

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039246.D
 Acq On : 15 Dec 2023 22:11
 Operator : JC/MD
 Sample : 05844-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 16 01:53:35 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)

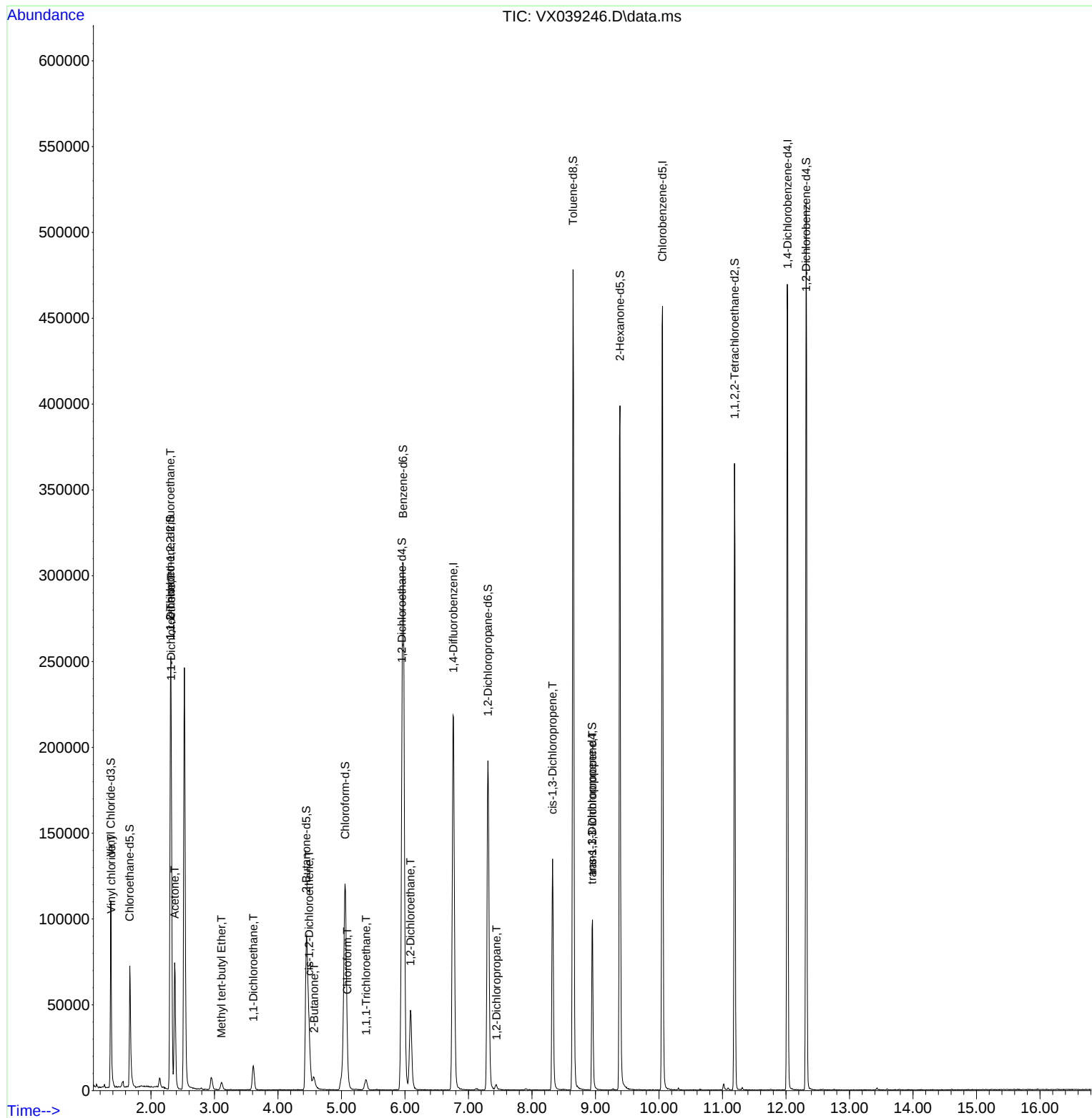
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	213132	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	195811	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	91295	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	65189	38.996	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.000%
7) Chloroethane-d5	1.666	69	52107	42.171	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.340%
11) 1,1-Dichloroethene-d2	2.307	65	34857	47.501	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.000%
21) 2-Butanone-d5	4.446	46	157410	104.024	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.020%
24) Chloroform-d	5.056	84	147223	49.750	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.500%
26) 1,2-Dichloroethane-d4	5.952	65	105666	55.134	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.260%
32) Benzene-d6	5.971	84	297740	49.269	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.540%
36) 1,2-Dichloropropane-d6	7.306	67	97197	49.978	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.960%
41) Toluene-d8	8.647	98	268571	49.041	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.080%
43) trans-1,3-Dichloroprop...	8.946	79	45197	45.668	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.340%
47) 2-Hexanone-d5	9.385	63	112244	96.632	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.630%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	140875	51.062	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.120%
66) 1,2-Dichlorobenzene-d4	12.317	152	92140	53.395	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.780%
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	3779	2.158	ug/L #	77
10) 1,1,2-Trichloro-1,2,2-...	2.307	101	1180	0.808	ug/L #	39
12) 1,1-Dichloroethene	2.319	96	34628	25.220	ug/L #	68
13) Acetone	2.374	43	74750	51.421	ug/L	95
18) Methyl tert-butyl Ether	3.111	73	4158	0.826	ug/L #	89
19) 1,1-Dichloroethane	3.611	63	15575	5.445	ug/L	96
20) cis-1,2-Dichloroethene	4.489	96	13653	8.137	ug/L	98
22) 2-Butanone	4.568	43	12693	7.115	ug/L	85
25) Chloroform	5.093	83	3734	1.309	ug/L	91
27) 1,2-Dichloroethane	6.086	62	49921	22.169	ug/L #	93
30) 1,1,1-Trichloroethane	5.385	97	5789	2.437	ug/L	96
37) 1,2-Dichloropropane	7.440	63	1235	0.716	ug/L #	89
39) cis-1,3-Dichloropropene	8.324	75	3379	1.228	ug/L #	48
44) trans-1,3-Dichloropropene	8.952	75	2437	0.954	ug/L	90

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

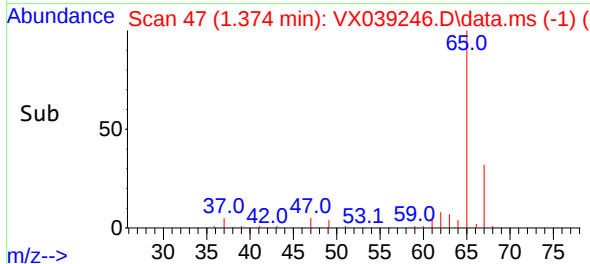
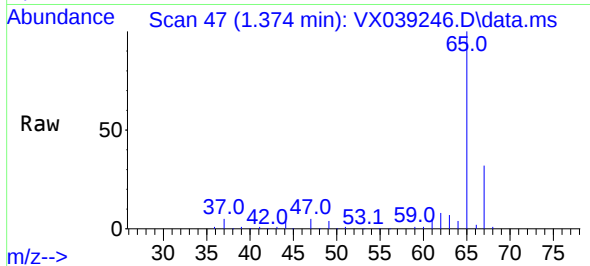
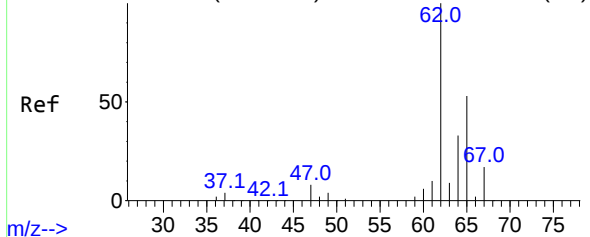
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
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Quant Title : VOC Analysis
QLast Update : Tue Dec 12 03:50:51 2023
Response via : Initial Calibration



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



#5

Vinyl chloride

Concen: 2.158 ug/L

RT: 1.374 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX039246.D

Acq: 15 Dec 2023 22:11

Instrument :

MSVOA_X

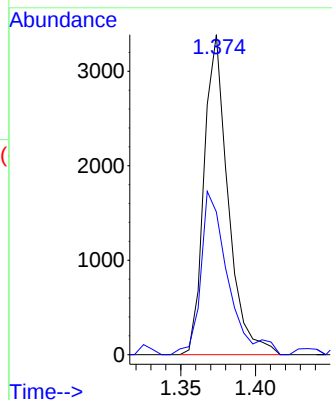
ClientSampleId :

Tgt Ion: 62 Resp: 3779

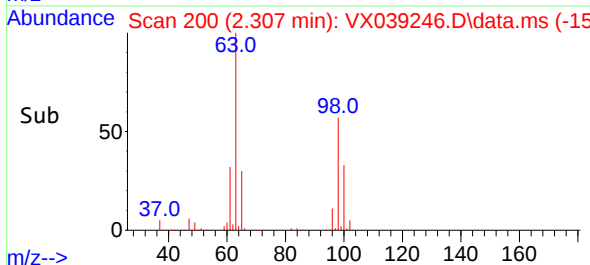
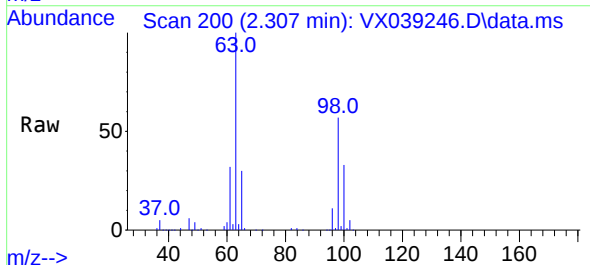
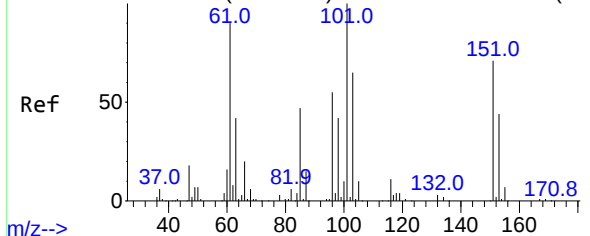
Ion Ratio Lower Upper

62 100

64 44.6 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: 0.808 ug/L

RT: 2.307 min Scan# 200

Delta R.T. -0.024 min

Lab File: VX039246.D

Acq: 15 Dec 2023 22:11

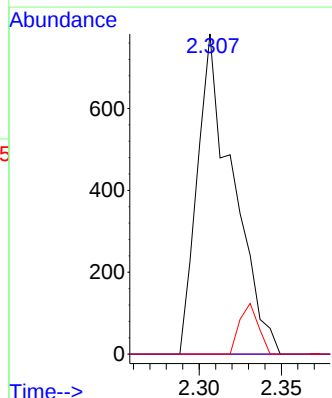
Tgt Ion: 101 Resp: 1180

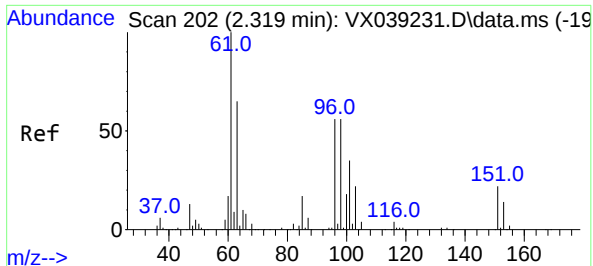
Ion Ratio Lower Upper

101 100

85 70.6 35.8 53.6#

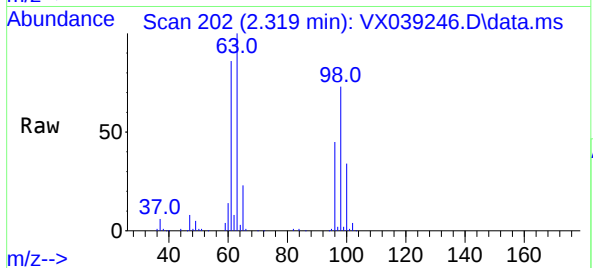
151 8.3 55.4 83.2#



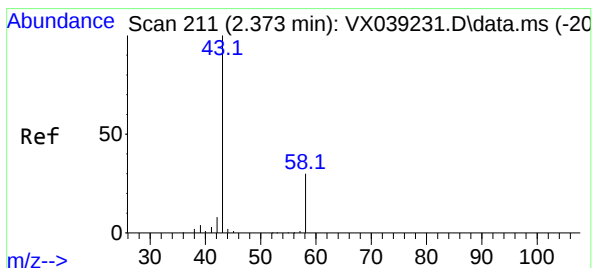
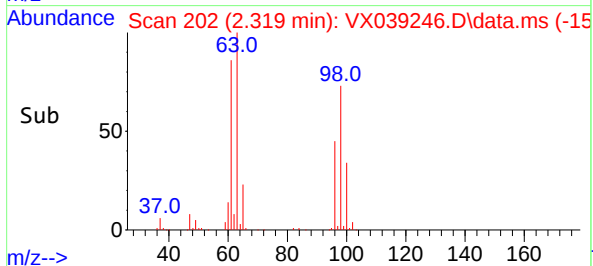
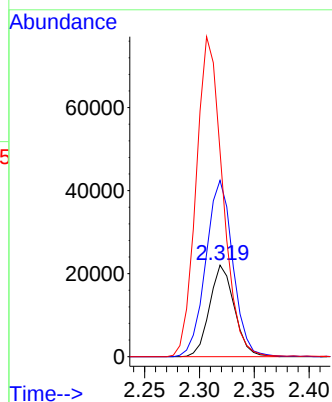


#12
1,1-Dichloroethene
Concen: 25.220 ug/L
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX039246.D
Acq: 15 Dec 2023 22:11

Instrument :
MSVOA_X
ClientSampleId :

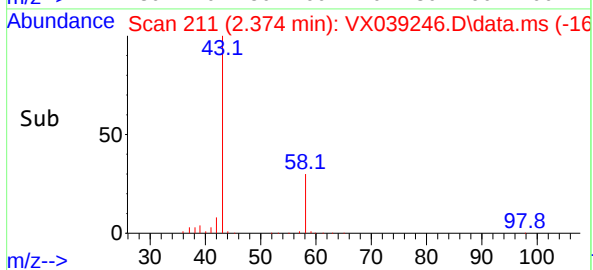
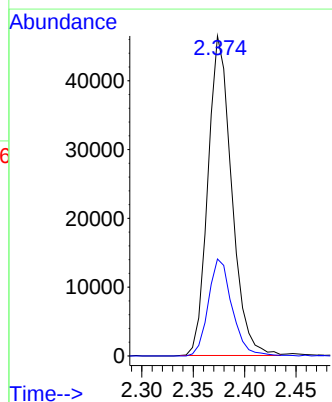
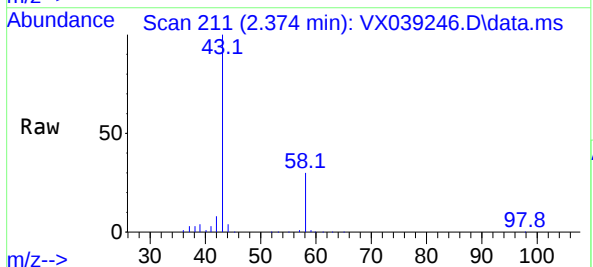


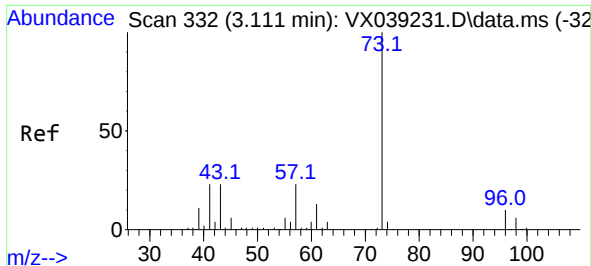
Tgt Ion: 96 Resp: 34628
Ion Ratio Lower Upper
96 100
61 192.7 128.0 237.6
63 224.5 101.5 188.5#



#13
Acetone
Concen: 51.421 ug/L
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX039246.D
Acq: 15 Dec 2023 22:11

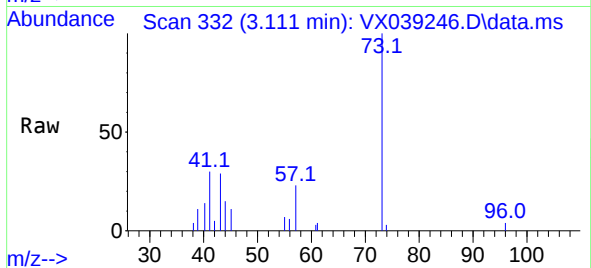
Tgt Ion: 43 Resp: 74750
Ion Ratio Lower Upper
43 100
58 30.3 0.0 65.8



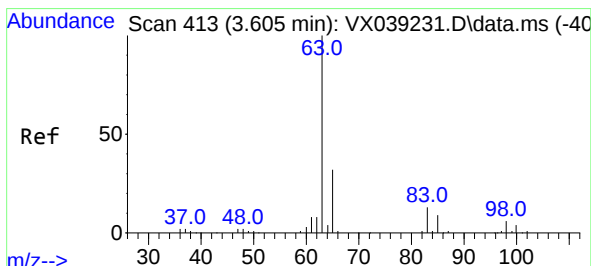
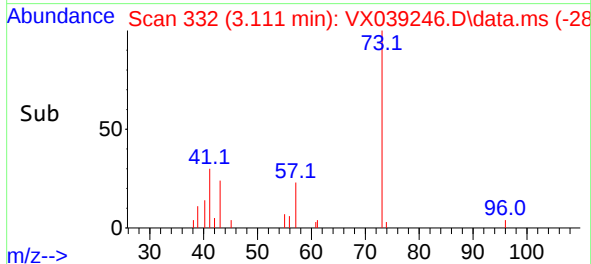
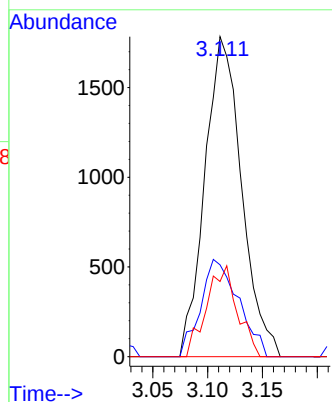


#18
Methyl tert-butyl Ether
Concen: 0.826 ug/L
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX039246.D
Acq: 15 Dec 2023 22:11

Instrument :
MSVOA_X
ClientSampleId :

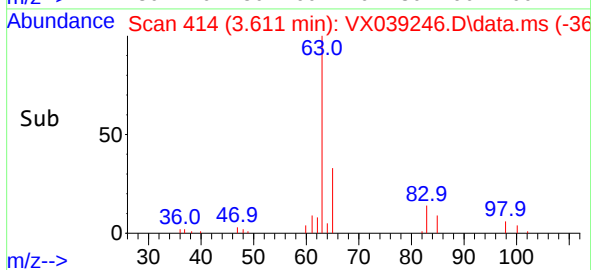
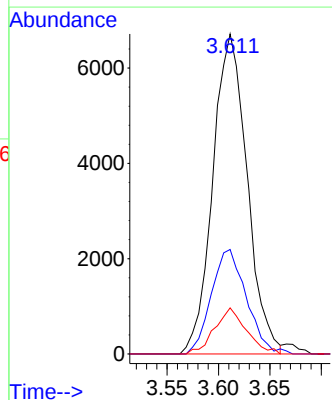
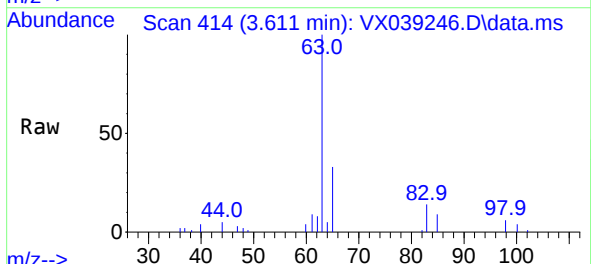


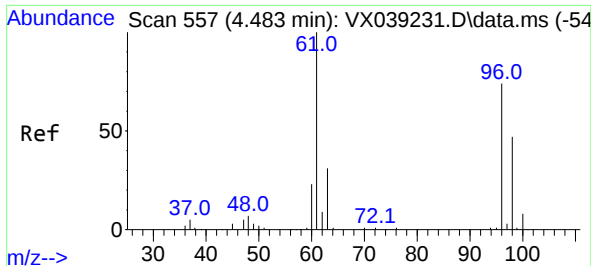
Tgt Ion: 73 Resp: 4158
Ion Ratio Lower Upper
73 100
43 31.3 16.9 25.3#
57 23.8 18.5 27.7



#19
1,1-Dichloroethane
Concen: 5.445 ug/L
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX039246.D
Acq: 15 Dec 2023 22:11

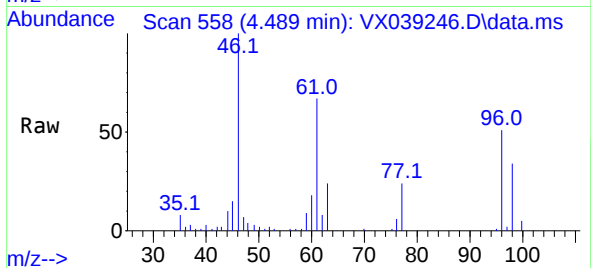
Tgt Ion: 63 Resp: 15575
Ion Ratio Lower Upper
63 100
65 32.7 21.1 39.3
83 14.4 9.7 17.9



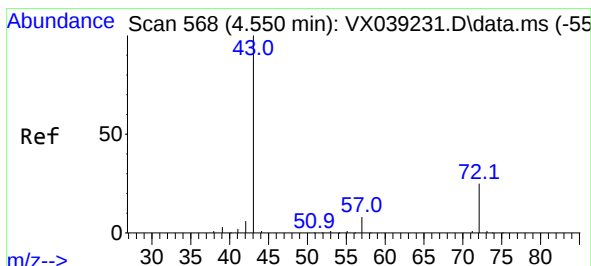
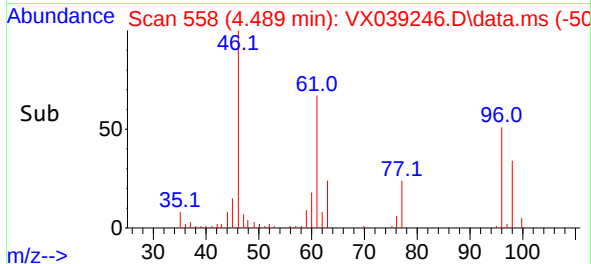
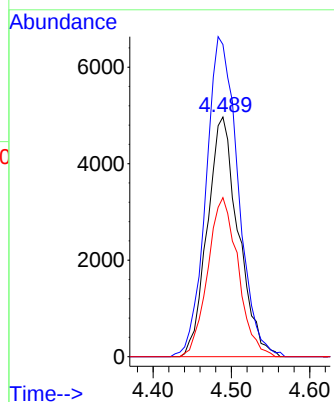


#20
cis-1,2-Dichloroethene
Concen: 8.137 ug/L
RT: 4.489 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX039246.D
Acq: 15 Dec 2023 22:11

Instrument :
MSVOA_X
ClientSampleId :

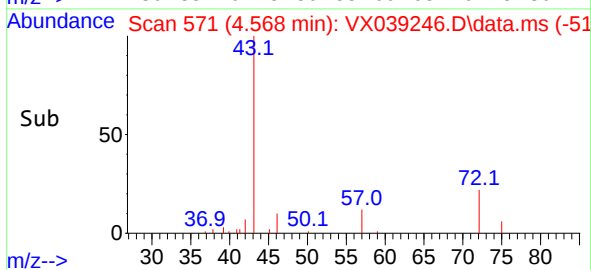
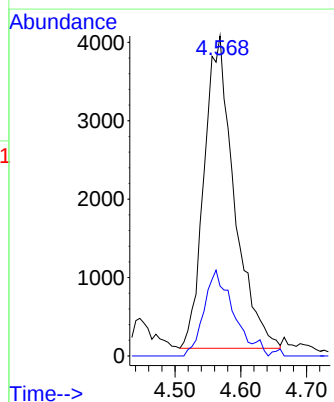
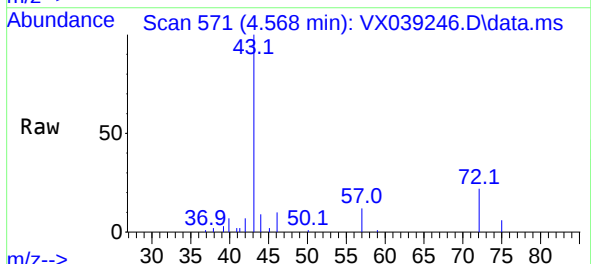


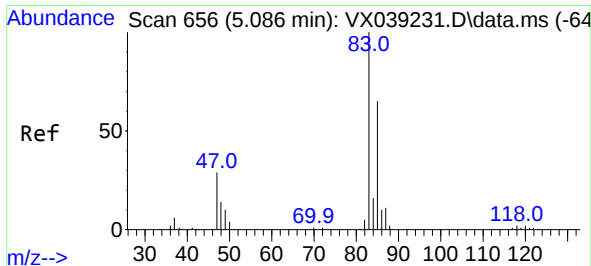
Tgt Ion: 96 Resp: 13653
Ion Ratio Lower Upper
96 100
61 130.3 91.7 170.3
98 66.4 44.2 82.2



#22
2-Butanone
Concen: 7.115 ug/L
RT: 4.568 min Scan# 571
Delta R.T. 0.024 min
Lab File: VX039246.D
Acq: 15 Dec 2023 22:11

Tgt Ion: 43 Resp: 12693
Ion Ratio Lower Upper
43 100
72 17.4 12.6 37.6





#25

Chloroform

Concen: 1.309 ug/L

RT: 5.093 min Scan# 61

Delta R.T. 0.012 min

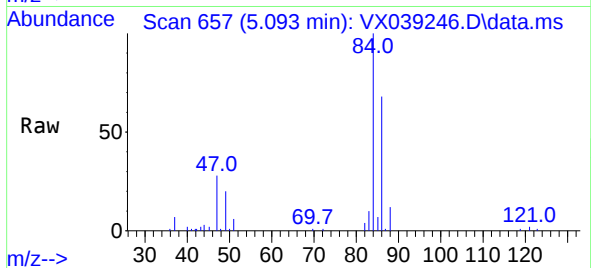
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Acq: 15 Dec 2023 22:11

Instrument :

MSVOA_X

ClientSampleId :

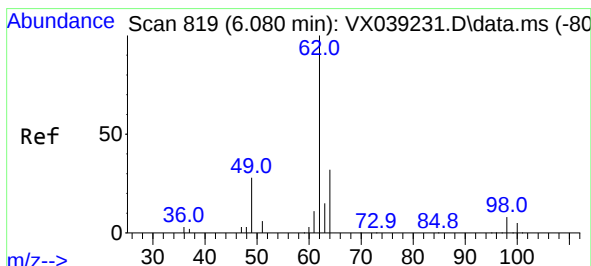
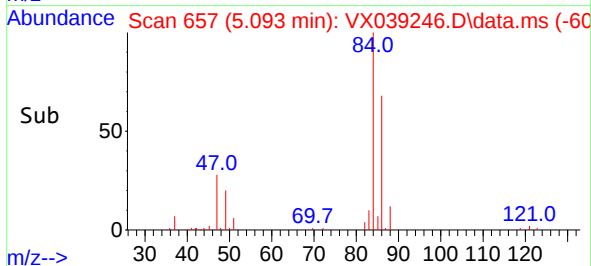
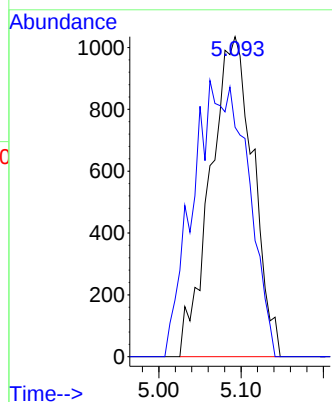


Tgt Ion: 83 Resp: 3734

Ion Ratio Lower Upper

83 100

85 71.7 45.1 83.7



#27

1,2-Dichloroethane

Concen: 22.169 ug/L

RT: 6.086 min Scan# 820

Delta R.T. 0.006 min

Lab File: VX039246.D

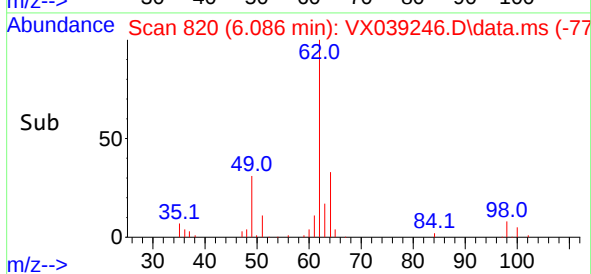
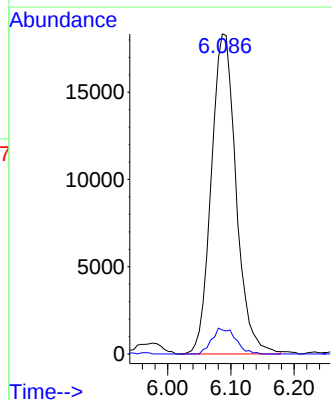
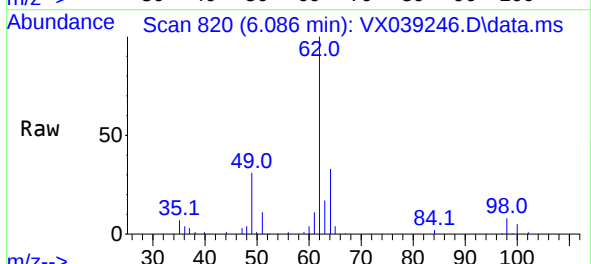
Acq: 15 Dec 2023 22:11

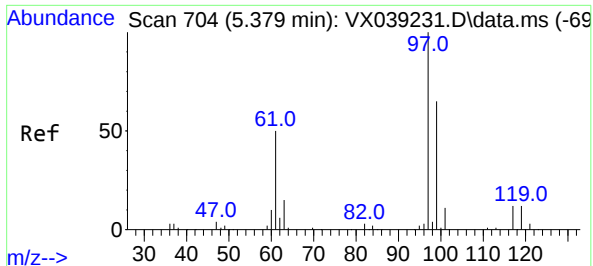
Tgt Ion: 62 Resp: 49921

Ion Ratio Lower Upper

62 100

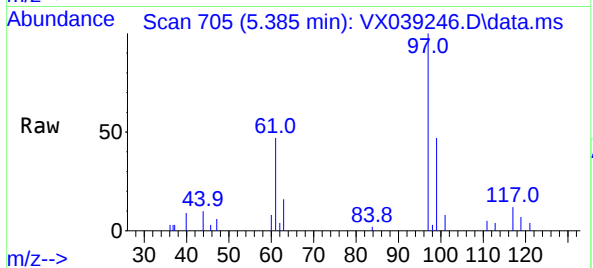
98 7.5 8.0 12.0#



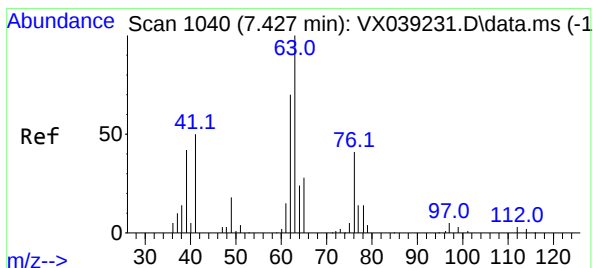
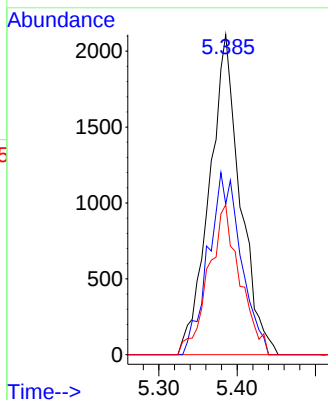
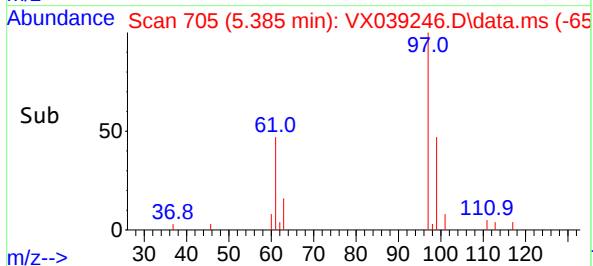


#30
1,1,1-Trichloroethane
Concen: 2.437 ug/L
RT: 5.385 min Scan# 704
Delta R.T. 0.012 min
Lab File: VX039246.D
Acq: 15 Dec 2023 22:11

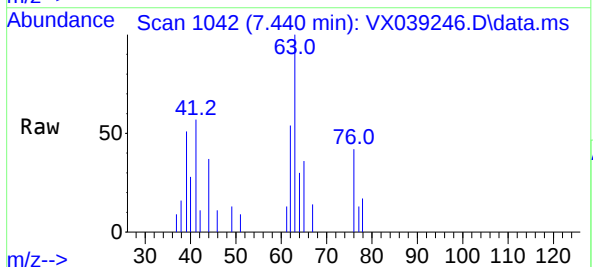
Instrument :
MSVOA_X
ClientSampleId :



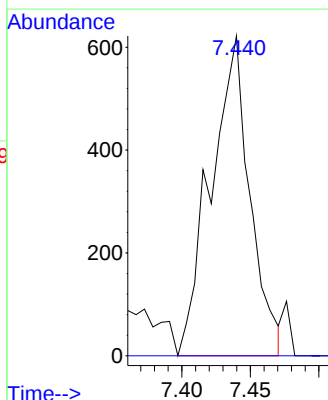
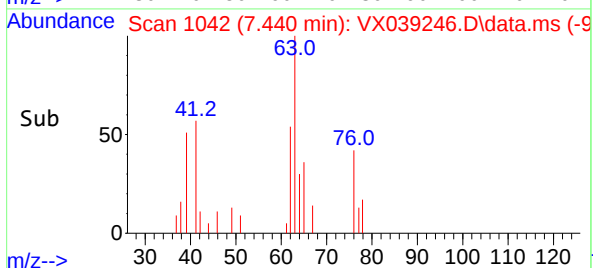
Tgt Ion: 97 Resp: 5789
Ion Ratio Lower Upper
97 100
99 60.1 51.0 76.4
61 47.7 36.7 55.1

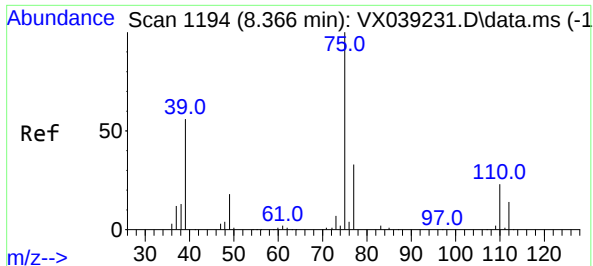


#37
1,2-Dichloropropane
Concen: 0.716 ug/L
RT: 7.440 min Scan# 1042
Delta R.T. 0.012 min
Lab File: VX039246.D
Acq: 15 Dec 2023 22:11



Tgt Ion: 63 Resp: 1235
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#





#39

cis-1,3-Dichloropropene

Concen: 1.228 ug/L

RT: 8.324 min Scan# 1194

Delta R.T. -0.037 min

Lab File: VX039246.D

Acq: 15 Dec 2023 22:11

Instrument :

MSVOA_X

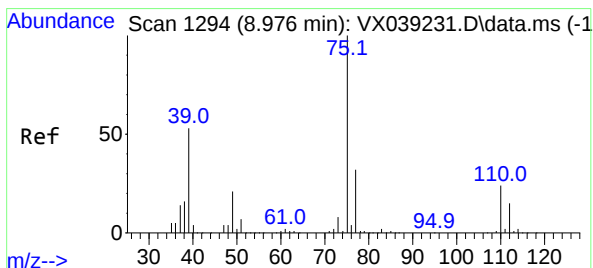
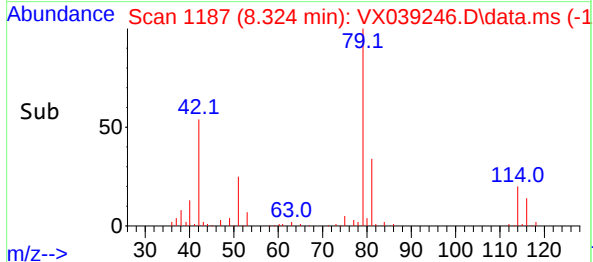
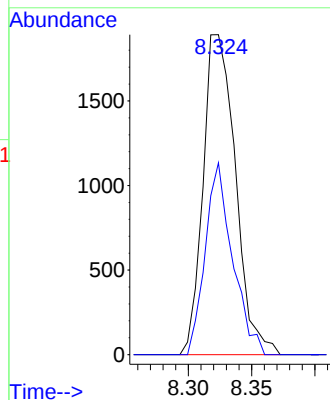
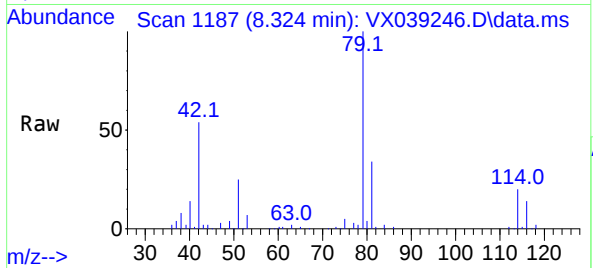
ClientSampleId :

Tgt Ion: 75 Resp: 3379

Ion Ratio Lower Upper

75 100

77 59.9 22.0 40.8#



#44

trans-1,3-Dichloropropene

Concen: 0.954 ug/L

RT: 8.952 min Scan# 1290

Delta R.T. -0.018 min

Lab File: VX039246.D

Acq: 15 Dec 2023 22:11

Tgt Ion: 75 Resp: 2437

Ion Ratio Lower Upper

75 100

77 36.8 22.0 40.8

