

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039238.D
 Acq On : 15 Dec 2023 19:07
 Operator : JC/MD
 Sample : 05844-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 YCHG2

Quant Time: Dec 16 01:52:36 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)

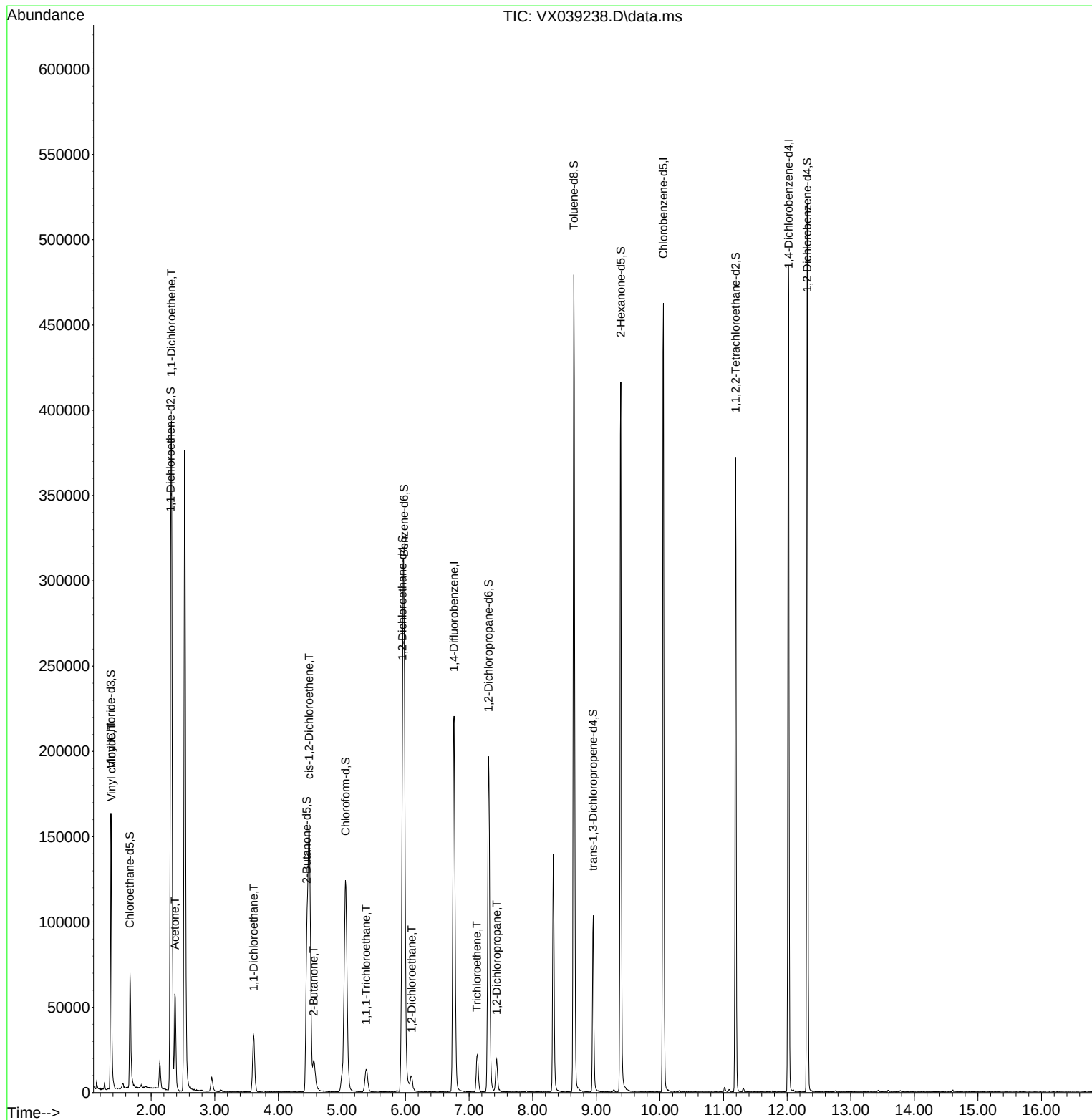
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	214484	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	197160	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	92221	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	66947	39.795	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.600%
7) Chloroethane-d5	1.666	69	52159	41.947	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.900%
11) 1,1-Dichloroethene-d2	2.306	65	35762	48.427	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.860%
21) 2-Butanone-d5	4.446	46	161450	106.021	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.020%
24) Chloroform-d	5.056	84	153411	51.514	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.020%
26) 1,2-Dichloroethane-d4	5.952	65	105834	54.874	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.740%
32) Benzene-d6	5.977	84	301889	49.614	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.220%
36) 1,2-Dichloropropane-d6	7.306	67	99954	51.044	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.080%
41) Toluene-d8	8.647	98	272391	49.398	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.800%
43) trans-1,3-Dichloroprop...	8.952	79	46883	47.048	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.100%
47) 2-Hexanone-d5	9.384	63	115765	98.981	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.980%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	140977	50.750	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.500%
66) 1,2-Dichlorobenzene-d4	12.317	152	93257	53.499	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.000%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.374	62	44677	25.355	ug/L	93
12) 1,1-Dichloroethene	2.319	96	90809	65.721	ug/L	90
13) Acetone	2.374	43	58980	40.317	ug/L	96
19) 1,1-Dichloroethane	3.611	63	37073	12.879	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	81524	48.279	ug/L	96
22) 2-Butanone	4.556	43	31724	17.670	ug/L	99
27) 1,2-Dichloroethane	6.098	62	9932	4.383	ug/L #	94
30) 1,1,1-Trichloroethane	5.379	97	12493	5.222	ug/L	96
34) Trichloroethene	7.123	95	8787	5.307	ug/L	96
37) 1,2-Dichloropropane	7.434	63	7441	4.282	ug/L	99

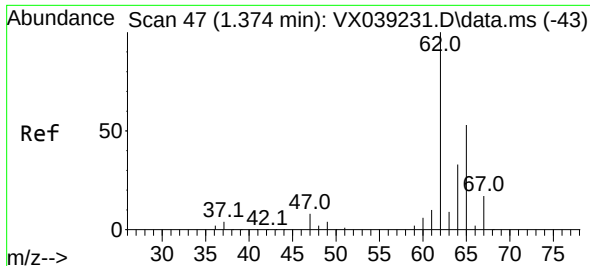
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Dec 12 03:50:51 2023
Response via : Initial Calibration

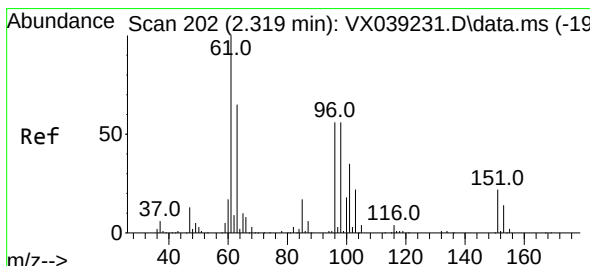
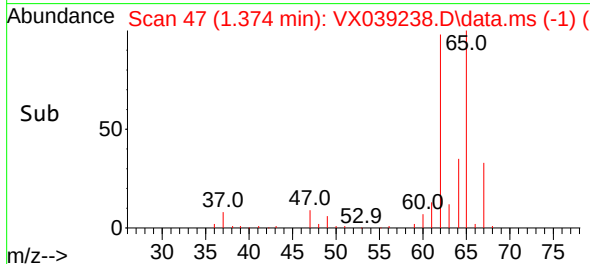
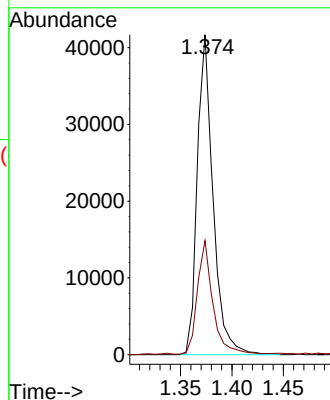
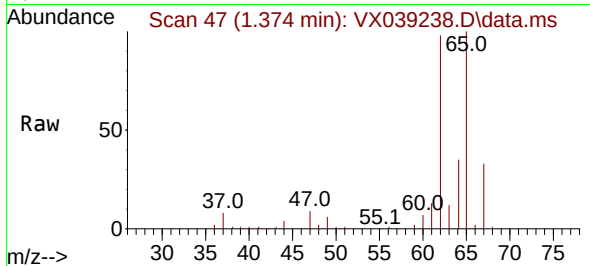




#5
 Vinyl chloride
 Concen: 25.355 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX039238.D
 Acq: 15 Dec 2023 19:07

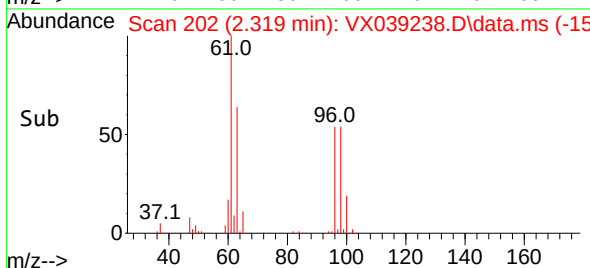
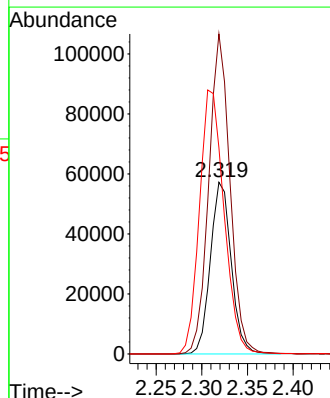
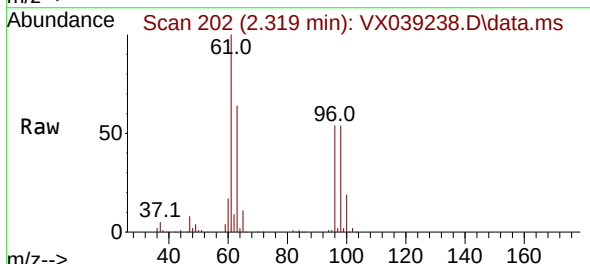
Instrument :
 MSVOA_X
 ClientSampleId :
 YCHG2

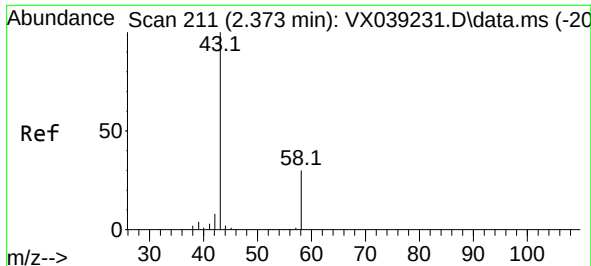
Tgt Ion: 62 Resp: 44677
 Ion Ratio Lower Upper
 62 100
 64 35.7 22.3 41.3



#12
 1,1-Dichloroethene
 Concen: 65.721 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX039238.D
 Acq: 15 Dec 2023 19:07

Tgt Ion: 96 Resp: 90809
 Ion Ratio Lower Upper
 96 100
 61 186.4 128.0 237.6
 63 120.2 101.5 188.5





#13

Acetone

Concen: 40.317 ug/L

RT: 2.374 min Scan# 211

Delta R.T. -0.000 min

Lab File: VX039238.D

Acq: 15 Dec 2023 19:07

Instrument :

MSVOA_X

ClientSampleId :

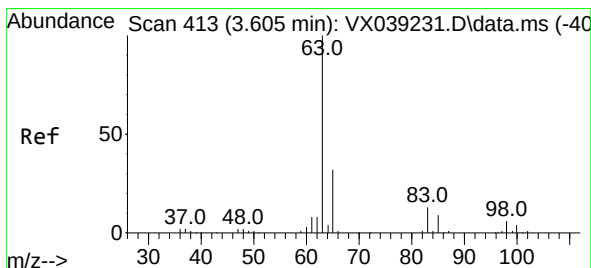
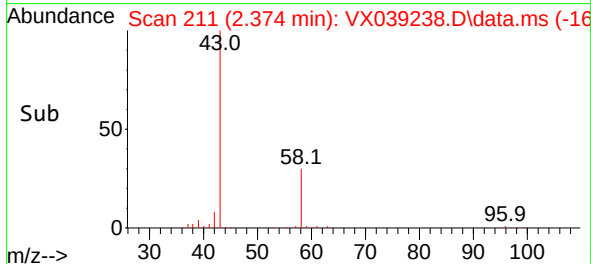
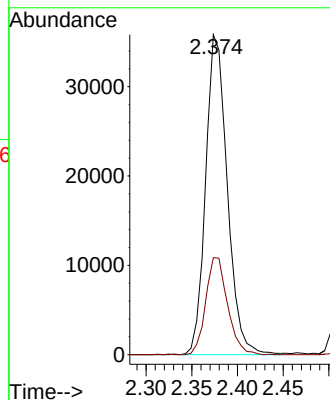
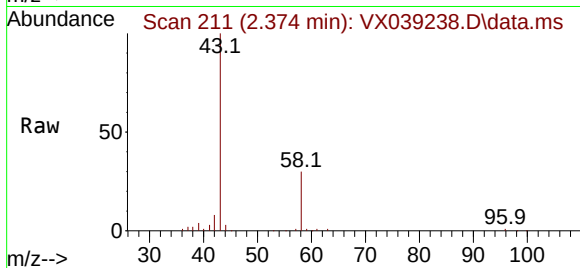
YCHG2

Tgt Ion: 43 Resp: 58980

Ion Ratio Lower Upper

43 100

58 30.5 0.0 65.8



#19

1,1-Dichloroethane

Concen: 12.879 ug/L

RT: 3.611 min Scan# 414

Delta R.T. 0.006 min

Lab File: VX039238.D

Acq: 15 Dec 2023 19:07

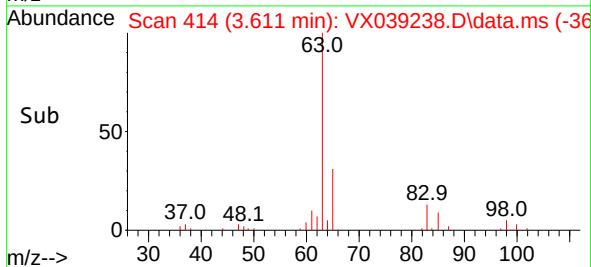
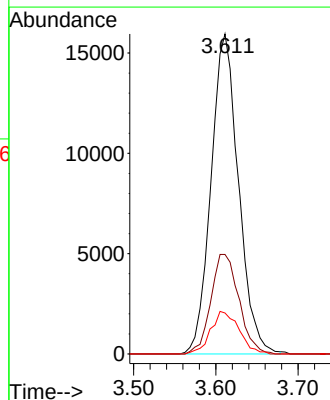
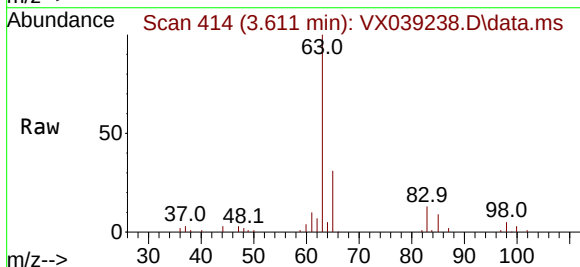
Tgt Ion: 63 Resp: 37073

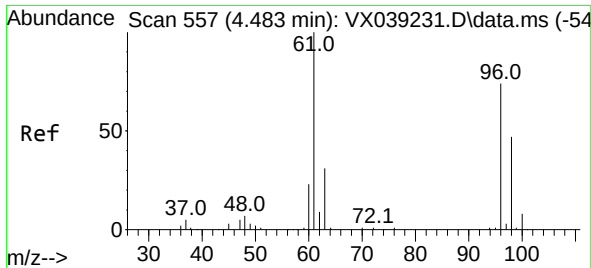
Ion Ratio Lower Upper

63 100

65 31.1 21.1 39.3

83 12.8 9.7 17.9



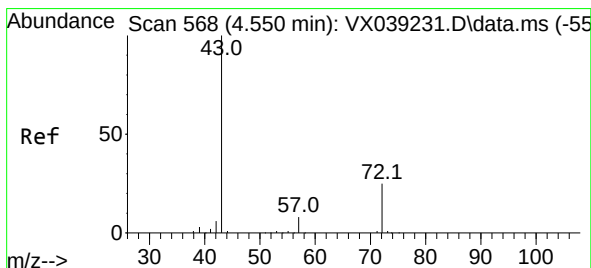
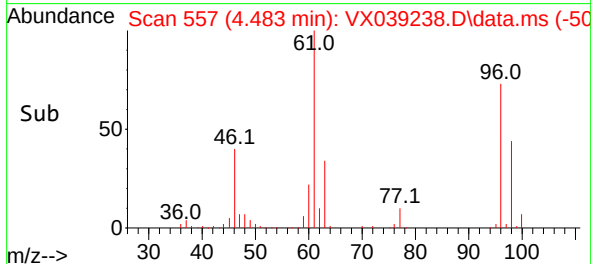
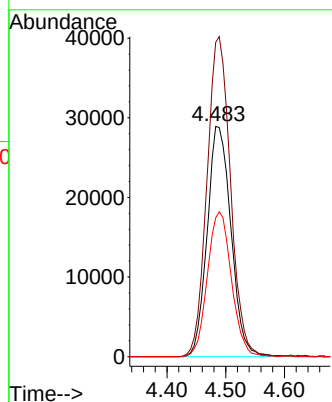
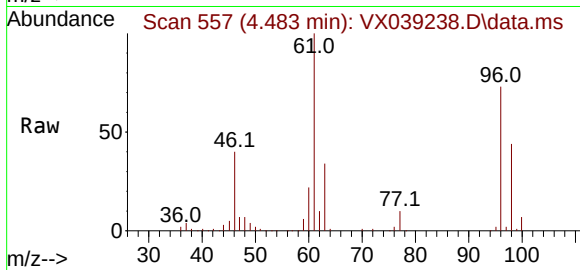


#20
 cis-1,2-Dichloroethene
 Concen: 48.279 ug/L
 RT: 4.483 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VX039238.D
 Acq: 15 Dec 2023 19:07

Instrument :
 MSVOA_X
 ClientSampleId :
 YCHG2

Tgt Ion: 96 Resp: 81524

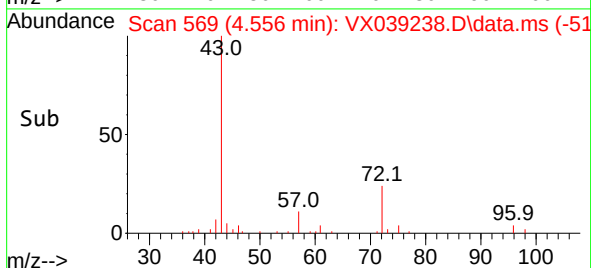
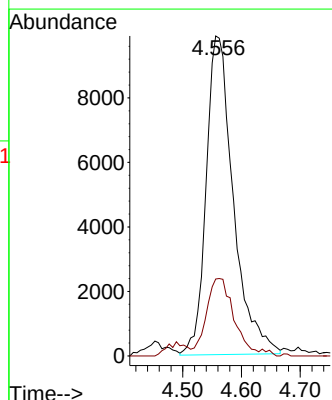
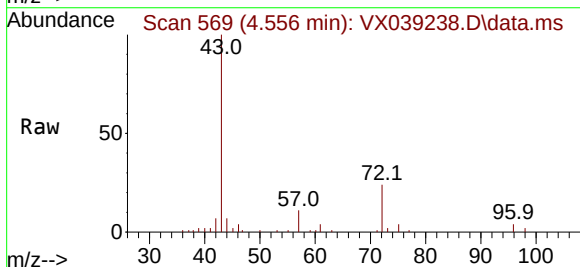
Ion	Ratio	Lower	Upper
96	100		
61	136.5	91.7	170.3
98	60.3	44.2	82.2

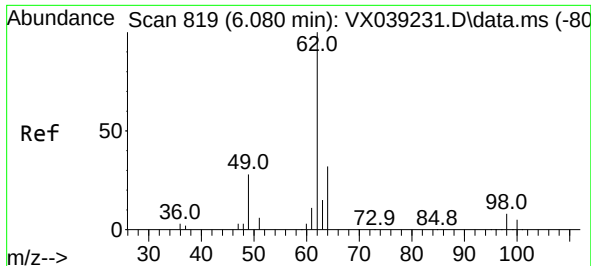


#22
 2-Butanone
 Concen: 17.670 ug/L
 RT: 4.556 min Scan# 569
 Delta R.T. 0.012 min
 Lab File: VX039238.D
 Acq: 15 Dec 2023 19:07

Tgt Ion: 43 Resp: 31724

Ion	Ratio	Lower	Upper
43	100		
72	24.4	12.6	37.6

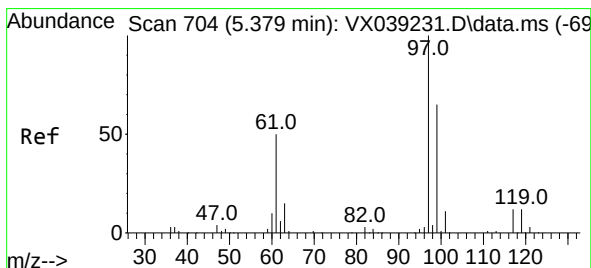
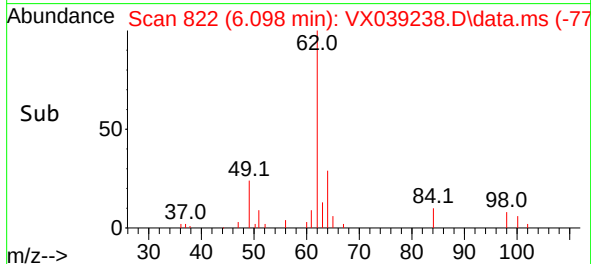
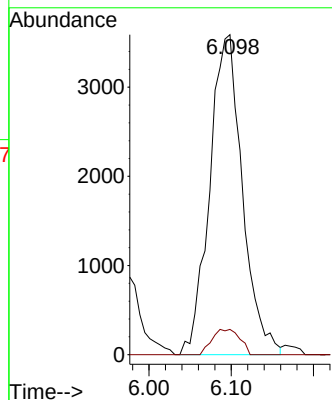
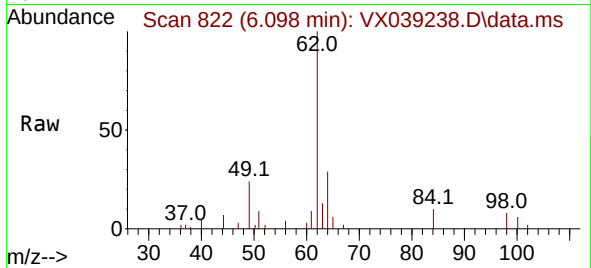




#27
1,2-Dichloroethane
Concen: 4.383 ug/L
RT: 6.098 min Scan# 819
Delta R.T. 0.018 min
Lab File: VX039238.D
Acq: 15 Dec 2023 19:07

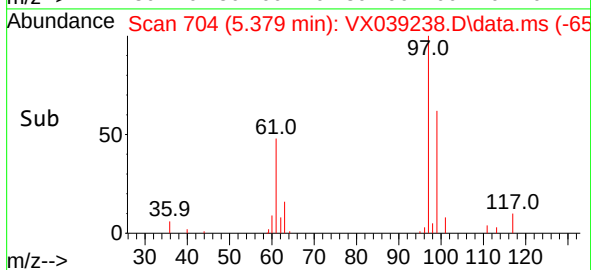
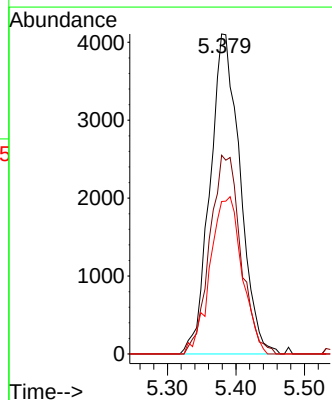
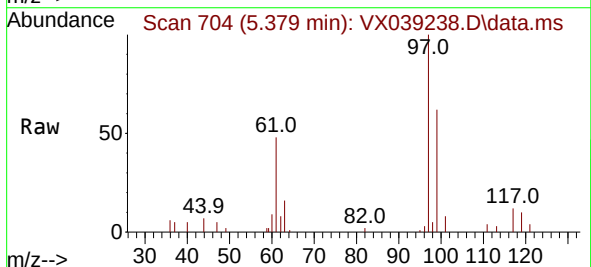
Instrument :
MSVOA_X
ClientSampleId :
YCHG2

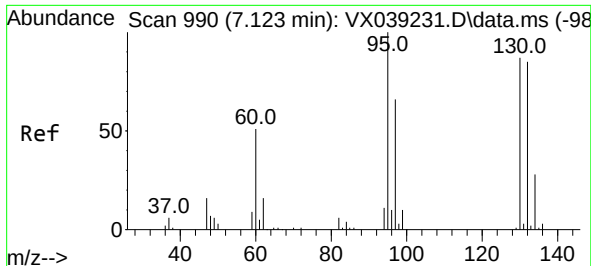
Tgt Ion: 62 Resp: 9932
Ion Ratio Lower Upper
62 100
98 7.9 8.0 12.0#



#30
1,1,1-Trichloroethane
Concen: 5.222 ug/L
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX039238.D
Acq: 15 Dec 2023 19:07

Tgt Ion: 97 Resp: 12493
Ion Ratio Lower Upper
97 100
99 64.1 51.0 76.4
61 52.1 36.7 55.1



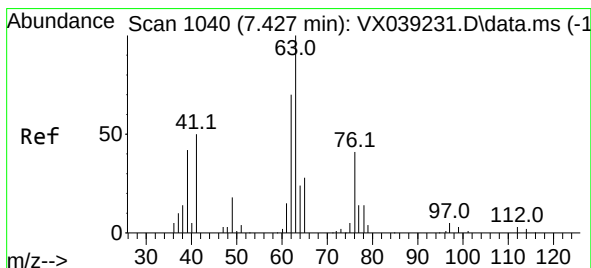
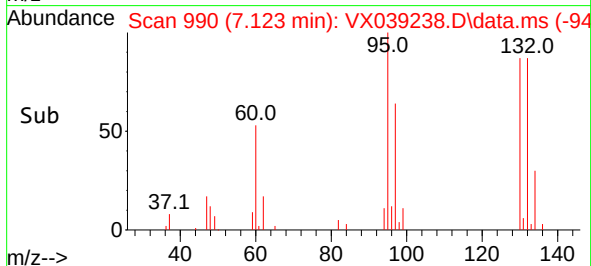
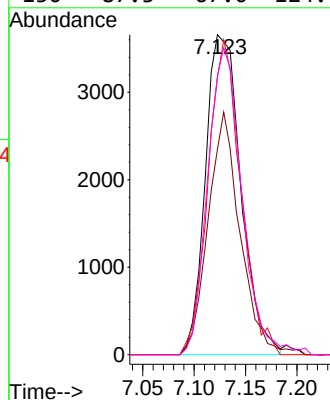
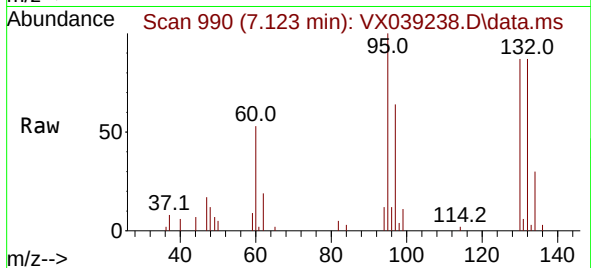


#34
Trichloroethene
Concen: 5.307 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX039238.D
Acq: 15 Dec 2023 19:07

Instrument :
MSVOA_X
ClientSampleId :
YCHG2

Tgt Ion: 95 Resp: 8787

Ion	Ratio	Lower	Upper
95	100		
97	64.2	45.5	84.5
132	86.6	62.2	115.4
130	87.3	67.0	124.4



#37
1,2-Dichloropropane
Concen: 4.282 ug/L
RT: 7.434 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VX039238.D
Acq: 15 Dec 2023 19:07

Tgt Ion: 63 Resp: 7441

Ion	Ratio	Lower	Upper
63	100		
112	3.1	2.8	4.2

