

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039239.D
 Acq On : 15 Dec 2023 19:30
 Operator : JC/MD
 Sample : 05844-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 YCHG3

Quant Time: Dec 16 01:52:44 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)

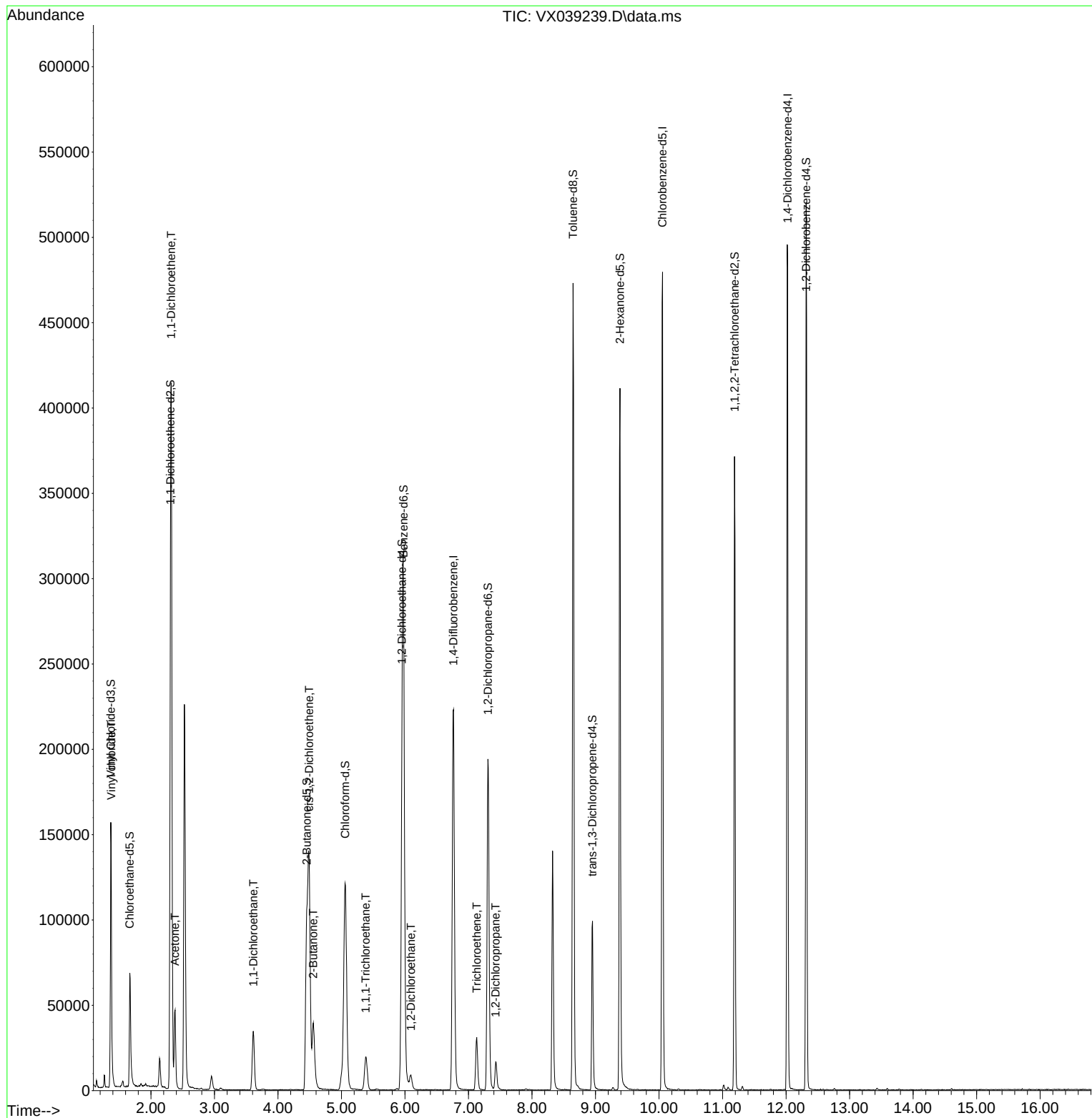
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	220522	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	202199	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	94848	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	66896	38.676	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.360%
7) Chloroethane-d5	1.666	69	52349	40.947	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.900%
11) 1,1-Dichloroethene-d2	2.306	65	35279	46.465	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.940%
21) 2-Butanone-d5	4.452	46	157955	100.886	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.890%
24) Chloroform-d	5.056	84	151693	49.542	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.080%
26) 1,2-Dichloroethane-d4	5.952	65	105537	53.222	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.440%
32) Benzene-d6	5.976	84	302790	48.522	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.040%
36) 1,2-Dichloropropane-d6	7.306	67	99449	49.520	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.040%
41) Toluene-d8	8.647	98	271183	47.954	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.900%
43) trans-1,3-Dichloroprop...	8.952	79	47111	46.098	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.200%
47) 2-Hexanone-d5	9.384	63	113984	95.030	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.030%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	142421	49.992	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.980%
66) 1,2-Dichlorobenzene-d4	12.317	152	94346	52.625	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.240%
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	43879	24.221	ug/L	98
12) 1,1-Dichloroethene	2.319	96	97138	68.377	ug/L	88
13) Acetone	2.380	43	48812	32.453	ug/L	95
19) 1,1-Dichloroethane	3.611	63	38871	13.134	ug/L	96
20) cis-1,2-Dichloroethene	4.489	96	70956	40.870	ug/L	96
22) 2-Butanone	4.556	43	68772	37.256	ug/L	100
27) 1,2-Dichloroethane	6.092	62	8832	3.791	ug/L #	91
30) 1,1,1-Trichloroethane	5.379	97	18115	7.384	ug/L	97
34) Trichloroethene	7.129	95	12140	7.149	ug/L	95
37) 1,2-Dichloropropane	7.427	63	7031	3.945	ug/L	98

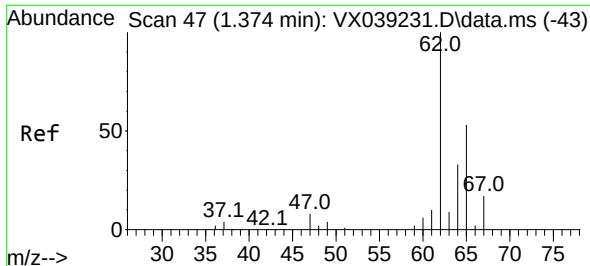
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

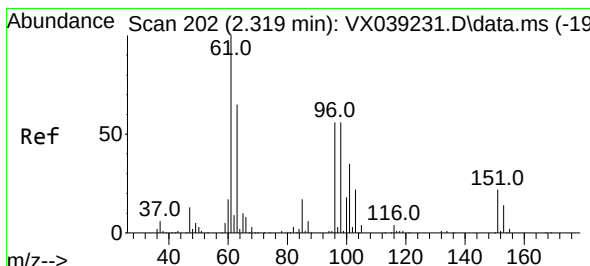
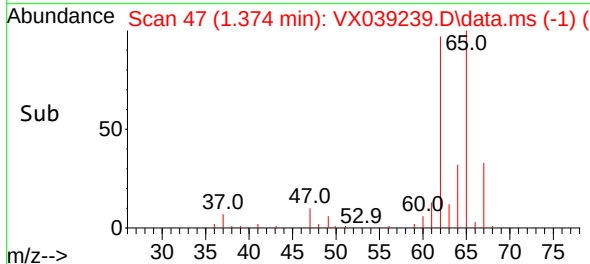
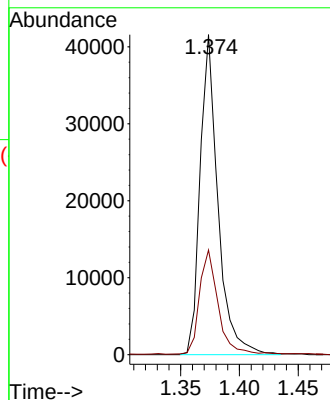
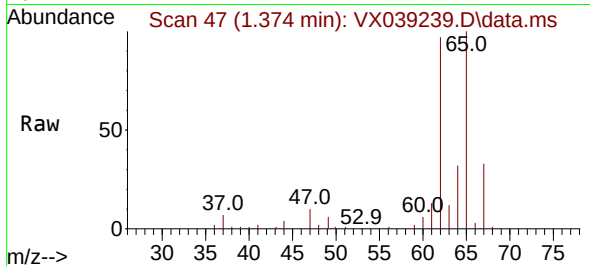




#5
 Vinyl chloride
 Concen: 24.221 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX039239.D
 Acq: 15 Dec 2023 19:30

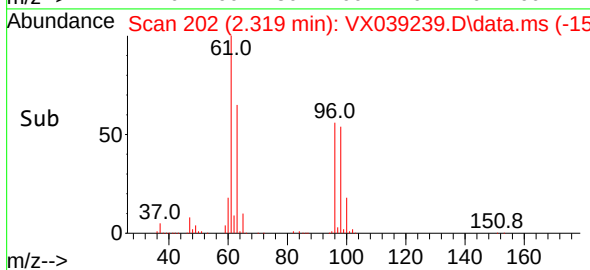
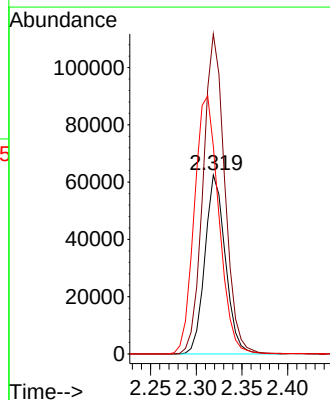
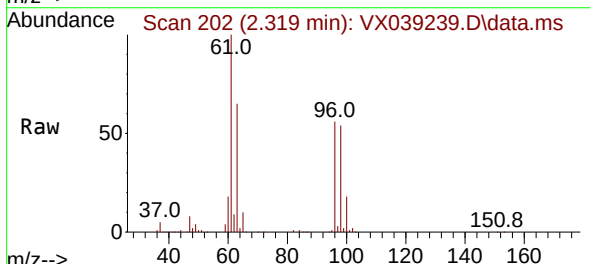
Instrument :
 MSVOA_X
 ClientSampleId :
 YCHG3

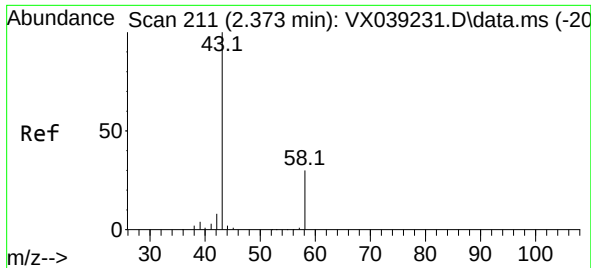
Tgt Ion: 62 Resp: 43879
 Ion Ratio Lower Upper
 62 100
 64 32.7 22.3 41.3



#12
 1,1-Dichloroethene
 Concen: 68.377 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX039239.D
 Acq: 15 Dec 2023 19:30

Tgt Ion: 96 Resp: 97138
 Ion Ratio Lower Upper
 96 100
 61 178.8 128.0 237.6
 63 116.0 101.5 188.5





#13

Acetone

Concen: 32.453 ug/L

RT: 2.380 min Scan# 211

Delta R.T. 0.006 min

Lab File: VX039239.D

Acq: 15 Dec 2023 19:30

Instrument :

MSVOA_X

ClientSampleId :

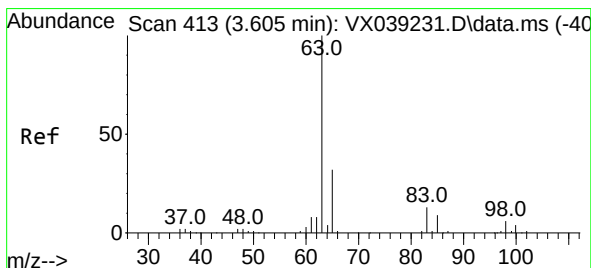
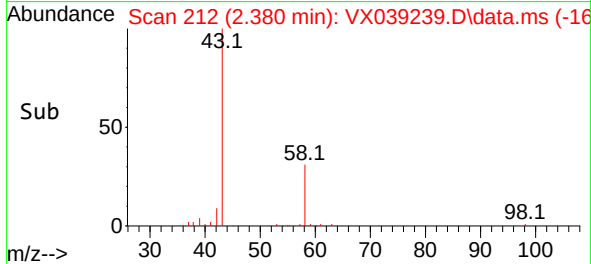
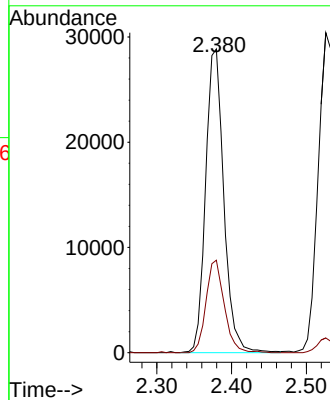
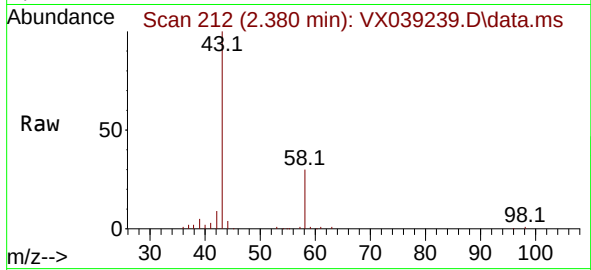
YCHG3

Tgt Ion: 43 Resp: 48812

Ion Ratio Lower Upper

43 100

58 30.3 0.0 65.8



#19

1,1-Dichloroethane

Concen: 13.134 ug/L

RT: 3.611 min Scan# 414

Delta R.T. 0.006 min

Lab File: VX039239.D

Acq: 15 Dec 2023 19:30

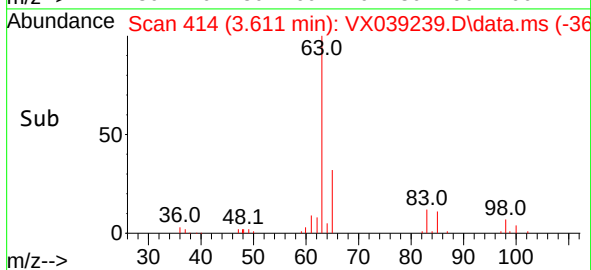
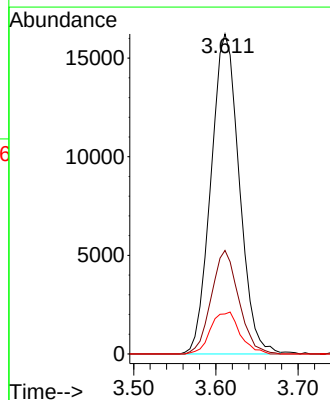
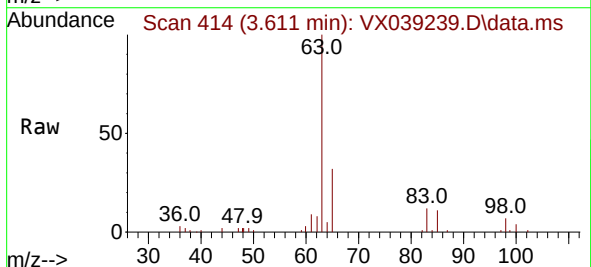
Tgt Ion: 63 Resp: 38871

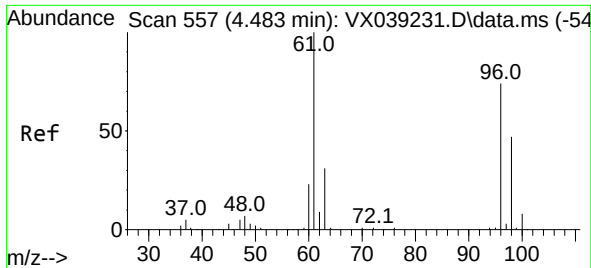
Ion Ratio Lower Upper

63 100

65 32.3 21.1 39.3

83 12.5 9.7 17.9



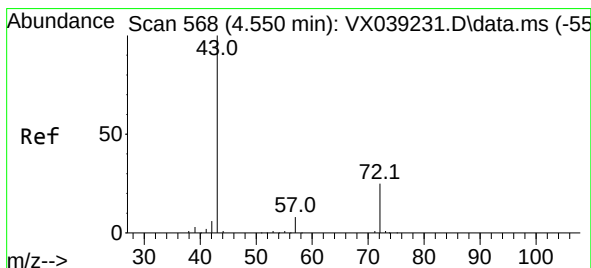
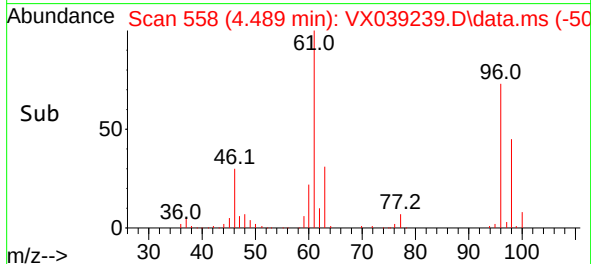
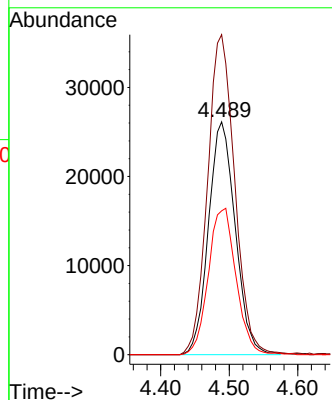
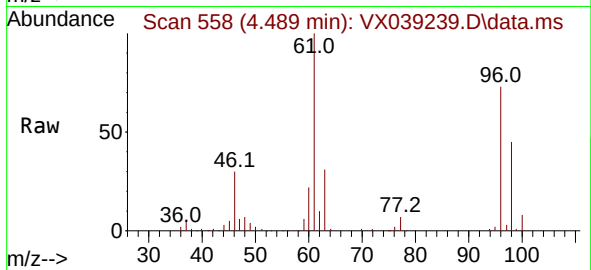


#20
 cis-1,2-Dichloroethene
 Concen: 40.870 ug/L
 RT: 4.489 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VX039239.D
 Acq: 15 Dec 2023 19:30

Instrument :
 MSVOA_X
 ClientSampleId :
 YCHG3

Tgt Ion: 96 Resp: 70956

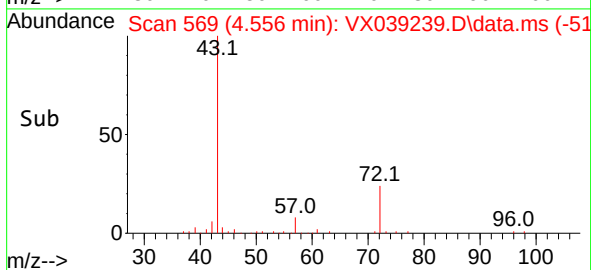
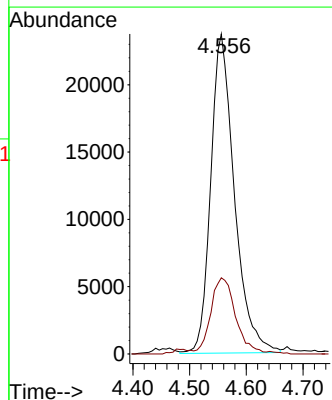
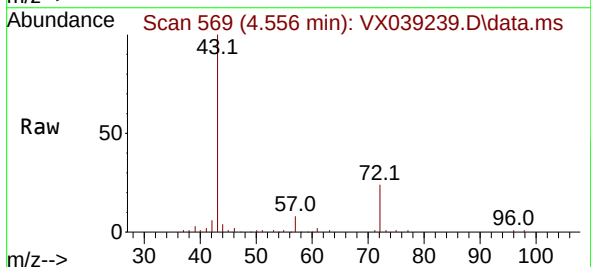
Ion	Ratio	Lower	Upper
96	100		
61	137.4	91.7	170.3
98	61.8	44.2	82.2

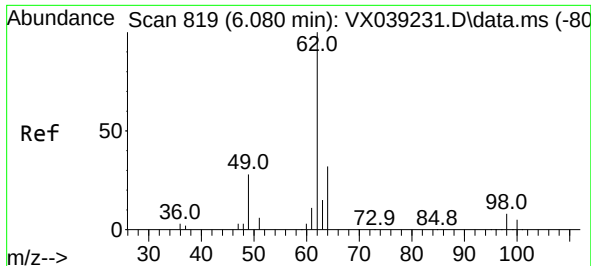


#22
 2-Butanone
 Concen: 37.256 ug/L
 RT: 4.556 min Scan# 569
 Delta R.T. 0.012 min
 Lab File: VX039239.D
 Acq: 15 Dec 2023 19:30

Tgt Ion: 43 Resp: 68772

Ion	Ratio	Lower	Upper
43	100		
72	24.9	12.6	37.6





#27

1,2-Dichloroethane

Concen: 3.791 ug/L

RT: 6.092 min Scan# 819

Delta R.T. 0.012 min

Lab File: VX039239.D

Acq: 15 Dec 2023 19:30

Instrument :

MSVOA_X

ClientSampleId :

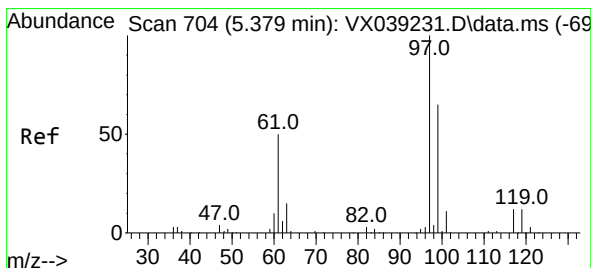
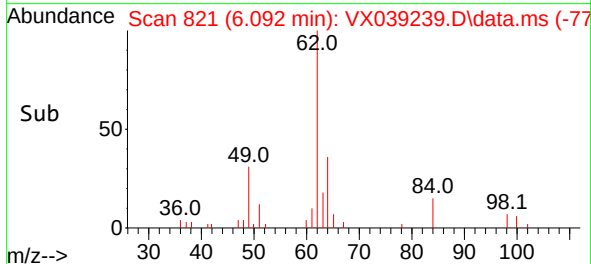
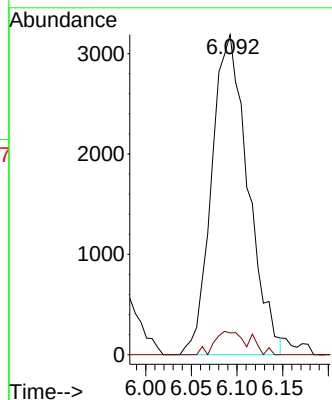
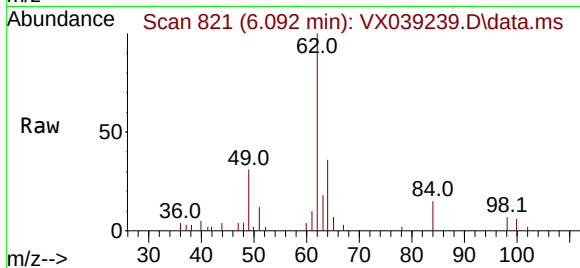
YCHG3

Tgt Ion: 62 Resp: 8832

Ion Ratio Lower Upper

62 100

98 6.8 8.0 12.0#



#30

1,1,1-Trichloroethane

Concen: 7.384 ug/L

RT: 5.379 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX039239.D

Acq: 15 Dec 2023 19:30

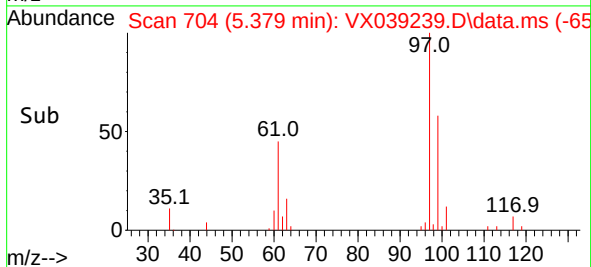
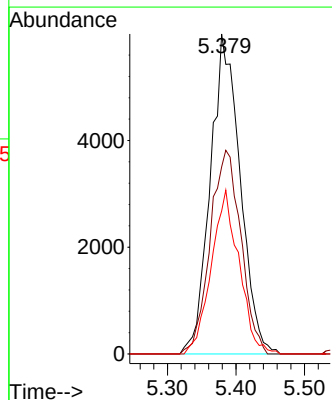
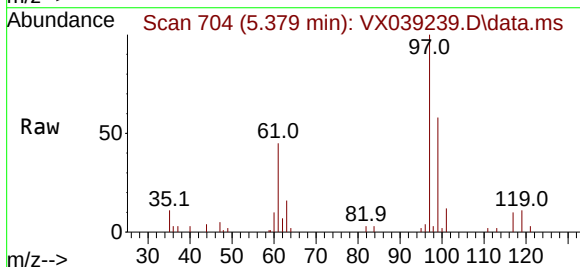
Tgt Ion: 97 Resp: 18115

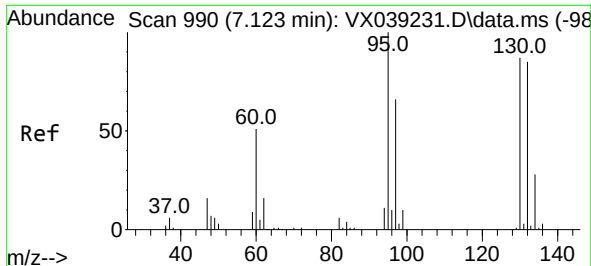
Ion Ratio Lower Upper

97 100

99 65.6 51.0 76.4

61 47.6 36.7 55.1





#34

Trichloroethene

Concen: 7.149 ug/L

RT: 7.129 min Scan# 990

Delta R.T. 0.012 min

Lab File: VX039239.D

Acq: 15 Dec 2023 19:30

Instrument :

MSVOA_X

ClientSampleId :

YCHG3

Tgt Ion: 95 Resp: 12140

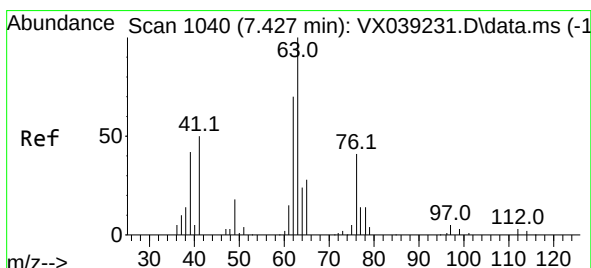
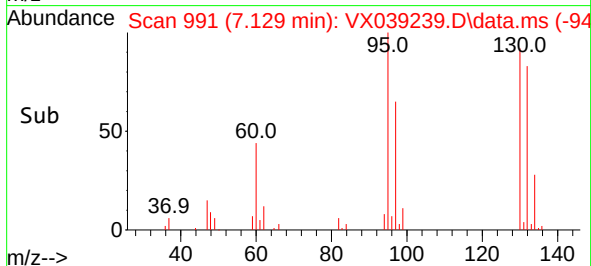
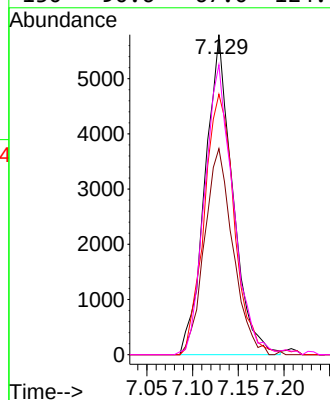
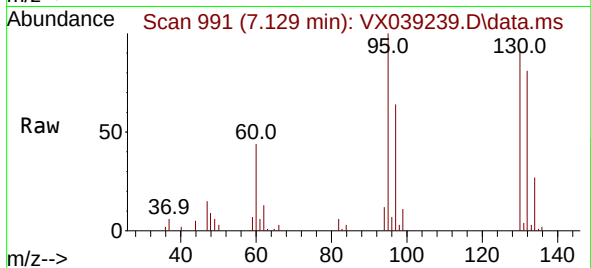
Ion Ratio Lower Upper

95 100

97 64.4 45.5 84.5

132 81.4 62.2 115.4

130 90.6 67.0 124.4



#37

1,2-Dichloropropane

Concen: 3.945 ug/L

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX039239.D

Acq: 15 Dec 2023 19:30

Tgt Ion: 63 Resp: 7031

Ion Ratio Lower Upper

63 100

112 2.8 2.8 4.2

