

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039259.D
 Acq On : 16 Dec 2023 03:09
 Operator : JC/MD
 Sample : 05845-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 YCHE0

Quant Time: Dec 16 04:21:29 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)

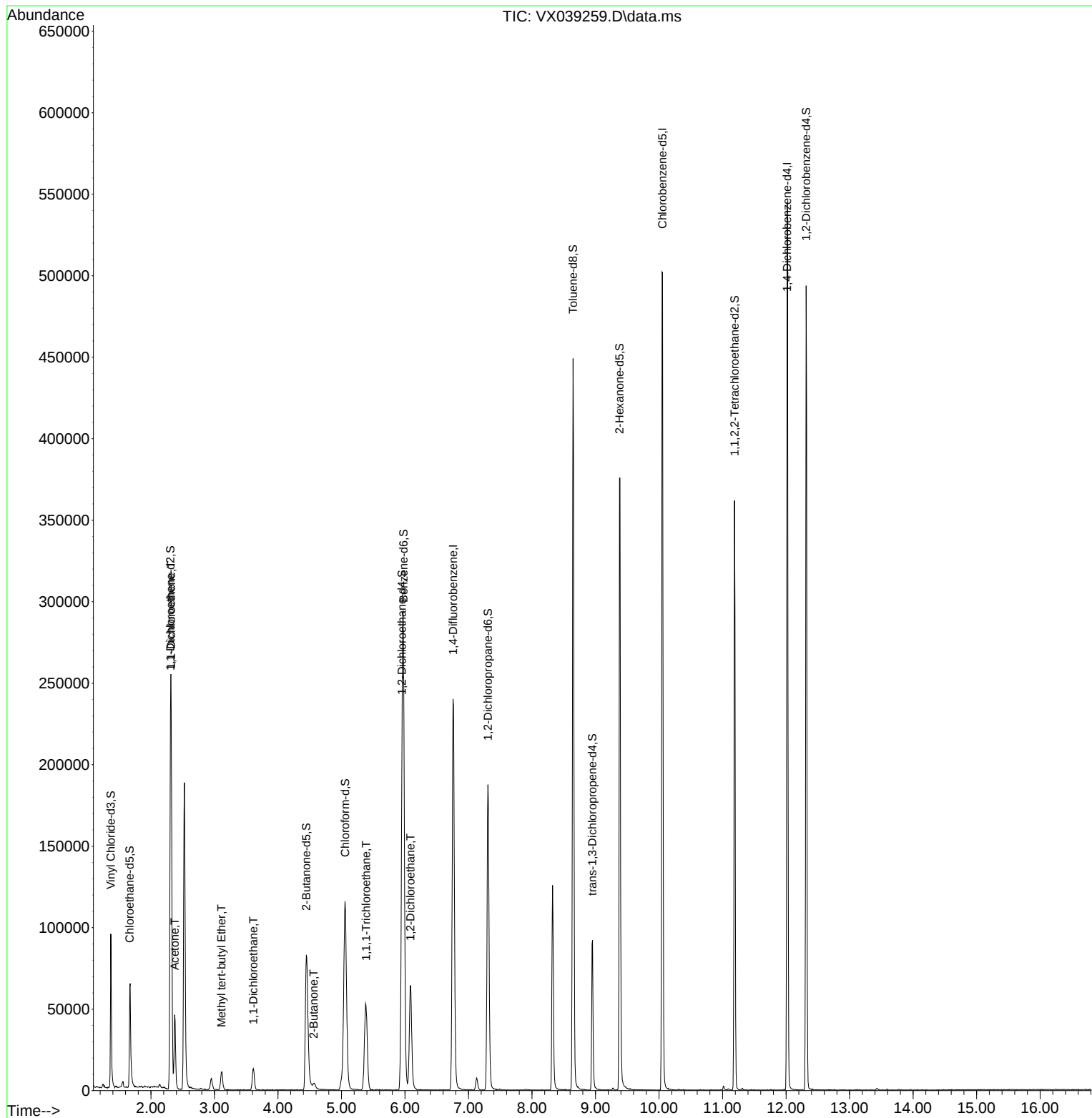
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	235637	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	217374	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	100398	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	62112	33.607	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.220%
7) Chloroethane-d5	1.666	69	49210	36.022	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	72.040%
11) 1,1-Dichloroethene-d2	2.307	65	32520	40.084	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.160%
21) 2-Butanone-d5	4.446	46	152180	90.963	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.960%
24) Chloroform-d	5.056	84	142802	43.647	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.300%
26) 1,2-Dichloroethane-d4	5.952	65	100914	47.626	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.260%
32) Benzene-d6	5.977	84	286310	42.678	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.360%
36) 1,2-Dichloropropane-d6	7.306	67	93979	43.530	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.060%
41) Toluene-d8	8.647	98	256332	42.163	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.320%
43) trans-1,3-Dichloroprop...	8.952	79	43108	39.237	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.480%
47) 2-Hexanone-d5	9.378	63	107341	83.244	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.240%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	136836	44.678	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.360%
66) 1,2-Dichlorobenzene-d4	12.317	152	89401	47.110	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.220%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.319	96	40112	26.424	ug/L #	76
13) Acetone	2.374	43	46855	29.153	ug/L	97
18) Methyl tert-butyl Ether	3.111	73	11699	2.101	ug/L #	94
19) 1,1-Dichloroethane	3.611	63	15103	4.776	ug/L	95
22) 2-Butanone	4.562	43	7272	3.687	ug/L	83
27) 1,2-Dichloroethane	6.086	62	70437	28.292	ug/L	95
30) 1,1,1-Trichloroethane	5.385	97	51013	19.342	ug/L	99

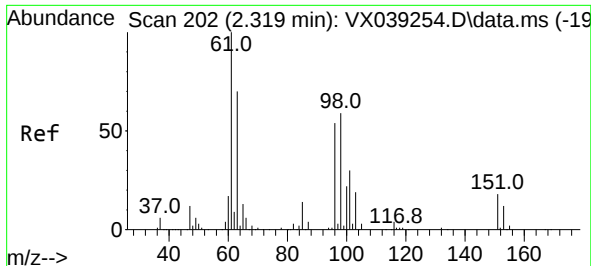
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 26.424 ug/L

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX039259.D

Acq: 16 Dec 2023 03:09

Instrument :

MSVOA_X

ClientSampleId :

YCCE0

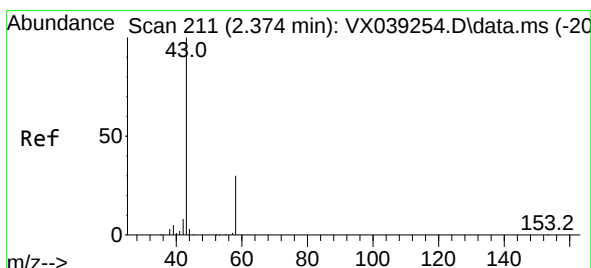
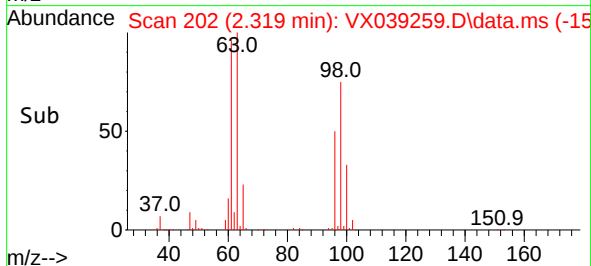
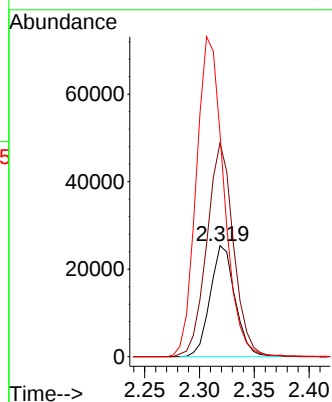
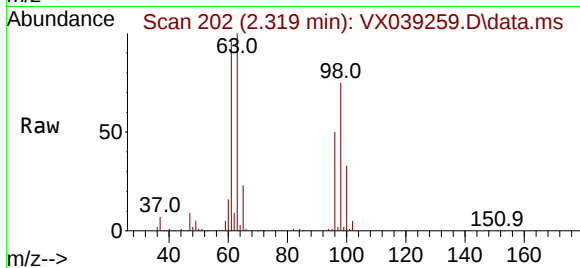
Tgt Ion: 96 Resp: 40112

Ion Ratio Lower Upper

96 100

61 192.4 128.0 237.6

63 200.7 101.5 188.5#



#13

Acetone

Concen: 29.153 ug/L

RT: 2.374 min Scan# 211

Delta R.T. -0.000 min

Lab File: VX039259.D

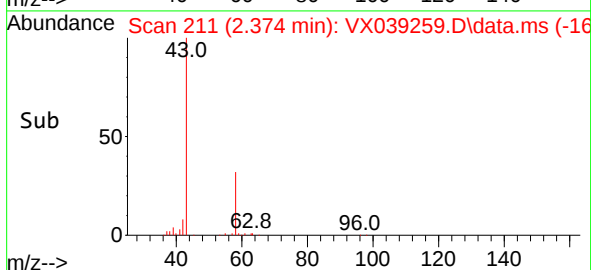
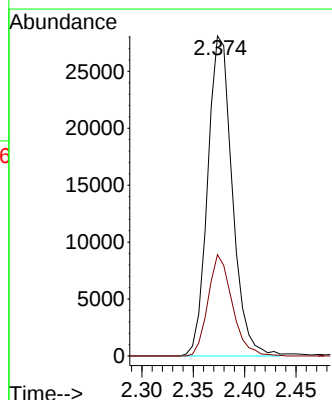
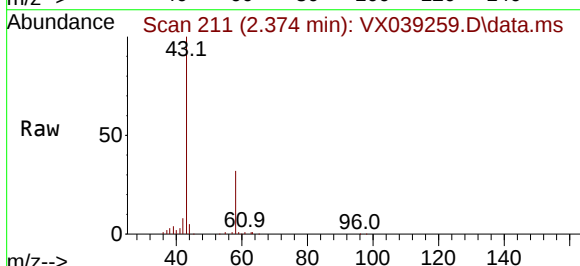
Acq: 16 Dec 2023 03:09

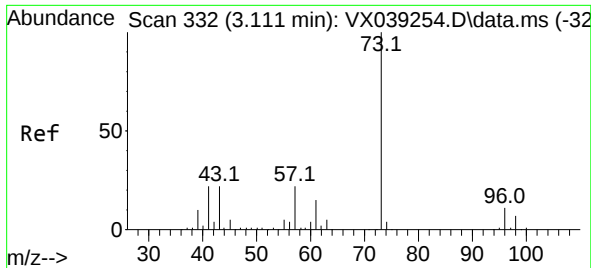
Tgt Ion: 43 Resp: 46855

Ion Ratio Lower Upper

43 100

58 31.0 0.0 65.8

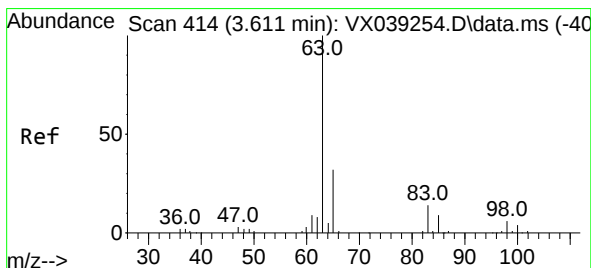
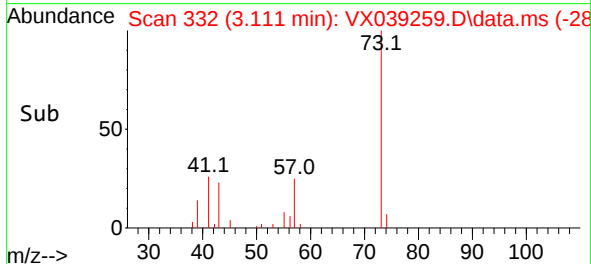
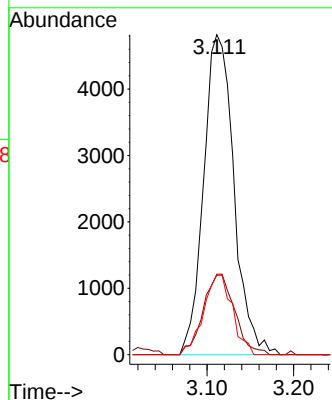
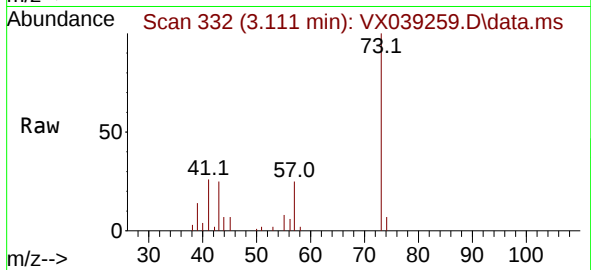




#18
Methyl tert-butyl Ether
Concen: 2.101 ug/L
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX039259.D
Acq: 16 Dec 2023 03:09

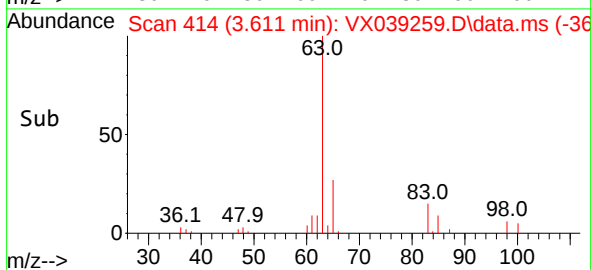
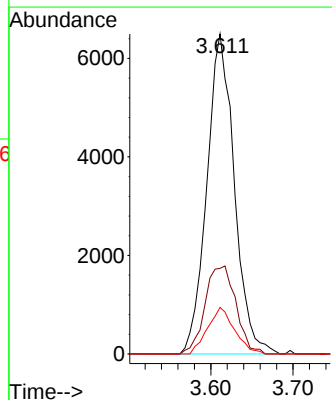
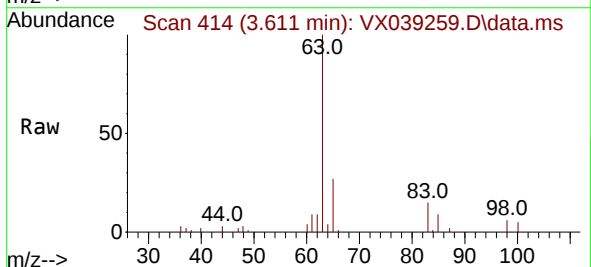
Instrument :
MSVOA_X
ClientSampleId :
YCHE0

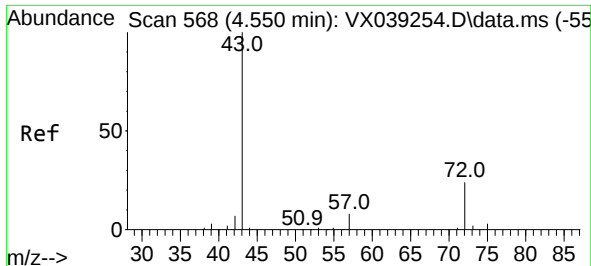
Tgt Ion: 73	Resp: 11699
Ion Ratio	Lower Upper
73 100	
43 26.1	16.9 25.3#
57 23.7	18.5 27.7



#19
1,1-Dichloroethane
Concen: 4.776 ug/L
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX039259.D
Acq: 16 Dec 2023 03:09

Tgt Ion: 63	Resp: 15103
Ion Ratio	Lower Upper
63 100	
65 26.8	21.1 39.3
83 14.6	9.7 17.9

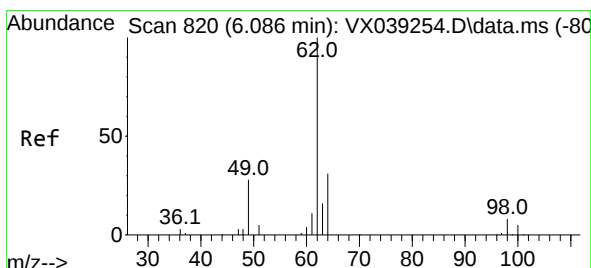
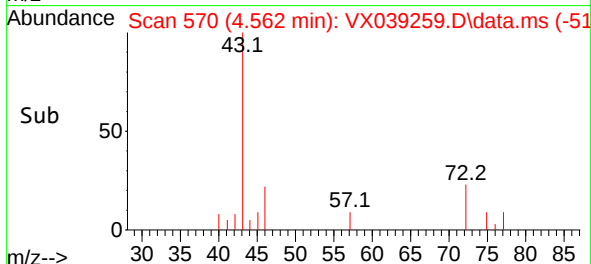
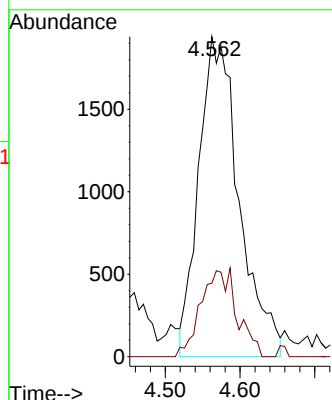
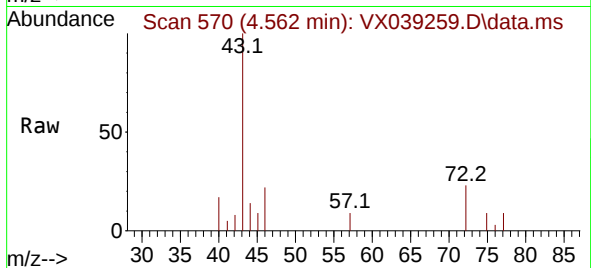




#22
2-Butanone
Concen: 3.687 ug/L
RT: 4.562 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX039259.D
Acq: 16 Dec 2023 03:09

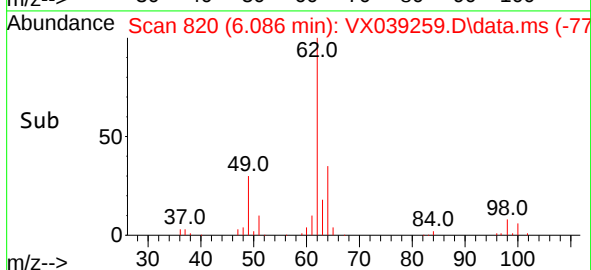
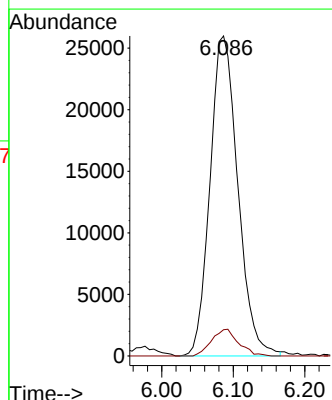
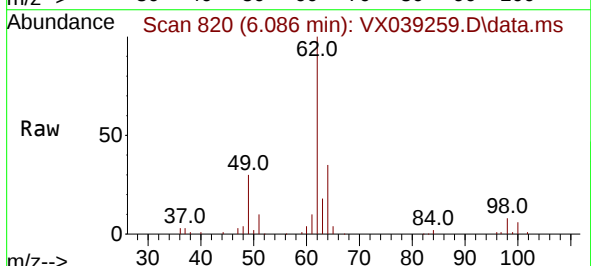
Instrument :
MSVOA_X
ClientSampleId :
YCHE0

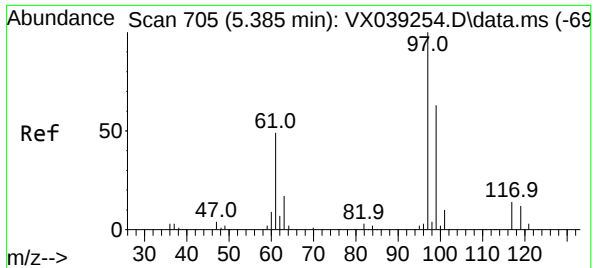
Tgt Ion: 43 Resp: 7272
Ion Ratio Lower Upper
43 100
72 16.6 12.6 37.6



#27
1,2-Dichloroethane
Concen: 28.292 ug/L
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX039259.D
Acq: 16 Dec 2023 03:09

Tgt Ion: 62 Resp: 70437
Ion Ratio Lower Upper
62 100
98 8.2 8.0 12.0





#30
 1,1,1-Trichloroethane
 Concen: 19.342 ug/L
 RT: 5.385 min Scan# 70
 Delta R.T. 0.012 min
 Lab File: VX039259.D
 Acq: 16 Dec 2023 03:09

Instrument :
 MSVOA_X
 ClientSampleId :
 YCHE0

Tgt Ion:	97	Resp:	51013
Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.0	76.4
61	47.5	36.7	55.1

