

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 :

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)

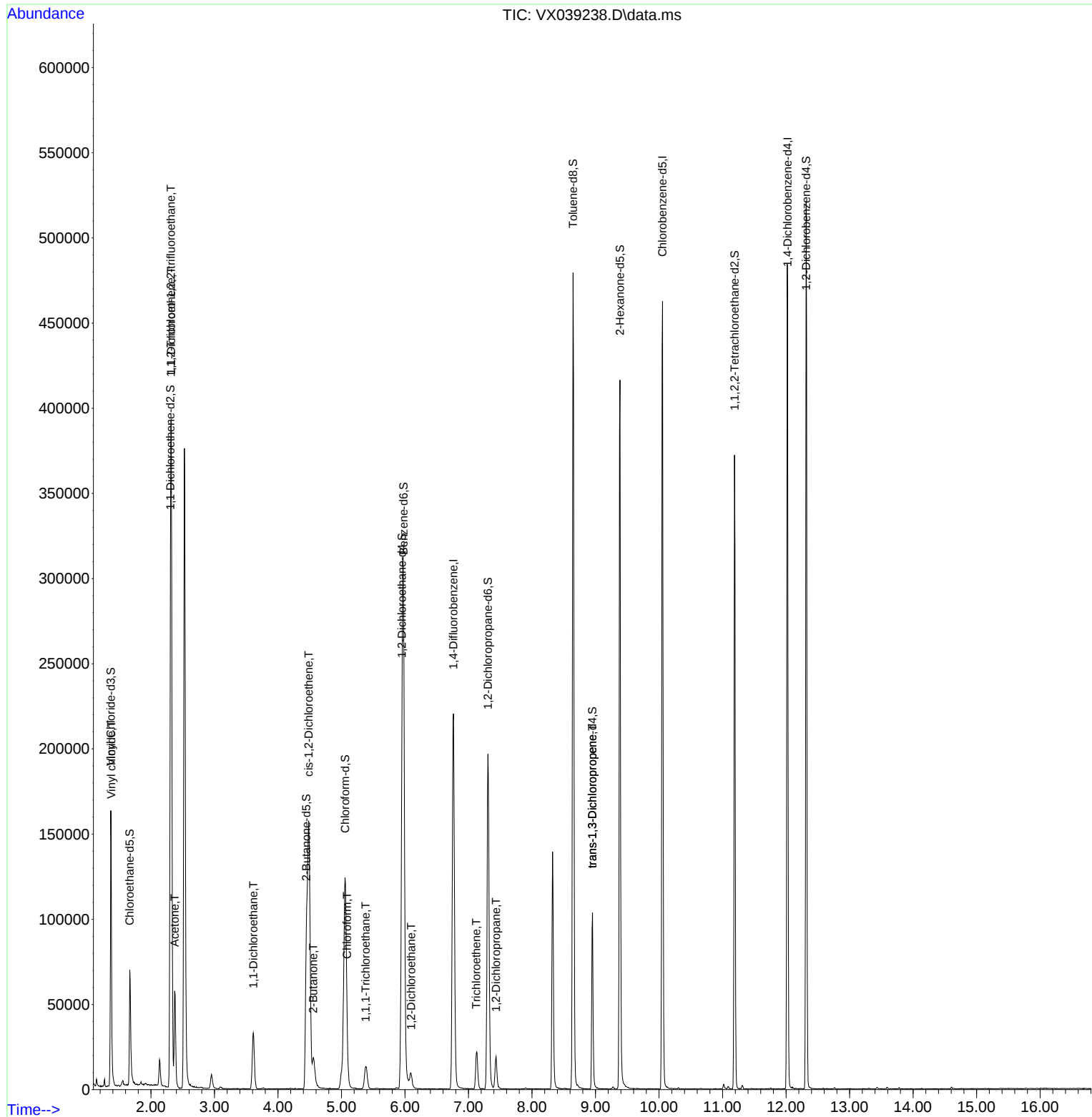
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	214484	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	197160	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	92221	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	66947	39.795	ug/L	0.00
Spiked Amount	50.000	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
10) 1,1,2-Trichloro-1,2,2-...	2.313	101	1318	0.897	ug/L #	27
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
25) Chloroform	5.086	83	4541	1.582	ug/L	97
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
44) trans-1,3-Dichloropropene	8.952	75	2495	0.970	ug/L	94

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

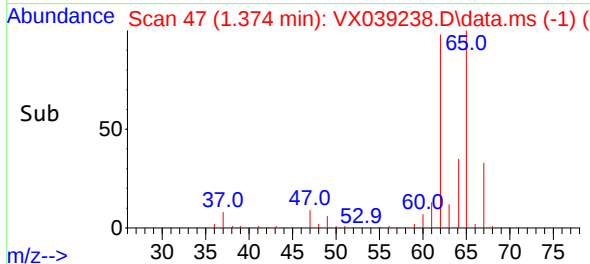
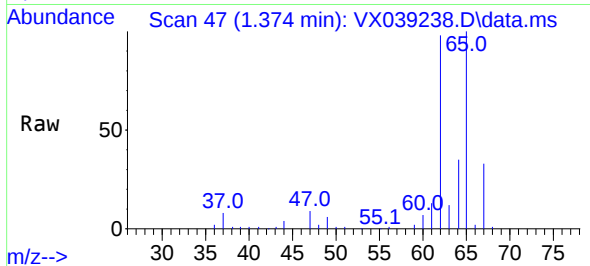
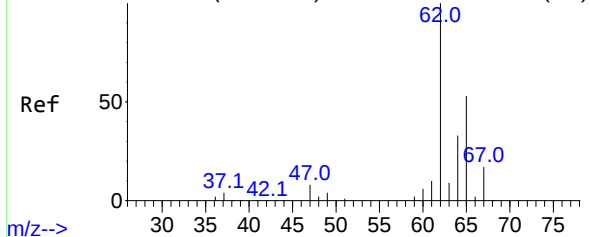
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
Data File : VX039238.D
Acq On : 15 Dec 2023 19:07
Operator : JC/MD
Sample : 05844-06
Misc : 5.0mL/MSVOA_X/WATER
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Quant Time: Dec 16 01:52:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120523WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 12 03:50:51 2023
Response via : Initial Calibration



Abundance Scan 47 (1.374 min): VX039231.D\data.ms (-43)



#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

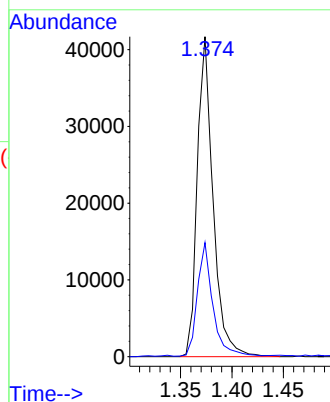
ClientSampleId :

Tgt Ion: 62 Resp: 44677

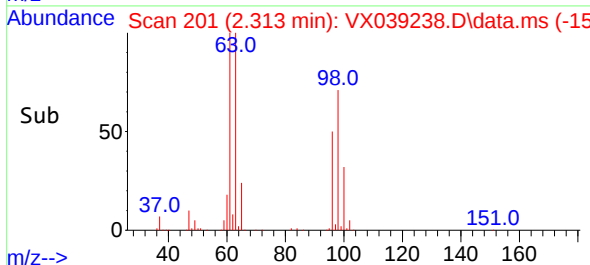
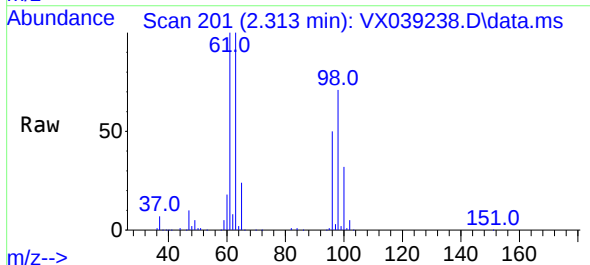
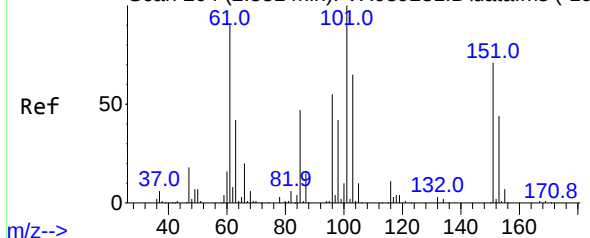
Ion Ratio Lower Upper

62 100

64 35.7 22.3 41.3



Abundance Scan 204 (2.331 min): VX039231.D\data.ms (-19)



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.897 ug/L

RT: 2.313 min Scan# 201

Delta R.T. -0.018 min

Lab File: VX039238.D

Acq: 15 Dec 2023 19:07

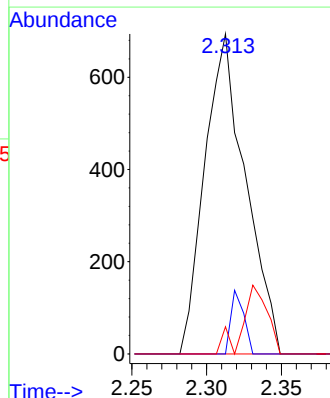
Tgt Ion:101 Resp: 1318

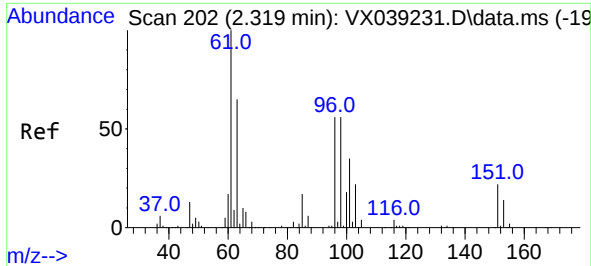
Ion Ratio Lower Upper

101 100

85 6.3 35.8 53.6#

151 1.7 55.4 83.2#

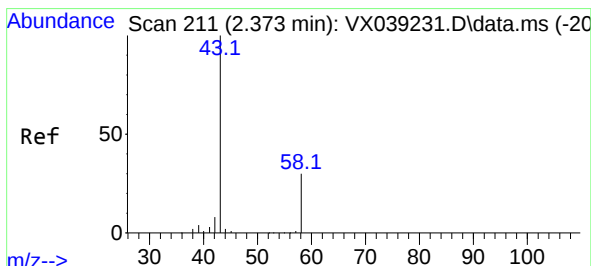
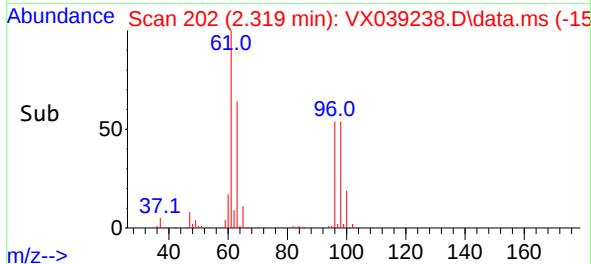
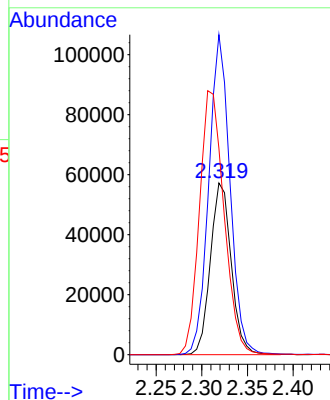
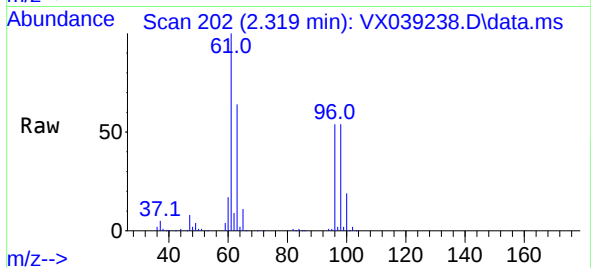




#12
1,1-Dichloroethene
Concen: 65.721 ug/L
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX039238.D
Acq: 15 Dec 2023 19:07

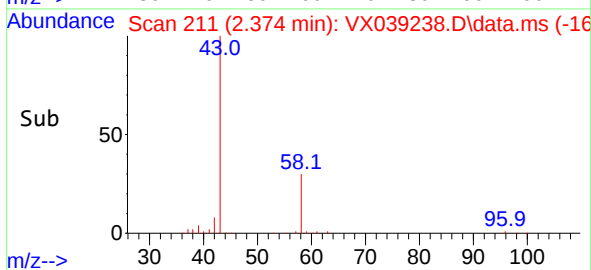
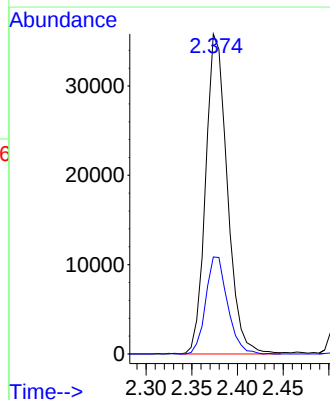
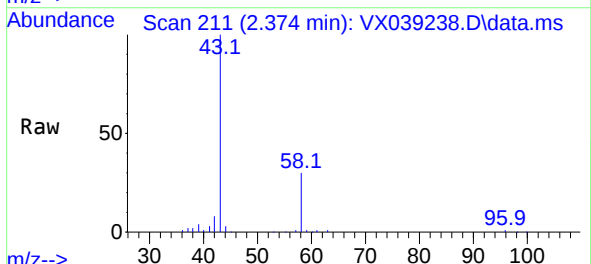
Instrument :
MSVOA_X
ClientSampleId :

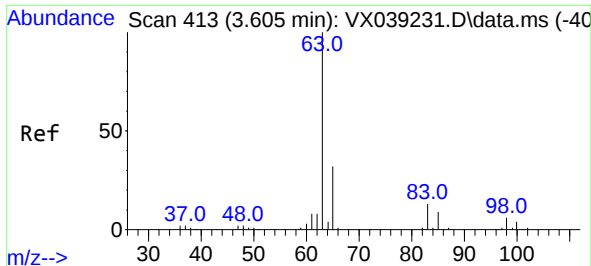
Tgt Ion: 96 Resp: 90809
Ion Ratio Lower Upper
96 100
61 186.4 128.0 237.6
63 120.2 101.5 188.5



#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

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# 41

Delta R.T. 0.006 min

Lab File: VX039238.D

Acq: 15 Dec 2023 19:07

Instrument :

MSVOA_X

ClientSampleId :

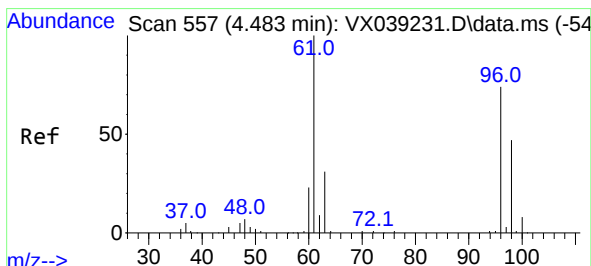
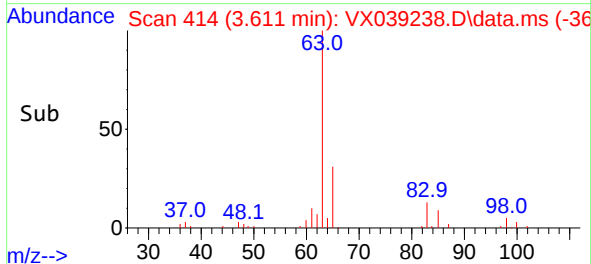
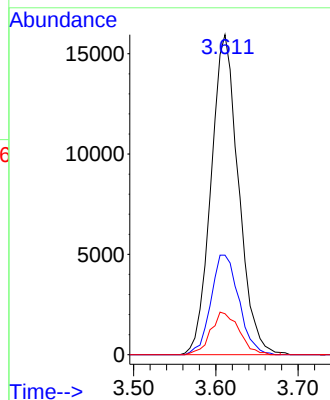
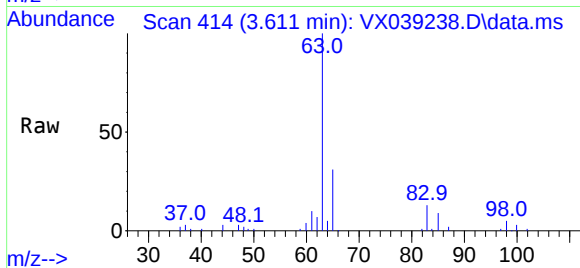
Tgt Ion: 63 Resp: 37073

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# 557

Delta R.T. -0.000 min

Lab File: VX039238.D

Acq: 15 Dec 2023 19:07

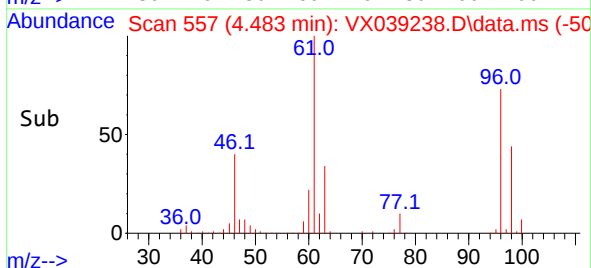
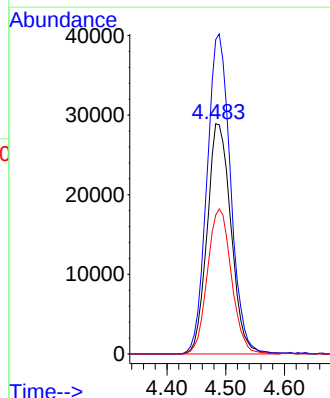
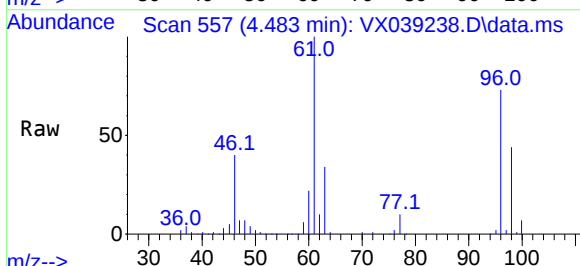
Tgt Ion: 96 Resp: 81524

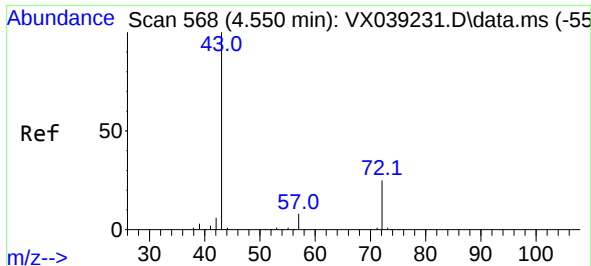
Ion Ratio Lower Upper

96 100

61 136.5 91.7 170.3

98 60.3 44.2 82.2

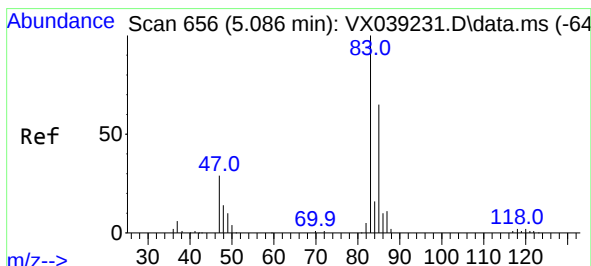
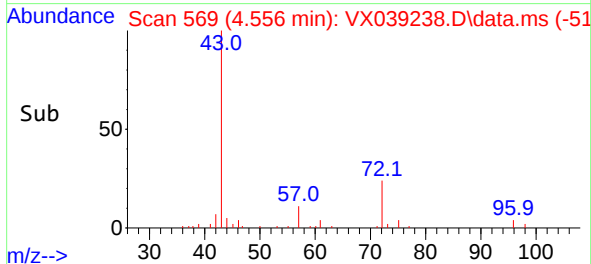
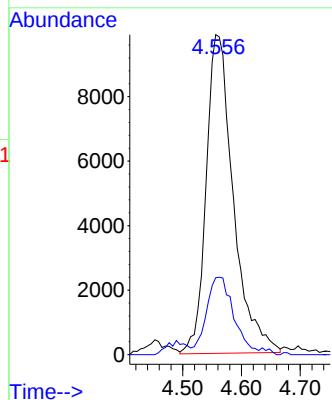
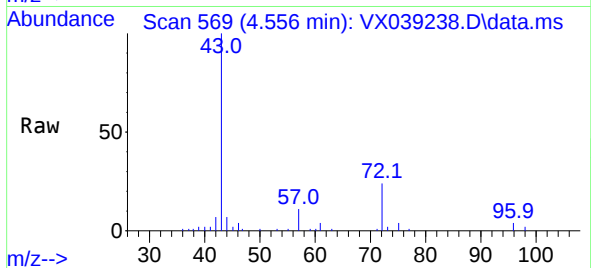




#22
2-Butanone
Concen: 17.670 ug/L
RT: 4.556 min Scan# 50
Delta R.T. 0.012 min
Lab File: VX039238.D
Acq: 15 Dec 2023 19:07

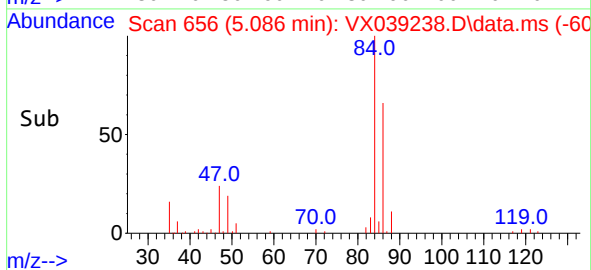
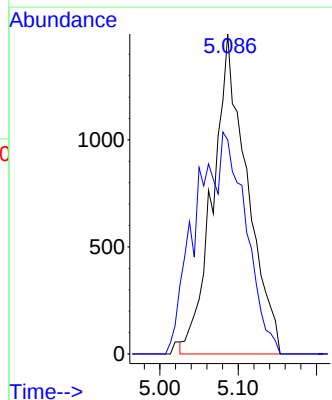
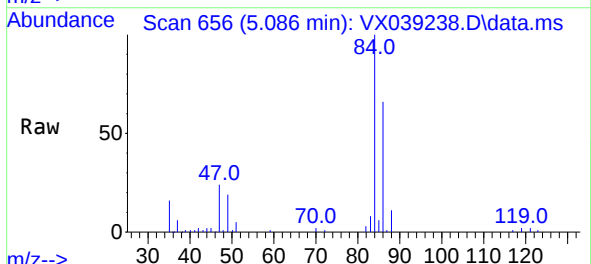
Instrument :
MSVOA_X
ClientSampleId :

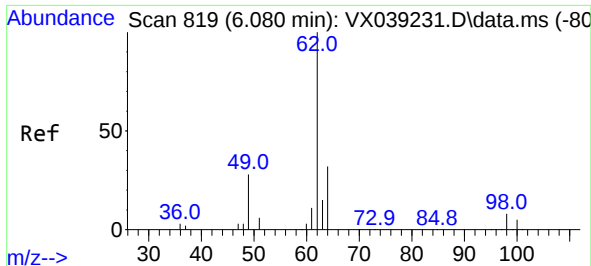
Tgt Ion: 43 Resp: 31724
Ion Ratio Lower Upper
43 100
72 24.4 12.6 37.6



#25
Chloroform
Concen: 1.582 ug/L
RT: 5.086 min Scan# 656
Delta R.T. 0.006 min
Lab File: VX039238.D
Acq: 15 Dec 2023 19:07

Tgt Ion: 83 Resp: 4541
Ion Ratio Lower Upper
83 100
85 66.9 45.1 83.7





#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

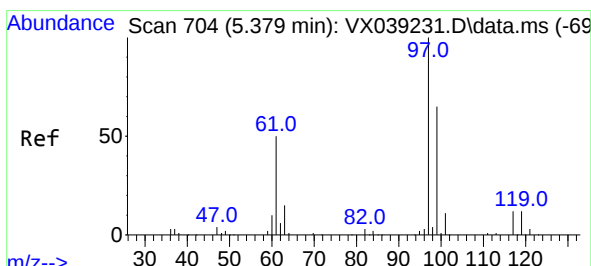
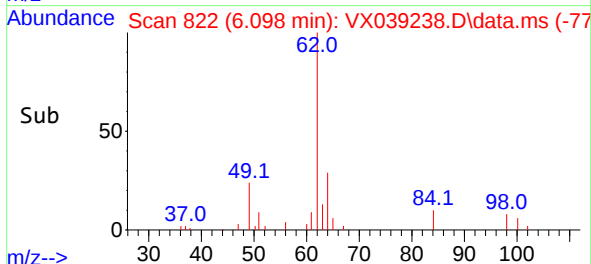
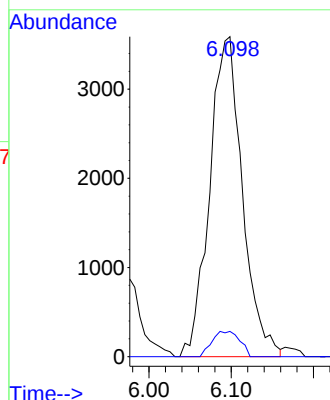
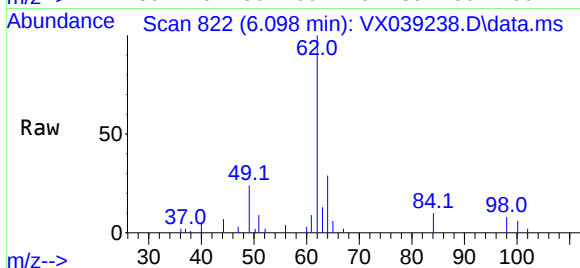
ClientSampleId :

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

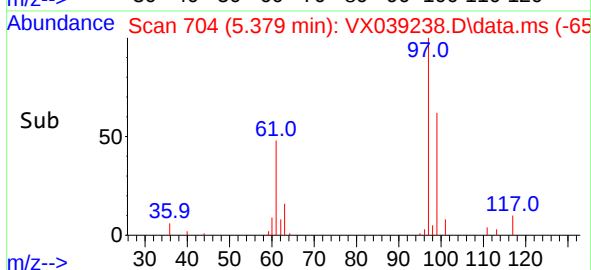
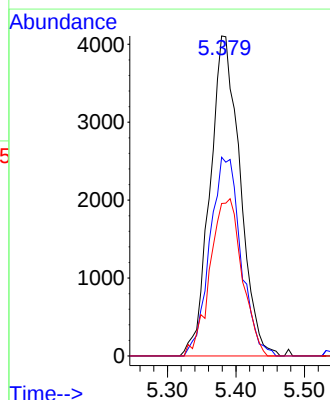
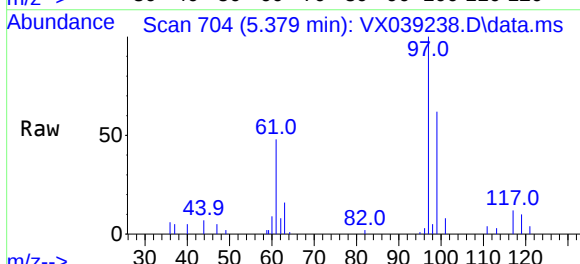
Tgt Ion: 97 Resp: 12493

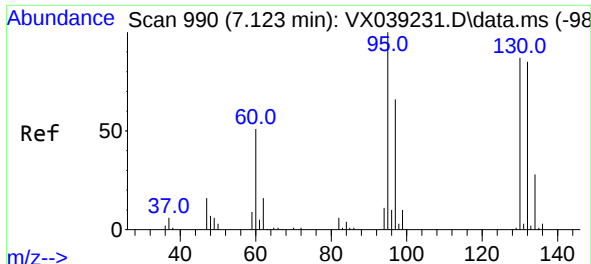
Ion Ratio Lower Upper

97 100

99 64.1 51.0 76.4

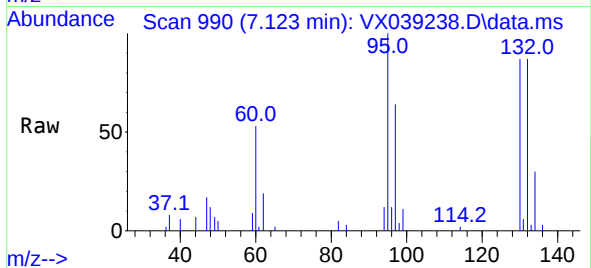
61 52.1 36.7 55.1





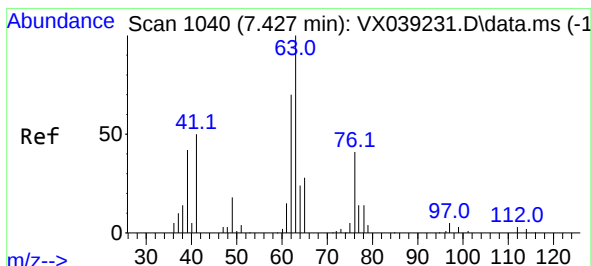
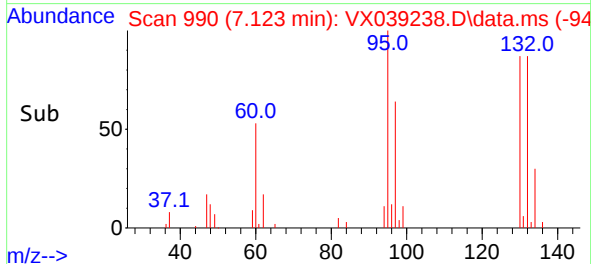
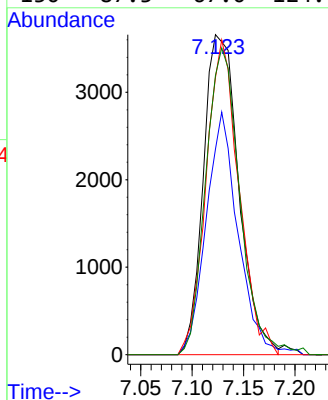
#34
Trichloroethene
Concen: 5.307 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX039238.D
Acq: 15 Dec 2023 19:07

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 95 Resp: 8787

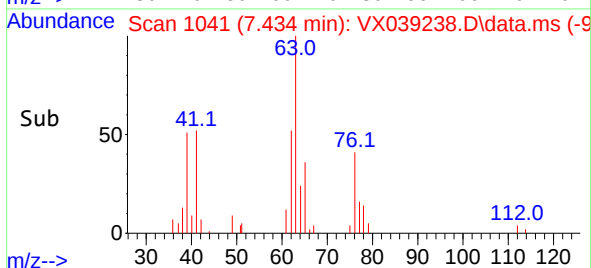
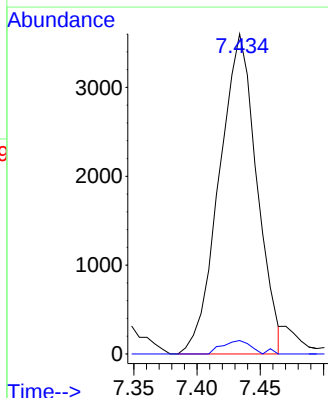
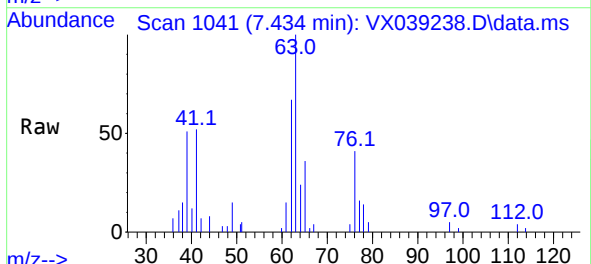
Ion	Ratio	Lower	Upper
95	100		
97	64.2	45.5	84.5
132	86.6	62.2	115.4
130	87.3	67.0	124.4

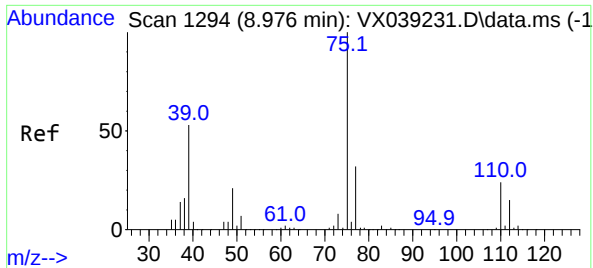


#37
1,2-Dichloropropane
Concen: 4.282 ug/L
RT: 7.434 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VX039238.D
Acq: 15 Dec 2023 19:07

Tgt Ion: 63 Resp: 7441

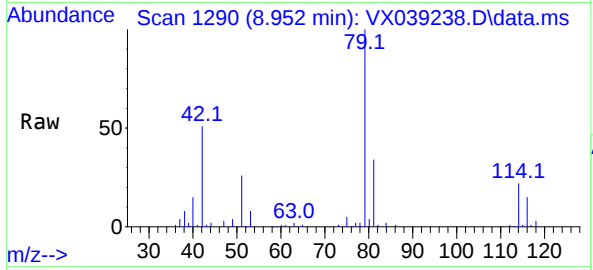
Ion	Ratio	Lower	Upper
63	100		
112	3.1	2.8	4.2





#44
trans-1,3-Dichloropropene
Concen: 0.970 ug/L
RT: 8.952 min Scan# 11
Delta R.T. -0.018 min
Lab File: VX039238.D
Acq: 15 Dec 2023 19:07

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:	75	Resp:	2495
Ion	Ratio	Lower	Upper
75	100		
77	34.7	22.0	40.8

