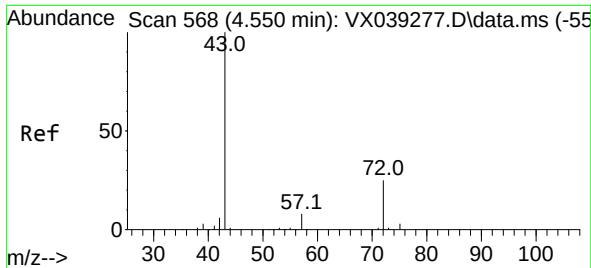
Lab File: VX039280.D

Acq: 16 Dec 2023 11:17

Tgt Ion: 96 Resp: 43531

Ion	Ratio	Lower	Upper
96	100		
61	133.5	91.7	170.3
98	61.4	44.2	82.2





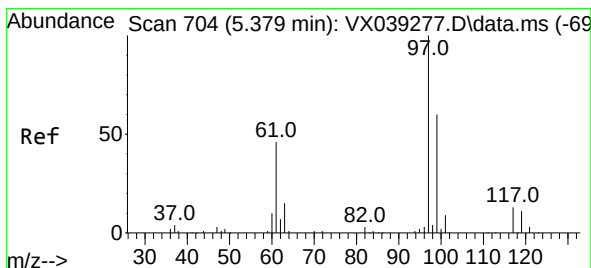
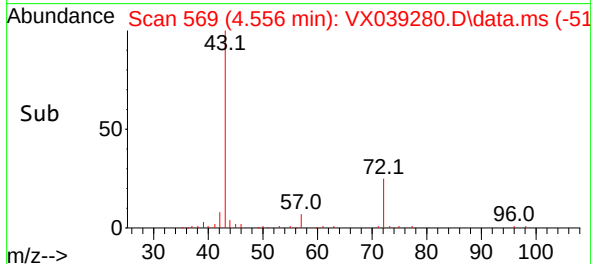
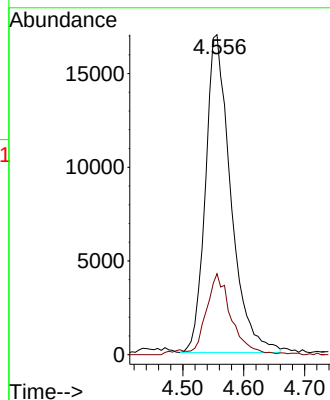
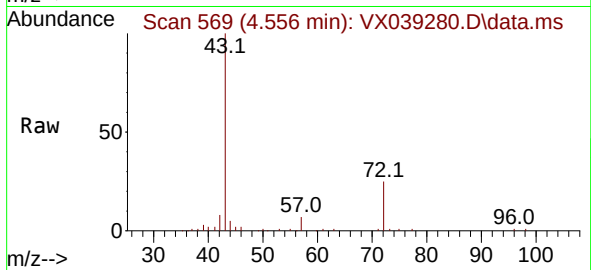
#22
2-Butanone
Concen: 27.101 ug/L
RT: 4.556 min Scan# 569
Delta R.T. 0.012 min
Lab File: VX039280.D
Acq: 16 Dec 2023 11:17

Instrument :
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ClientSampleId :
YCHG7

Tgt Ion: 43 Resp: 48932
Ion Ratio Lower Upper
43 100
72 24.6 12.6 37.6

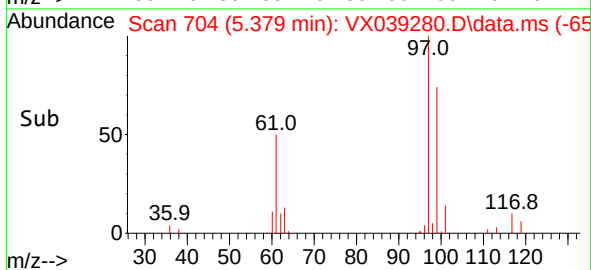
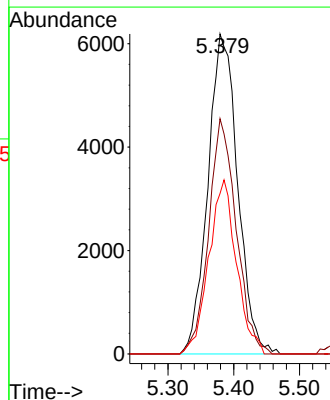
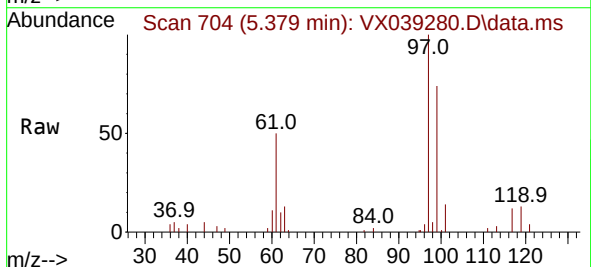
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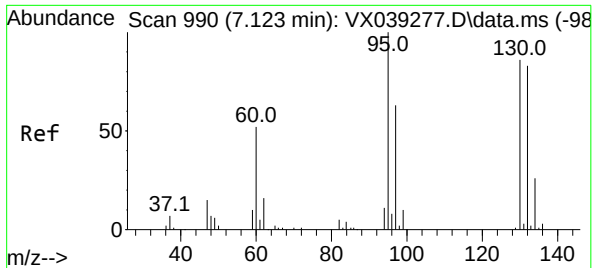
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#30
1,1,1-Trichloroethane
Concen: 7.948 ug/L
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX039280.D
Acq: 16 Dec 2023 11:17

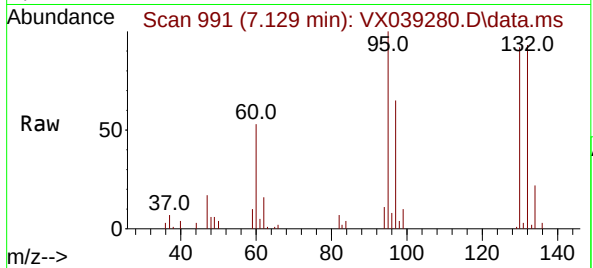
Tgt Ion: 97 Resp: 19530
Ion Ratio Lower Upper
97 100
99 68.0 51.0 76.4
61 50.5 36.7 55.1





#34
 Trichloroethene
 Concen: 8.322 ug/L
 RT: 7.129 min Scan# 991
 Delta R.T. 0.012 min
 Lab File: VX039280.D
 Acq: 16 Dec 2023 11:17

Instrument :
 MSVOA_X
 ClientSampleId :
 YCHG7



Tgt Ion: 95 Resp: 14154

Ion	Ratio	Lower	Upper
95	100		
97	64.5	45.5	84.5
132	92.6	62.2	115.4
130	92.0	67.0	124.4

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