

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121123\
 Data File : VX039134.D
 Acq On : 11 Dec 2023 11:33
 Operator : JC/MD
 Sample : 05646-11RE 40X
 Misc : 3.70g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C0AY7

Quant Time: Dec 12 03:52:30 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)

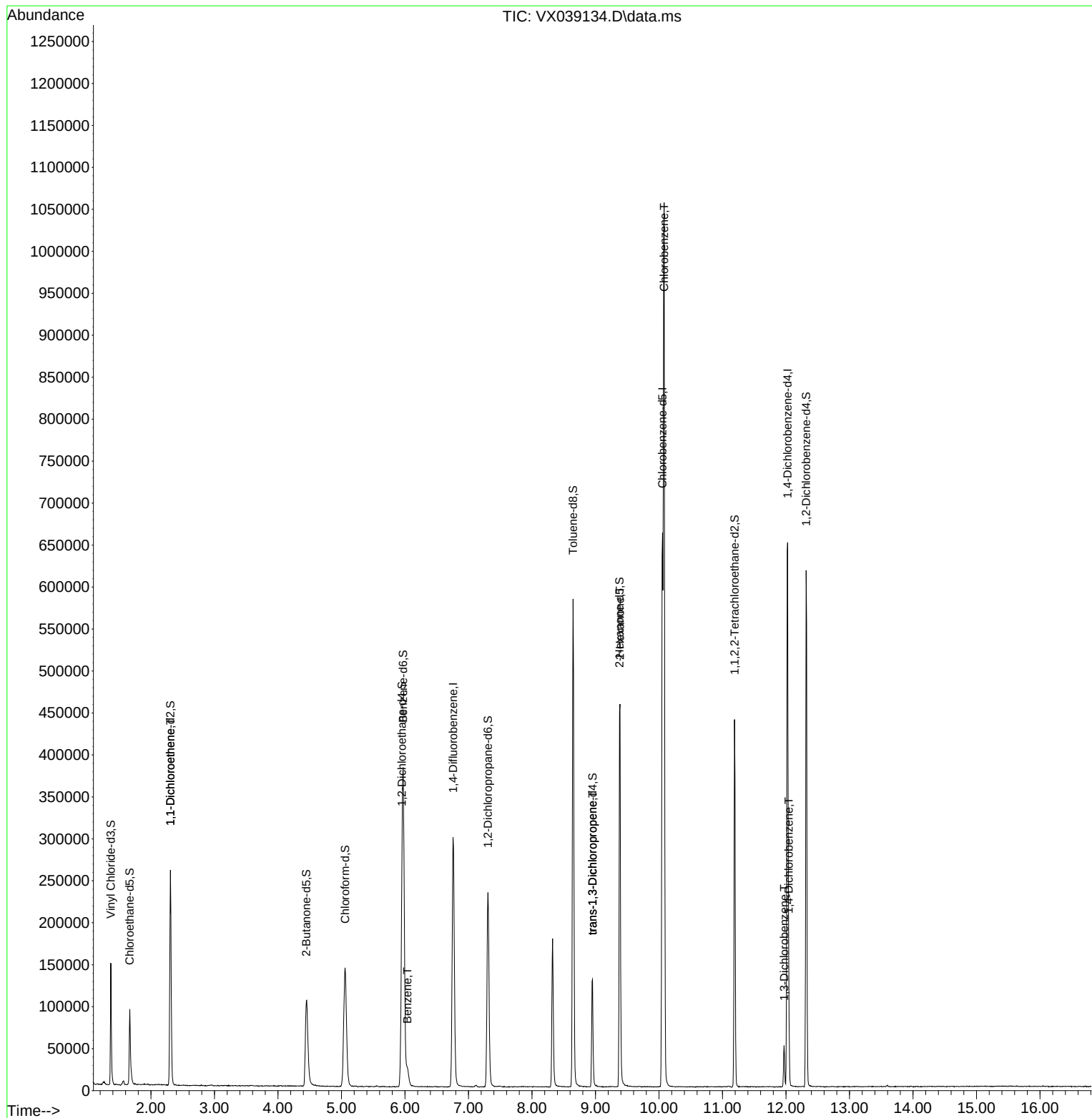
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	295768	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	267288	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	127763	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	90381	38.960	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.920%
7) Chloroethane-d5	1.666	69	68485	39.940	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.880%
11) 1,1-Dichloroethene-d2	2.307	65	44953	44.144	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.280%
21) 2-Butanone-d5	4.446	46	185108	88.150	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.150%
24) Chloroform-d	5.056	84	177122	43.130	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.260%
26) 1,2-Dichloroethane-d4	5.952	65	122055	45.892	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.780%
32) Benzene-d6	5.971	84	377781	45.797	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.600%
36) 1,2-Dichloropropane-d6	7.306	67	122088	45.989	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.980%
41) Toluene-d8	8.647	98	335796	44.919	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.840%
43) trans-1,3-Dichloroprop...	8.952	79	60161	44.533	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.060%
47) 2-Hexanone-d5	9.379	63	136920	86.354	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.350%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	171288	45.483	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.960%
66) 1,2-Dichlorobenzene-d4	12.317	152	113852	47.145	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.280%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.307	96	1111	0.583	ug/L #	1
33) Benzene	6.038	78	21939	2.583	ug/L	100
44) trans-1,3-Dichloropropene	8.952	75	2929	0.840	ug/L	86
48) 2-Hexanone	9.385	43	17157	5.192	ug/L #	67
51) Chlorobenzene	10.080	112	442094	79.458	ug/L	98
64) 1,3-Dichlorobenzene	11.970	146	13962	3.494	ug/L	97
65) 1,4-Dichlorobenzene	12.043	146	36134	8.924	ug/L	97

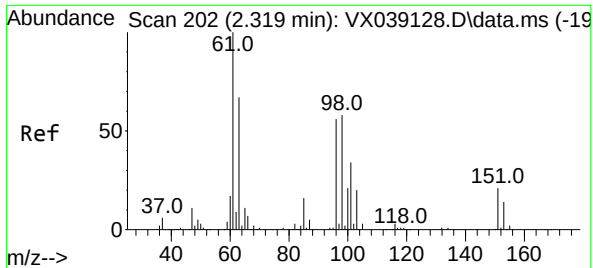
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Dec 12 03:50:51 2023
Response via : Initial Calibration

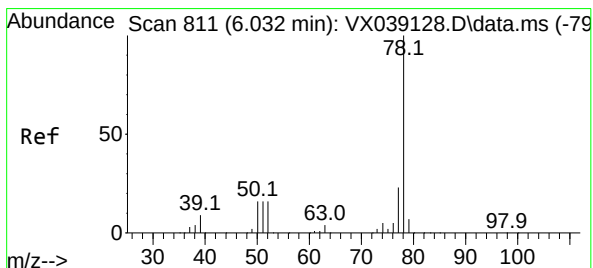
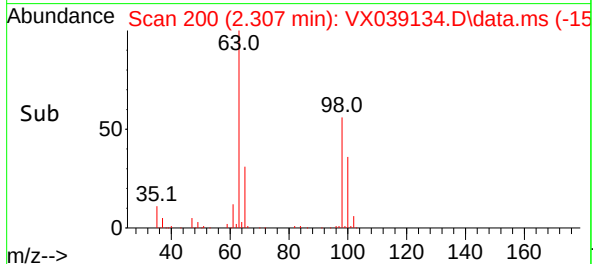
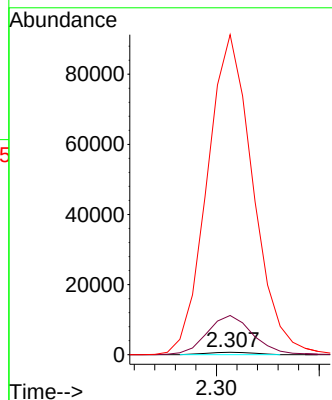
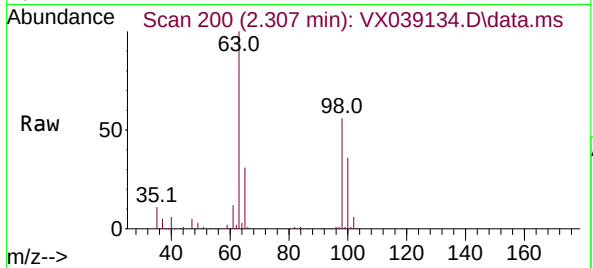




#12
1,1-Dichloroethene
Concen: 0.583 ug/L
RT: 2.307 min Scan# 202
Delta R.T. -0.012 min
Lab File: VX039134.D
Acq: 11 Dec 2023 11:33

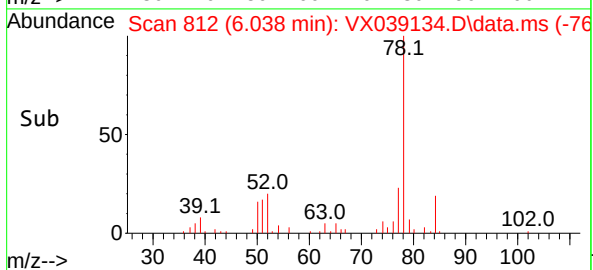
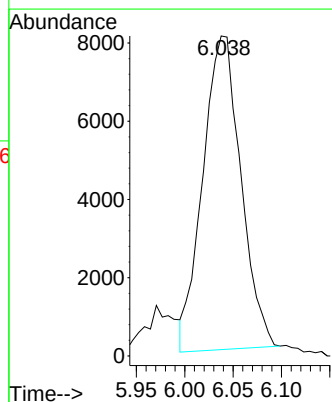
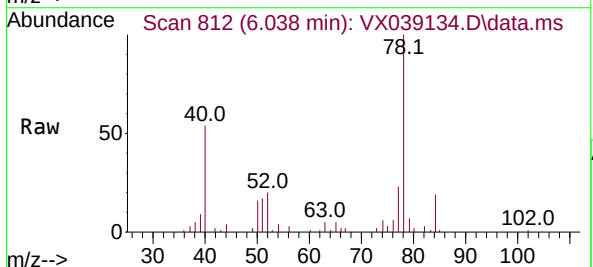
Instrument :
MSVOA_X
ClientSampleId :
C0AY7

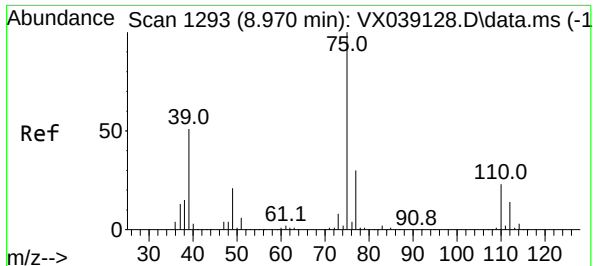
Tgt Ion: 96 Resp: 1111
Ion Ratio Lower Upper
96 100
61 1671.7 128.0 237.6#
63 13665.9 101.5 188.5#



#33
Benzene
Concen: 2.583 ug/L
RT: 6.038 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX039134.D
Acq: 11 Dec 2023 11:33

Tgt Ion: 78 Resp: 21939





#44

trans-1,3-Dichloropropene

Concen: 0.840 ug/L

RT: 8.952 min Scan# 11

Delta R.T. -0.018 min

Lab File: VX039134.D

Acq: 11 Dec 2023 11:33

Instrument :

MSVOA_X

ClientSampleId :

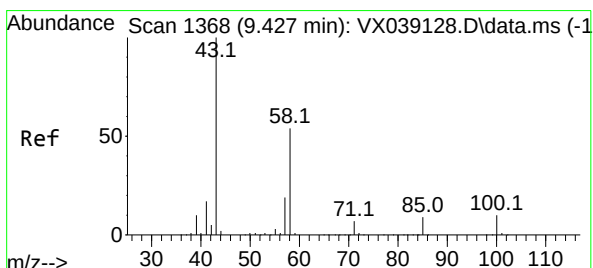
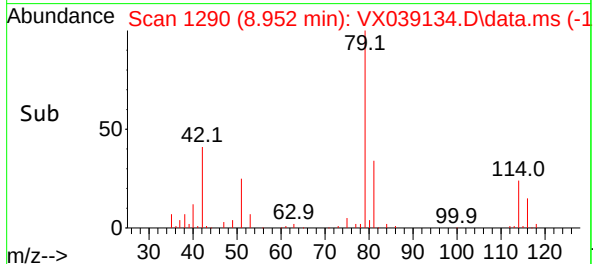
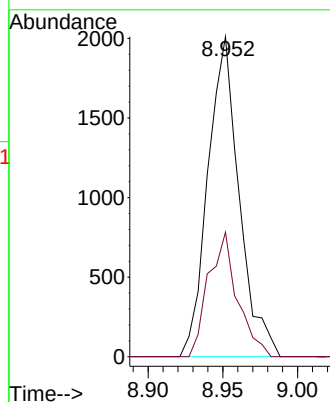
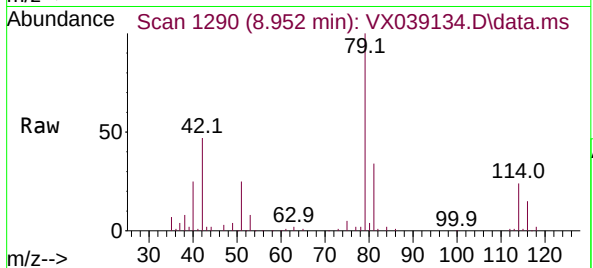
C0AY7

Tgt Ion: 75 Resp: 2929

Ion Ratio Lower Upper

75 100

77 38.9 22.0 40.8



#48

2-Hexanone

Concen: 5.192 ug/L

RT: 9.385 min Scan# 1361

Delta R.T. -0.043 min

Lab File: VX039134.D

Acq: 11 Dec 2023 11:33

Tgt Ion: 43 Resp: 17157

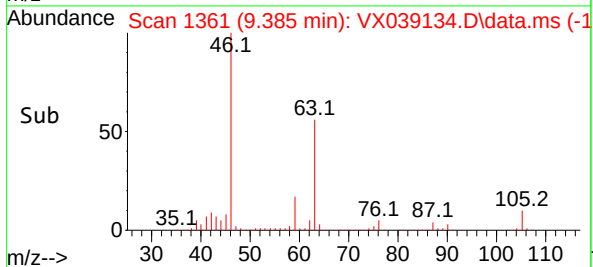
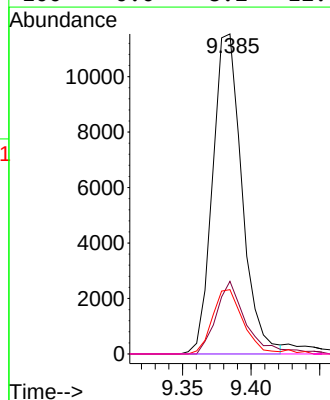
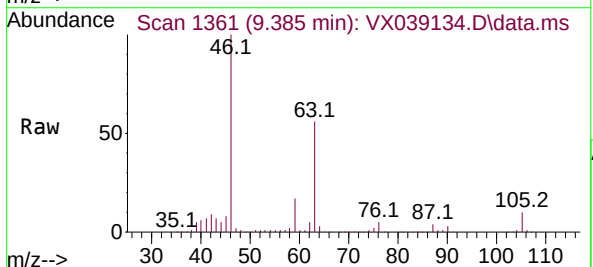
Ion Ratio Lower Upper

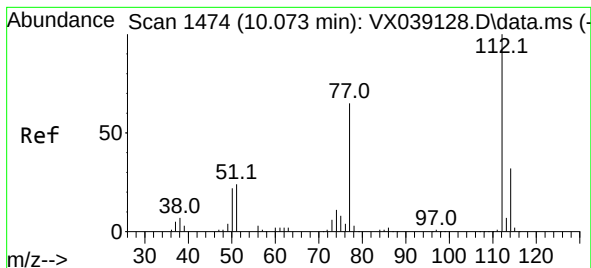
43 100

58 22.6 43.0 64.6#

57 21.1 14.6 21.8

100 0.0 8.2 12.4#





#51

Chlorobenzene

Concen: 79.458 ug/L

RT: 10.080 min Scan# 1474

Delta R.T. 0.006 min

Lab File: VX039134.D

Acq: 11 Dec 2023 11:33

Instrument :

MSVOA_X

ClientSampleId :

C0AY7

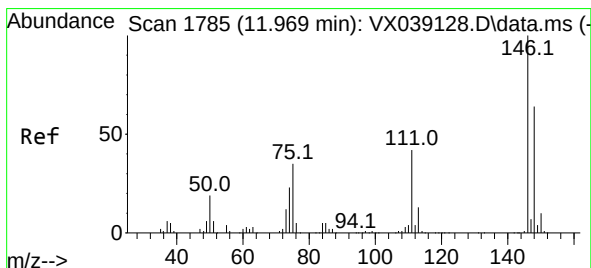
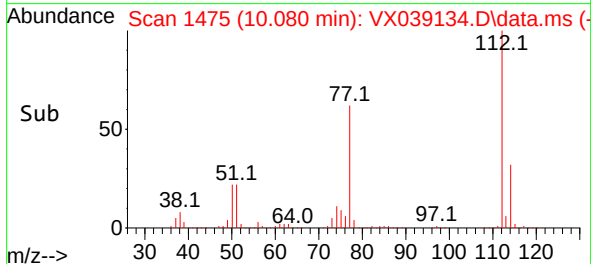
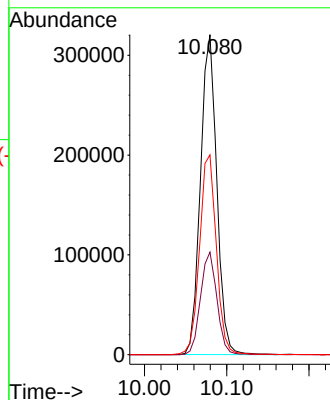
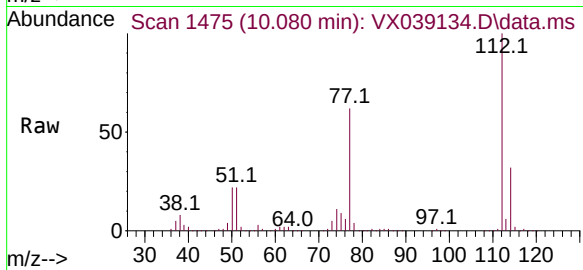
Tgt Ion:112 Resp: 442094

Ion Ratio Lower Upper

112 100

114 32.1 21.8 40.4

77 62.4 49.0 73.6



#64

1,3-Dichlorobenzene

Concen: 3.494 ug/L

RT: 11.970 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX039134.D

Acq: 11 Dec 2023 11:33

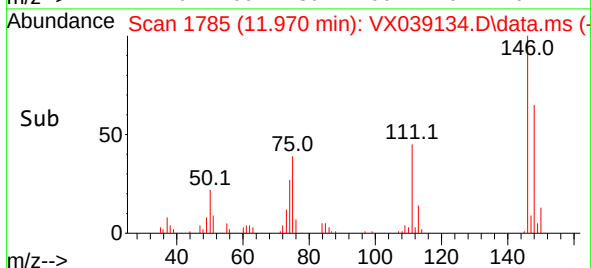
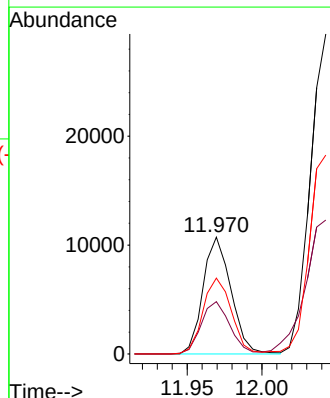
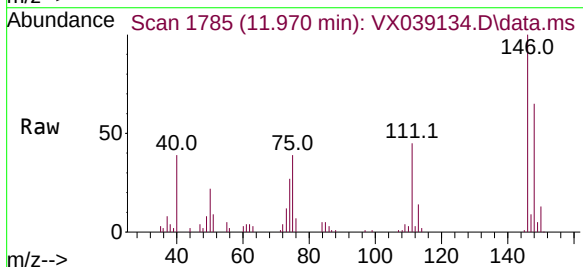
Tgt Ion:146 Resp: 13962

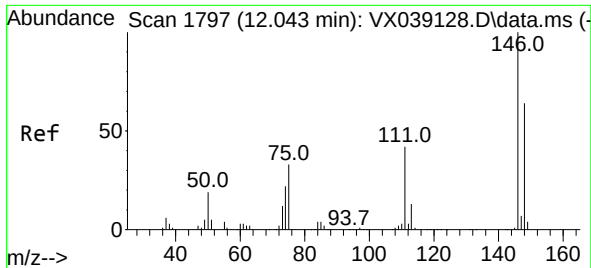
Ion Ratio Lower Upper

146 100

111 44.8 30.0 55.6

148 64.9 44.2 82.0





#65

1,4-Dichlorobenzene

Concen: 8.924 ug/L

RT: 12.043 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039134.D

Acq: 11 Dec 2023 11:33

Instrument :

MSVOA_X

ClientSampleId :

C0AY7

Tgt Ion:146 Resp: 36134

Ion Ratio Lower Upper

146 100

111 41.8 29.7 55.1

148 62.1 45.8 85.2

