

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039287.D
 Acq On : 16 Dec 2023 13:57
 Operator : JC/MD
 Sample : 05845-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 YCHE0

Quant Time: Dec 16 21:12:20 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

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

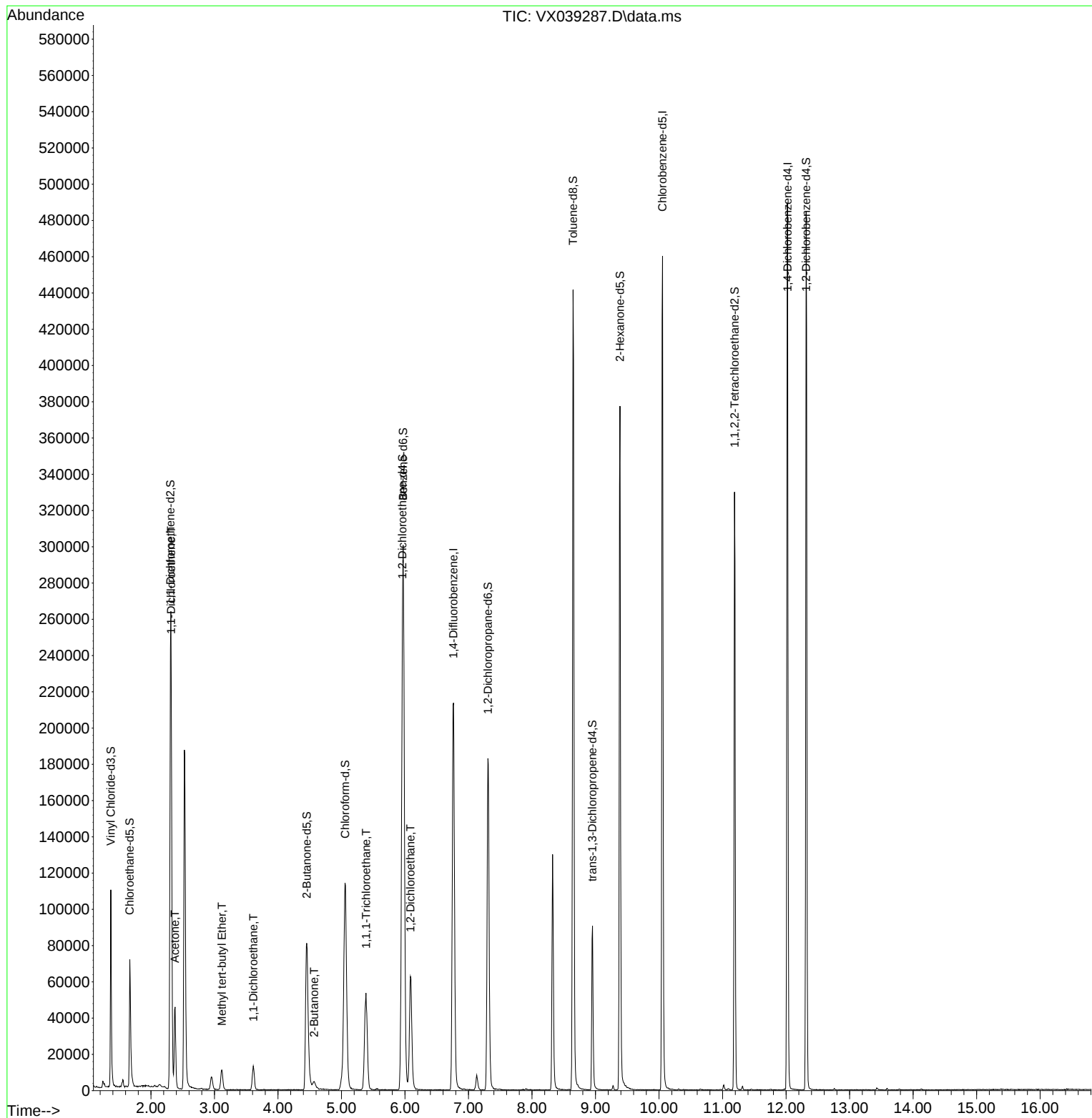
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	212352	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	199073	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	94262	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	68881	41.356	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.720%
7) Chloroethane-d5	1.666	69	51735	42.023	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.040%
11) 1,1-Dichloroethene-d2	2.306	65	34970	47.830	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.660%
21) 2-Butanone-d5	4.452	46	148316	98.374	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.370%
24) Chloroform-d	5.056	84	140854	47.772	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.540%
26) 1,2-Dichloroethane-d4	5.958	65	97271	50.940	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.880%
32) Benzene-d6	5.970	84	289797	47.169	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.340%
36) 1,2-Dichloropropane-d6	7.306	67	93376	47.227	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.460%
41) Toluene-d8	8.647	98	257110	46.179	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.360%
43) trans-1,3-Dichloroprop...	8.952	79	40504	40.256	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.520%
47) 2-Hexanone-d5	9.384	63	104649	88.617	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.620%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	128401	45.778	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.560%
66) 1,2-Dichlorobenzene-d4	12.317	152	86988	48.822	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.640%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.319	96	39392	28.795	ug/L #	77
13) Acetone	2.380	43	47541	32.824	ug/L	96
18) Methyl tert-butyl Ether	3.117	73	11966	2.385	ug/L #	95
19) 1,1-Dichloroethane	3.611	63	14660	5.144	ug/L	91
22) 2-Butanone	4.568	43	5890	3.314	ug/L	91
27) 1,2-Dichloroethane	6.086	62	68884	30.702	ug/L #	94
30) 1,1,1-Trichloroethane	5.385	97	49560	20.518	ug/L	99

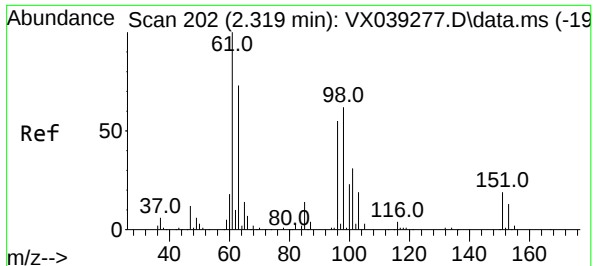
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 28.795 ug/L

RT: 2.319 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX039287.D

Acq: 16 Dec 2023 13:57

Instrument :

MSVOA_X

ClientSampleId :

YCHe0

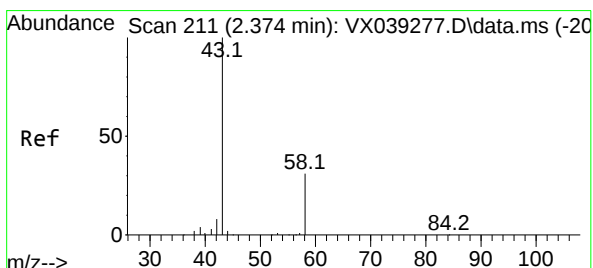
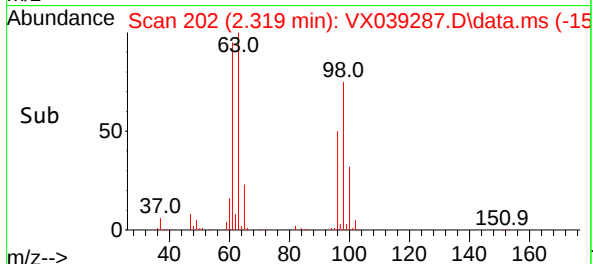
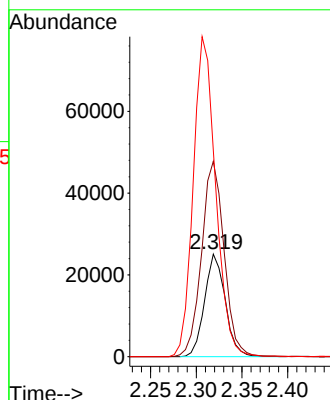
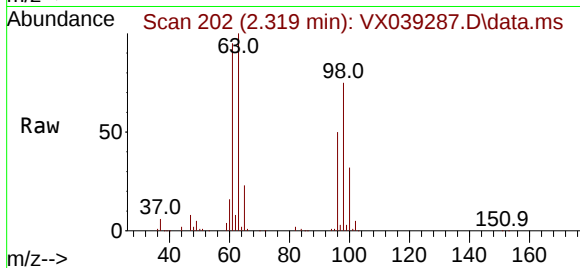
Tgt Ion: 96 Resp: 39392

Ion Ratio Lower Upper

96 100

61 190.6 128.0 237.6

63 201.1 101.5 188.5#



#13

Acetone

Concen: 32.824 ug/L

RT: 2.380 min Scan# 212

Delta R.T. 0.006 min

Lab File: VX039287.D

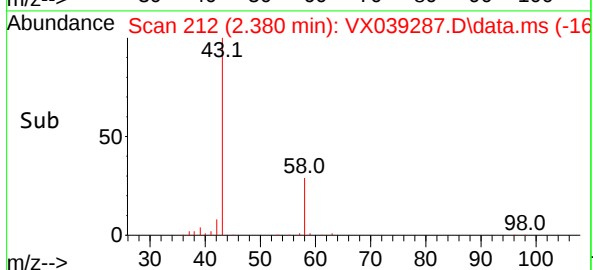
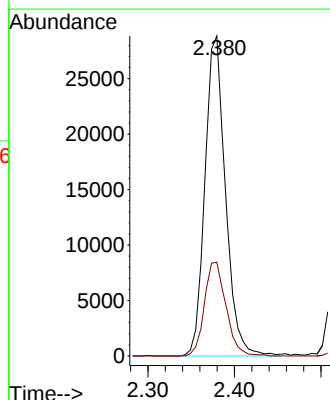
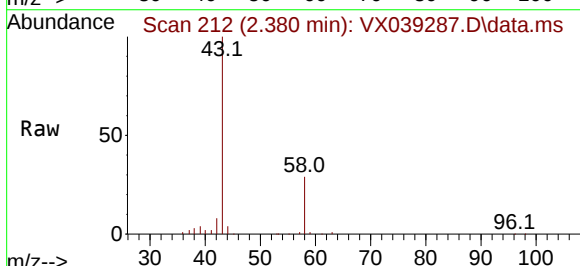
Acq: 16 Dec 2023 13:57

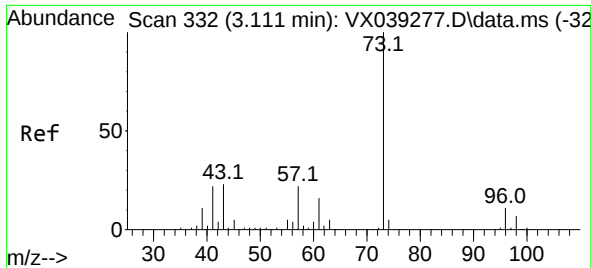
Tgt Ion: 43 Resp: 47541

Ion Ratio Lower Upper

43 100

58 30.7 0.0 65.8

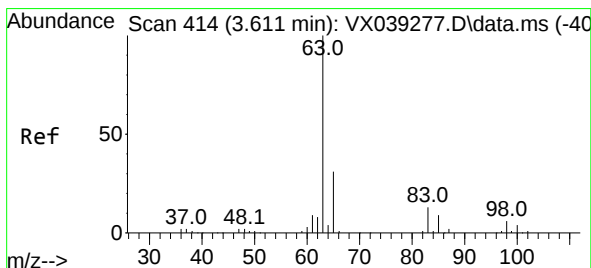
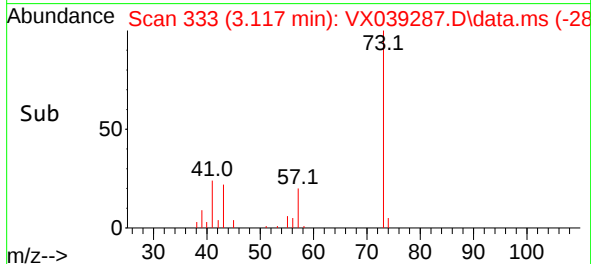
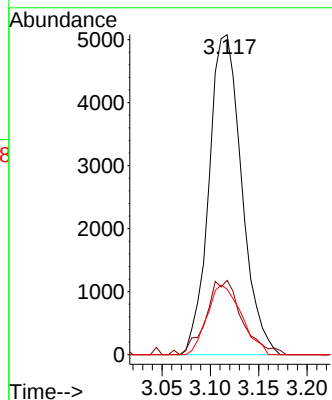
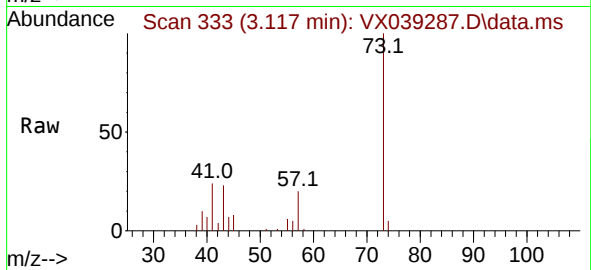




#18
Methyl tert-butyl Ether
Concen: 2.385 ug/L
RT: 3.117 min Scan# 311
Delta R.T. 0.012 min
Lab File: VX039287.D
Acq: 16 Dec 2023 13:57

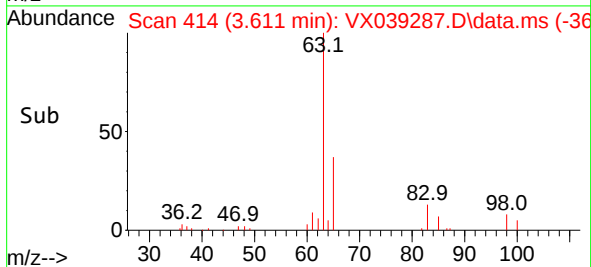
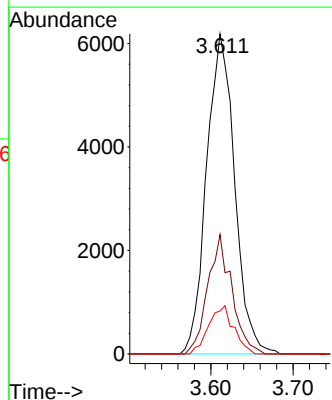
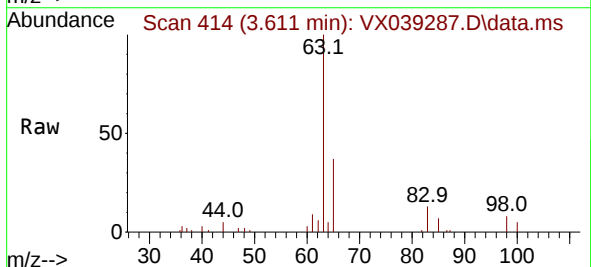
Instrument :
MSVOA_X
ClientSampleId :
YCHE0

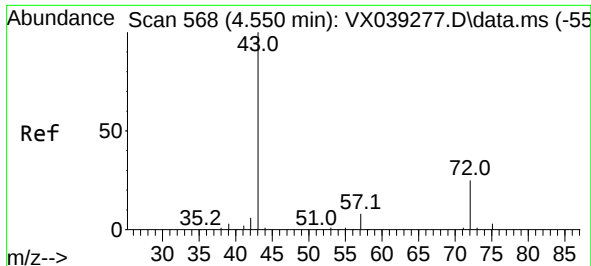
Tgt Ion: 73 Resp: 11966
Ion Ratio Lower Upper
73 100
43 25.5 16.9 25.3#
57 22.7 18.5 27.7



#19
1,1-Dichloroethane
Concen: 5.144 ug/L
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX039287.D
Acq: 16 Dec 2023 13:57

Tgt Ion: 63 Resp: 14660
Ion Ratio Lower Upper
63 100
65 37.3 21.1 39.3
83 13.4 9.7 17.9

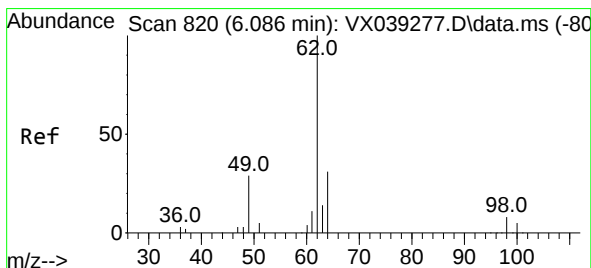
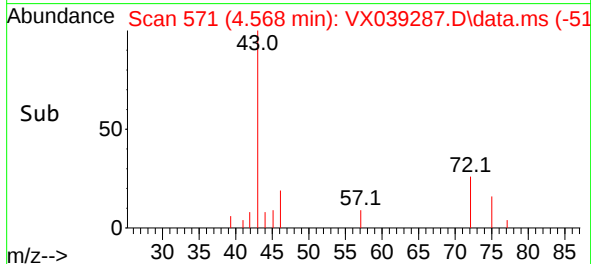
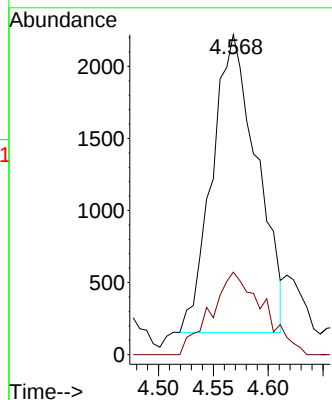
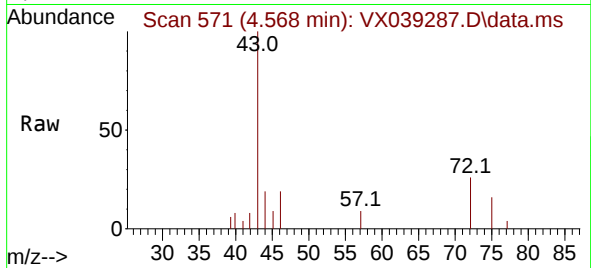




#22
2-Butanone
Concen: 3.314 ug/L
RT: 4.568 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX039287.D
Acq: 16 Dec 2023 13:57

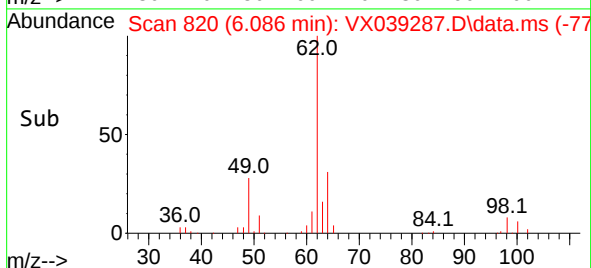
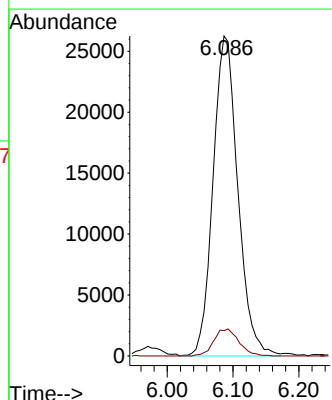
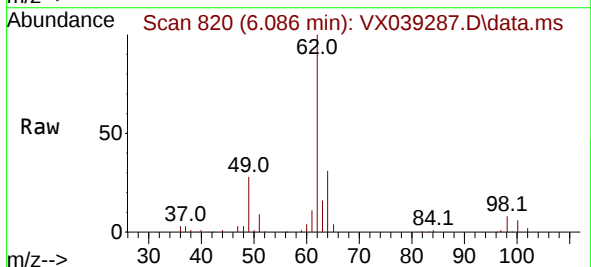
Instrument :
MSVOA_X
ClientSampleId :
YCHE0

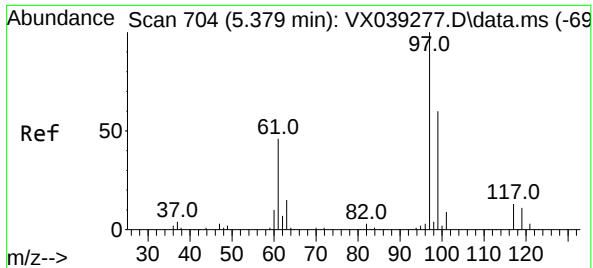
Tgt Ion: 43 Resp: 5890
Ion Ratio Lower Upper
43 100
72 29.4 12.6 37.6



#27
1,2-Dichloroethane
Concen: 30.702 ug/L
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX039287.D
Acq: 16 Dec 2023 13:57

Tgt Ion: 62 Resp: 68884
Ion Ratio Lower Upper
62 100
98 7.9 8.0 12.0#





#30
 1,1,1-Trichloroethane
 Concen: 20.518 ug/L
 RT: 5.385 min Scan# 70
 Delta R.T. 0.012 min
 Lab File: VX039287.D
 Acq: 16 Dec 2023 13:57

Instrument :
 MSVOA_X
 ClientSampleId :
 YCHE0

Tgt Ion: 97 Resp: 49560
 Ion Ratio Lower Upper
 97 100
 99 64.0 51.0 76.4
 61 47.8 36.7 55.1

