

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039248.D
 Acq On : 15 Dec 2023 22:57
 Operator : JC/MD
 Sample : 05844-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 YCHH7

Quant Time: Dec 16 01:53:55 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

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	229395	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	209846	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	97509	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	63655	35.379	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	70.760%		
7) Chloroethane-d5	1.666	69	50611	38.056	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	76.120%		
11) 1,1-Dichloroethene-d2	2.307	65	33380	42.264	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.520%		
21) 2-Butanone-d5	4.453	46	152406	93.577	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	93.580%		
24) Chloroform-d	5.062	84	144897	45.492	ug/L	0.01
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.980%		
26) 1,2-Dichloroethane-d4	5.952	65	102536	49.708	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.420%		
32) Benzene-d6	5.971	84	290317	44.828	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.660%		
36) 1,2-Dichloropropane-d6	7.306	67	96141	46.129	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	92.260%		
41) Toluene-d8	8.647	98	261875	44.620	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.240%		
43) trans-1,3-Dichloroprop...	8.952	79	45284	42.696	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.400%		
47) 2-Hexanone-d5	9.385	63	110238	88.557	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	88.560%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	136060	46.019	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	92.040%		
66) 1,2-Dichlorobenzene-d4	12.317	152	90284	48.985	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.960%		
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	7028	3.729	ug/L	84
12) 1,1-Dichloroethene	2.319	96	52447	35.490	ug/L	92
13) Acetone	2.374	43	48203	30.808	ug/L	97
19) 1,1-Dichloroethane	3.611	63	20562	6.679	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	33182	18.373	ug/L	91
22) 2-Butanone	4.556	43	44752	23.306	ug/L	100
27) 1,2-Dichloroethane	6.092	62	11289	4.658	ug/L #	91
30) 1,1,1-Trichloroethane	5.379	97	4099m	1.610	ug/L	

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

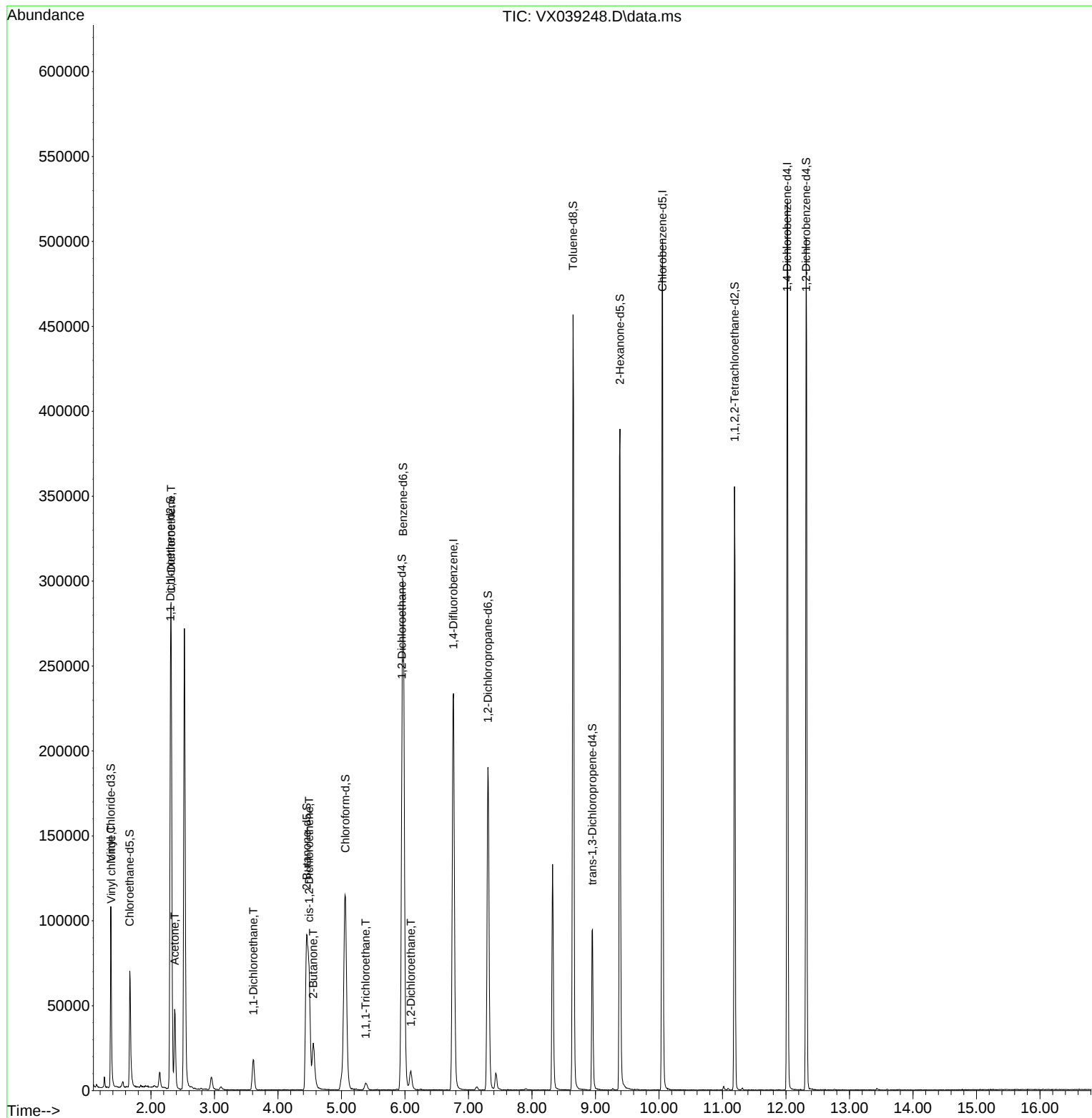
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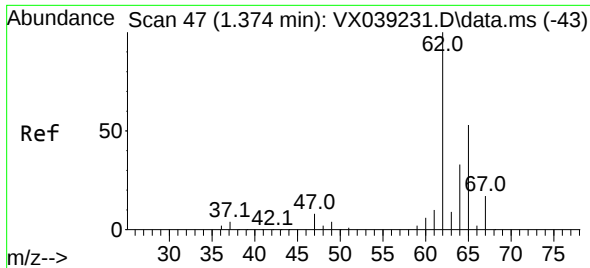
Instrument :
MSVOA_X
ClientSampleId :
YCHH7

Quant Time: Dec 16 01:53:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120523WMA.M
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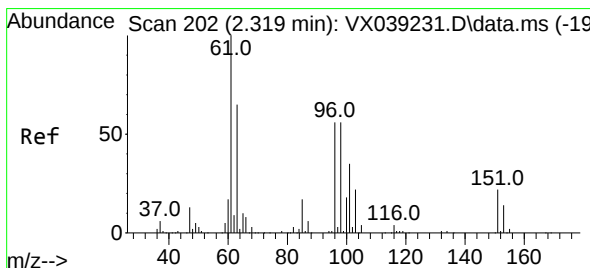
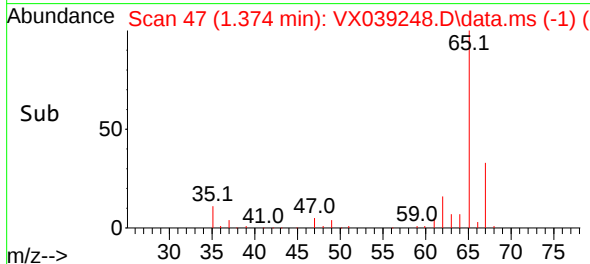
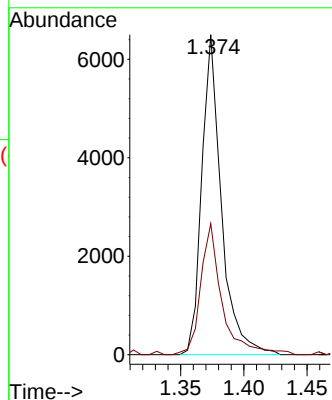
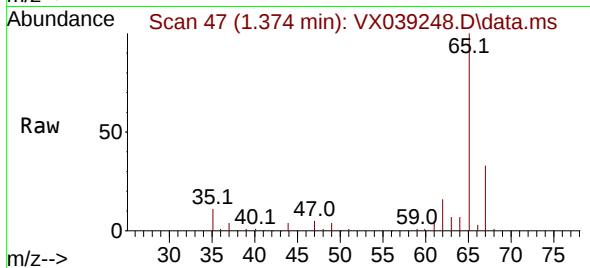
#5
 Vinyl chloride
 Concen: 3.729 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX039248.D
 Acq: 15 Dec 2023 22:57

Instrument :
 MSVOA_X
 ClientSampleId :
 YCHH7

Tgt Ion: 62 Resp: 7028
 Ion Ratio Lower Upper
 62 100
 64 41.0 22.3 41.3

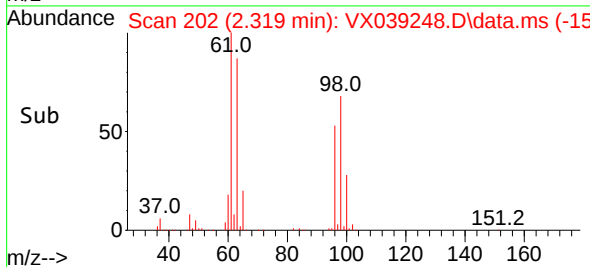
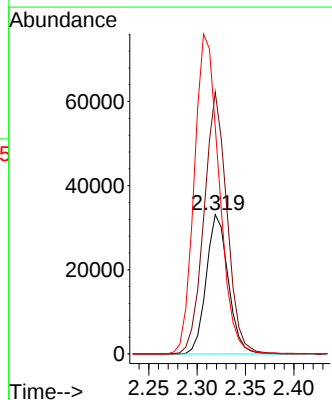
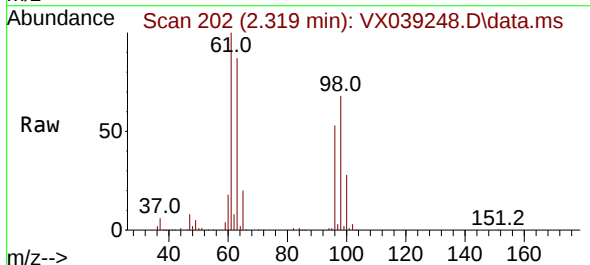
Manual Integrations
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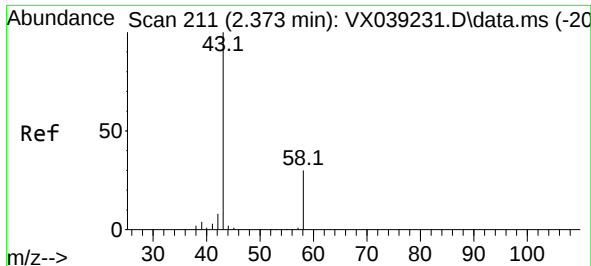
Reviewed By :Semsettin Yesilyurt 12/16/2023
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#12
 1,1-Dichloroethene
 Concen: 35.490 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX039248.D
 Acq: 15 Dec 2023 22:57

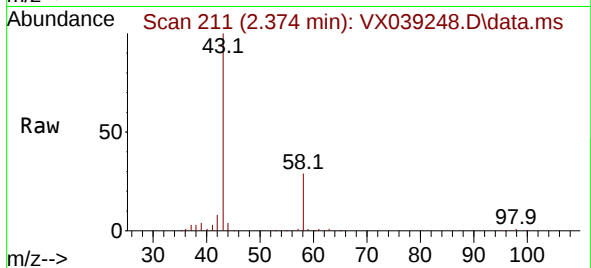
Tgt Ion: 96 Resp: 52447
 Ion Ratio Lower Upper
 96 100
 61 188.0 128.0 237.6
 63 163.1 101.5 188.5





#13
Acetone
Concen: 30.808 ug/L
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX039248.D
Acq: 15 Dec 2023 22:57

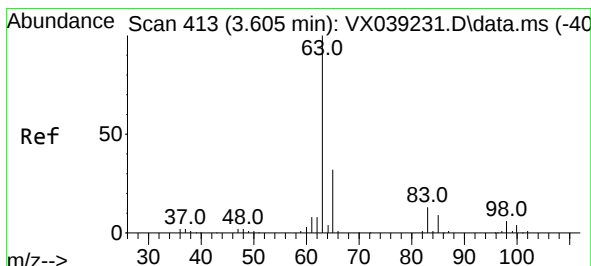
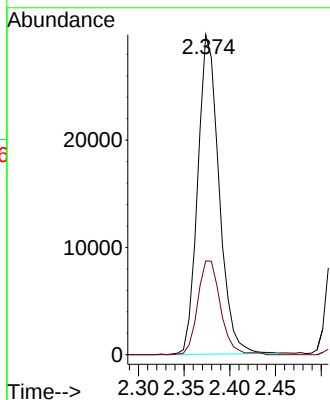
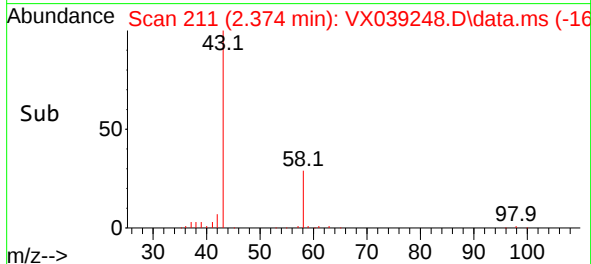
Instrument :
MSVOA_X
ClientSampleId :
YCHH7



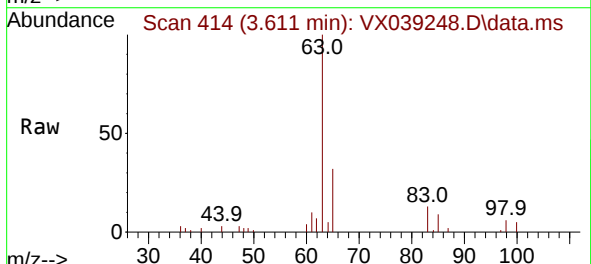
Tgt Ion: 43 Resp: 4820
Ion Ratio Lower Upper
43 100
58 31.0 0.0 65.8

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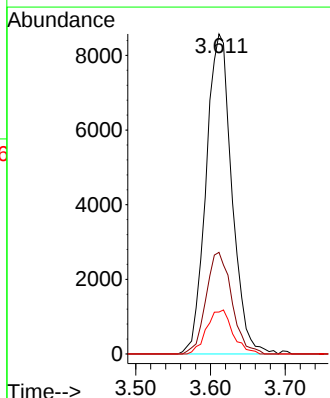
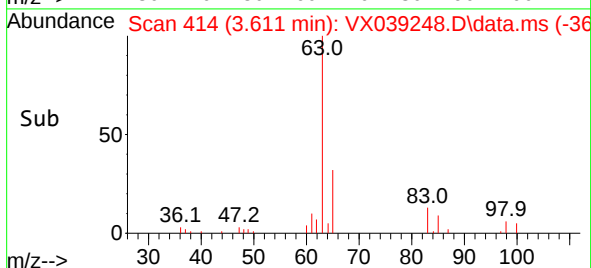
Reviewed By :Semsettin Yesilyurt 12/16/2023
Supervised By :Mahesh Dadoda 12/18/2023

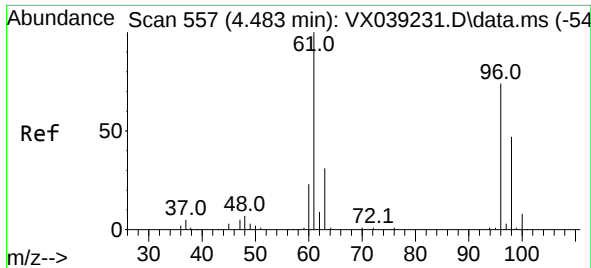


#19
1,1-Dichloroethane
Concen: 6.679 ug/L
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX039248.D
Acq: 15 Dec 2023 22:57



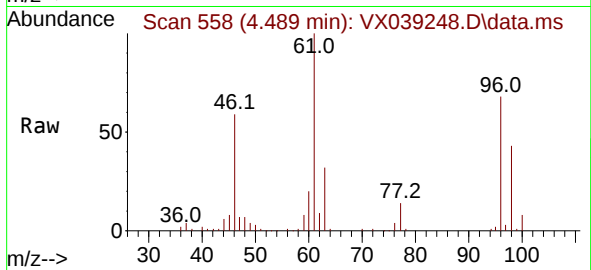
Tgt Ion: 63 Resp: 20562
Ion Ratio Lower Upper
63 100
65 31.7 21.1 39.3
83 13.1 9.7 17.9





#20
cis-1,2-Dichloroethene
Concen: 18.373 ug/L
RT: 4.489 min Scan# 557
Delta R.T. 0.006 min
Lab File: VX039248.D
Acq: 15 Dec 2023 22:57

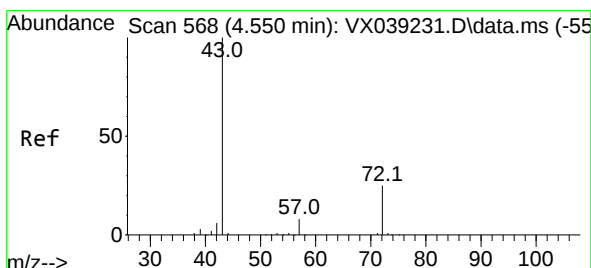
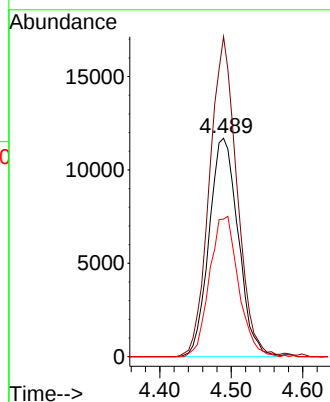
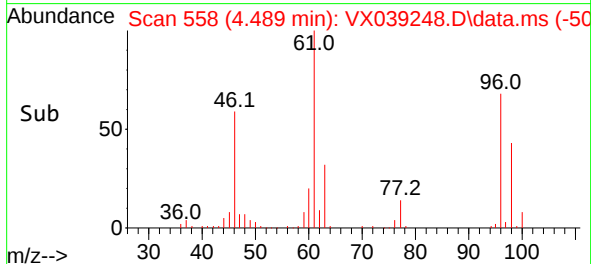
Instrument :
MSVOA_X
ClientSampleId :
YCHH7



Tgt Ion: 96 Resp: 3318
Ion Ratio Lower Upper
96 100
61 146.5 91.7 170.3
98 63.0 44.2 82.2

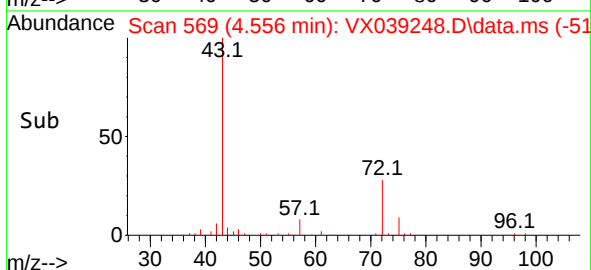
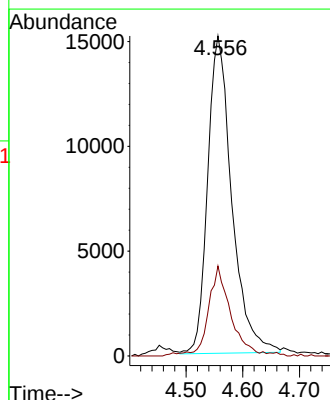
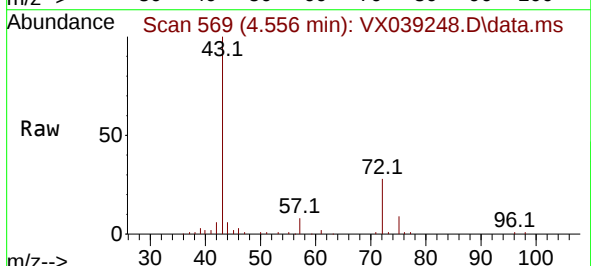
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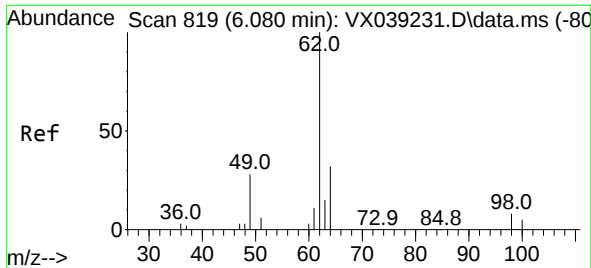
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#22
2-Butanone
Concen: 23.306 ug/L
RT: 4.556 min Scan# 569
Delta R.T. 0.012 min
Lab File: VX039248.D
Acq: 15 Dec 2023 22:57

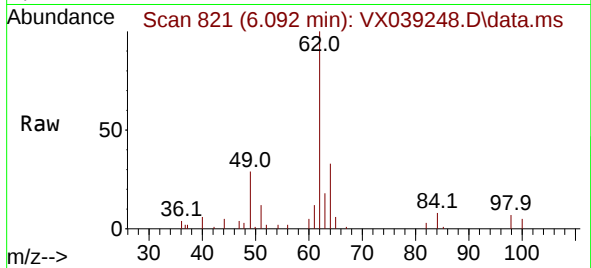
Tgt Ion: 43 Resp: 44752
Ion Ratio Lower Upper
43 100
72 25.0 12.6 37.6





#27
1,2-Dichloroethane
Concen: 4.658 ug/L
RT: 6.092 min Scan# 819
Delta R.T. 0.012 min
Lab File: VX039248.D
Acq: 15 Dec 2023 22:57

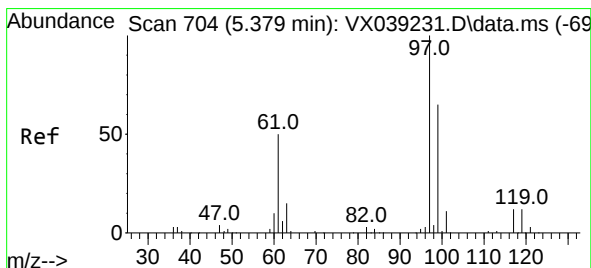
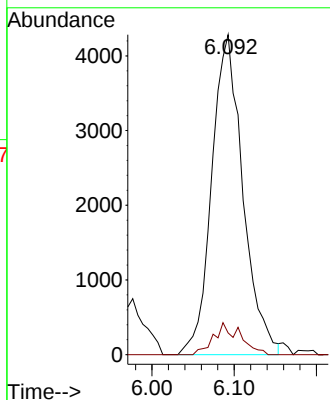
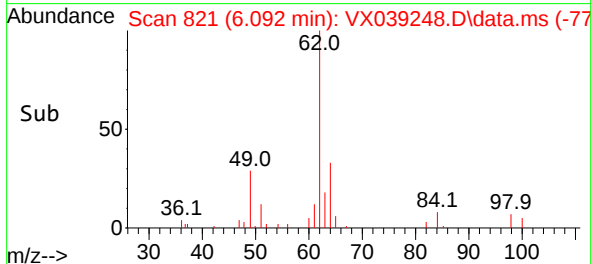
Instrument :
MSVOA_X
ClientSampleId :
YCHH7



Tgt Ion: 62 Resp: 11289
Ion Ratio Lower Upper
62 100
98 6.8 8.0 12.0

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#30
1,1,1-Trichloroethane
Concen: 1.610 ug/L m
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX039248.D
Acq: 15 Dec 2023 22:57

Tgt Ion: 97 Resp: 4099
Ion Ratio Lower Upper
97 100
99 59.6 51.0 76.4
61 47.0 36.7 55.1

