

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039288.D
 Acq On : 16 Dec 2023 14:21
 Operator : JC/MD
 Sample : 05845-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 YCHE1

Quant Time: Dec 16 21:12:29 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

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

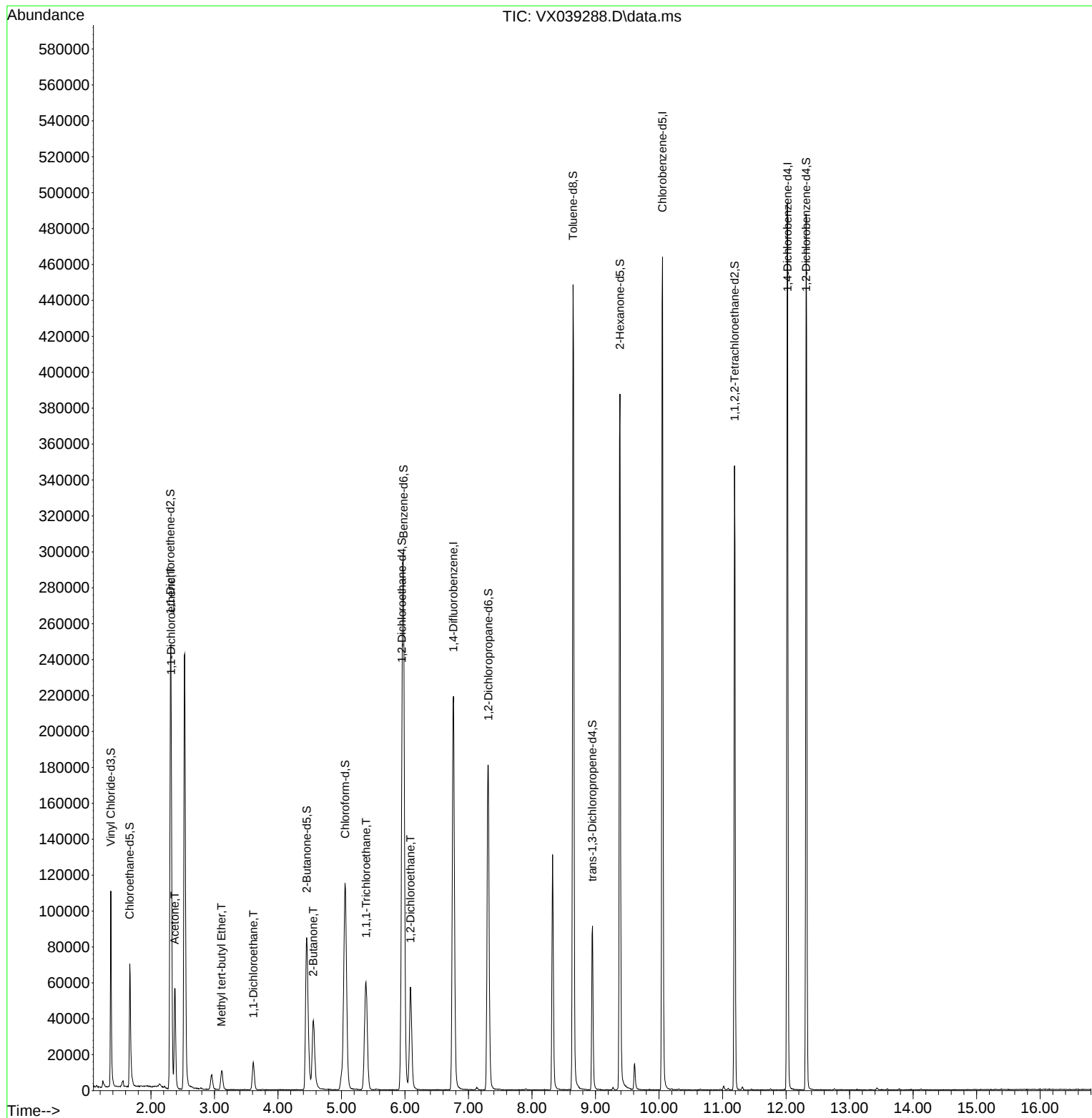
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	216515	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	201246	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	96308	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	69281	40.796	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	81.600%		
7) Chloroethane-d5	1.666	69	51726	41.208	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	82.420%		
11) 1,1-Dichloroethene-d2	2.306	65	34757	46.625	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.260%		
21) 2-Butanone-d5	4.452	46	153155	99.631	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	99.630%		
24) Chloroform-d	5.056	84	141845	47.183	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.360%		
26) 1,2-Dichloroethane-d4	5.952	65	99305	51.006	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.020%		
32) Benzene-d6	5.977	84	295639	47.600	ug/L	0.01
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.200%		
36) 1,2-Dichloropropane-d6	7.312	67	94868	47.463	ug/L	0.01
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.920%		
41) Toluene-d8	8.647	98	263701	46.851	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.700%		
43) trans-1,3-Dichloroprop...	8.952	79	41728	41.024	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.040%		
47) 2-Hexanone-d5	9.384	63	108825	91.158	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	91.160%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	131577	46.404	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	92.800%		
66) 1,2-Dichlorobenzene-d4	12.317	152	87540	48.088	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.180%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.319	96	33708	24.167	ug/L #	68
13) Acetone	2.374	43	60112	40.705	ug/L	95
18) Methyl tert-butyl Ether	3.111	73	11510	2.250	ug/L #	92
19) 1,1-Dichloroethane	3.611	63	17382	5.982	ug/L	97
22) 2-Butanone	4.556	43	68504	37.798	ug/L	99
27) 1,2-Dichloroethane	6.086	62	60811	26.583	ug/L #	93
30) 1,1,1-Trichloroethane	5.385	97	58353	23.898	ug/L	98

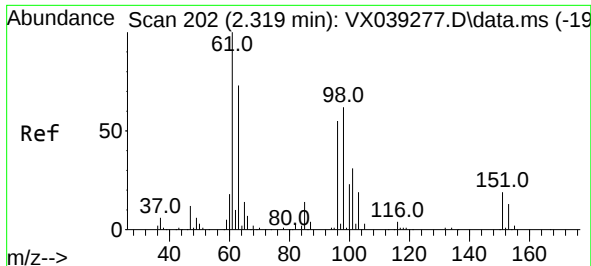
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 16 21:12:29 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





#12

1,1-Dichloroethene

Concen: 24.167 ug/L

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX039288.D

Acq: 16 Dec 2023 14:21

Instrument :

MSVOA_X

ClientSampleId :

YCHE1

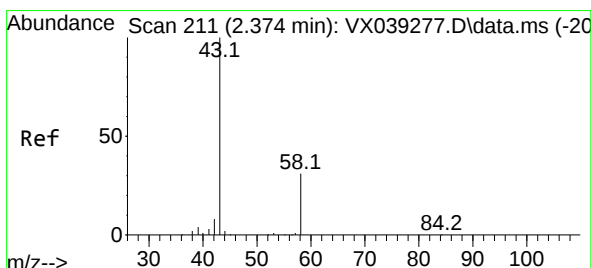
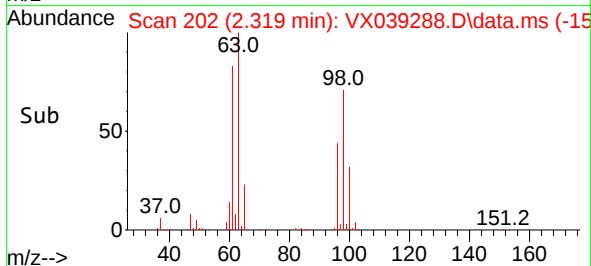
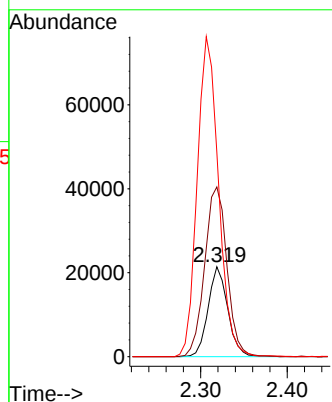
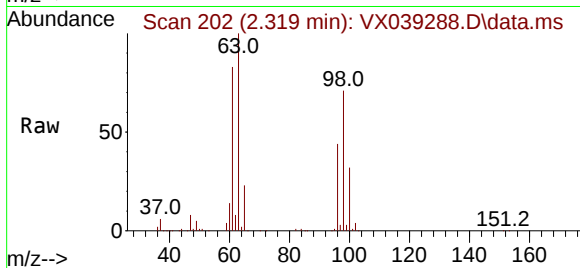
Tgt Ion: 96 Resp: 33708

Ion Ratio Lower Upper

96 100

61 188.7 128.0 237.6

63 227.4 101.5 188.5#



#13

Acetone

Concen: 40.705 ug/L

RT: 2.374 min Scan# 211

Delta R.T. -0.000 min

Lab File: VX039288.D

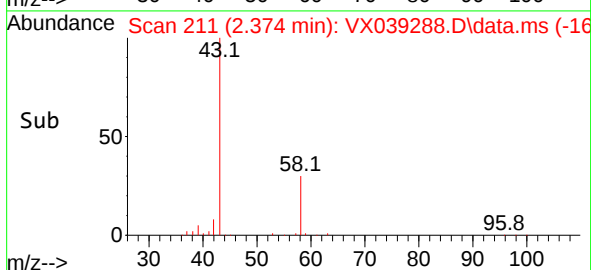
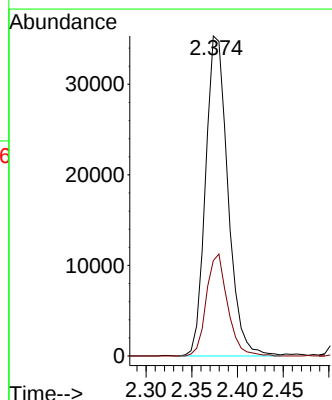
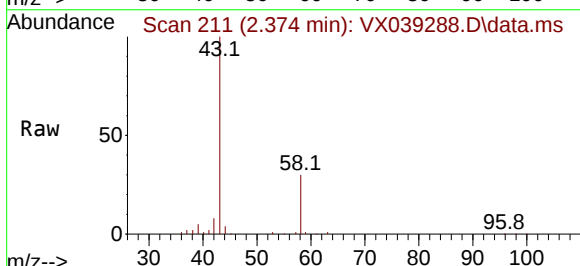
Acq: 16 Dec 2023 14:21

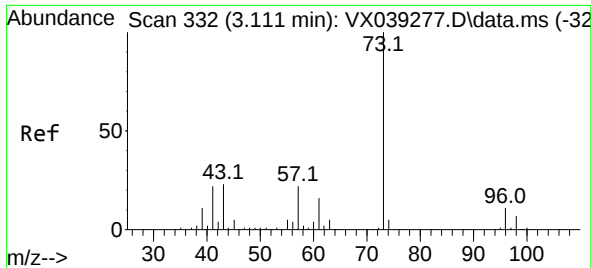
Tgt Ion: 43 Resp: 60112

Ion Ratio Lower Upper

43 100

58 30.1 0.0 65.8

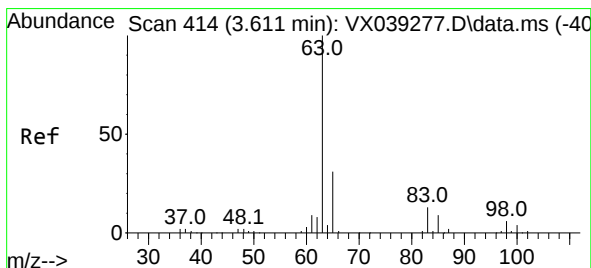
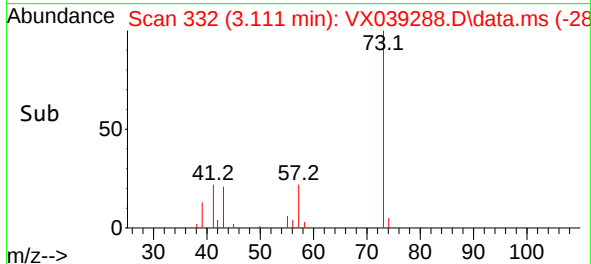
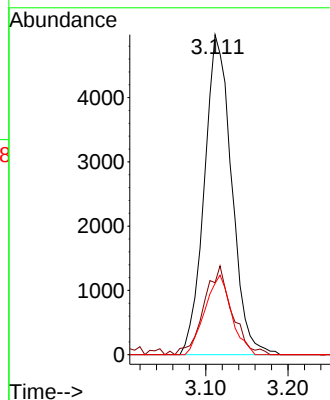
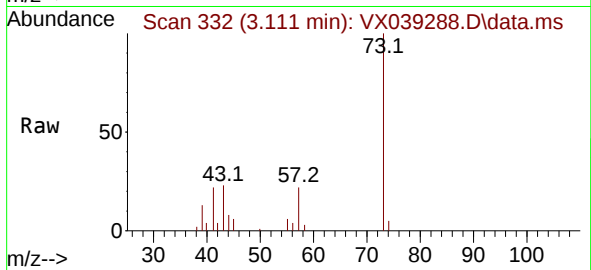




#18
Methyl tert-butyl Ether
Concen: 2.250 ug/L
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX039288.D
Acq: 16 Dec 2023 14:21

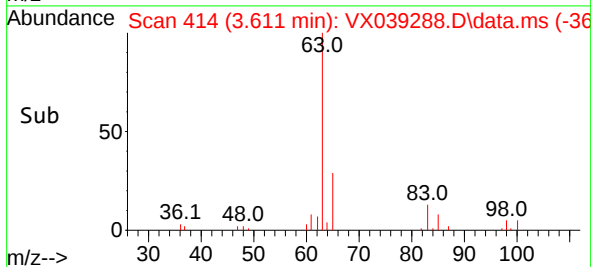
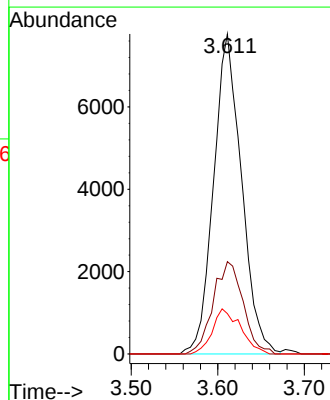
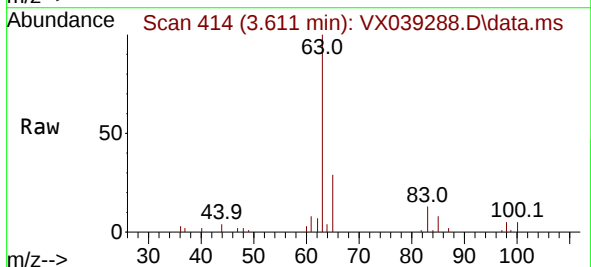
Instrument :
MSVOA_X
ClientSampleId :
YCHE1

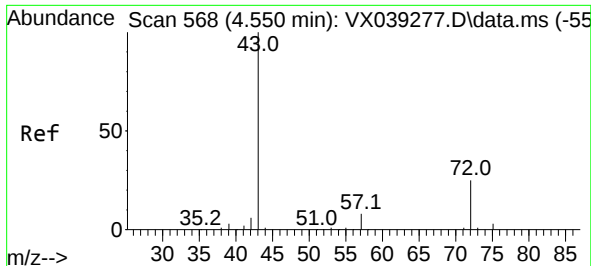
Tgt Ion: 73 Resp: 11510
Ion Ratio Lower Upper
73 100
43 27.9 16.9 25.3#
57 24.2 18.5 27.7



#19
1,1-Dichloroethane
Concen: 5.982 ug/L
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX039288.D
Acq: 16 Dec 2023 14:21

Tgt Ion: 63 Resp: 17382
Ion Ratio Lower Upper
63 100
65 28.9 21.1 39.3
83 12.6 9.7 17.9

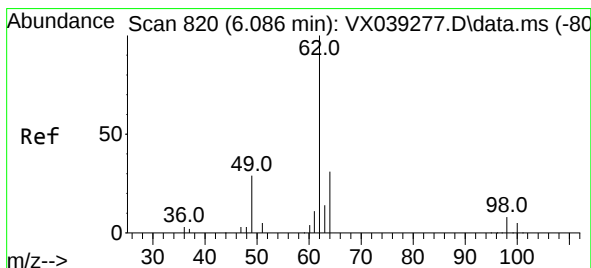
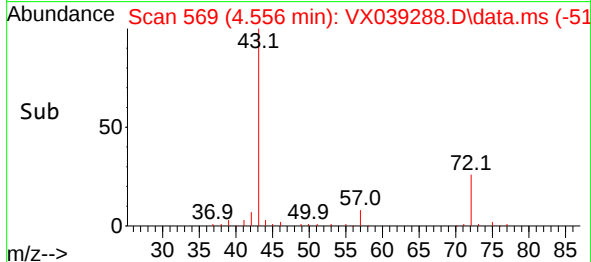
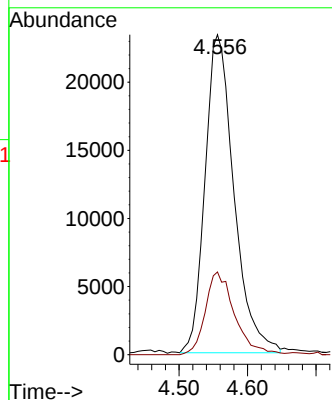
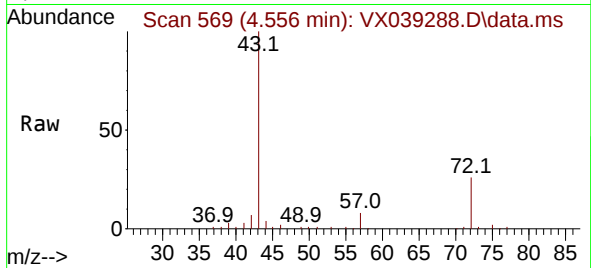




#22
2-Butanone
Concen: 37.798 ug/L
RT: 4.556 min Scan# 50
Delta R.T. 0.012 min
Lab File: VX039288.D
Acq: 16 Dec 2023 14:21

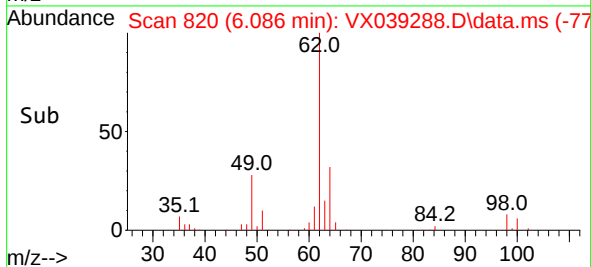
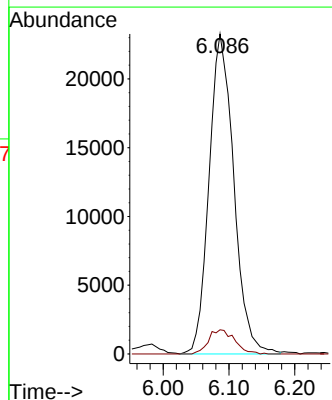
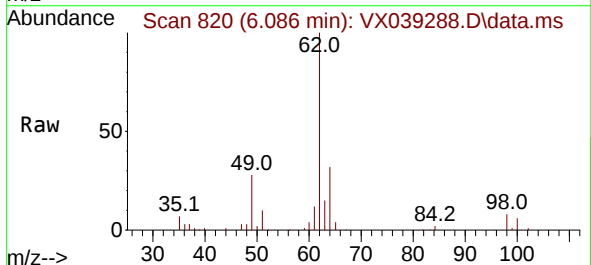
Instrument :
MSVOA_X
ClientSampleId :
YCHE1

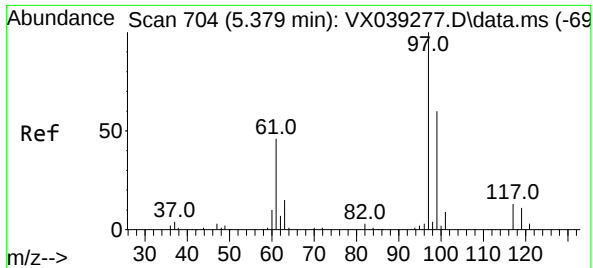
Tgt Ion: 43 Resp: 68504
Ion Ratio Lower Upper
43 100
72 25.8 12.6 37.6



#27
1,2-Dichloroethane
Concen: 26.583 ug/L
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX039288.D
Acq: 16 Dec 2023 14:21

Tgt Ion: 62 Resp: 60811
Ion Ratio Lower Upper
62 100
98 7.6 8.0 12.0#





#30
 1,1,1-Trichloroethane
 Concen: 23.898 ug/L
 RT: 5.385 min Scan# 70
 Delta R.T. 0.012 min
 Lab File: VX039288.D
 Acq: 16 Dec 2023 14:21

Instrument :
 MSVOA_X
 ClientSampleId :
 YCHE1

Tgt Ion: 97 Resp: 58353
 Ion Ratio Lower Upper
 97 100
 99 64.7 51.0 76.4
 61 48.6 36.7 55.1

