

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039270.D
 Acq On : 16 Dec 2023 07:20
 Operator : JC/MD
 Sample : 05845-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 YCHJ0

Quant Time: Dec 16 20:16:20 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	193466	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	179298	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	86713	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	75081	49.479	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	98.960%		
7) Chloroethane-d5	1.672	69	55108	49.133	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	98.260%		
11) 1,1-Dichloroethene-d2	2.306	65	37094	55.688	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	111.380%		
21) 2-Butanone-d5	4.452	46	143034	104.132	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	104.130%		
24) Chloroform-d	5.056	84	143339	53.361	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	106.720%		
26) 1,2-Dichloroethane-d4	5.952	65	100725	57.899	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	115.800%		
32) Benzene-d6	5.970	84	302613	54.687	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	109.380%		
36) 1,2-Dichloropropane-d6	7.306	67	94742	53.202	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	106.400%		
41) Toluene-d8	8.647	98	267304	53.305	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	106.600%		
43) trans-1,3-Dichloroprop...	8.952	79	42515	46.915	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.820%		
47) 2-Hexanone-d5	9.384	63	103507	97.317	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	97.320%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	131722	52.142	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	104.280%		
66) 1,2-Dichlorobenzene-d4	12.317	152	91340	55.728	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	111.460%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.319	96	35794	28.719	ug/L #	64
13) Acetone	2.373	43	41662	31.573	ug/L	98
19) 1,1-Dichloroethane	3.611	63	5202	2.003	ug/L	96
20) cis-1,2-Dichloroethene	4.483	96	2272m	1.492	ug/L	
22) 2-Butanone	4.562	43	10316	6.370	ug/L	92
30) 1,1,1-Trichloroethane	5.385	97	8785	4.038	ug/L	95

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

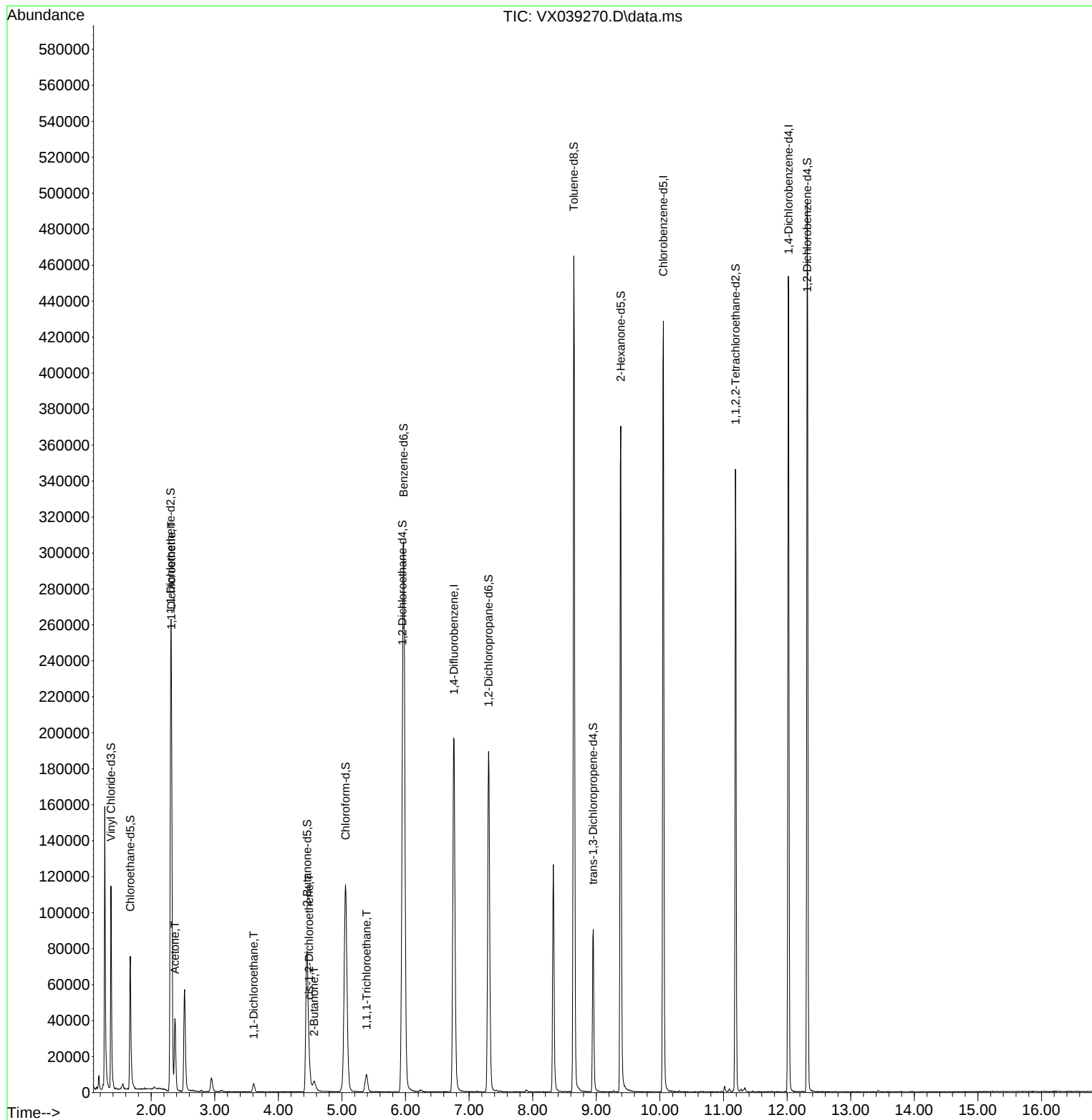
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
Data File : VX039270.D
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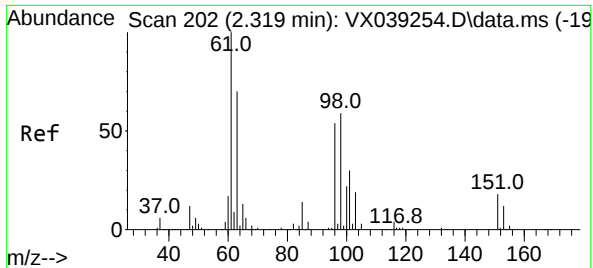
Instrument :
MSVOA_X
ClientSampleId :
YCHJ0

Quant Time: Dec 16 20:16:20 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: 28.719 ug/L

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX039270.D

Acq: 16 Dec 2023 07:20

Instrument :

MSVOA_X

ClientSampleId :

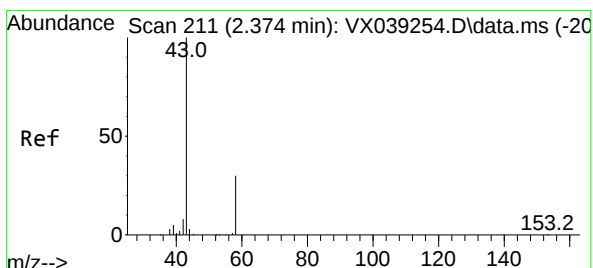
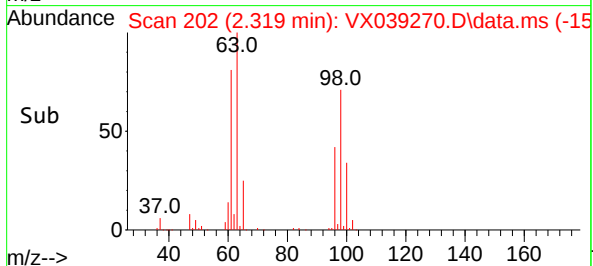
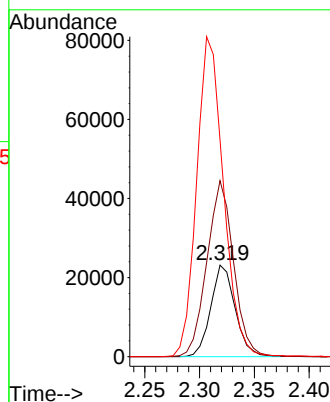
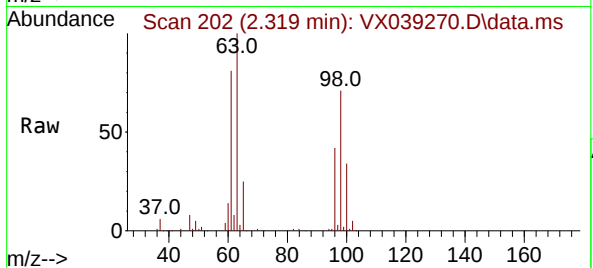
YCHJ0

Tgt Ion: 96 Resp: 35794
 Ion Ratio Lower Upper
 96 100
 61 192.2 128.0 237.6
 63 236.5 101.5 188.5

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#13

Acetone

Concen: 31.573 ug/L

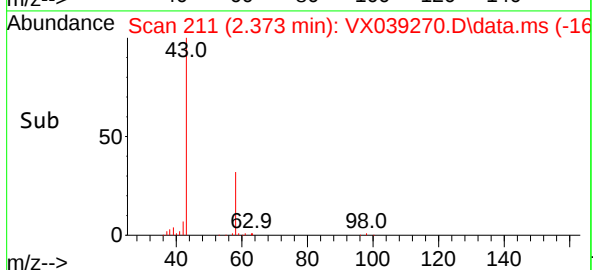
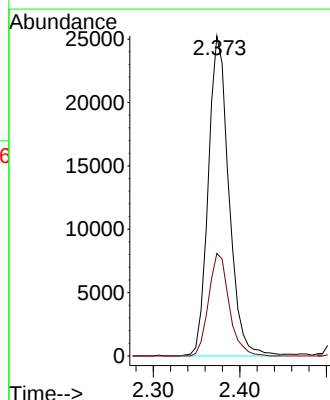
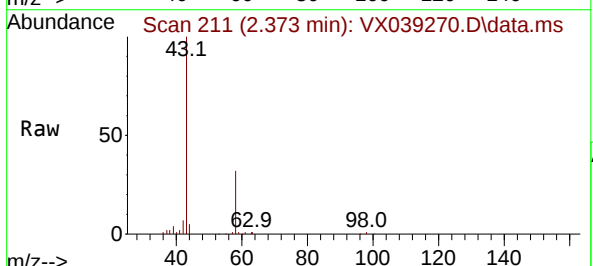
RT: 2.373 min Scan# 211

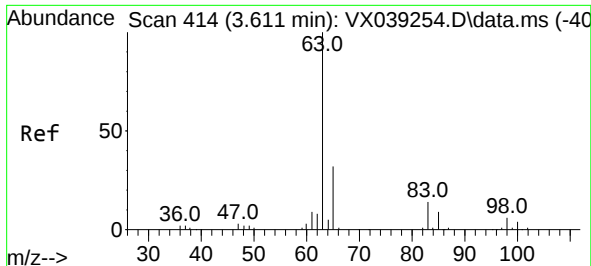
Delta R.T. -0.000 min

Lab File: VX039270.D

Acq: 16 Dec 2023 07:20

Tgt Ion: 43 Resp: 41662
 Ion Ratio Lower Upper
 43 100
 58 31.9 0.0 65.8





#19

1,1-Dichloroethane

Concen: 2.003 ug/L

RT: 3.611 min Scan# 41

Delta R.T. 0.006 min

Lab File: VX039270.D

Acq: 16 Dec 2023 07:20

Instrument :

MSVOA_X

ClientSampleId :

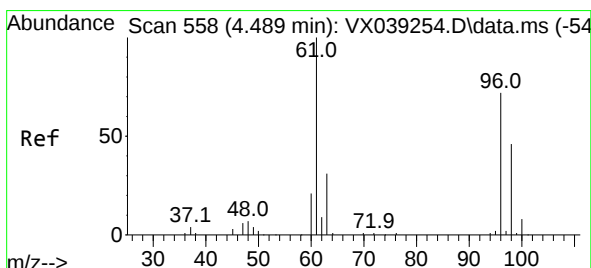
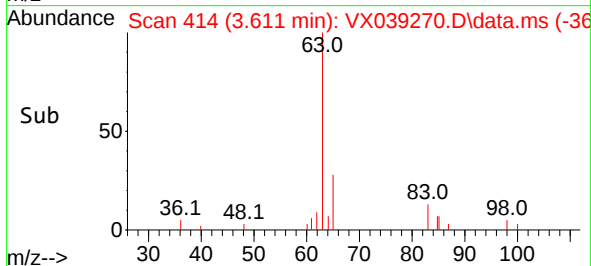
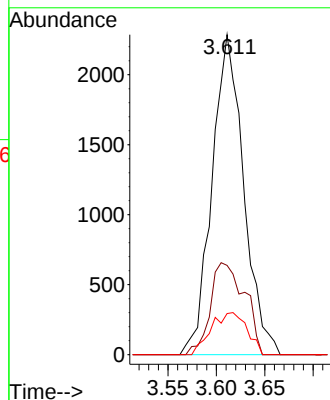
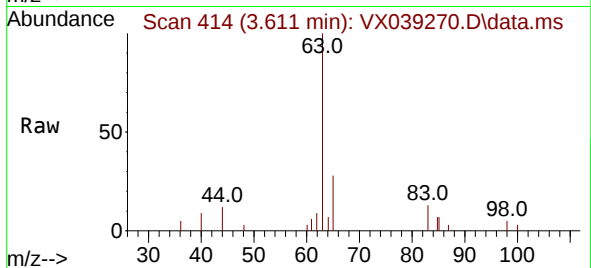
YCHJ0

Tgt Ion: 63	Resp: 520
Ion Ratio	Lower Upper
63 100	
65 27.9	21.1 39.3
83 12.9	9.7 17.9

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#20

cis-1,2-Dichloroethene

Concen: 1.492 ug/L m

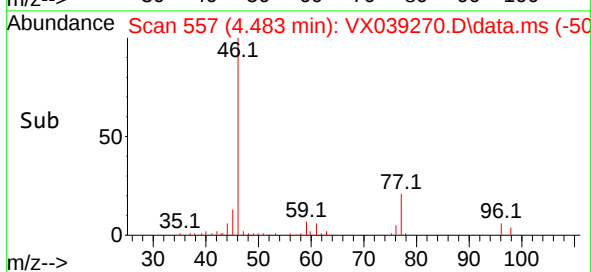
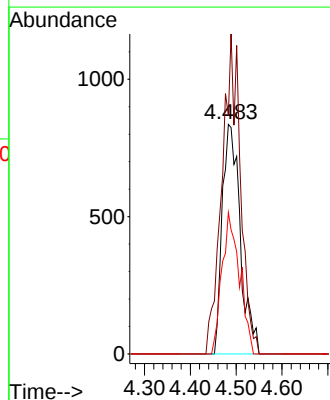
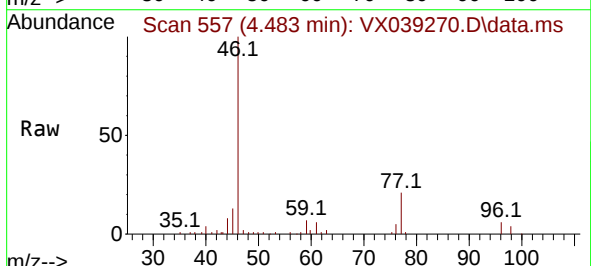
RT: 4.483 min Scan# 557

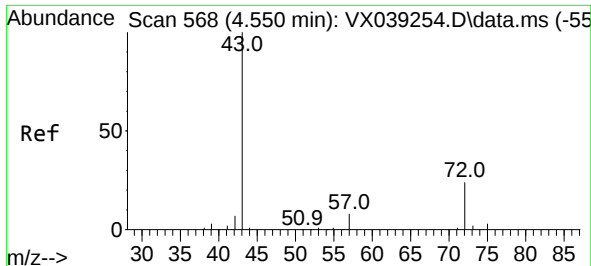
Delta R.T. -0.000 min

Lab File: VX039270.D

Acq: 16 Dec 2023 07:20

Tgt Ion: 96	Resp: 2272
Ion Ratio	Lower Upper
96 100	
61 103.8	91.7 170.3
98 61.6	44.2 82.2





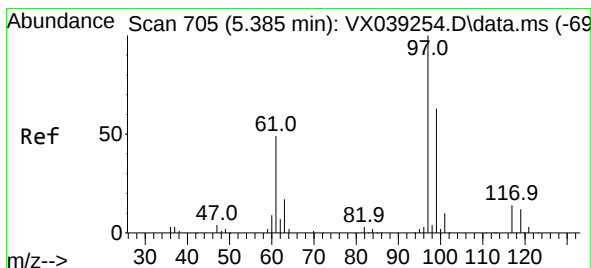
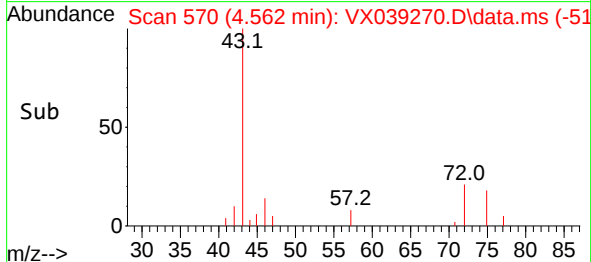
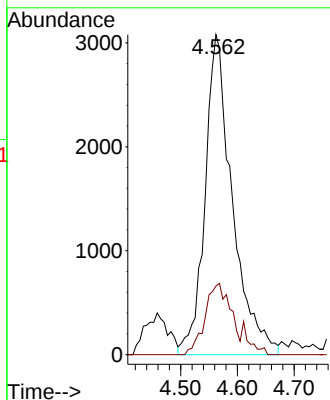
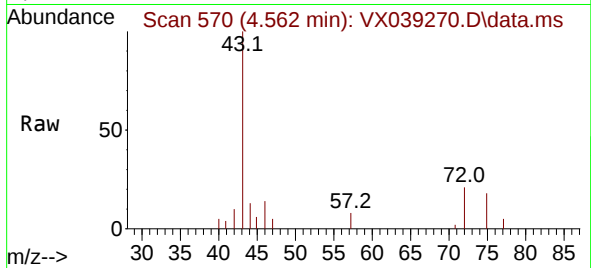
#22
2-Butanone
Concen: 6.370 ug/L
RT: 4.562 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX039270.D
Acq: 16 Dec 2023 07:20

Instrument :
MSVOA_X
ClientSampleId :
YCHJ0

Tgt Ion: 43 Resp: 10310
Ion Ratio Lower Upper
43 100
72 20.9 12.6 37.6

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#30
1,1,1-Trichloroethane
Concen: 4.038 ug/L
RT: 5.385 min Scan# 705
Delta R.T. 0.012 min
Lab File: VX039270.D
Acq: 16 Dec 2023 07:20

Tgt Ion: 97 Resp: 8785
Ion Ratio Lower Upper
97 100
99 66.9 51.0 76.4
61 49.8 36.7 55.1

