

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120923\
 Data File : VX039123.D
 Acq On : 08 Dec 2023 22:16
 Operator : JC/MD
 Sample : 05646-19 40X
 Misc : 2.18g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C0AS6

Quant Time: Dec 09 03:45:06 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)

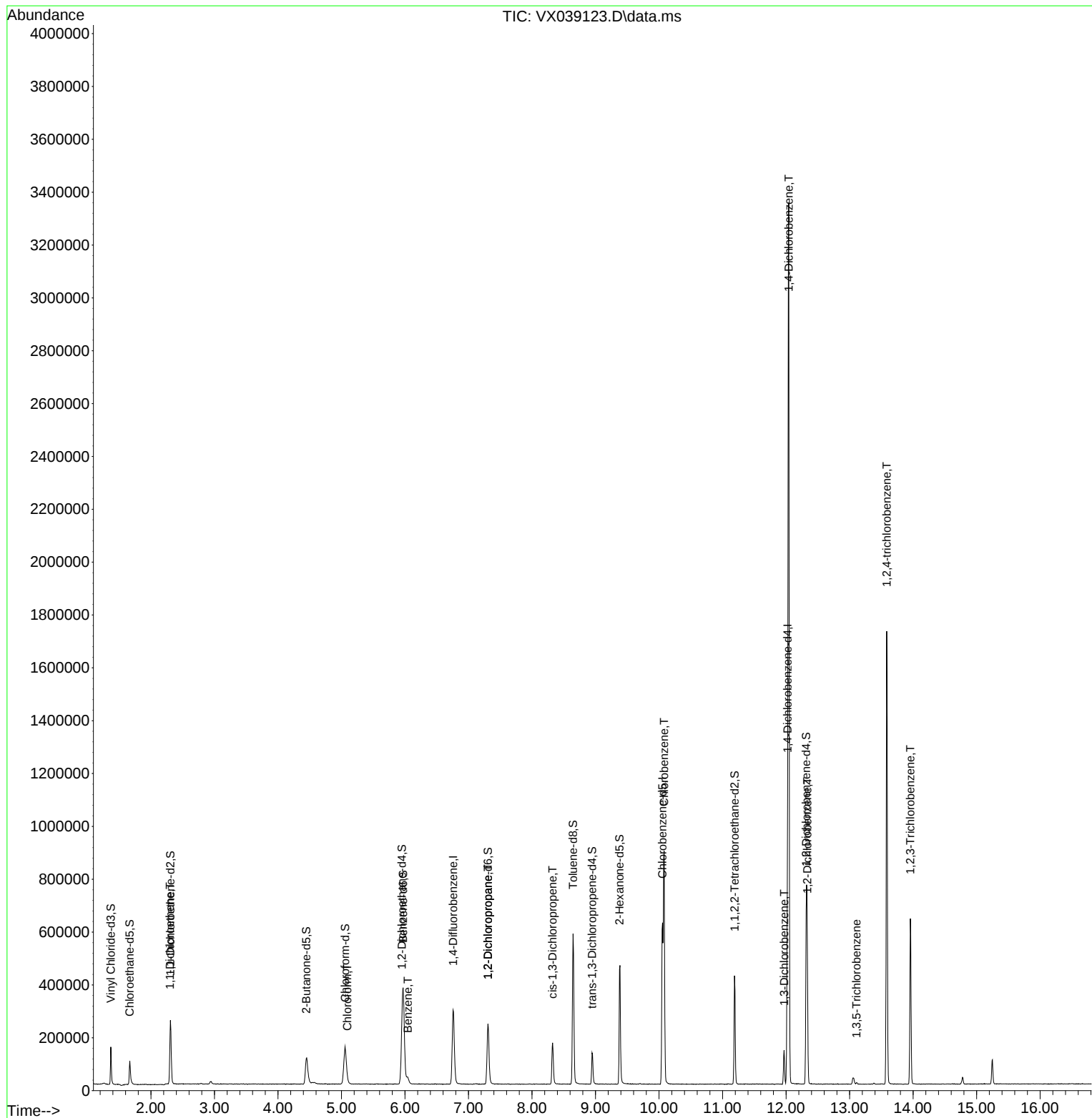
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	281218	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	259360	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	121128	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	90272	40.926	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	81.860%		
7) Chloroethane-d5	1.666	69	68596	42.074	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	84.140%		
11) 1,1-Dichloroethene-d2	2.306	65	42607	44.005	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.020%		
21) 2-Butanone-d5	4.446	46	177921	89.111	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	89.110%		
24) Chloroform-d	5.056	84	167487	42.894	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.780%		
26) 1,2-Dichloroethane-d4	5.952	65	113638	44.938	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.880%		
32) Benzene-d6	5.970	84	370508	46.288	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.580%		
36) 1,2-Dichloropropane-d6	7.305	67	119602	46.430	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	92.860%		
41) Toluene-d8	8.647	98	332943	45.899	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.800%		
43) trans-1,3-Dichloroprop...	8.945	79	55724	42.509	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.020%		
47) 2-Hexanone-d5	9.378	63	131499	85.470	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	85.470%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	160944	44.043	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	88.080%		
66) 1,2-Dichlorobenzene-d4	12.317	152	109633	47.884	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.760%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.300	96	979	0.540	ug/L #	1
25) Chloroform	5.092	83	5366	1.425	ug/L	95
33) Benzene	6.043	78	29466	3.575	ug/L	100
37) 1,2-Dichloropropane	7.305	63	12733	5.570	ug/L #	89
39) cis-1,3-Dichloropropene	8.323	75	3742	1.026	ug/L #	78
51) Chlorobenzene	10.079	112	366772	67.936	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	37551	9.912	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	965174	251.420	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	141171	38.956	ug/L	99
69) 1,3,5-Trichlorobenzene	13.109	180	1476	0.589	ug/L	95
70) 1,2,4-trichlorobenzene	13.585	180	343230	145.323	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	132399	57.895	ug/L	99

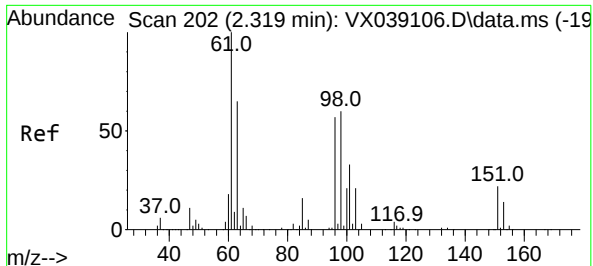
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 0.540 ug/L

RT: 2.300 min Scan# 199

Delta R.T. -0.019 min

Lab File: VX039123.D

Acq: 08 Dec 2023 22:16

Instrument :

MSVOA_X

ClientSampleId :

C0AS6

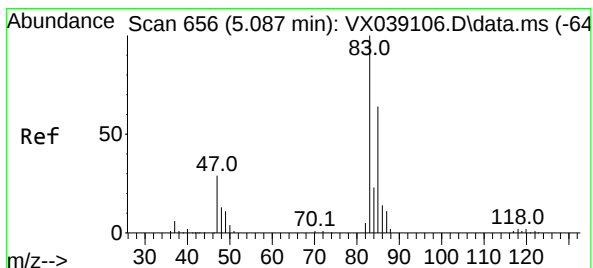
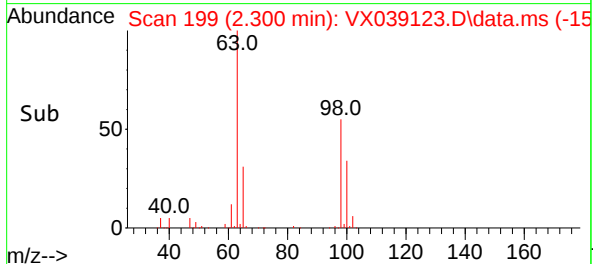
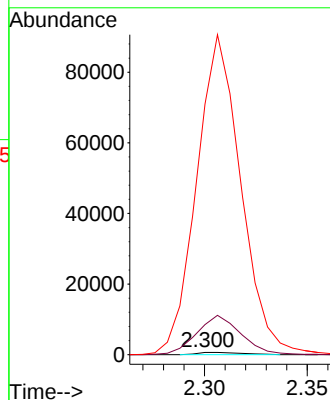
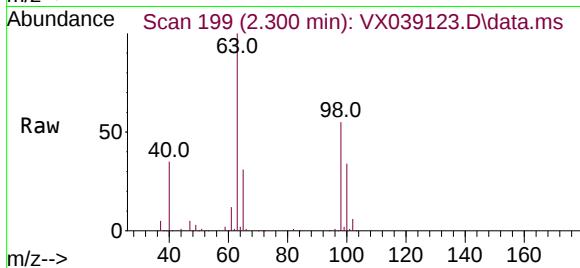
Tgt Ion: 96 Resp: 979

Ion Ratio Lower Upper

96 100

61 1300.3 128.0 237.6#

63 10819.5 101.5 188.5#



#25

Chloroform

Concen: 1.425 ug/L

RT: 5.092 min Scan# 657

Delta R.T. 0.006 min

Lab File: VX039123.D

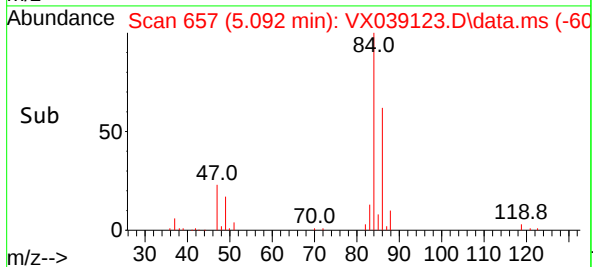
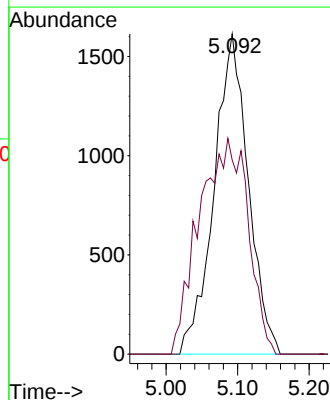
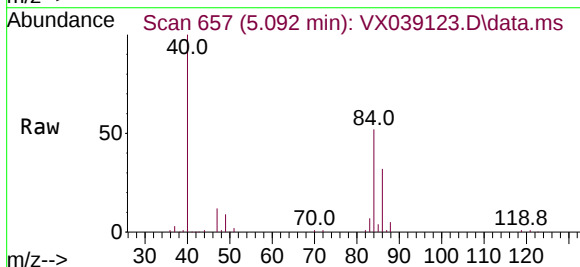
Acq: 08 Dec 2023 22:16

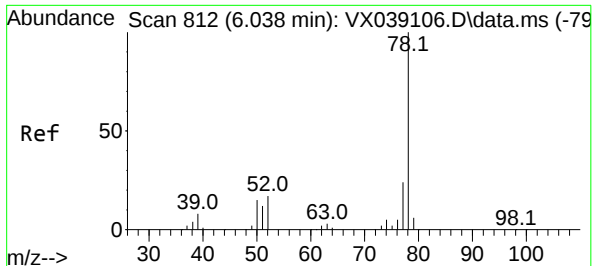
Tgt Ion: 83 Resp: 5366

Ion Ratio Lower Upper

83 100

85 60.6 45.1 83.7

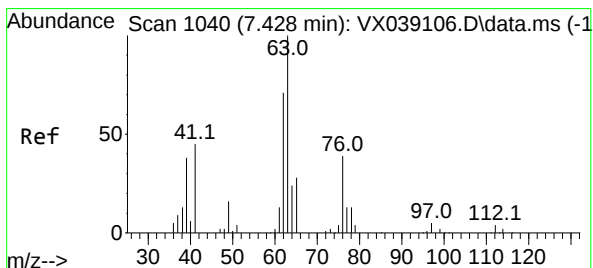
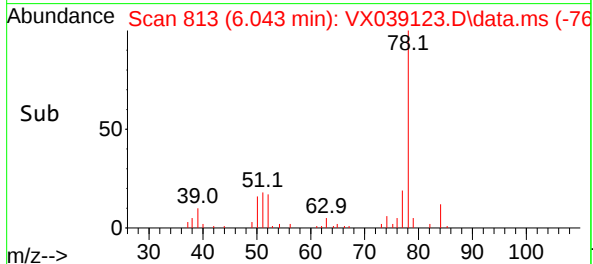
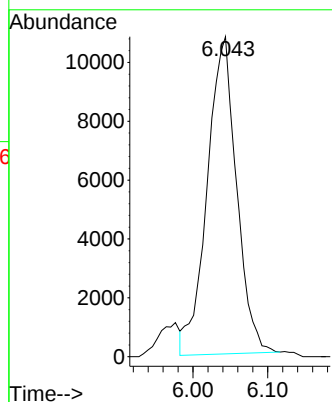
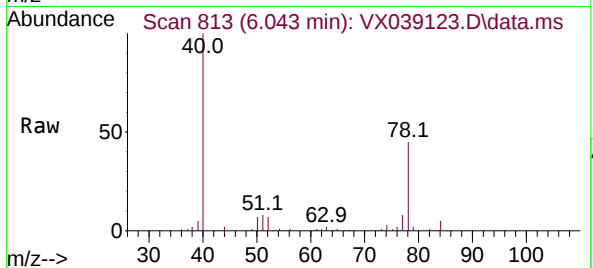




#33
Benzene
Concen: 3.575 ug/L
RT: 6.043 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX039123.D
Acq: 08 Dec 2023 22:16

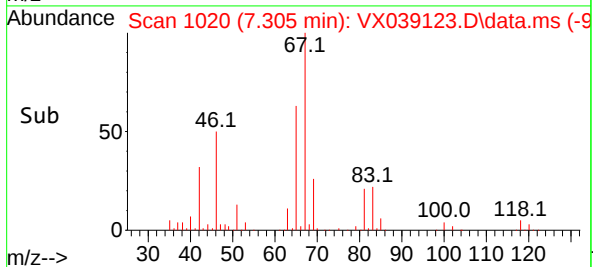
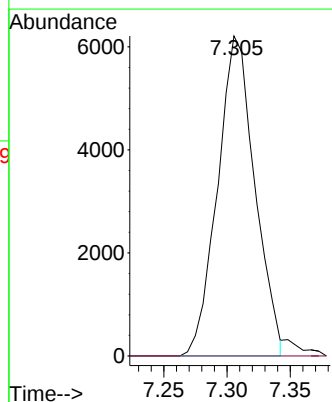
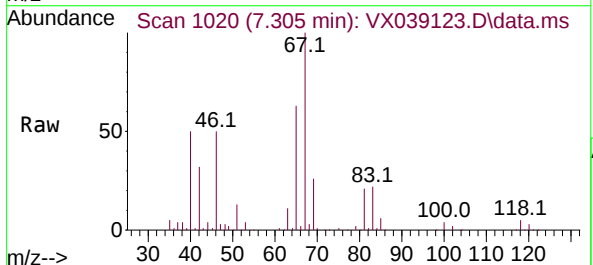
Instrument :
MSVOA_X
ClientSampleId :
C0AS6

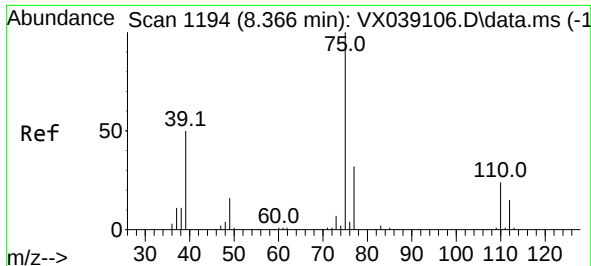
Tgt Ion: 78 Resp: 29466



#37
1,2-Dichloropropane
Concen: 5.570 ug/L
RT: 7.305 min Scan# 1020
Delta R.T. -0.122 min
Lab File: VX039123.D
Acq: 08 Dec 2023 22:16

Tgt Ion: 63 Resp: 12733
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#





#39

cis-1,3-Dichloropropene

Concen: 1.026 ug/L

RT: 8.323 min Scan# 1187

Delta R.T. -0.043 min

Lab File: VX039123.D

Acq: 08 Dec 2023 22:16

Instrument :

MSVOA_X

ClientSampleId :

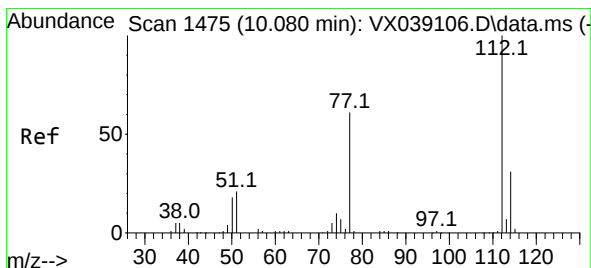
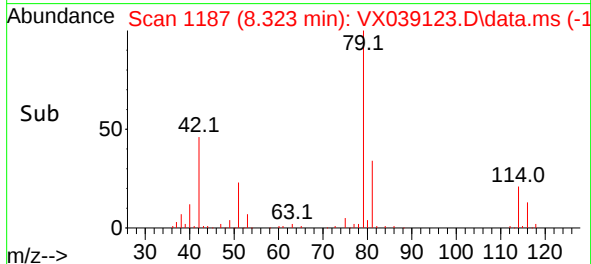
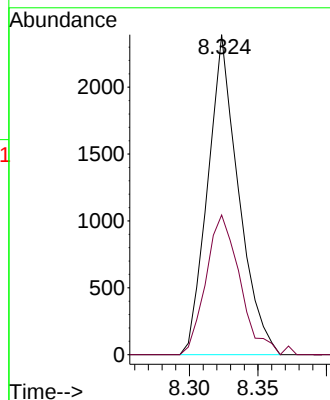
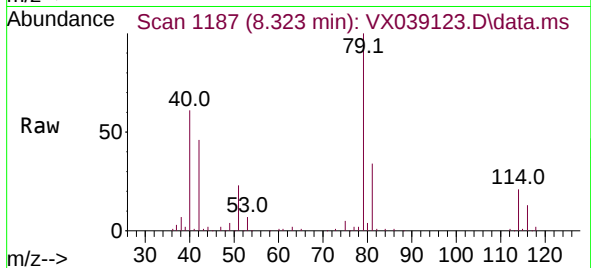
C0AS6

Tgt Ion: 75 Resp: 3742

Ion Ratio Lower Upper

75 100

77 43.6 22.0 40.8#



#51

Chlorobenzene

Concen: 67.936 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX039123.D

Acq: 08 Dec 2023 22:16

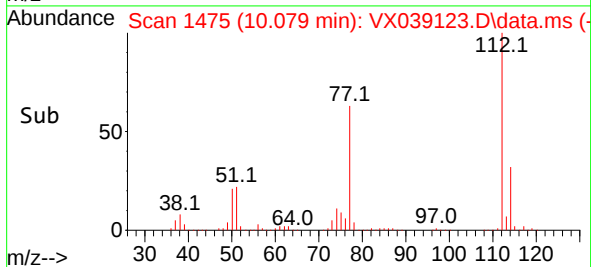
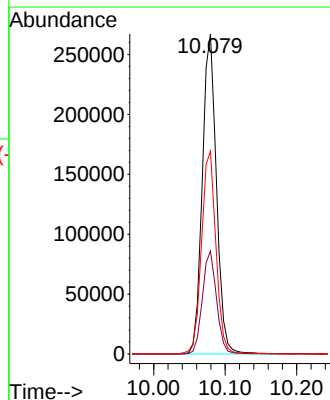
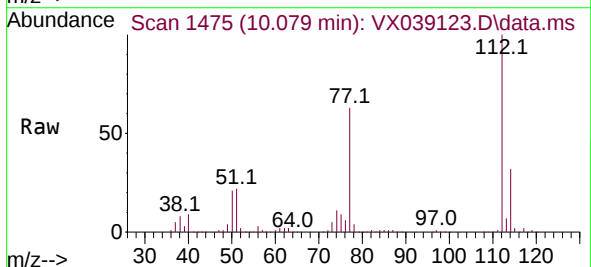
Tgt Ion: 112 Resp: 366772

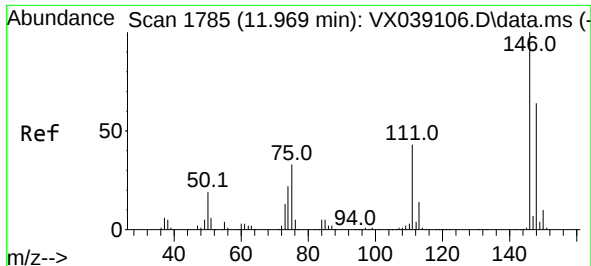
Ion Ratio Lower Upper

112 100

114 32.2 21.8 40.4

77 63.4 49.0 73.6

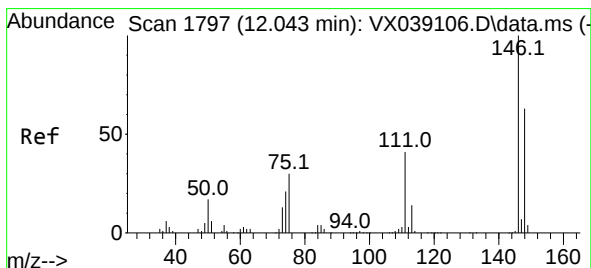
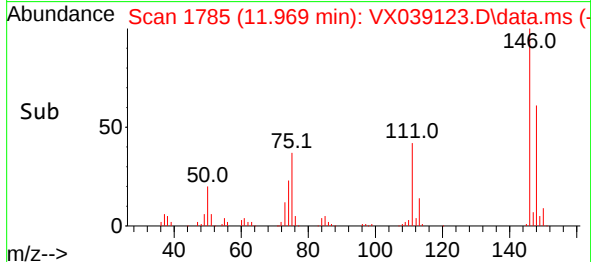
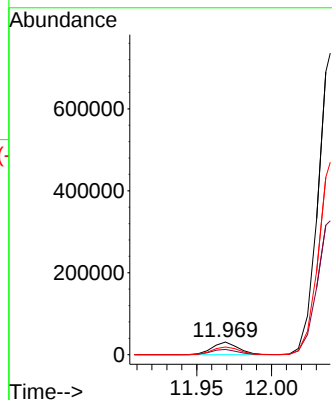
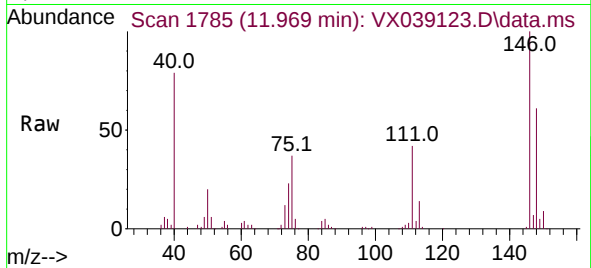




#64
1,3-Dichlorobenzene
Concen: 9.912 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX039123.D
Acq: 08 Dec 2023 22:16

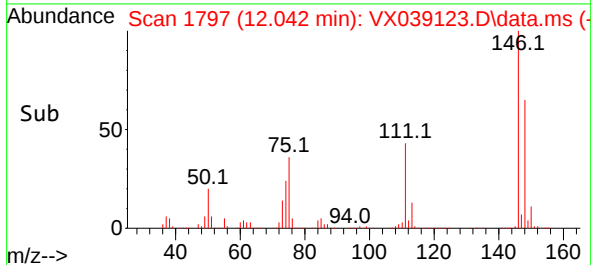
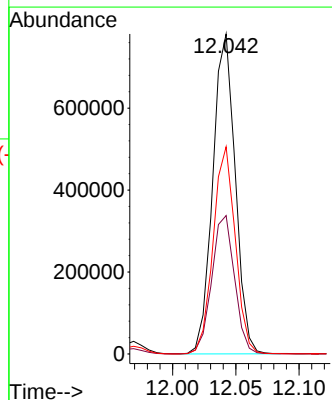
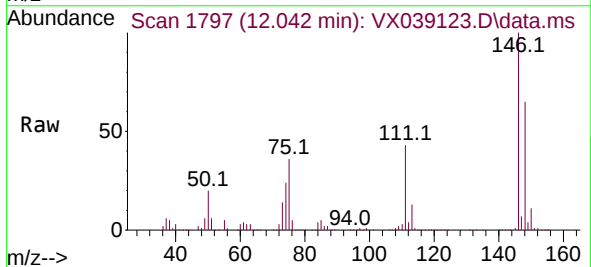
Instrument :
MSVOA_X
ClientSampleId :
C0AS6

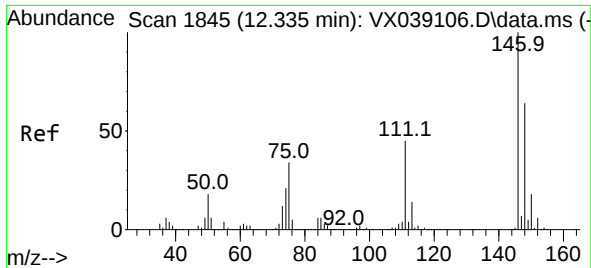
Tgt Ion:146 Resp: 37551
Ion Ratio Lower Upper
146 100
111 42.4 30.0 55.6
148 60.7 44.2 82.0



#65
1,4-Dichlorobenzene
Concen: 251.420 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX039123.D
Acq: 08 Dec 2023 22:16

Tgt Ion:146 Resp: 965174
Ion Ratio Lower Upper
146 100
111 43.2 29.7 55.1
148 64.8 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 38.956 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX039123.D

Acq: 08 Dec 2023 22:16

Instrument :

MSVOA_X

ClientSampleId :

C0AS6

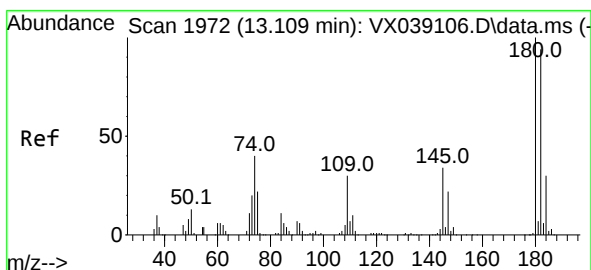
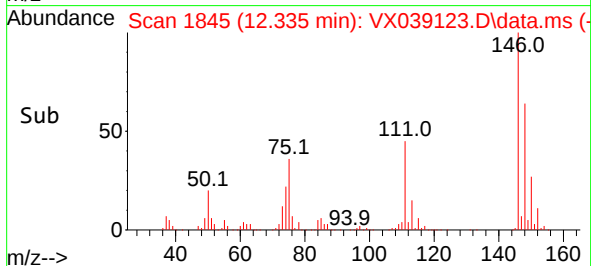
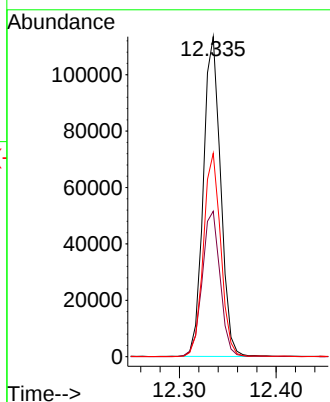
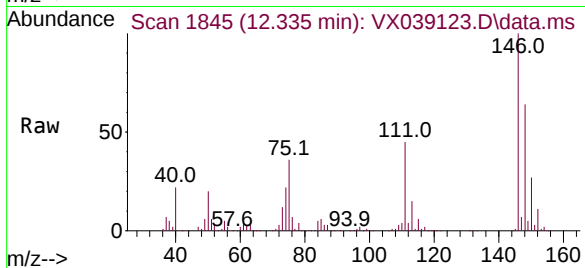
Tgt Ion:146 Resp: 141171

Ion Ratio Lower Upper

146 100

111 45.5 36.4 54.6

148 63.5 50.0 75.0



#69

1,3,5-Trichlorobenzene

Concen: 0.589 ug/L

RT: 13.109 min Scan# 1972

Delta R.T. -0.000 min

Lab File: VX039123.D

Acq: 08 Dec 2023 22:16

Tgt Ion:180 Resp: 1476

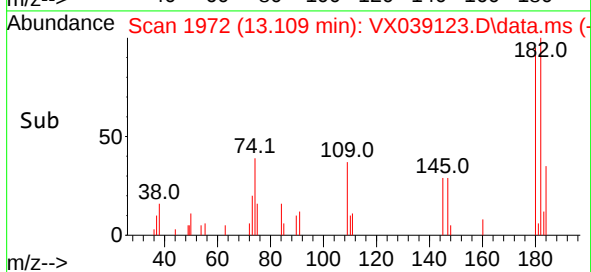
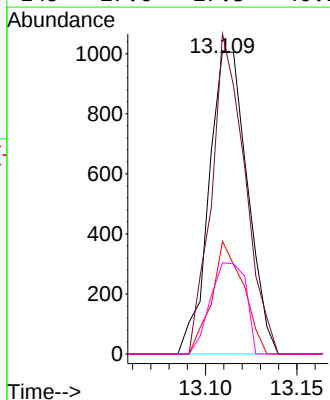
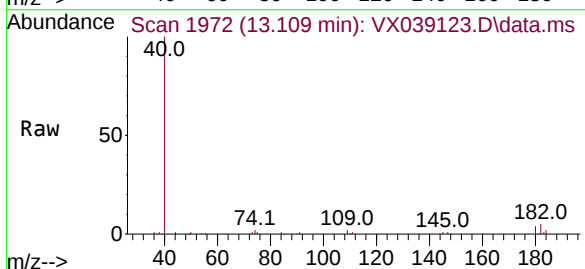
Ion Ratio Lower Upper

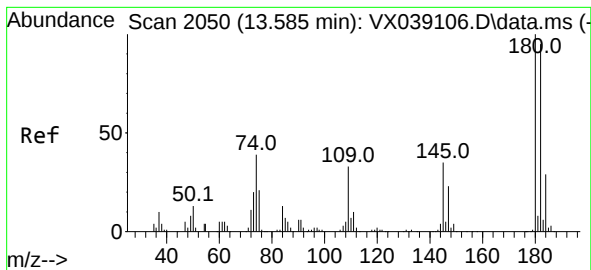
180 100

182 91.9 76.1 114.1

184 30.6 24.1 36.1

145 27.6 27.3 40.9

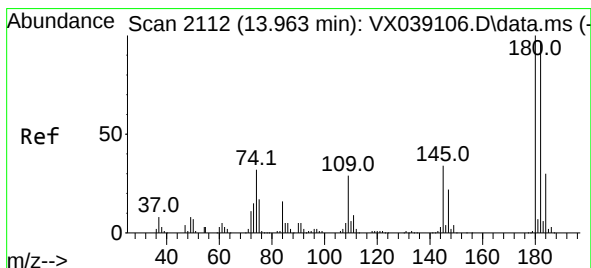
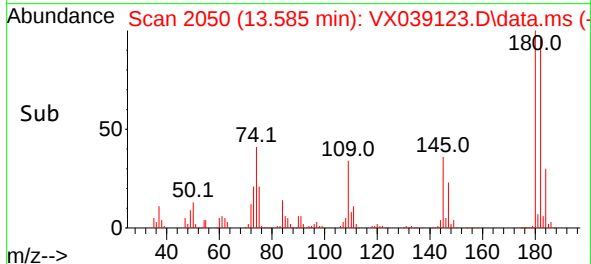
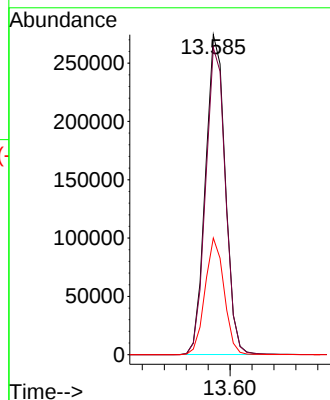
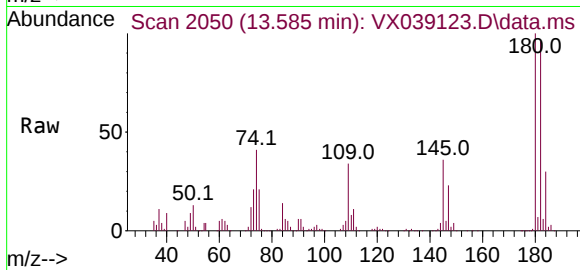




#70
1,2,4-trichlorobenzene
Concen: 145.323 ug/L
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX039123.D
Acq: 08 Dec 2023 22:16

Instrument :
MSVOA_X
ClientSampleId :
C0AS6

Tgt Ion:180 Resp: 343230
Ion Ratio Lower Upper
180 100
182 96.1 76.8 115.2
145 35.1 27.8 41.6



#72
1,2,3-Trichlorobenzene
Concen: 57.895 ug/L
RT: 13.957 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VX039123.D
Acq: 08 Dec 2023 22:16

Tgt Ion:180 Resp: 132399
Ion Ratio Lower Upper
180 100
182 94.4 75.9 113.9
145 35.2 28.6 42.8

