

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 :

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)

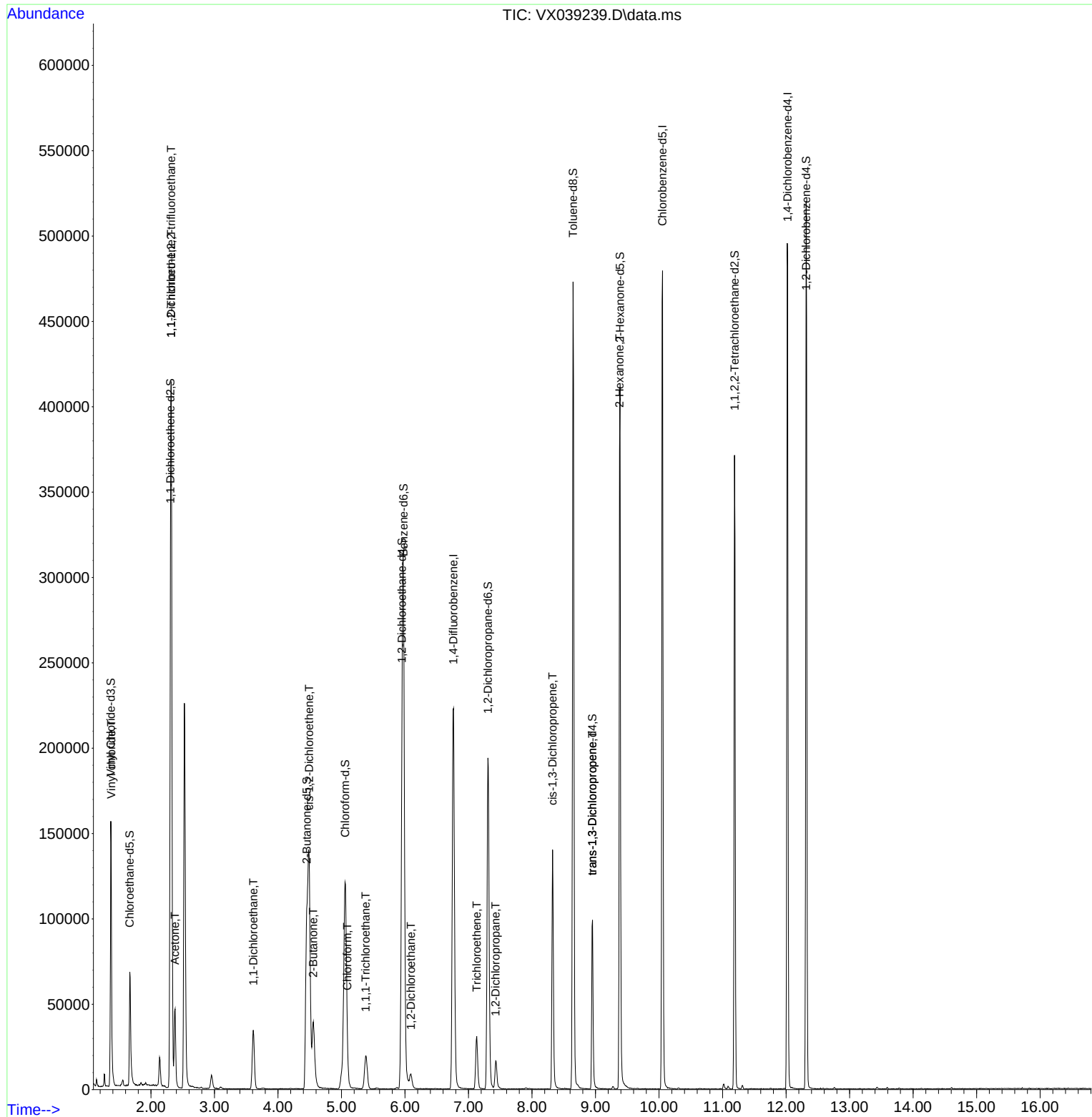
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	220522	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	202199	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	94848	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	66896	38.676	ug/L	0.00
Spiked Amount	50.000	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
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	1511	1.000	ug/L #	57
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
25) Chloroform	5.093	83	4840	1.640	ug/L	93
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
39) cis-1,3-Dichloropropene	8.324	75	3448	1.213	ug/L #	66
44) trans-1,3-Dichloropropene	8.952	75	2587	0.981	ug/L	88
48) 2-Hexanone	9.378	43	21526	8.611	ug/L #	60

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

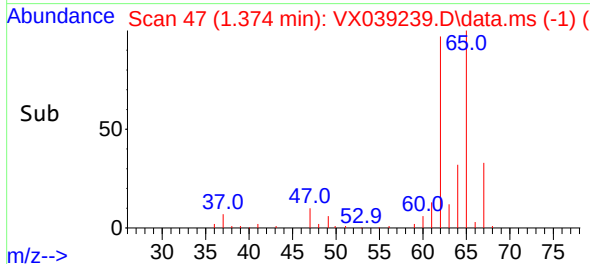
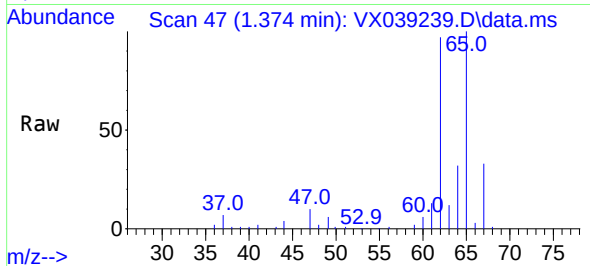
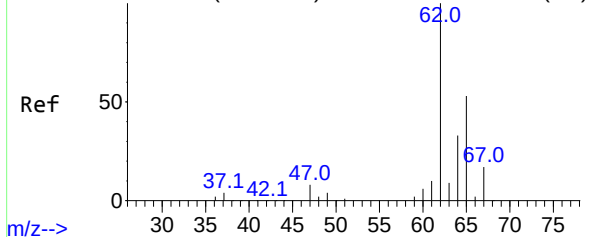
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
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Quant Title : VOC Analysis
QLast Update : Tue Dec 12 03:50:51 2023
Response via : Initial Calibration



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



#5

Vinyl chloride

Concen: 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

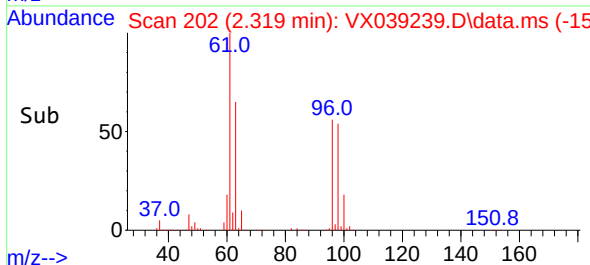
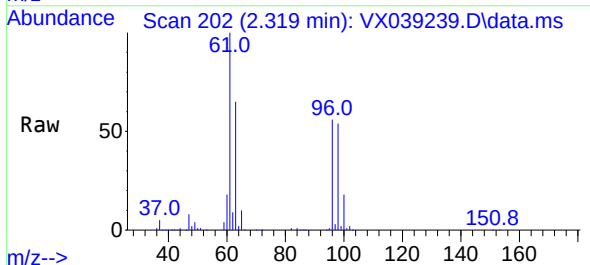
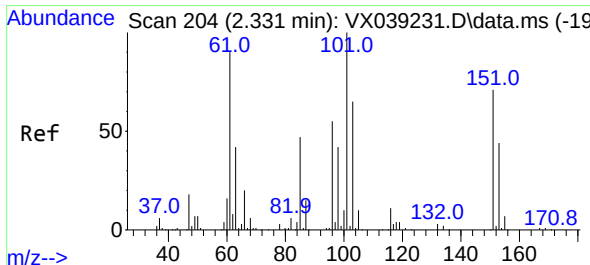
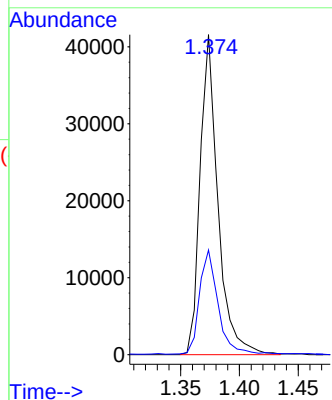
ClientSampleId :

Tgt Ion: 62 Resp: 43879

Ion Ratio Lower Upper

62 100

64 32.7 22.3 41.3



#10

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

Concen: 1.000 ug/L

RT: 2.319 min Scan# 202

Delta R.T. -0.012 min

Lab File: VX039239.D

Acq: 15 Dec 2023 19:30

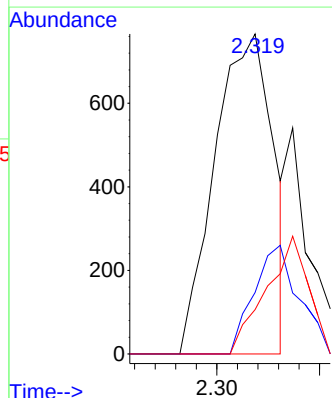
Tgt Ion: 101 Resp: 1511

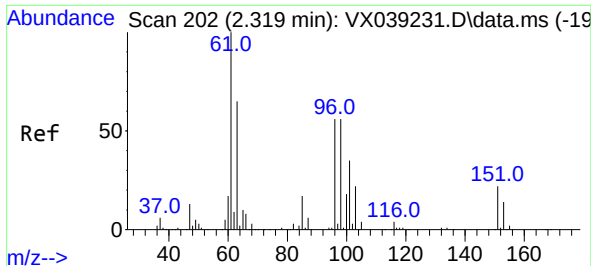
Ion Ratio Lower Upper

101 100

85 26.1 35.8 53.6#

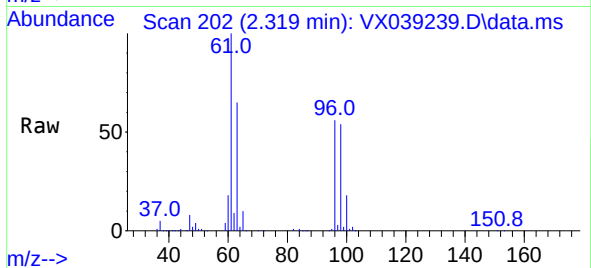
151 26.5 55.4 83.2#





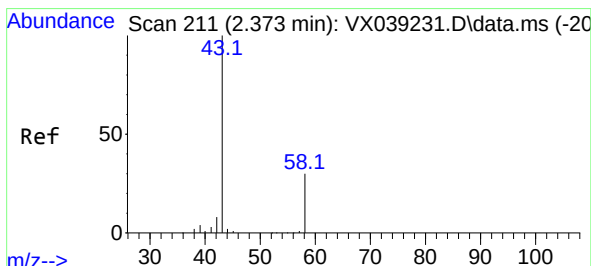
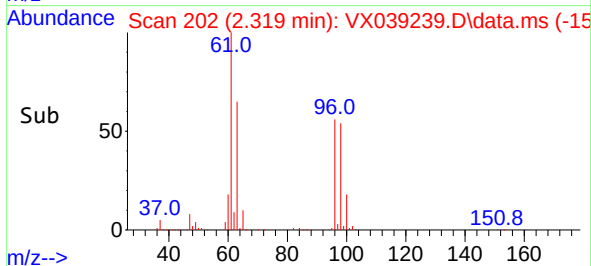
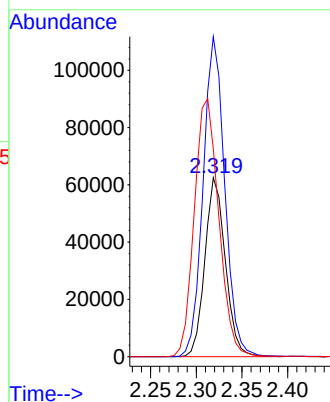
#12
1,1-Dichloroethene
Concen: 68.377 ug/L
RT: 2.319 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX039239.D
Acq: 15 Dec 2023 19:30

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 96 Resp: 97138

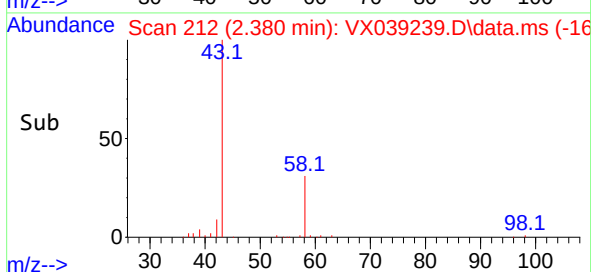
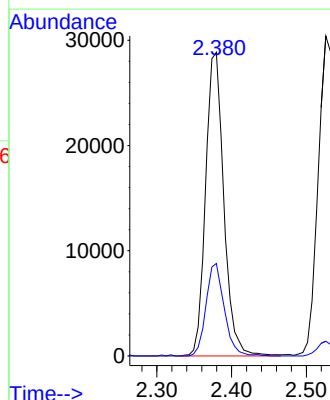
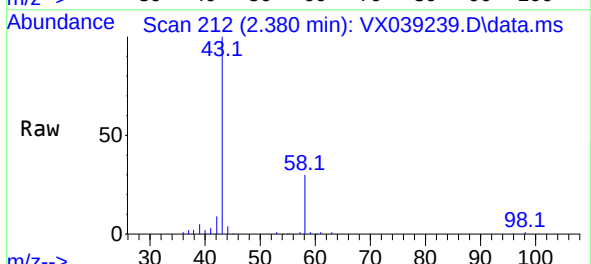
Ion	Ratio	Lower	Upper
96	100		
61	178.8	128.0	237.6
63	116.0	101.5	188.5

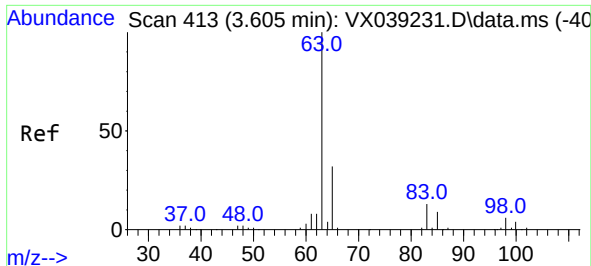


#13
Acetone
Concen: 32.453 ug/L
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX039239.D
Acq: 15 Dec 2023 19:30

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# 41

Delta R.T. 0.006 min

Lab File: VX039239.D

Acq: 15 Dec 2023 19:30

Instrument :

MSVOA_X

ClientSampleId :

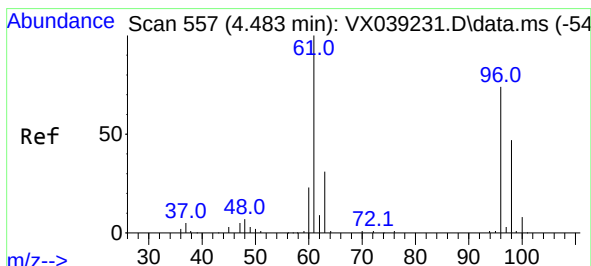
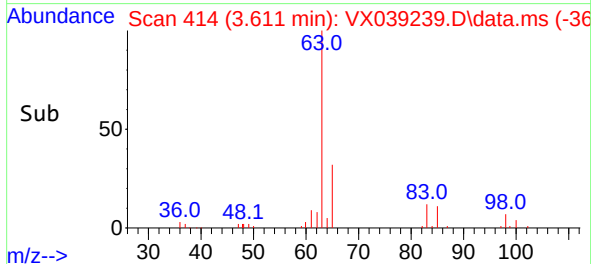
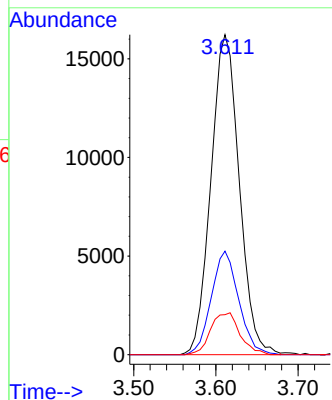
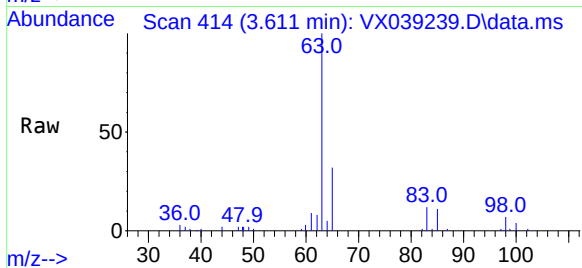
Tgt Ion: 63 Resp: 38871

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# 558

Delta R.T. 0.006 min

Lab File: VX039239.D

Acq: 15 Dec 2023 19:30

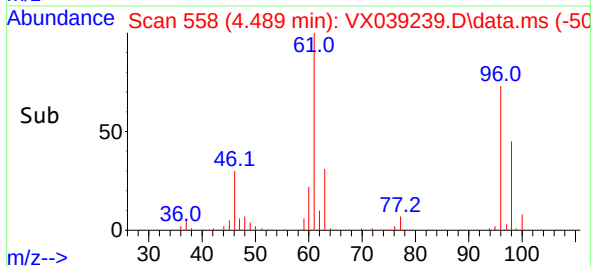
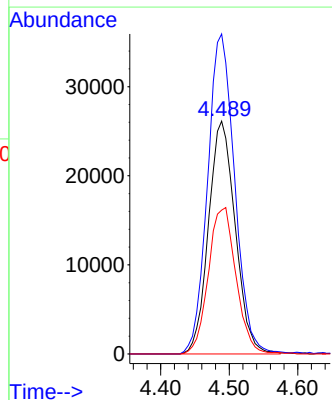
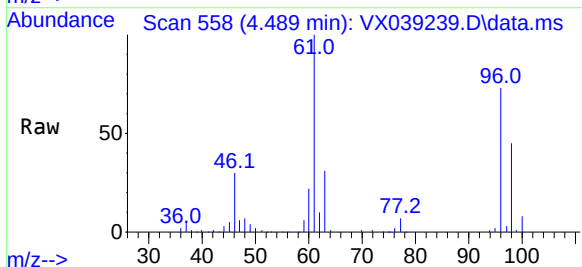
Tgt Ion: 96 Resp: 70956

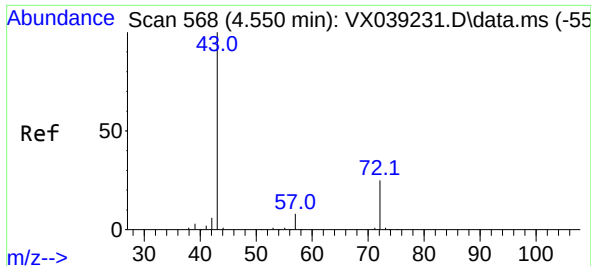
Ion Ratio Lower Upper

96 100

61 137.4 91.7 170.3

98 61.8 44.2 82.2

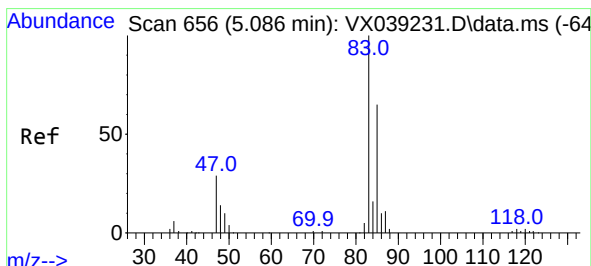
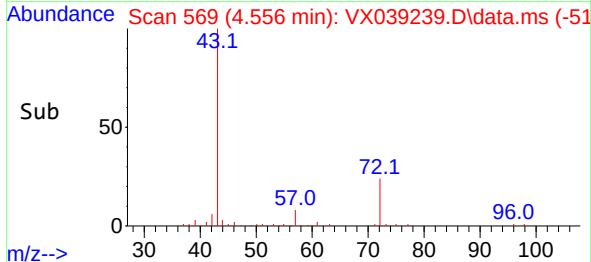
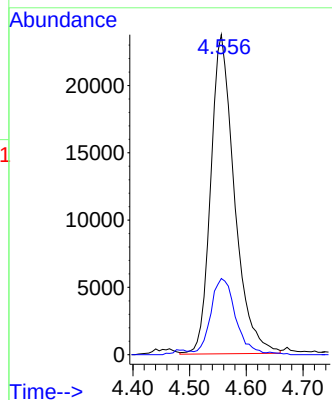
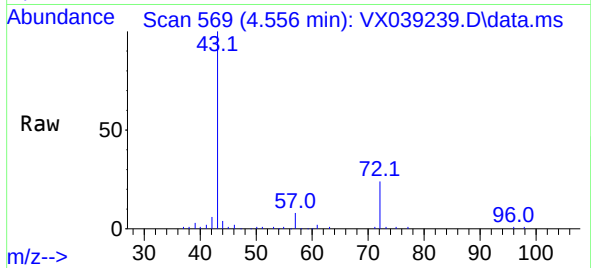




#22
2-Butanone
Concen: 37.256 ug/L
RT: 4.556 min Scan# 50
Delta R.T. 0.012 min
Lab File: VX039239.D
Acq: 15 Dec 2023 19:30

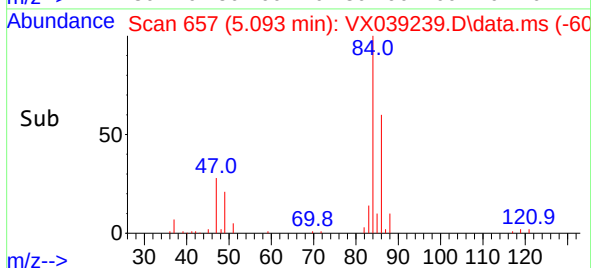
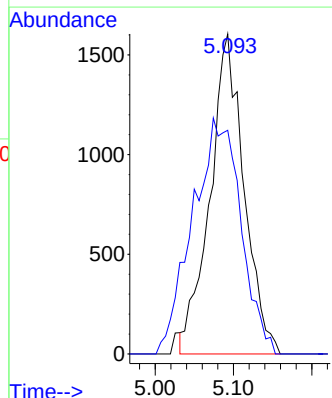
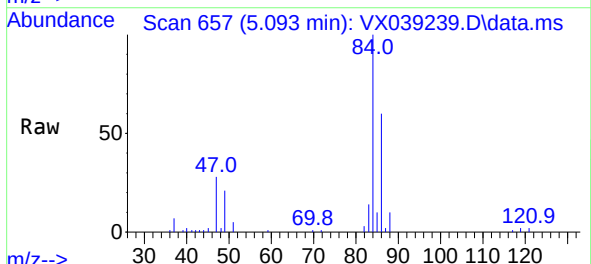
Instrument :
MSVOA_X
ClientSampleId :

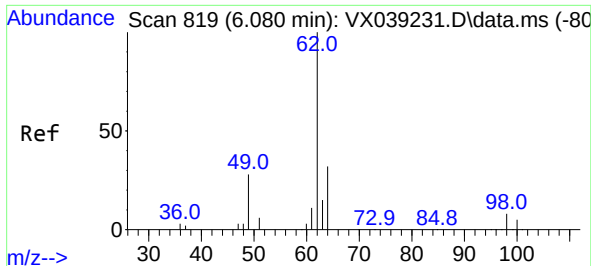
Tgt Ion: 43 Resp: 68772
Ion Ratio Lower Upper
43 100
72 24.9 12.6 37.6



#25
Chloroform
Concen: 1.640 ug/L
RT: 5.093 min Scan# 657
Delta R.T. 0.012 min
Lab File: VX039239.D
Acq: 15 Dec 2023 19:30

Tgt Ion: 83 Resp: 4840
Ion Ratio Lower Upper
83 100
85 69.9 45.1 83.7

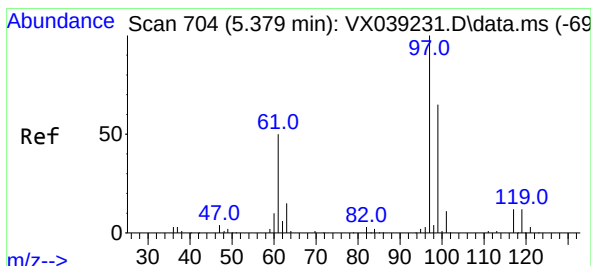
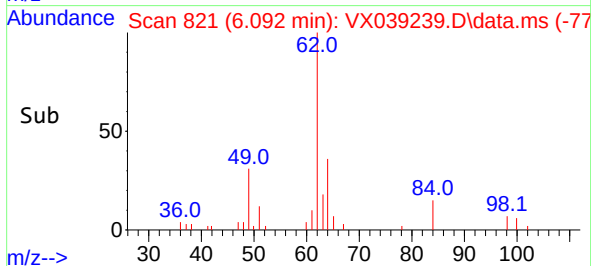
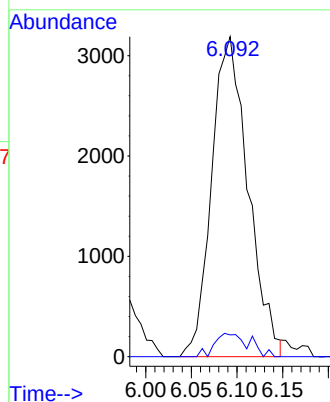
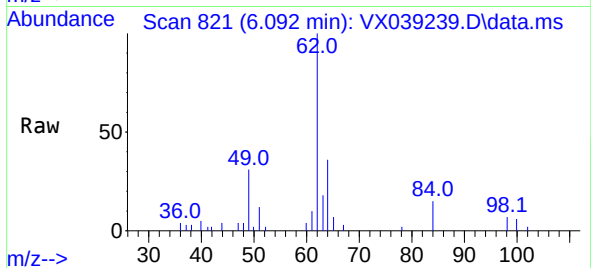




#27
1,2-Dichloroethane
Concen: 3.791 ug/L
RT: 6.092 min Scan# 819
Delta R.T. 0.012 min
Lab File: VX039239.D
Acq: 15 Dec 2023 19:30

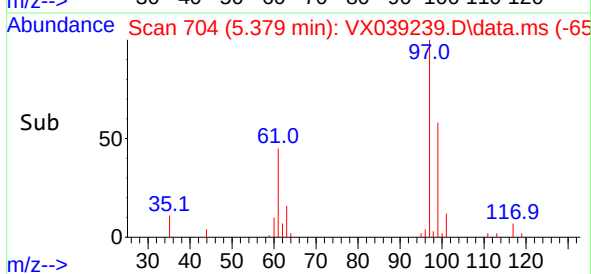
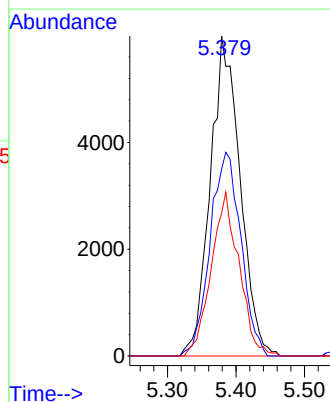
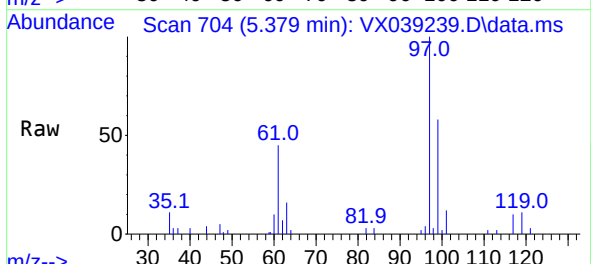
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MSVOA_X
ClientSampleId :

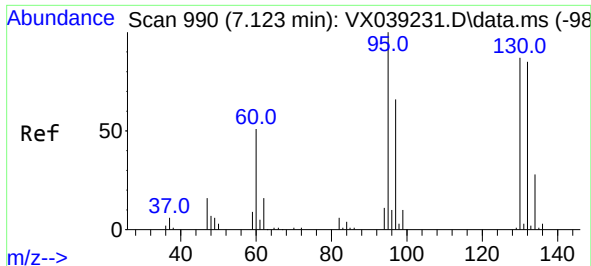
Tgt Ion: 62 Resp: 8832
Ion Ratio Lower Upper
62 100
98 6.8 8.0 12.0#



#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



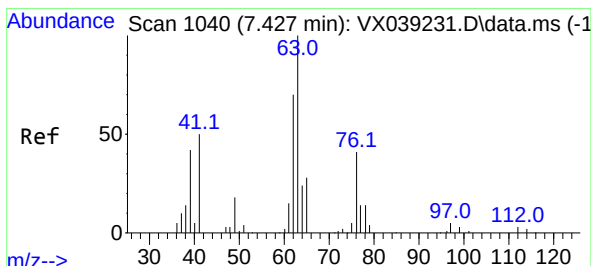
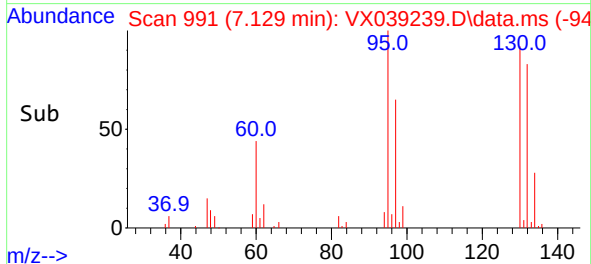
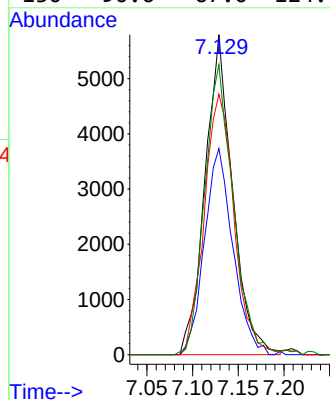
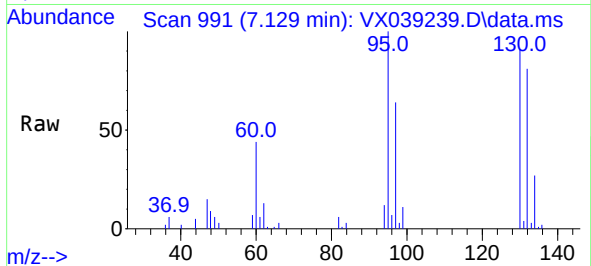


#34
Trichloroethene
Concen: 7.149 ug/L
RT: 7.129 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX039239.D
Acq: 15 Dec 2023 19:30

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 12140

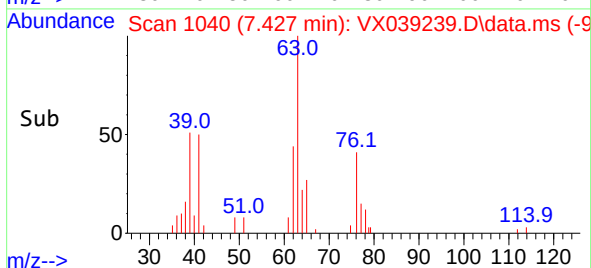
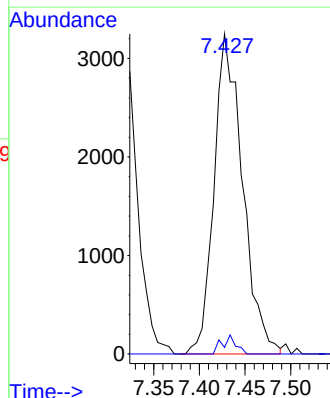
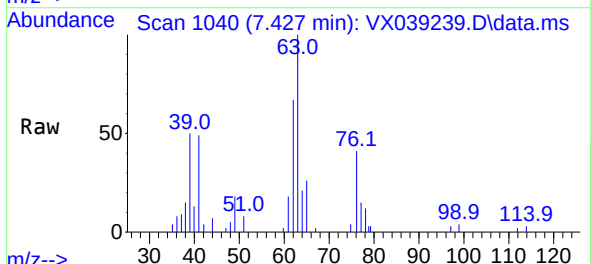
Ion	Ratio	Lower	Upper
95	100		
97	64.4	45.5	84.5
132	81.4	62.2	115.4
130	90.6	67.0	124.4

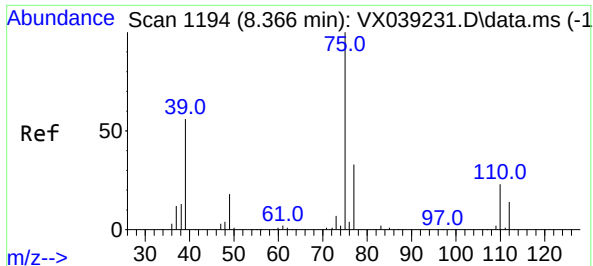


#37
1,2-Dichloropropane
Concen: 3.945 ug/L
RT: 7.427 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX039239.D
Acq: 15 Dec 2023 19:30

Tgt Ion: 63 Resp: 7031

Ion	Ratio	Lower	Upper
63	100		
112	2.8	2.8	4.2





#39

cis-1,3-Dichloropropene

Concen: 1.213 ug/L

RT: 8.324 min Scan# 1194

Delta R.T. -0.037 min

Lab File: VX039239.D

Acq: 15 Dec 2023 19:30

Instrument :

MSVOA_X

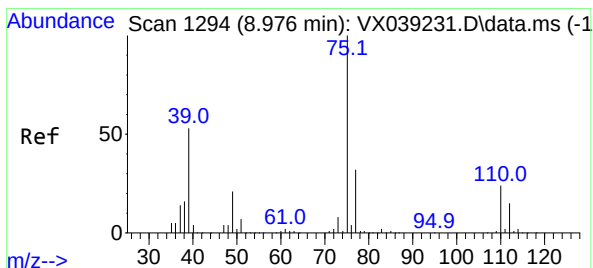
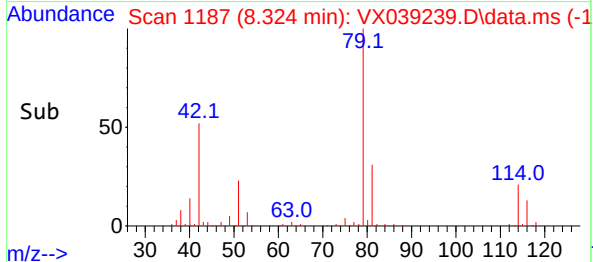
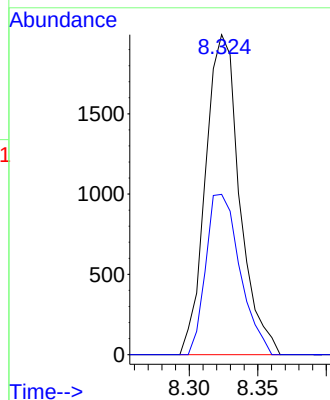
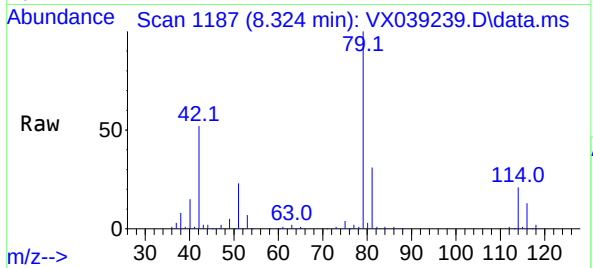
ClientSampleId :

Tgt Ion: 75 Resp: 3448

Ion Ratio Lower Upper

75 100

77 50.1 22.0 40.8#



#44

trans-1,3-Dichloropropene

Concen: 0.981 ug/L

RT: 8.952 min Scan# 1290

Delta R.T. -0.018 min

Lab File: VX039239.D

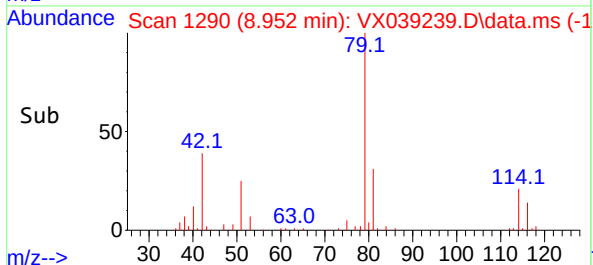
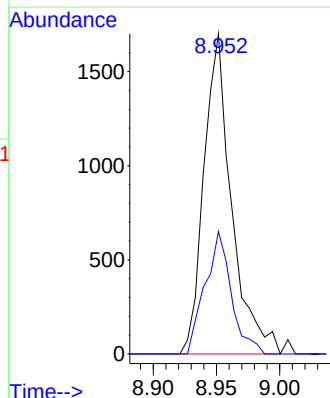
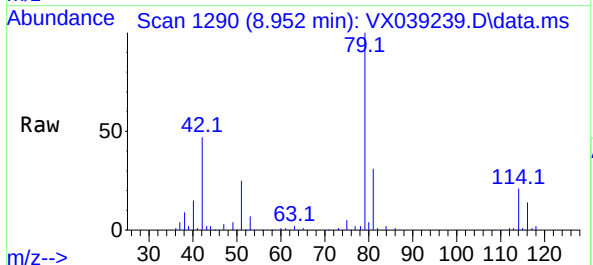
Acq: 15 Dec 2023 19:30

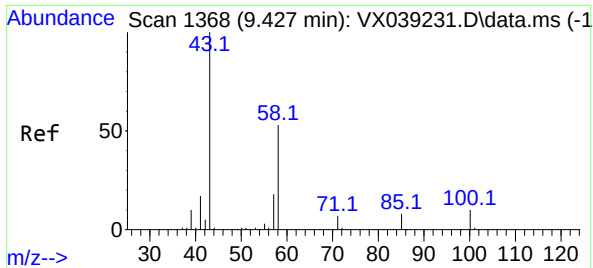
Tgt Ion: 75 Resp: 2587

Ion Ratio Lower Upper

75 100

77 38.3 22.0 40.8





#48
 2-Hexanone
 Concen: 8.611 ug/L
 RT: 9.378 min Scan# 11
 Delta R.T. -0.049 min
 Lab File: VX039239.D
 Acq: 15 Dec 2023 19:30

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 43	Resp:	21526
Ion	Ratio	Lower Upper
43	100	
58	15.8	43.0 64.6#
57	15.2	14.6 21.8
100	0.2	8.2 12.4#

