

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120923\
 Data File : VX039115.D
 Acq On : 08 Dec 2023 19:13
 Operator : JC/MD
 Sample : 05646-29 40X
 Misc : 2.02g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C0AY5

Quant Time: Dec 09 03:42:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 09 03:39:44 2023
 Response via : Initial Calibration

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

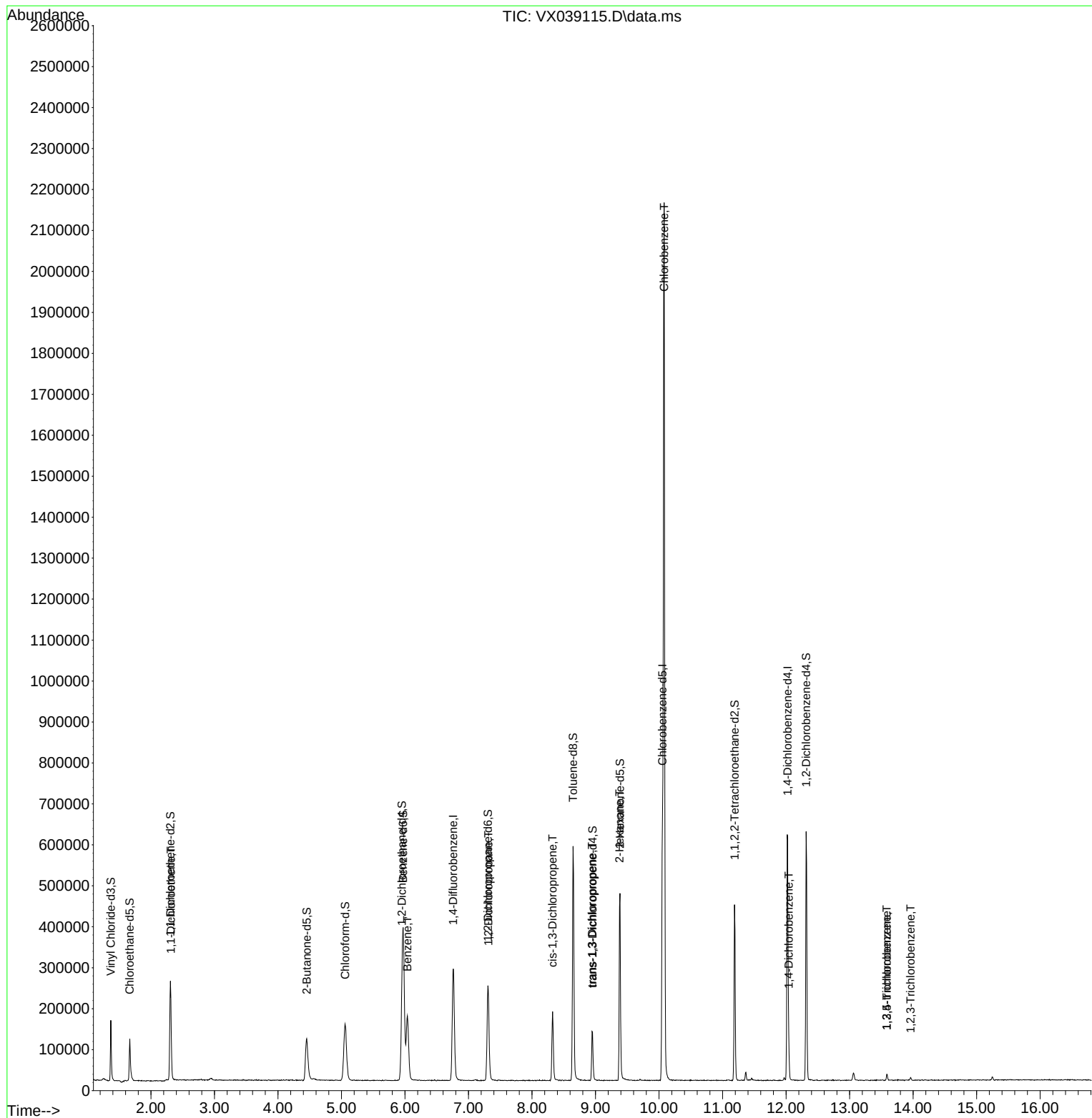
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	277425	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	254945	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	118783	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	95110	43.709	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	87.420%		
7) Chloroethane-d5	1.666	69	73553	45.732	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	91.460%		
11) 1,1-Dichloroethene-d2	2.306	65	44312	46.392	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.780%		
21) 2-Butanone-d5	4.452	46	180334	91.555	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	91.550%		
24) Chloroform-d	5.056	84	172435	44.765	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.540%		
26) 1,2-Dichloroethane-d4	5.952	65	115382	46.252	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.500%		
32) Benzene-d6	5.970	84	376536	47.856	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.720%		
36) 1,2-Dichloropropane-d6	7.305	67	122635	48.432	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.860%		
41) Toluene-d8	8.647	98	336370	47.175	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.340%		
43) trans-1,3-Dichloroprop...	8.952	79	57091	44.306	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.620%		
47) 2-Hexanone-d5	9.384	63	135070	89.311	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	89.310%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	167750	46.700	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.400%		
66) 1,2-Dichlorobenzene-d4	12.317	152	113578	50.587	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.180%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.312	96	1024	0.573	ug/L #	1
33) Benzene	6.037	78	193660	23.903	ug/L	100
37) 1,2-Dichloropropane	7.312	63	13163	5.858	ug/L #	89
39) cis-1,3-Dichloropropene	8.324	75	3784	1.056	ug/L #	61
44) trans-1,3-Dichloropropene	8.945	75	2836	0.853	ug/L	91
48) 2-Hexanone	9.378	43	15317	4.860	ug/L #	68
51) Chlorobenzene	10.079	112	901904	169.949	ug/L	97
65) 1,4-Dichlorobenzene	12.042	146	26256	6.975	ug/L	99
69) 1,3,5-Trichlorobenzene	13.585	180	3697	1.505	ug/L	95
70) 1,2,4-trichlorobenzene	13.585	180	3697	1.596	ug/L	93
72) 1,2,3-Trichlorobenzene	13.963	180	1793	0.800	ug/L	98

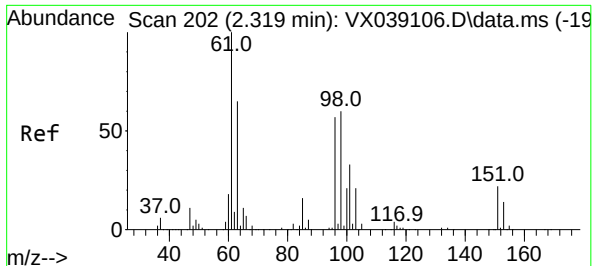
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Dec 09 03:39:44 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.573 ug/L

RT: 2.312 min Scan# 202

Delta R.T. -0.006 min

Lab File: VX039115.D

Acq: 08 Dec 2023 19:13

Instrument :

MSVOA_X

ClientSampleId :

C0AY5

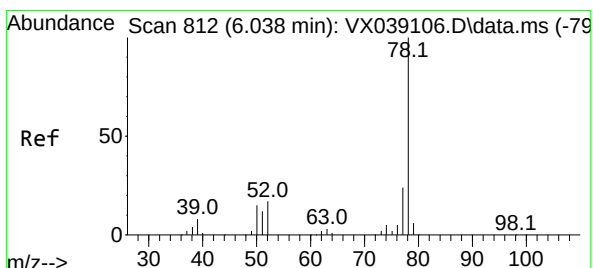
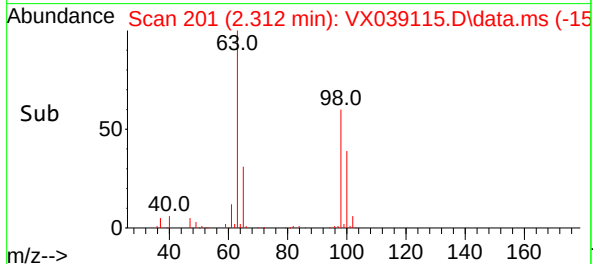
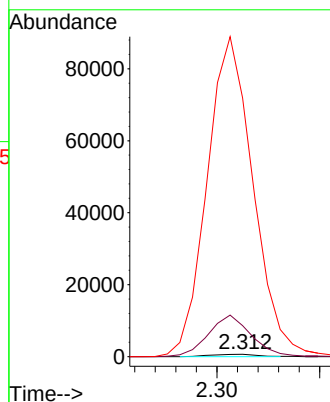
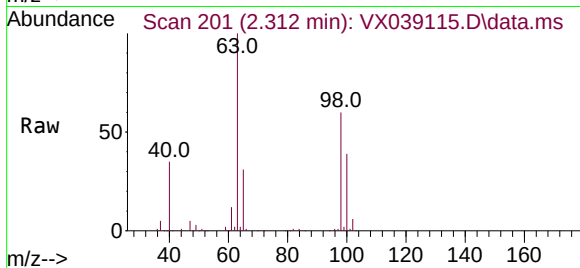
Tgt Ion: 96 Resp: 1024

Ion Ratio Lower Upper

96 100

61 1306.5 128.0 237.6#

63 10859.2 101.5 188.5#



#33

Benzene

Concen: 23.903 ug/L

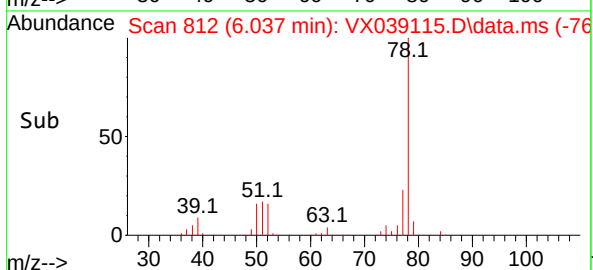
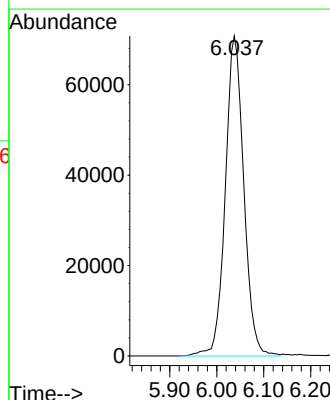
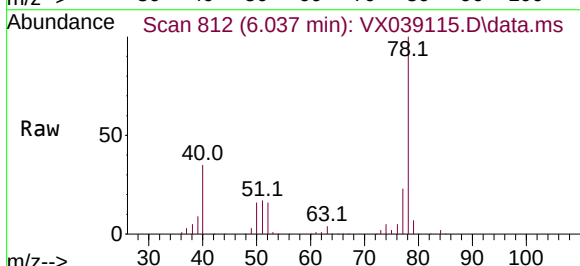
RT: 6.037 min Scan# 812

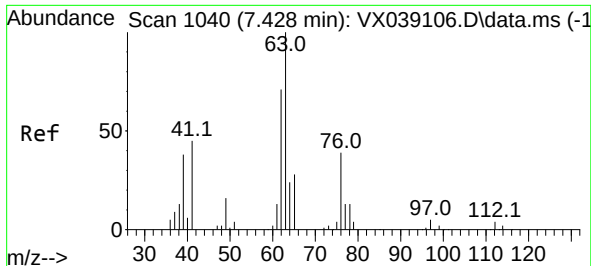
Delta R.T. -0.000 min

Lab File: VX039115.D

Acq: 08 Dec 2023 19:13

Tgt Ion: 78 Resp: 193660





#37

1,2-Dichloropropane

Concen: 5.858 ug/L

RT: 7.312 min Scan# 1187

Delta R.T. -0.116 min

Lab File: VX039115.D

Acq: 08 Dec 2023 19:13

Instrument :

MSVOA_X

ClientSampleId :

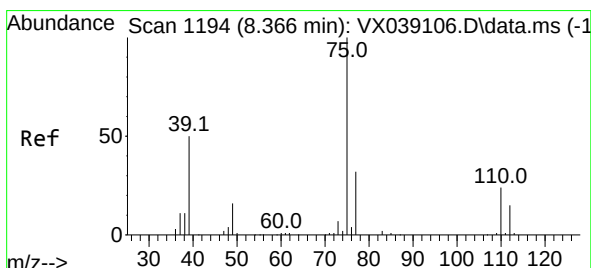
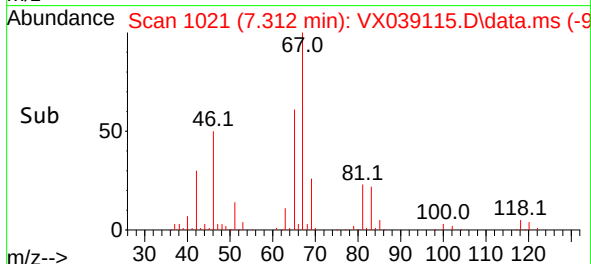
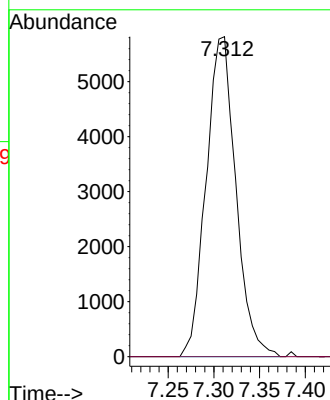
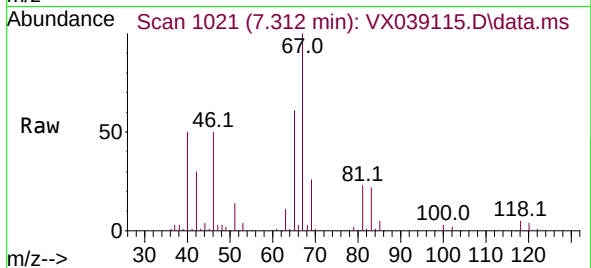
C0AY5

Tgt Ion: 63 Resp: 13163

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#



#39

cis-1,3-Dichloropropene

Concen: 1.056 ug/L

RT: 8.324 min Scan# 1187

Delta R.T. -0.043 min

Lab File: VX039115.D

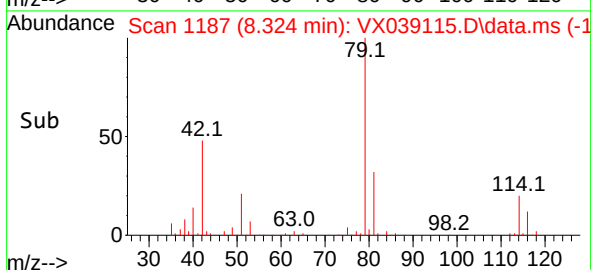
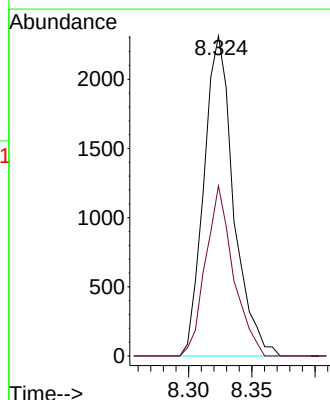
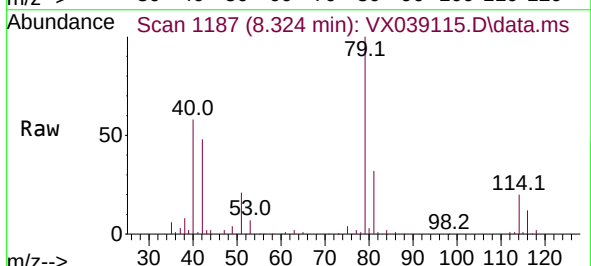
Acq: 08 Dec 2023 19:13

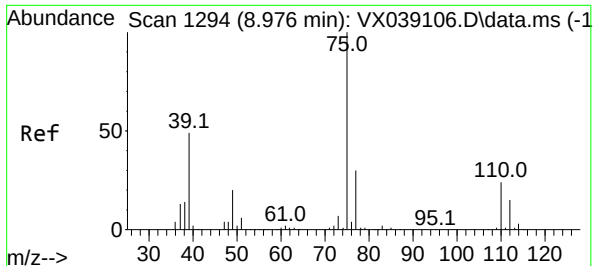
Tgt Ion: 75 Resp: 3784

Ion Ratio Lower Upper

75 100

77 53.2 22.0 40.8#





#44

trans-1,3-Dichloropropene

Concen: 0.853 ug/L

RT: 8.945 min Scan# 11

Delta R.T. -0.031 min

Lab File: VX039115.D

Acq: 08 Dec 2023 19:13

Instrument :

MSVOA_X

ClientSampleId :

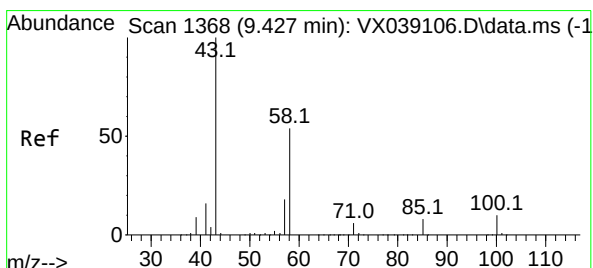
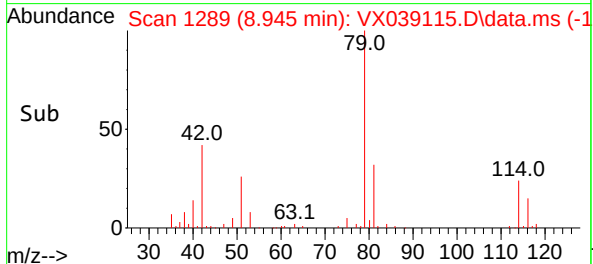
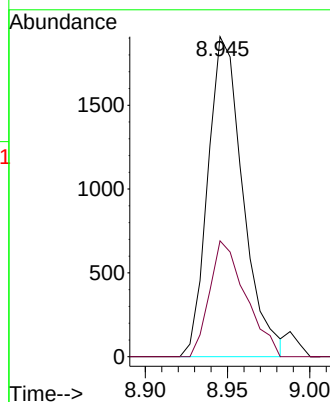
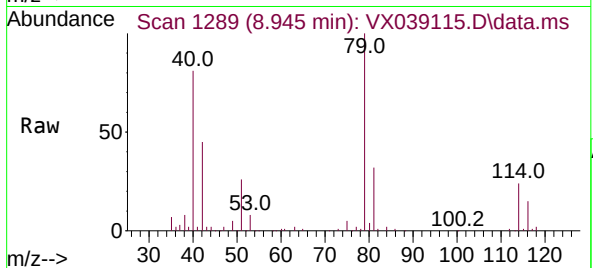
C0AY5

Tgt Ion: 75 Resp: 2836

Ion Ratio Lower Upper

75 100

77 36.2 22.0 40.8



#48

2-Hexanone

Concen: 4.860 ug/L

RT: 9.378 min Scan# 1360

Delta R.T. -0.049 min

Lab File: VX039115.D

Acq: 08 Dec 2023 19:13

Tgt Ion: 43 Resp: 15317

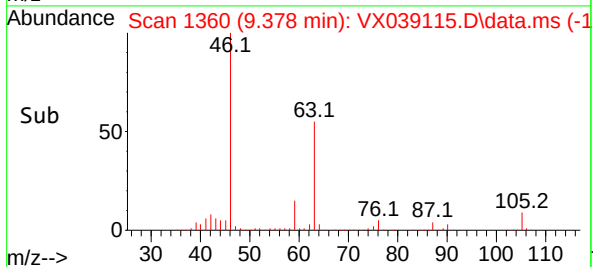
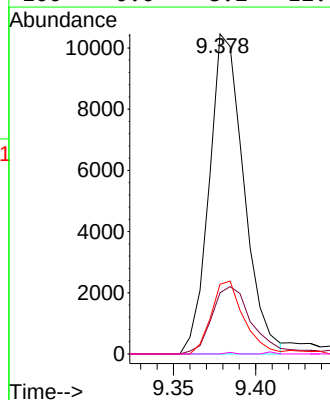
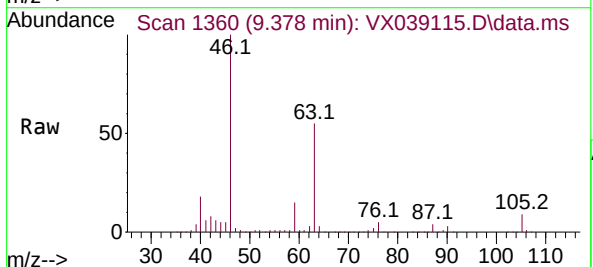
Ion Ratio Lower Upper

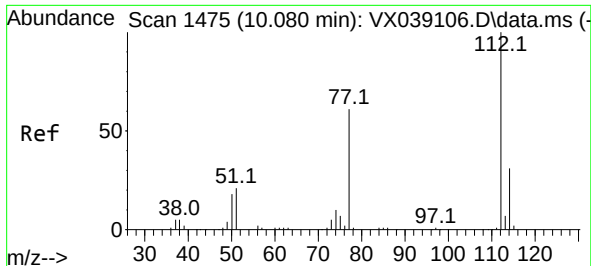
43 100

58 24.8 43.0 64.6#

57 21.4 14.6 21.8

100 0.0 8.2 12.4#

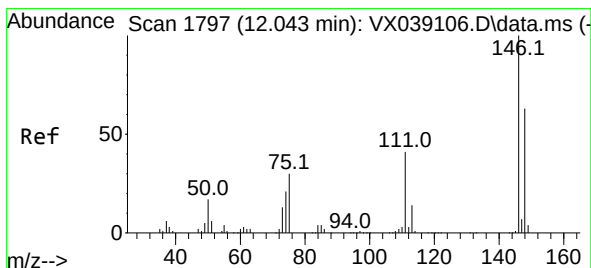
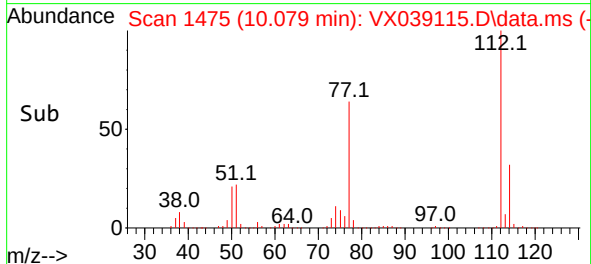
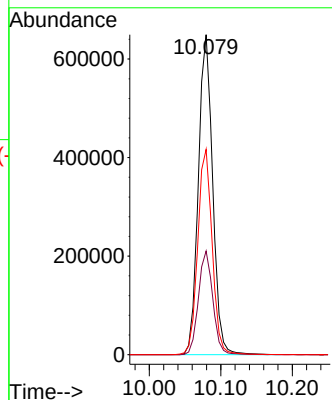
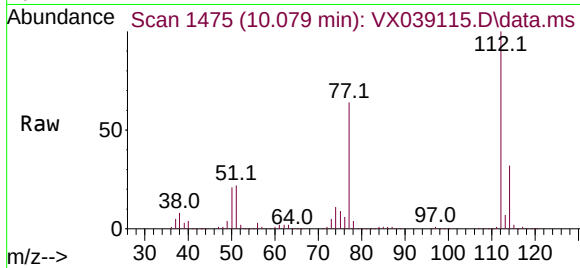




#51
Chlorobenzene
Concen: 169.949 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX039115.D
Acq: 08 Dec 2023 19:13

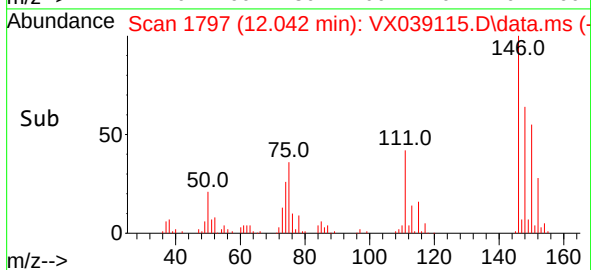
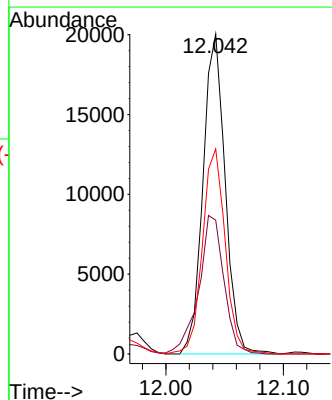
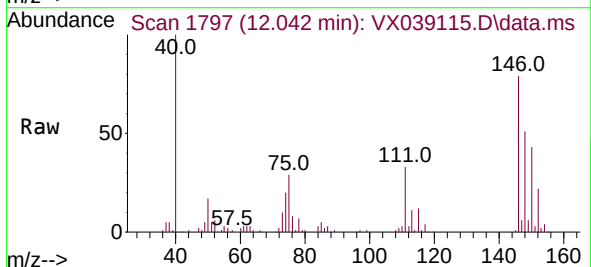
Instrument :
MSVOA_X
ClientSampleId :
C0AY5

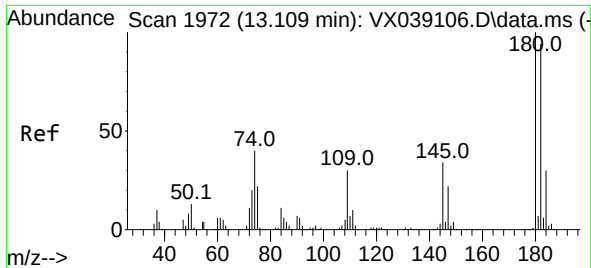
Tgt Ion:112 Resp: 901904
Ion Ratio Lower Upper
112 100
114 32.4 21.8 40.4
77 64.1 49.0 73.6



#65
1,4-Dichlorobenzene
Concen: 6.975 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX039115.D
Acq: 08 Dec 2023 19:13

Tgt Ion:146 Resp: 26256
Ion Ratio Lower Upper
146 100
111 41.8 29.7 55.1
148 64.1 45.8 85.2



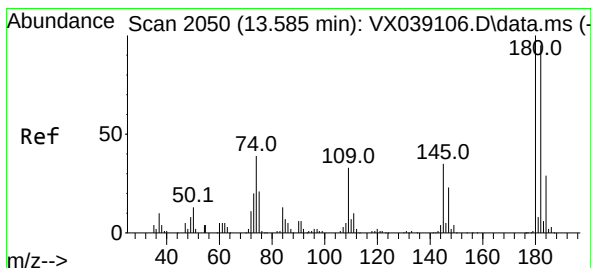
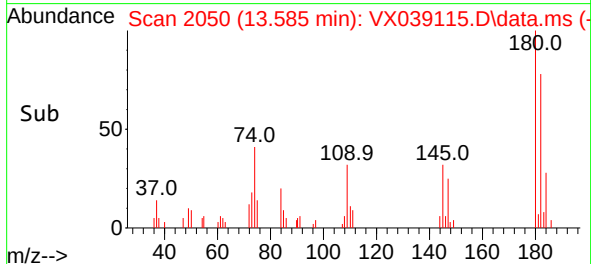
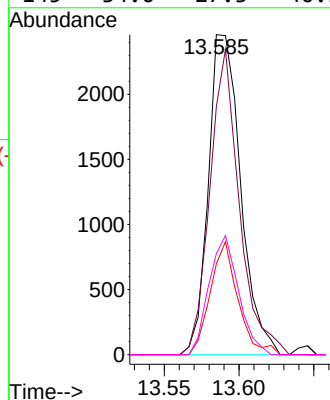
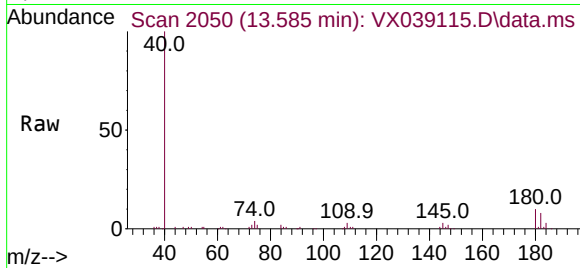


#69
 1,3,5-Trichlorobenzene
 Concen: 1.505 ug/L
 RT: 13.585 min Scan# 2050
 Delta R.T. 0.475 min
 Lab File: VX039115.D
 Acq: 08 Dec 2023 19:13

Instrument :
 MSVOA_X
 ClientSampleId :
 C0AY5

Tgt Ion:180 Resp: 3697

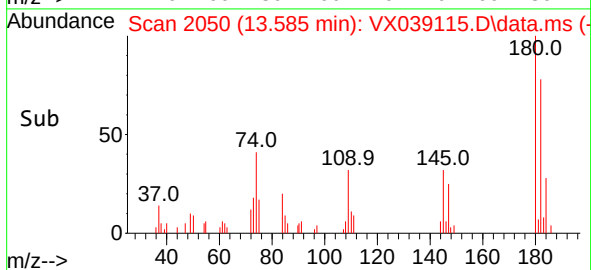
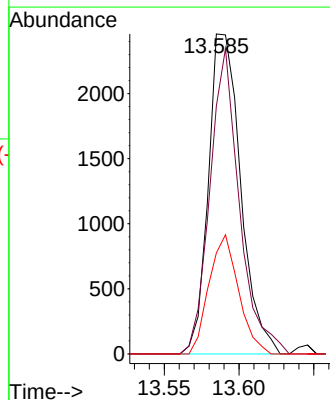
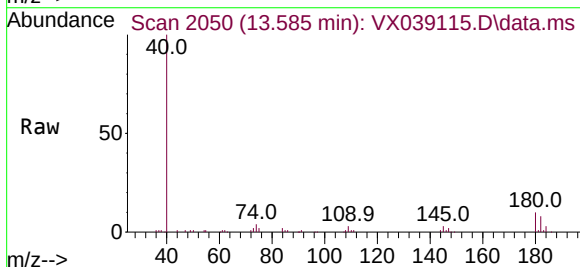
Ion	Ratio	Lower	Upper
180	100		
182	87.1	76.1	114.1
184	29.5	24.1	36.1
145	34.0	27.3	40.9

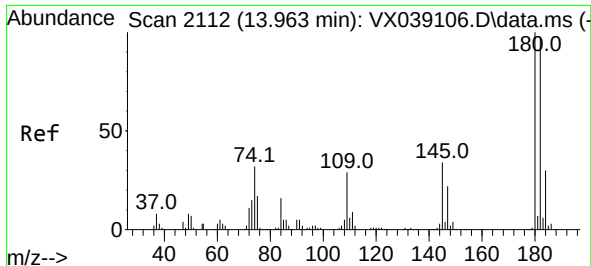


#70
 1,2,4-trichlorobenzene
 Concen: 1.596 ug/L
 RT: 13.585 min Scan# 2050
 Delta R.T. -0.000 min
 Lab File: VX039115.D
 Acq: 08 Dec 2023 19:13

Tgt Ion:180 Resp: 3697

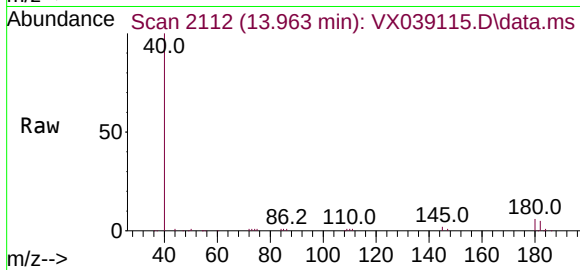
Ion	Ratio	Lower	Upper
180	100		
182	87.1	76.8	115.2
145	34.0	27.8	41.6





#72
 1,2,3-Trichlorobenzene
 Concen: 0.800 ug/L
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX039115.D
 Acq: 08 Dec 2023 19:13

Instrument :
 MSVOA_X
 ClientSampleId :
 C0AY5



Tgt Ion:180 Resp: 1793
 Ion Ratio Lower Upper
 180 100
 182 92.2 75.9 113.9
 145 34.9 28.6 42.8

