

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039256.D
 Acq On : 16 Dec 2023 02:00
 Operator : JC/MD
 Sample : 05845-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 16 04:20:57 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)

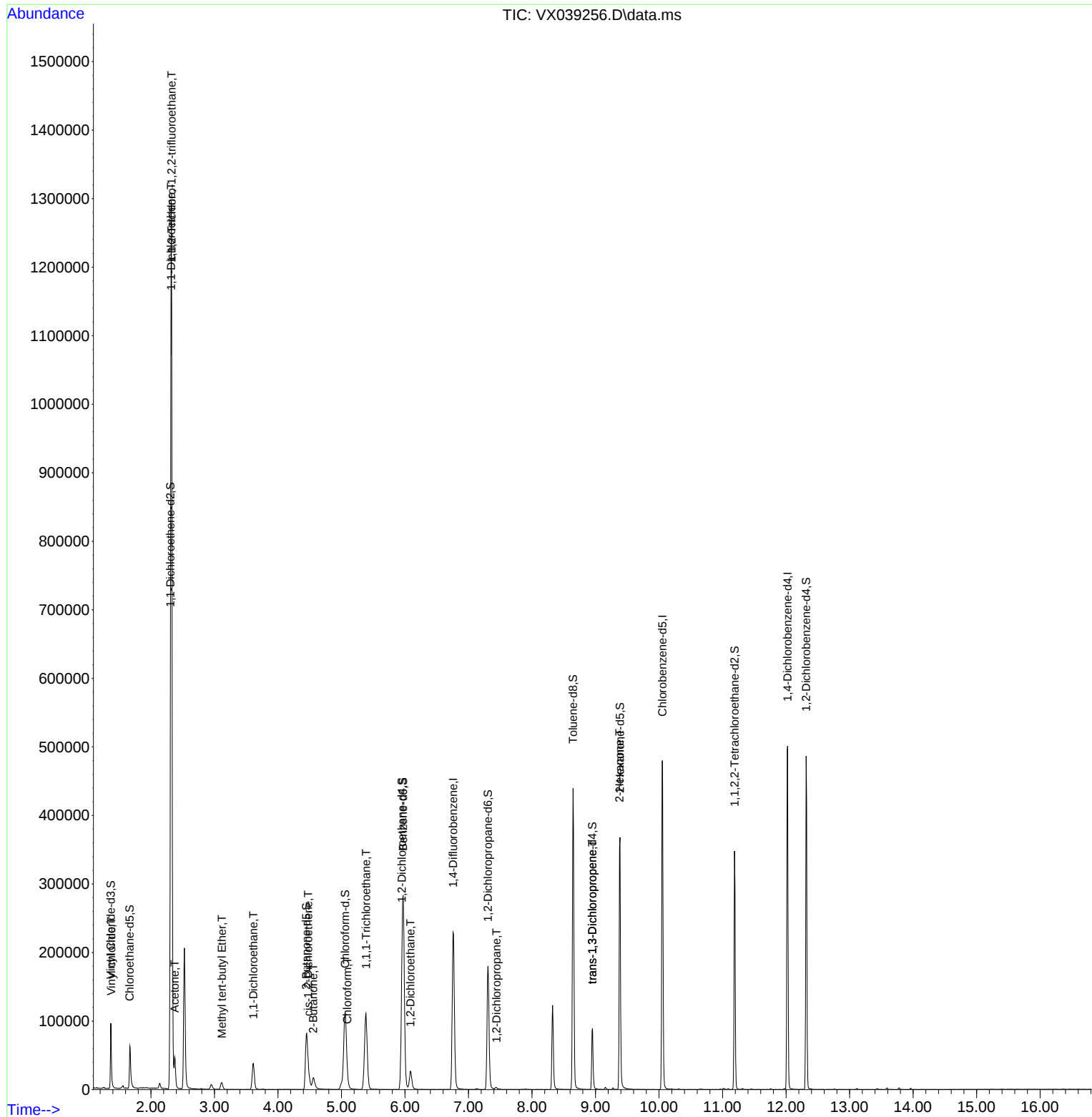
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	223995	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	207240	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	96051	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	60200	34.265	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.520%
7) Chloroethane-d5	1.666	69	47468	36.553	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	73.100%
11) 1,1-Dichloroethene-d2	2.307	65	31987	41.476	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.960%
21) 2-Butanone-d5	4.446	46	144319	90.747	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.750%
24) Chloroform-d	5.056	84	138437	44.512	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.020%
26) 1,2-Dichloroethane-d4	5.952	65	95960	47.642	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.280%
32) Benzene-d6	5.970	84	275329	43.048	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.100%
36) 1,2-Dichloropropane-d6	7.306	67	91640	44.522	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.040%
41) Toluene-d8	8.647	98	247796	42.752	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.500%
43) trans-1,3-Dichloroprop...	8.952	79	40872	39.021	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.040%
47) 2-Hexanone-d5	9.384	63	104540	85.036	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.040%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	131187	44.929	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.860%
66) 1,2-Dichlorobenzene-d4	12.317	152	85380	47.027	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.060%
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	2341	1.272	ug/L #	63
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	7283	4.747	ug/L #	84
12) 1,1-Dichloroethene	2.319	96	375455	260.190	ug/L #	73
13) Acetone	2.374	43	44345	29.026	ug/L	95
18) Methyl tert-butyl Ether	3.117	73	10592	2.001	ug/L	96
19) 1,1-Dichloroethane	3.611	63	43627	14.512	ug/L	93
20) cis-1,2-Dichloroethene	4.477	96	1909	1.083	ug/L	86
22) 2-Butanone	4.556	43	29762	15.873	ug/L	98
25) Chloroform	5.093	83	8026	2.677	ug/L	98
27) 1,2-Dichloroethane	6.086	62	29185	12.332	ug/L #	91
30) 1,1,1-Trichloroethane	5.385	97	102968	40.950	ug/L	97
37) 1,2-Dichloropropane	7.440	63	1411	0.773	ug/L #	89
44) trans-1,3-Dichloropropene	8.952	75	2128	0.787	ug/L #	82
48) 2-Hexanone	9.378	43	14883	5.809	ug/L #	67

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

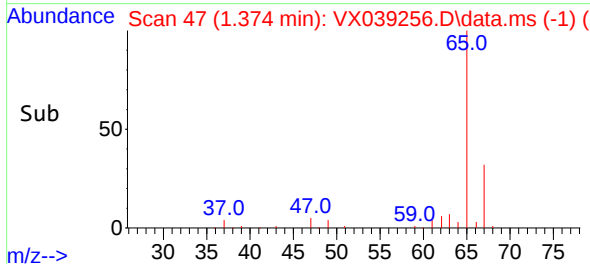
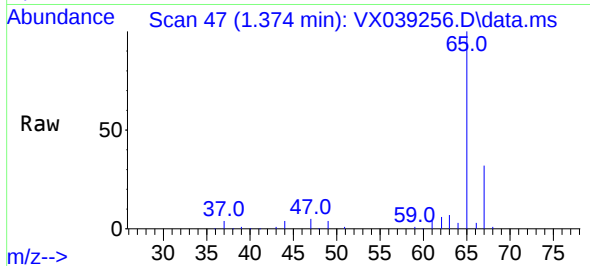
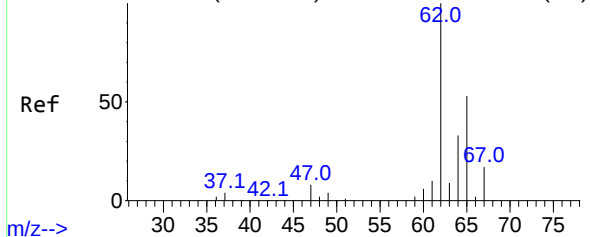
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
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Quant Title : VOC Analysis
QLast Update : Tue Dec 12 03:50:51 2023
Response via : Initial Calibration



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



#5

Vinyl chloride

Concen: 1.272 ug/L

RT: 1.374 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX039256.D

Acq: 16 Dec 2023 02:00

Instrument :

MSVOA_X

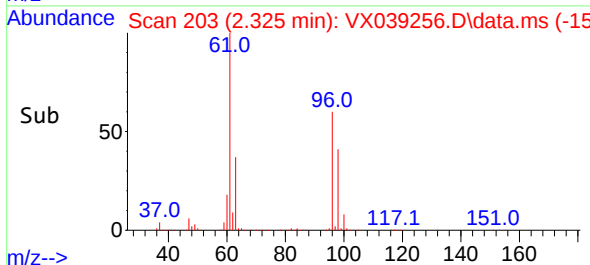
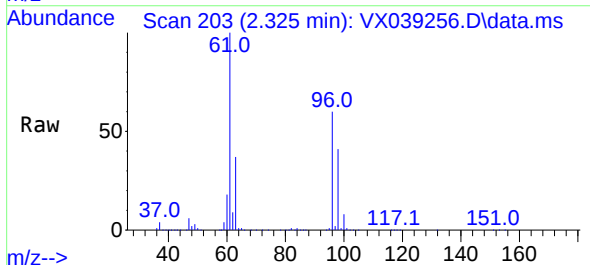
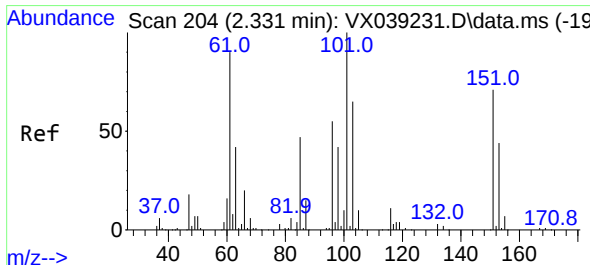
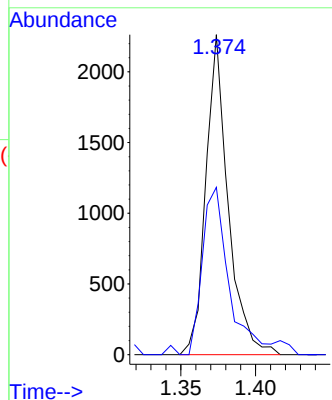
ClientSampleId :

Tgt Ion: 62 Resp: 2341

Ion Ratio Lower Upper

62 100

64 52.3 22.3 41.3#



#10

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

Concen: 4.747 ug/L

RT: 2.325 min Scan# 203

Delta R.T. -0.006 min

Lab File: VX039256.D

Acq: 16 Dec 2023 02:00

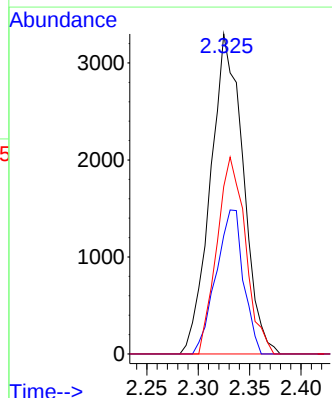
Tgt Ion: 101 Resp: 7283

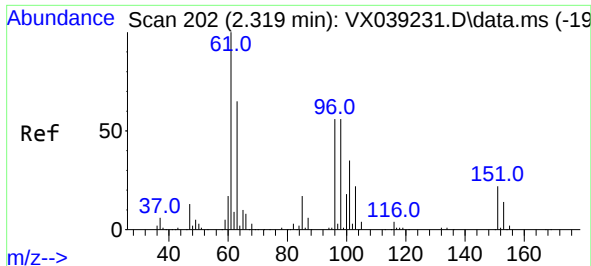
Ion Ratio Lower Upper

101 100

85 37.8 35.8 53.6

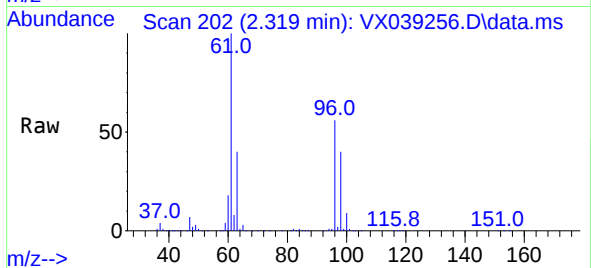
151 53.9 55.4 83.2#



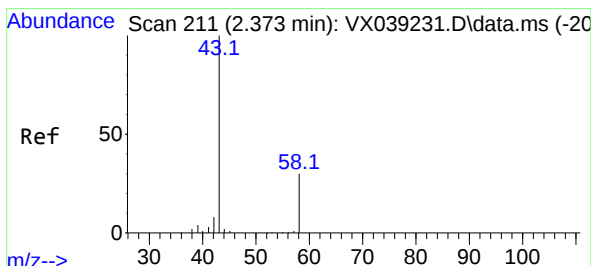
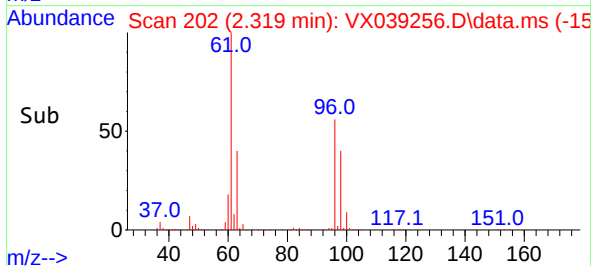
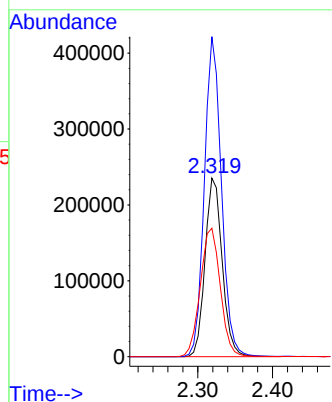


#12
1,1-Dichloroethene
Concen: 260.190 ug/L
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX039256.D
Acq: 16 Dec 2023 02:00

Instrument :
MSVOA_X
ClientSampleId :

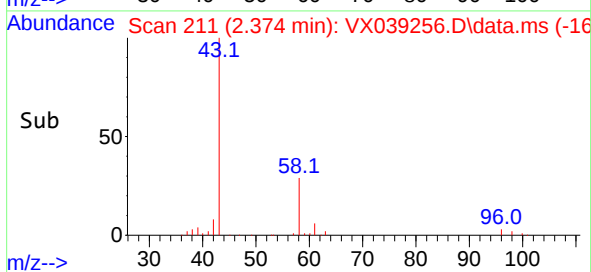
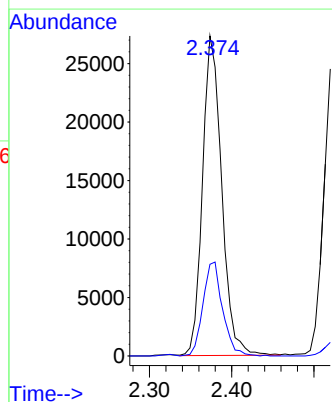
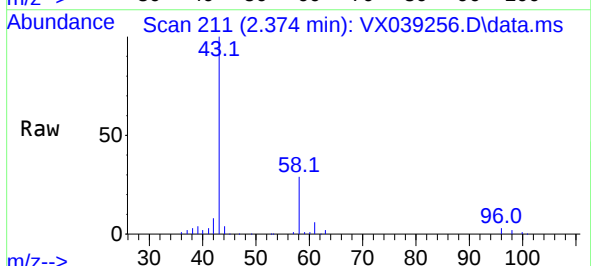


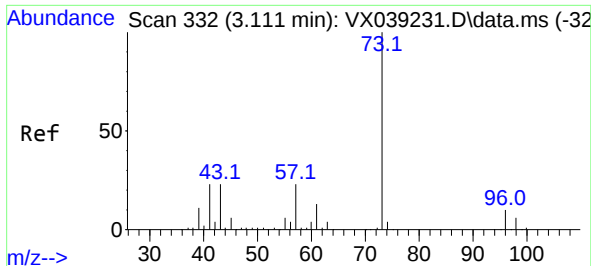
Tgt Ion: 96 Resp: 375455
Ion Ratio Lower Upper
96 100
61 179.1 128.0 237.6
63 71.9 101.5 188.5#



#13
Acetone
Concen: 29.026 ug/L
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX039256.D
Acq: 16 Dec 2023 02:00

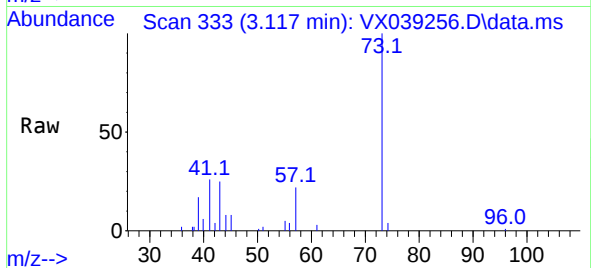
Tgt Ion: 43 Resp: 44345
Ion Ratio Lower Upper
43 100
58 30.0 0.0 65.8



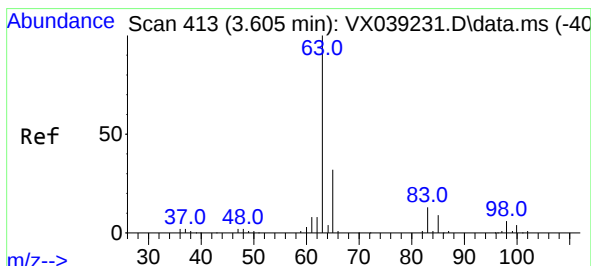
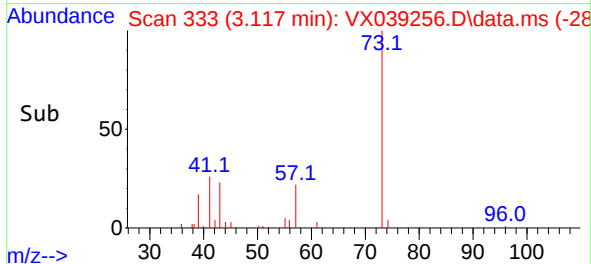
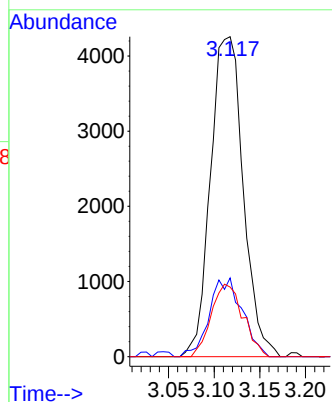


#18
Methyl tert-butyl Ether
Concen: 2.001 ug/L
RT: 3.117 min Scan# 311
Delta R.T. 0.012 min
Lab File: VX039256.D
Acq: 16 Dec 2023 02:00

Instrument :
MSVOA_X
ClientSampleId :

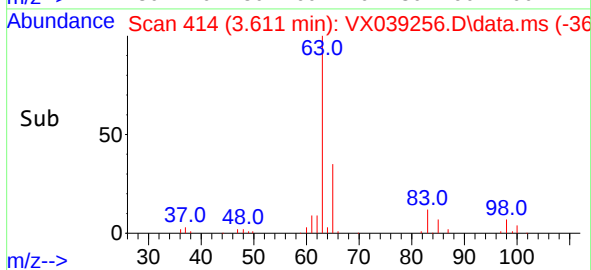
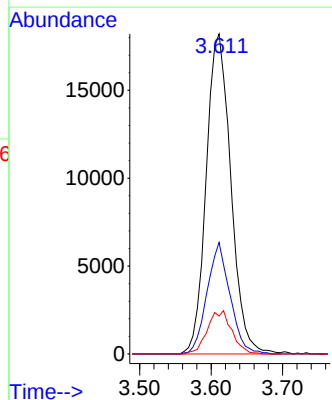
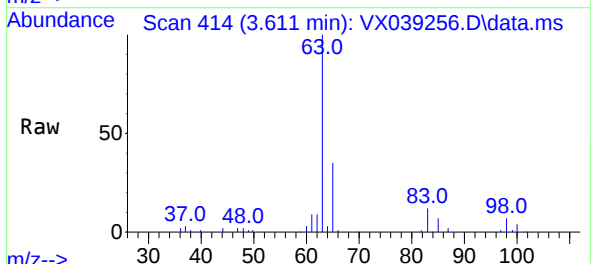


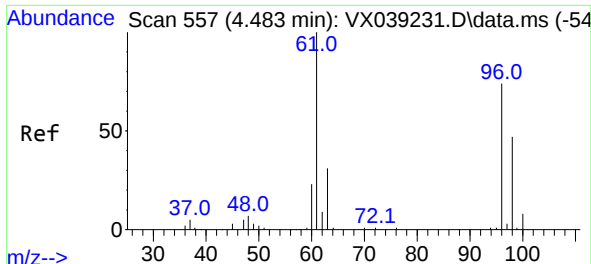
Tgt Ion: 73 Resp: 10592
Ion Ratio Lower Upper
73 100
43 24.2 16.9 25.3
57 22.1 18.5 27.7



#19
1,1-Dichloroethane
Concen: 14.512 ug/L
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX039256.D
Acq: 16 Dec 2023 02:00

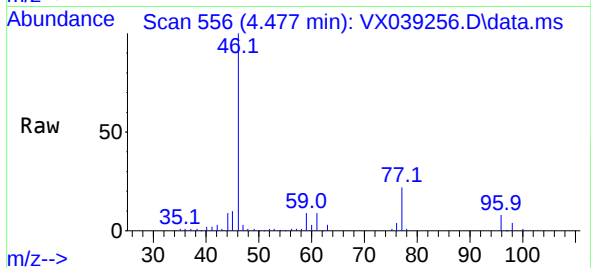
Tgt Ion: 63 Resp: 43627
Ion Ratio Lower Upper
63 100
65 34.8 21.1 39.3
83 11.9 9.7 17.9





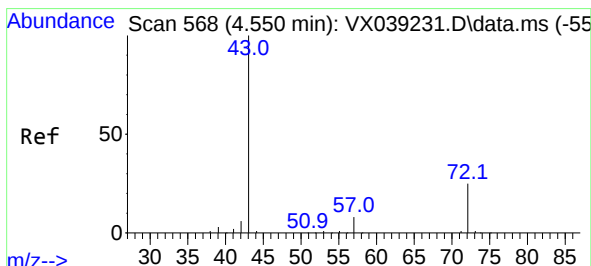
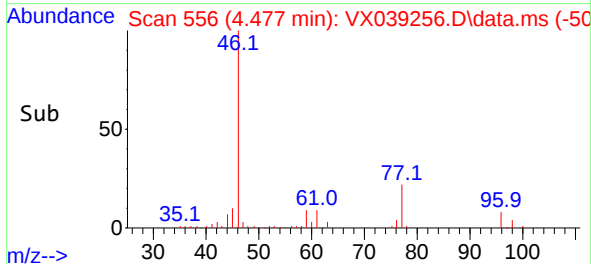
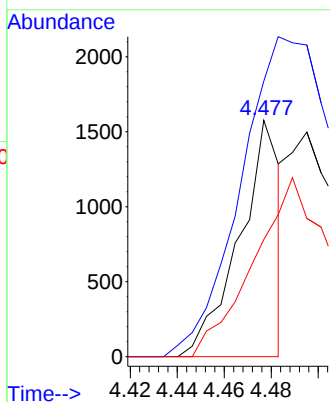
#20
 cis-1,2-Dichloroethene
 Concen: 1.083 ug/L
 RT: 4.477 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VX039256.D
 Acq: 16 Dec 2023 02:00

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 96 Resp: 1909

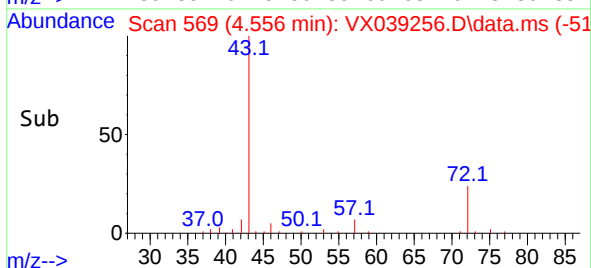
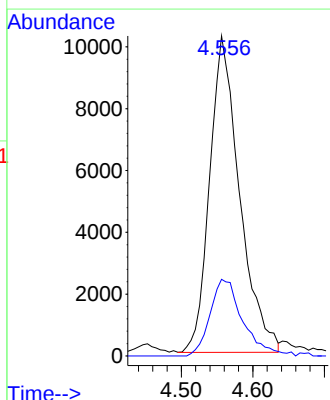
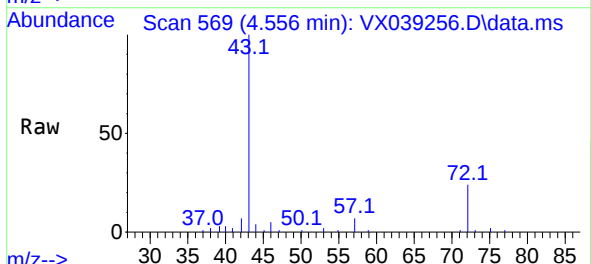
Ion	Ratio	Lower	Upper
96	100		
61	116.6	91.7	170.3
98	49.6	44.2	82.2

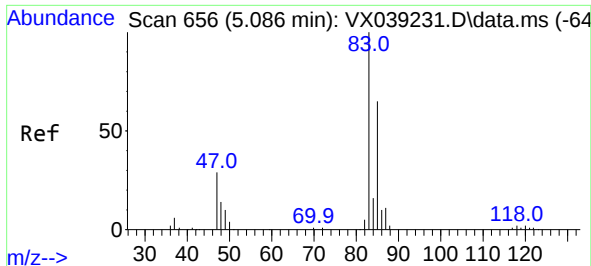


#22
 2-Butanone
 Concen: 15.873 ug/L
 RT: 4.556 min Scan# 569
 Delta R.T. 0.012 min
 Lab File: VX039256.D
 Acq: 16 Dec 2023 02:00

Tgt Ion: 43 Resp: 29762

Ion	Ratio	Lower	Upper
43	100		
72	26.3	12.6	37.6





#25

Chloroform

Concen: 2.677 ug/L

RT: 5.093 min Scan# 61

Delta R.T. 0.012 min

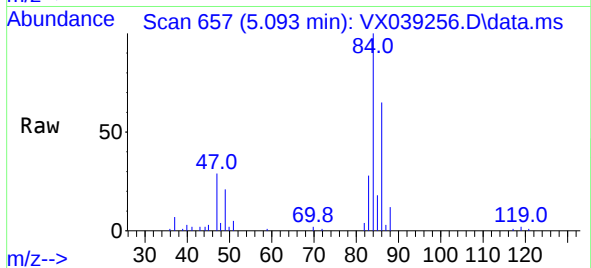
Lab File: VX039256.D

Acq: 16 Dec 2023 02:00

Instrument :

MSVOA_X

ClientSampleId :

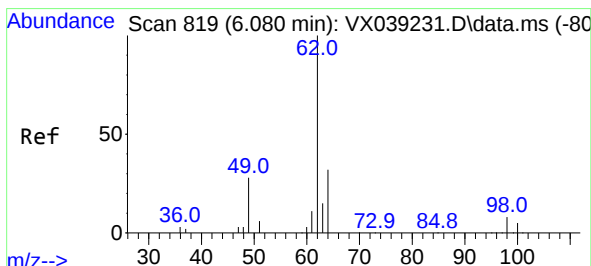
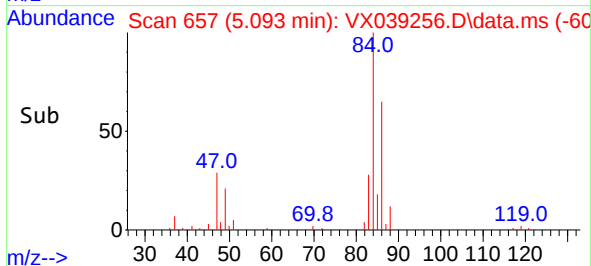
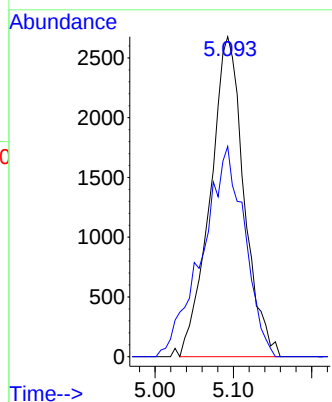


Tgt Ion: 83 Resp: 8026

Ion Ratio Lower Upper

83 100

85 65.7 45.1 83.7



#27

1,2-Dichloroethane

Concen: 12.332 ug/L

RT: 6.086 min Scan# 820

Delta R.T. 0.006 min

Lab File: VX039256.D

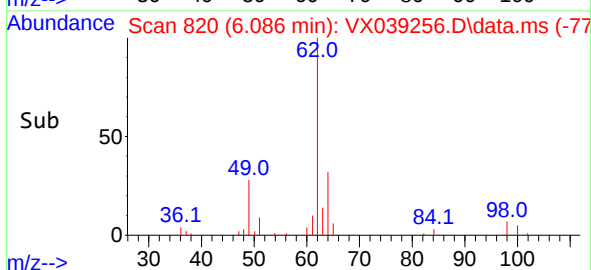
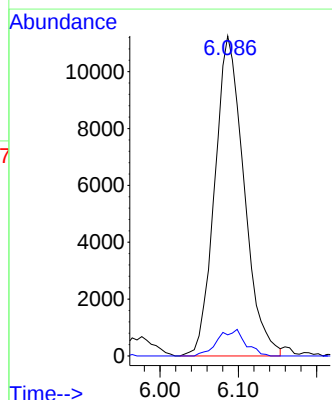
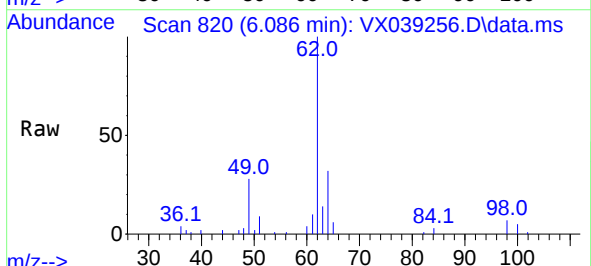
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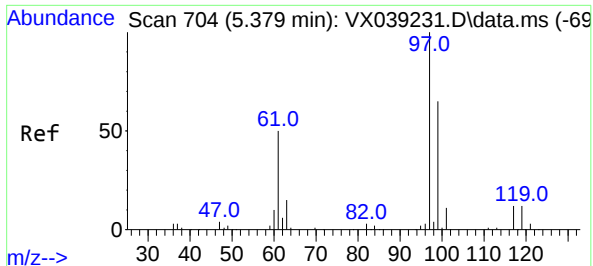
Tgt Ion: 62 Resp: 29185

Ion Ratio Lower Upper

62 100

98 6.6 8.0 12.0#





#30

1,1,1-Trichloroethane

Concen: 40.950 ug/L

RT: 5.385 min Scan# 704

Delta R.T. 0.012 min

Lab File: VX039256.D

Acq: 16 Dec 2023 02:00

Instrument :

MSVOA_X

ClientSampleId :

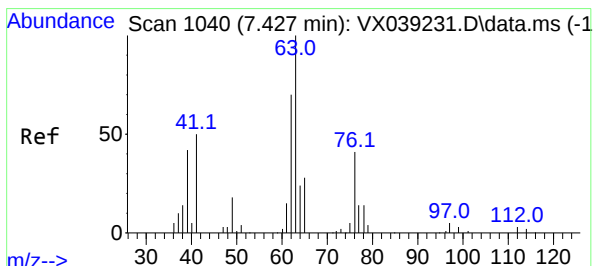
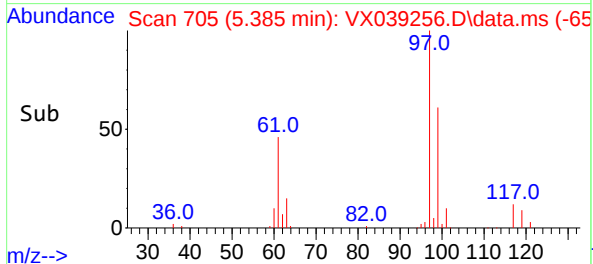
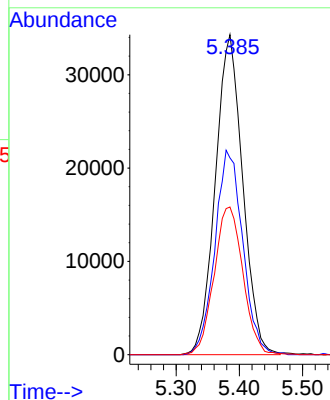
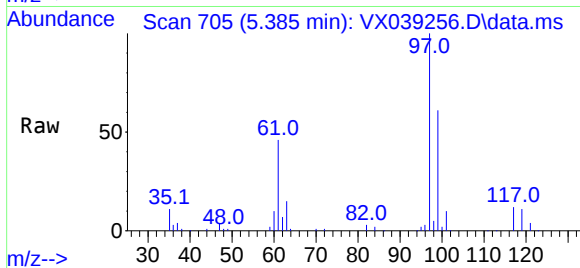
Tgt Ion: 97 Resp: 102968

Ion Ratio Lower Upper

97 100

99 64.8 51.0 76.4

61 48.7 36.7 55.1



#37

1,2-Dichloropropane

Concen: 0.773 ug/L

RT: 7.440 min Scan# 1042

Delta R.T. 0.012 min

Lab File: VX039256.D

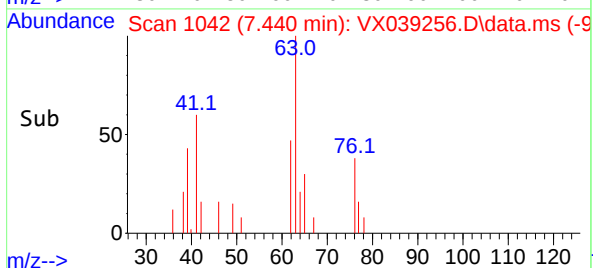
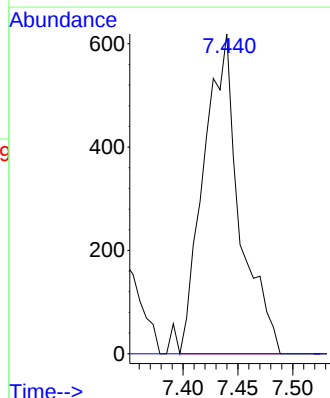
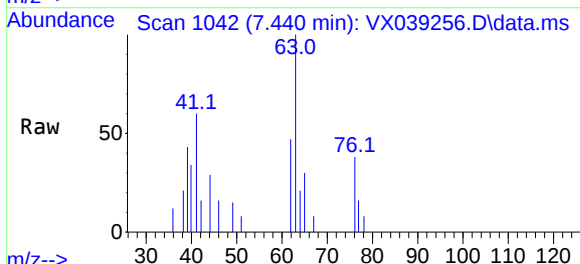
Acq: 16 Dec 2023 02:00

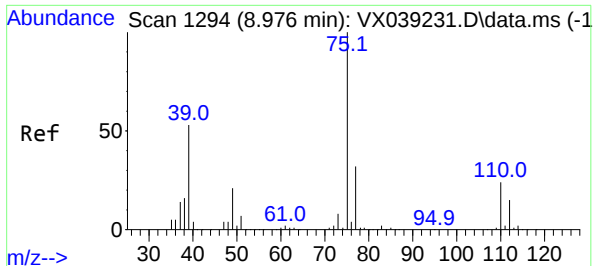
Tgt Ion: 63 Resp: 1411

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#

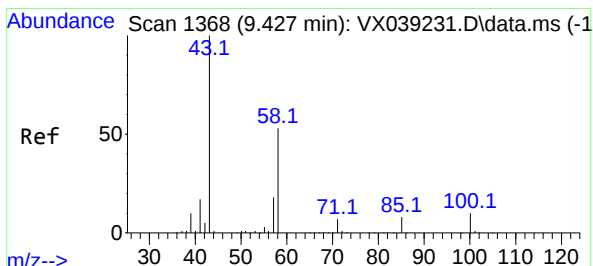
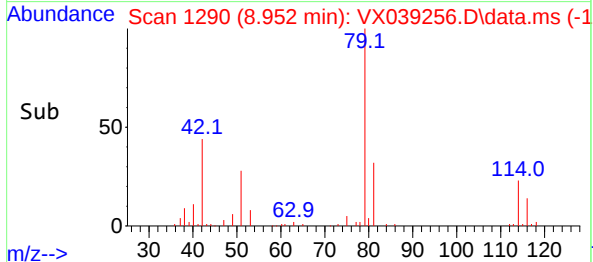
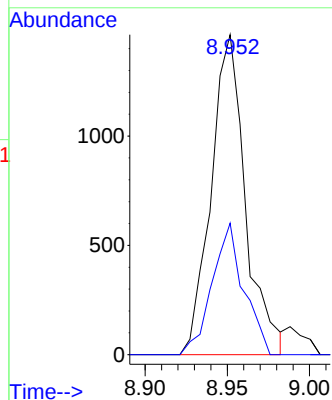
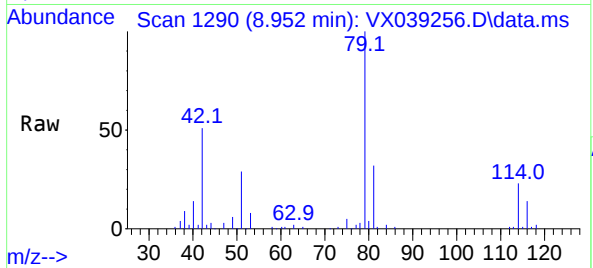




#44
trans-1,3-Dichloropropene
Concen: 0.787 ug/L
RT: 8.952 min Scan# 11
Delta R.T. -0.018 min
Lab File: VX039256.D
Acq: 16 Dec 2023 02:00

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 2128
Ion Ratio Lower Upper
75 100
77 41.1 22.0 40.8#



#48
2-Hexanone
Concen: 5.809 ug/L
RT: 9.378 min Scan# 1360
Delta R.T. -0.049 min
Lab File: VX039256.D
Acq: 16 Dec 2023 02:00

Tgt Ion: 43 Resp: 14883
Ion Ratio Lower Upper
43 100
58 21.3 43.0 64.6#
57 18.8 14.6 21.8
100 0.0 8.2 12.4#

