

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122023\
 Data File : VX039390.D
 Acq On : 20 Dec 2023 10:31
 Operator : JC/MD
 Sample : 05807-11
 Misc : 5.05g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 21 00:24:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 20 00:14:00 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

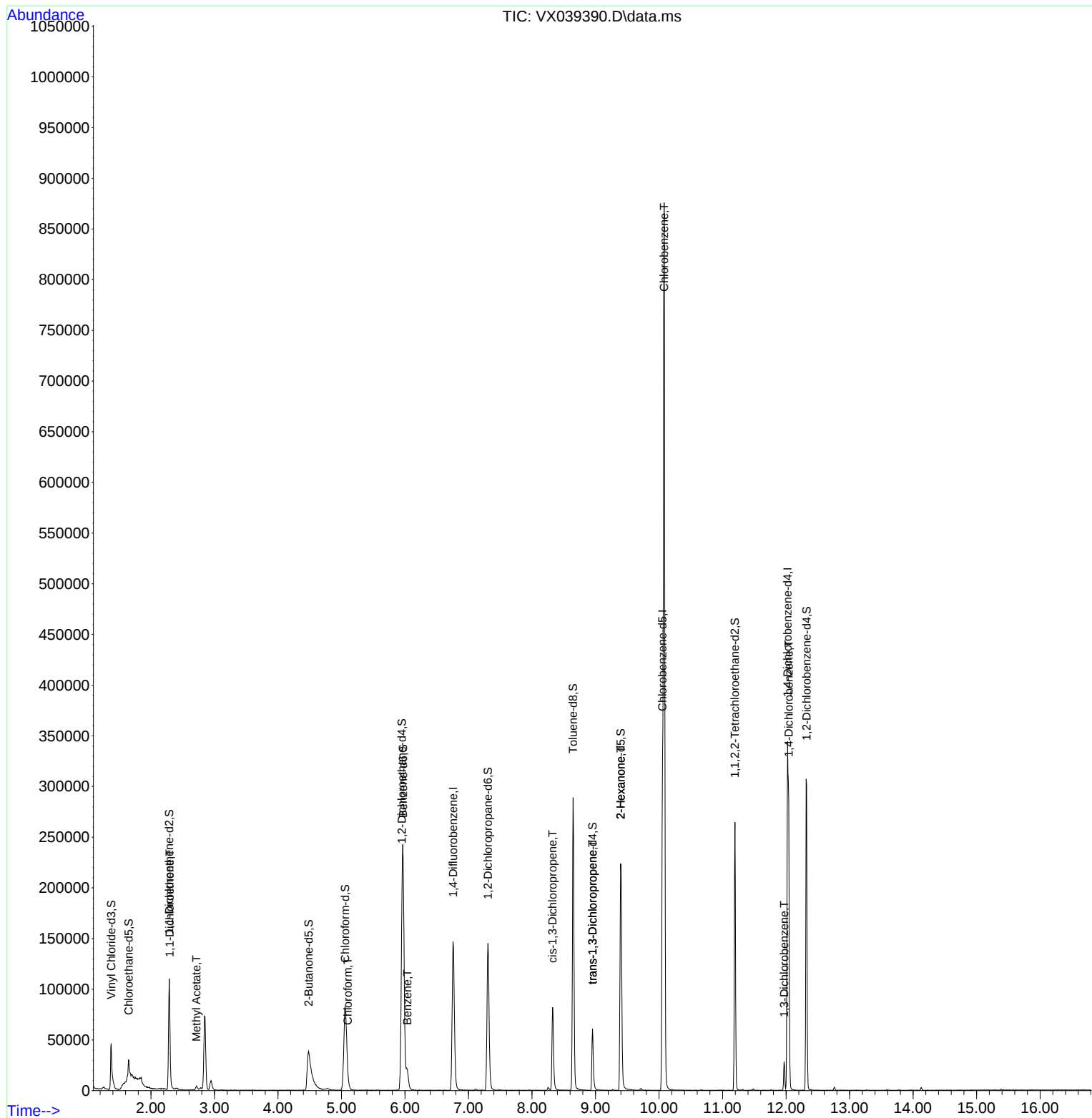
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	146661	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	126690	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	56331	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	46914	40.783	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	81.560%		
7) Chloroethane-d5	1.648	69	19261	22.653	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery =	45.300%#		
11) 1,1-Dichloroethene-d2	2.288	65	21230	42.044	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.080%		
21) 2-Butanone-d5	4.483	46	111667	107.241	ug/L	0.04
Spiked Amount 100.000	Range 40 - 130		Recovery =	107.240%		
24) Chloroform-d	5.056	84	106444	52.272	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	104.540%		
26) 1,2-Dichloroethane-d4	5.952	65	86702	65.743	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	131.480%#		
32) Benzene-d6	5.970	84	217864	55.721	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	111.440%		
36) 1,2-Dichloropropane-d6	7.306	67	75422	59.940	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	119.880%		
41) Toluene-d8	8.647	98	171420	48.379	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.760%		
43) trans-1,3-Dichloroprop...	8.952	79	30063	46.950	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.900%		
47) 2-Hexanone-d5	9.397	63	82411	109.657	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery =	109.660%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	100857	56.503	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	113.000%		
66) 1,2-Dichlorobenzene-d4	12.323	152	56388	52.959	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	105.920%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.294	96	570	0.603	ug/L #	1
15) Methyl Acetate	2.715	43	5633	3.940	ug/L #	90
25) Chloroform	5.099	83	6972	3.551	ug/L	93
33) Benzene	6.037	78	23327	5.794	ug/L	100
39) cis-1,3-Dichloropropene	8.324	75	2483	1.394	ug/L #	82
44) trans-1,3-Dichloropropene	8.952	75	1680	1.017	ug/L	96
48) 2-Hexanone	9.397	43	10848	6.926	ug/L #	67
51) Chlorobenzene	10.079	112	376826	142.890	ug/L	95
64) 1,3-Dichlorobenzene	11.969	146	8187	4.647	ug/L	94
65) 1,4-Dichlorobenzene	12.043	146	76992	43.126	ug/L	98

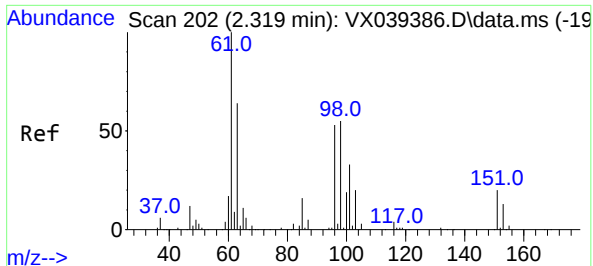
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 21 00:24:31 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120523WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 20 00:14:00 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.603 ug/L

RT: 2.294 min Scan# 198

Delta R.T. -0.024 min

Lab File: VX039390.D

Acq: 20 Dec 2023 10:31

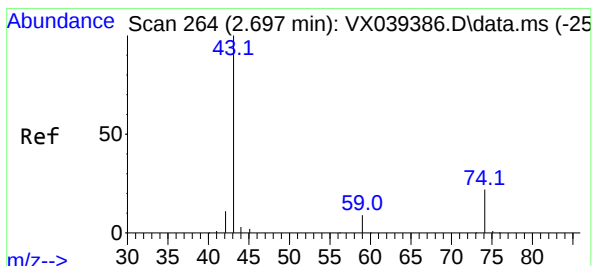
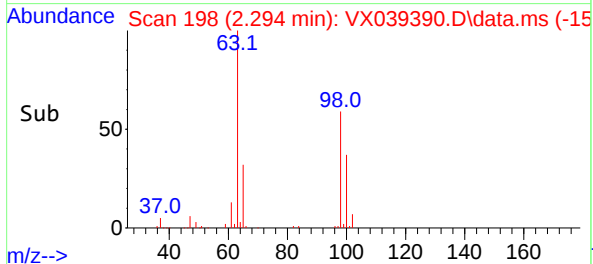
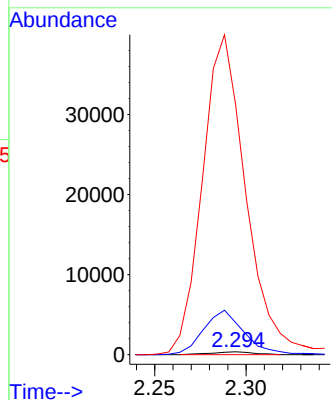
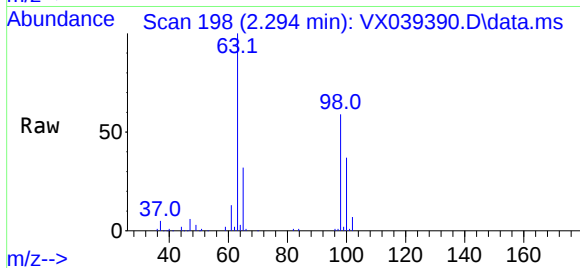
Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 96 Resp: 570

Ion	Ratio	Lower	Upper
96	100		
61	1103.6	128.0	237.6#
63	8593.4	101.5	188.5#



#15

Methyl Acetate

Concen: 3.940 ug/L

RT: 2.715 min Scan# 267

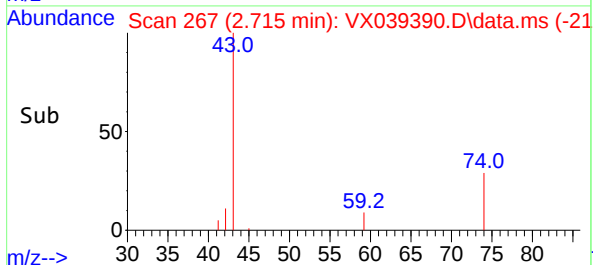
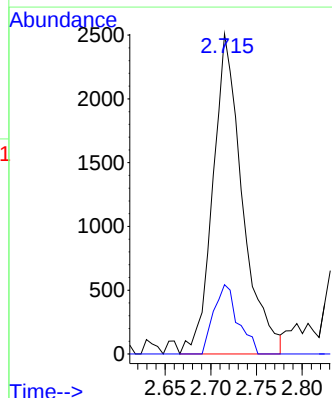
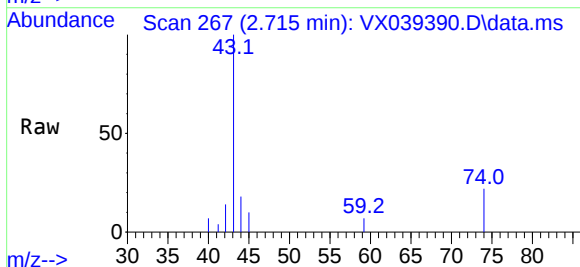
Delta R.T. 0.018 min

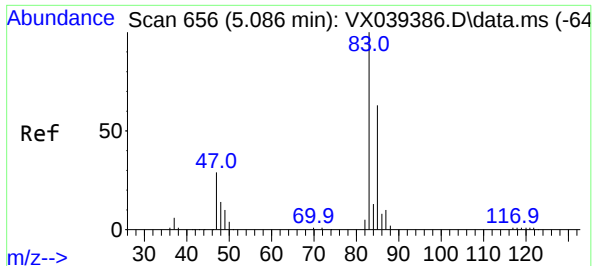
Lab File: VX039390.D

Acq: 20 Dec 2023 10:31

Tgt Ion: 43 Resp: 5633

Ion	Ratio	Lower	Upper
43	100		
74	17.7	18.2	27.4#

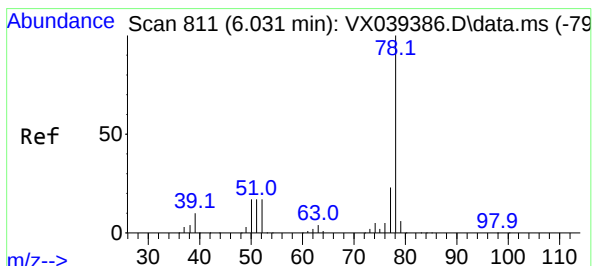
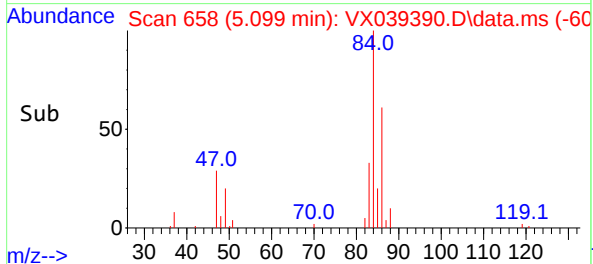
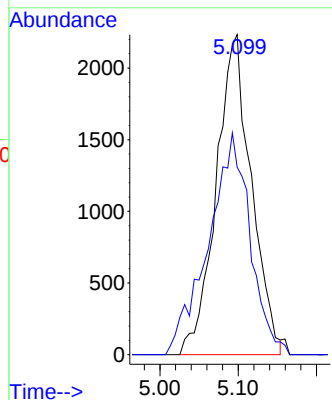
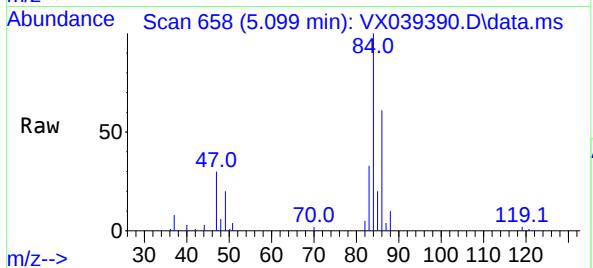




#25
Chloroform
Concen: 3.551 ug/L
RT: 5.099 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX039390.D
Acq: 20 Dec 2023 10:31

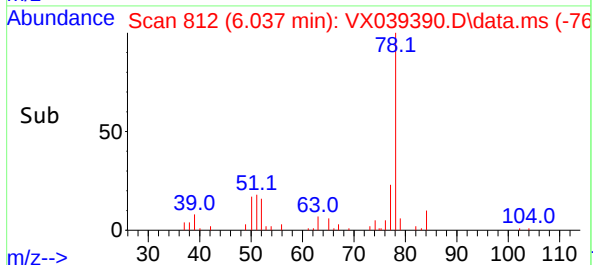
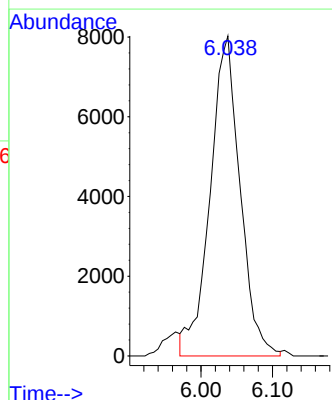
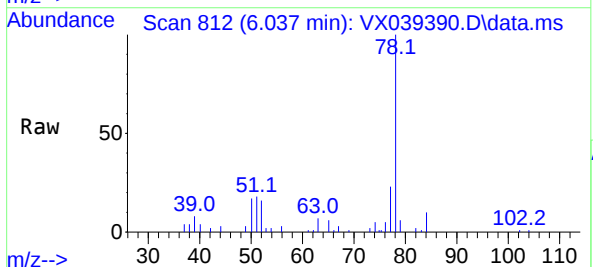
Instrument :
MSVOA_X
ClientSampleId :

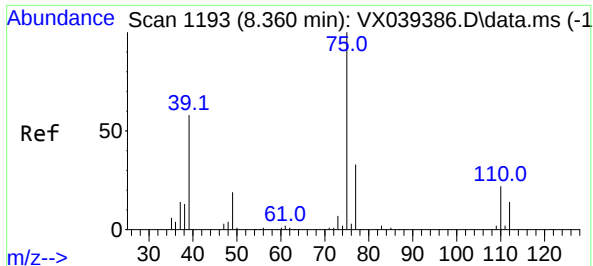
Tgt Ion: 83 Resp: 6972
Ion Ratio Lower Upper
83 100
85 58.6 45.1 83.7



#33
Benzene
Concen: 5.794 ug/L
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX039390.D
Acq: 20 Dec 2023 10:31

Tgt Ion: 78 Resp: 23327





#39

cis-1,3-Dichloropropene

Concen: 1.394 ug/L

RT: 8.324 min Scan# 1193

Delta R.T. -0.043 min

Lab File: VX039390.D

Acq: 20 Dec 2023 10:31

Instrument :

MSVOA_X

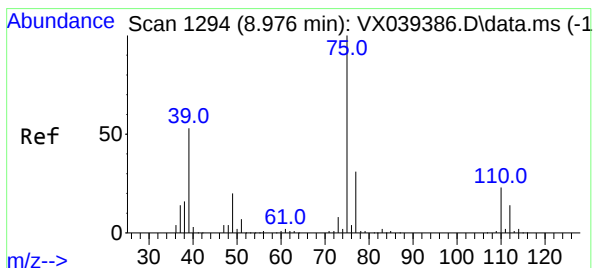
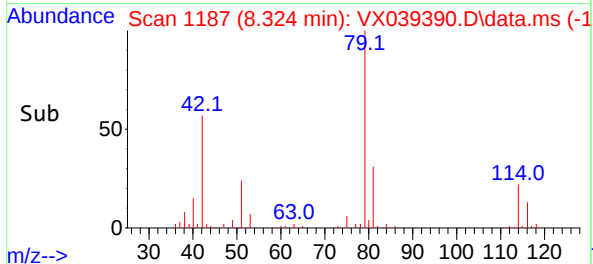
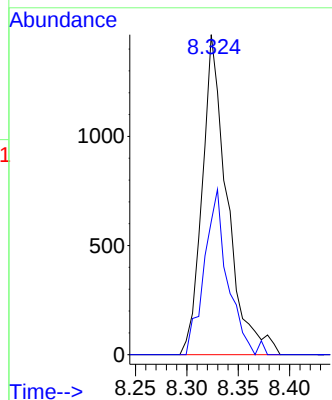
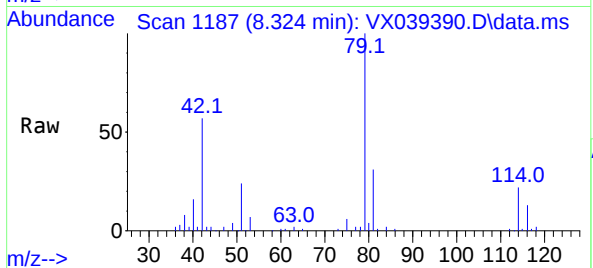
ClientSampleId :

Tgt Ion: 75 Resp: 2483

Ion Ratio Lower Upper

75 100

77 41.6 22.0 40.8#



#44

trans-1,3-Dichloropropene

Concen: 1.017 ug/L

RT: 8.952 min Scan# 1290

Delta R.T. -0.024 min

Lab File: VX039390.D

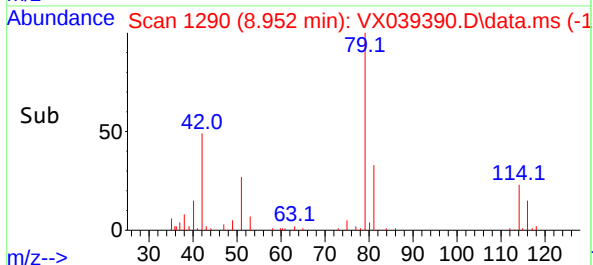
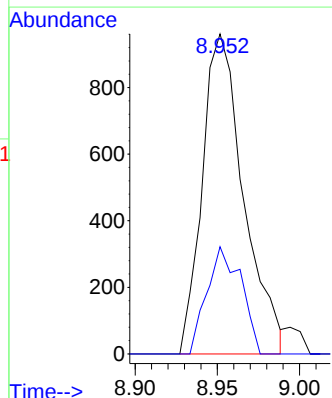
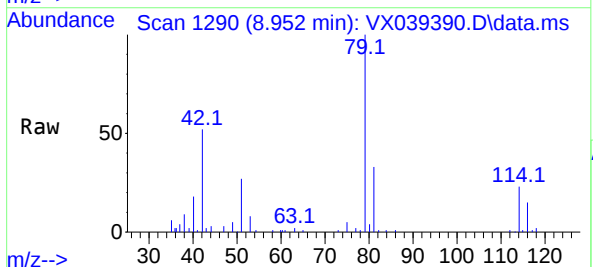
Acq: 20 Dec 2023 10:31

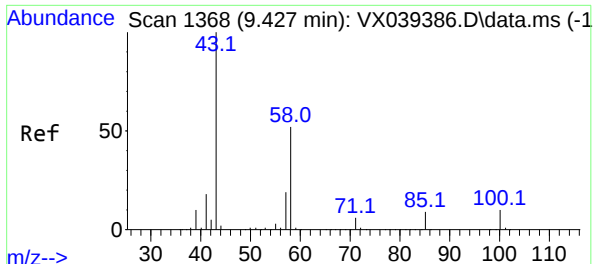
Tgt Ion: 75 Resp: 1680

Ion Ratio Lower Upper

75 100

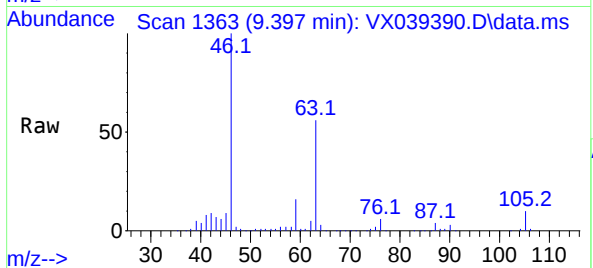
77 33.5 22.0 40.8



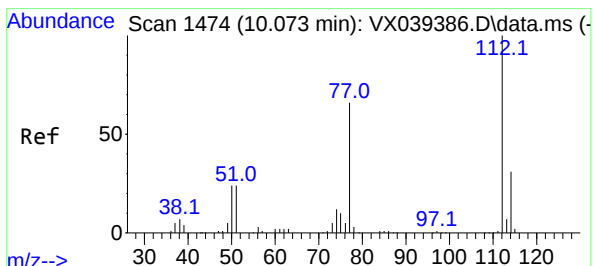
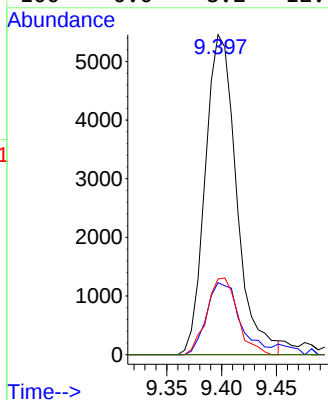
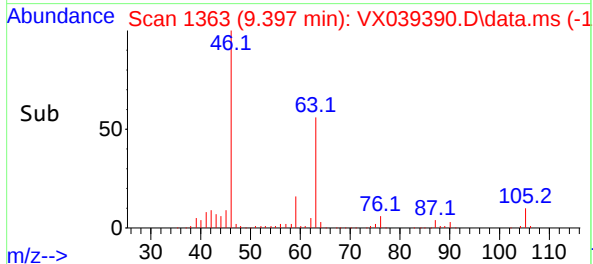


#48
2-Hexanone
Concen: 6.926 ug/L
RT: 9.397 min Scan# 11
Delta R.T. -0.030 min
Lab File: VX039390.D
Acq: 20 Dec 2023 10:31

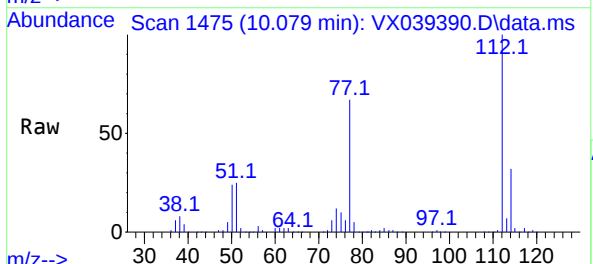
Instrument :
MSVOA_X
ClientSampleId :



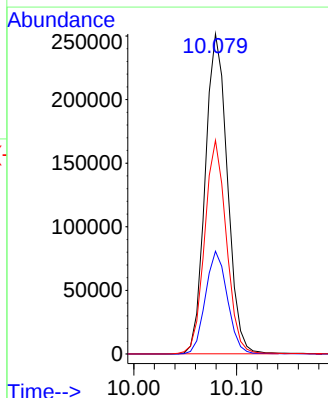
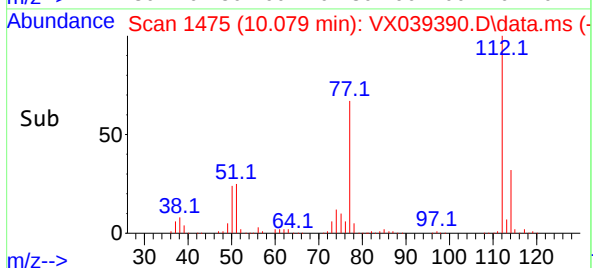
Tgt Ion: 43	Resp: 10848
Ion Ratio	Lower Upper
43 100	
58 24.2	43.0 64.6#
57 23.3	14.6 21.8#
100 0.0	8.2 12.4#

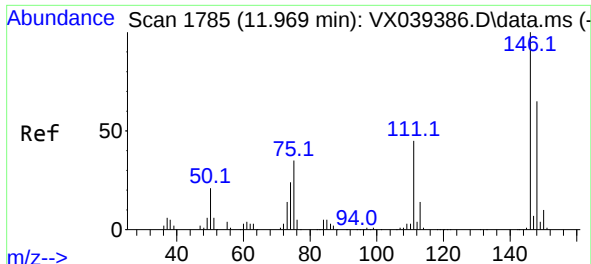


#51
Chlorobenzene
Concen: 142.890 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX039390.D
Acq: 20 Dec 2023 10:31



Tgt Ion:112	Resp: 376826		
Ion Ratio	Lower	Upper	
112 100			
114 32.1	21.8	40.4	
77 66.8	49.0	73.6	

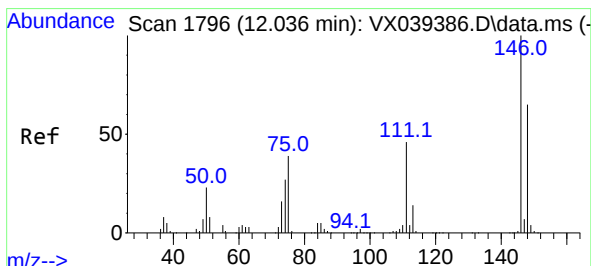
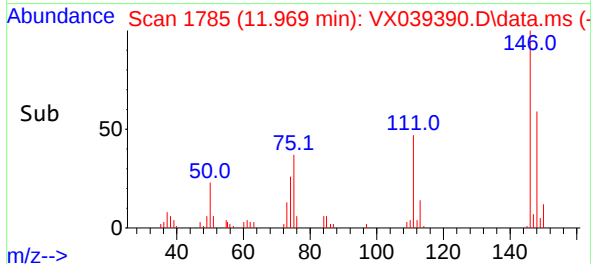
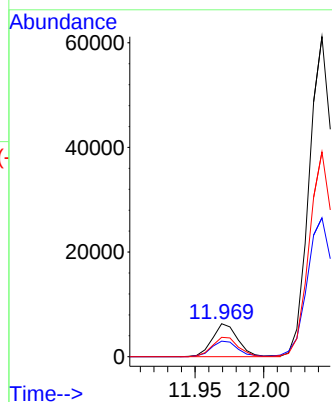
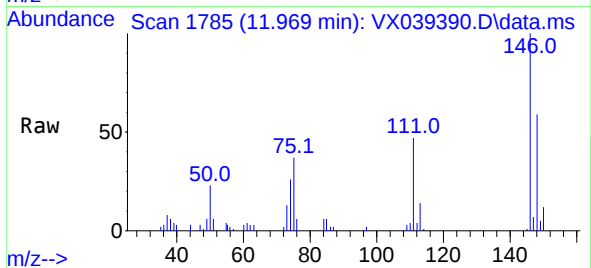




#64
1,3-Dichlorobenzene
Concen: 4.647 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX039390.D
Acq: 20 Dec 2023 10:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:146 Resp: 8187
Ion Ratio Lower Upper
146 100
111 47.1 30.0 55.6
148 58.9 44.2 82.0



#65
1,4-Dichlorobenzene
Concen: 43.126 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX039390.D
Acq: 20 Dec 2023 10:31

Tgt Ion:146 Resp: 76992
Ion Ratio Lower Upper
146 100
111 43.4 29.7 55.1
148 64.0 45.8 85.2

