

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041224\
 Data File : VX041027.D
 Acq On : 12 Apr 2024 14:03
 Operator : JC/MD
 Sample : P2048-04DL 500X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 13 01:39:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 13 01:36:25 2024
 Response via : Initial Calibration

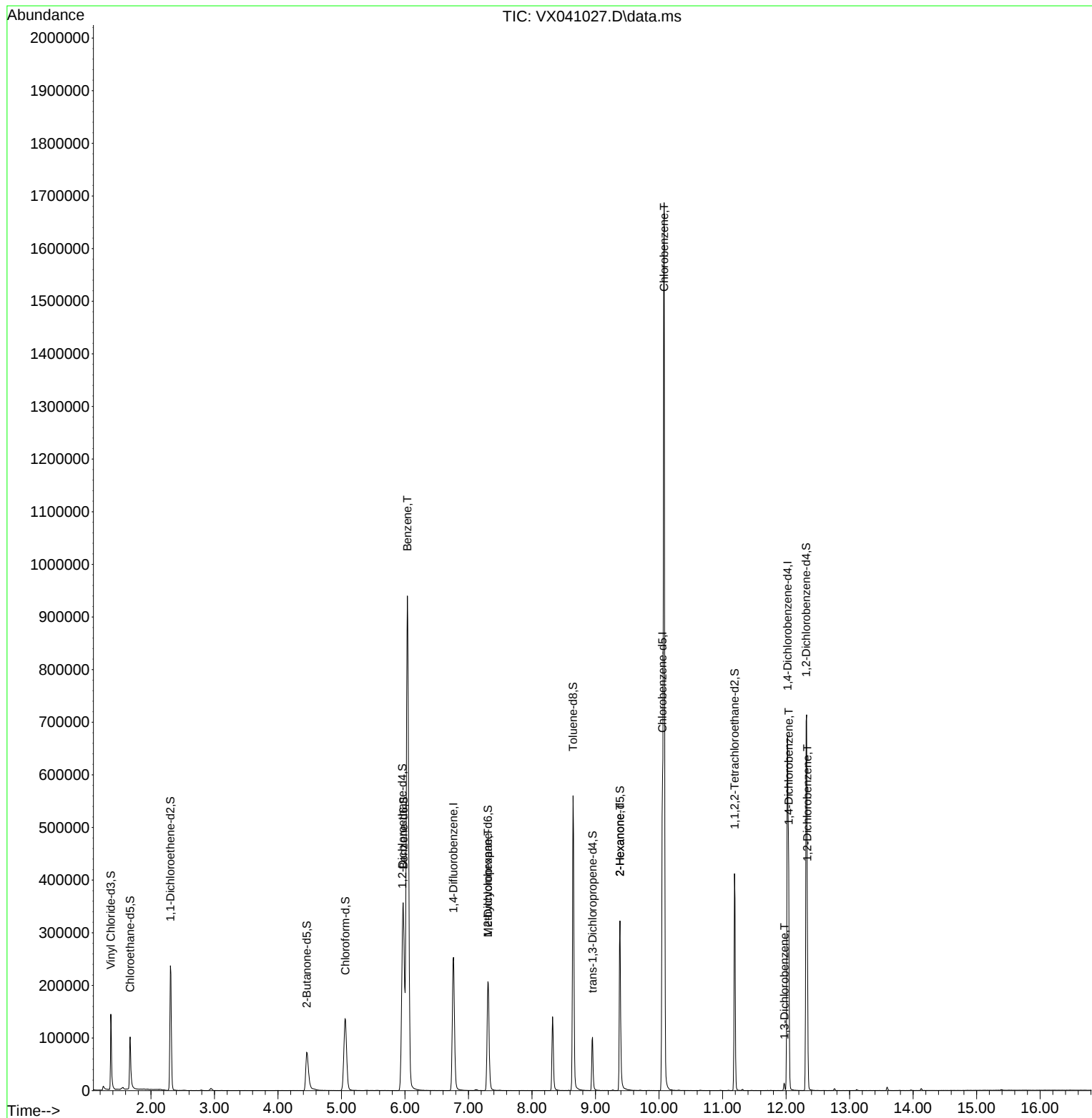
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	274473	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	264021	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	142538	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	102903	52.710	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	= 105.420%		
7) Chloroethane-d5	1.672	69	84212	52.891	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	= 105.780%		
11) 1,1-Dichloroethene-d2	2.306	65	42114	50.527	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 101.060%		
21) 2-Butanone-d5	4.452	46	125257	117.786	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	= 117.790%		
24) Chloroform-d	5.062	84	175081	48.065	ug/L	0.01
Spiked Amount	50.000	Range 70 - 125	Recovery	= 96.120%		
26) 1,2-Dichloroethane-d4	5.958	65	117905	49.761	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 99.520%		
32) Benzene-d6	5.976	84	359750	50.190	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 100.380%		
36) 1,2-Dichloropropane-d6	7.305	67	106114	50.761	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	= 101.520%		
41) Toluene-d8	8.647	98	337248	48.161	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 96.320%		
43) trans-1,3-Dichloroprop...	8.951	79	48854	46.439	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 92.880%		
47) 2-Hexanone-d5	9.384	63	89779	101.863	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	= 101.860%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	151832	49.031	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	= 98.060%		
66) 1,2-Dichlorobenzene-d4	12.317	152	149720	52.362	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 104.720%		
Target Compounds						Qvalue
33) Benzene	6.037	78	1143160	166.884	ug/L	100
35) Methylcyclohexane	7.305	83	26351	9.456	ug/L #	20
48) 2-Hexanone	9.384	43	12471	5.781	ug/L #	76
51) Chlorobenzene	10.079	112	768328	144.523	ug/L	99
64) 1,3-Dichlorobenzene	11.975	146	4870	1.114	ug/L	93
65) 1,4-Dichlorobenzene	12.042	146	143735	32.022	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	91310	21.527	ug/L	97

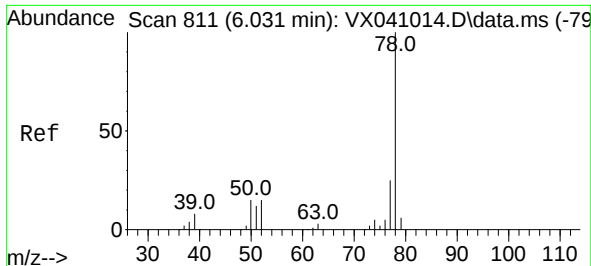
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Apr 13 01:36:25 2024
Response via : Initial Calibration





#33

Benzene

Concen: 166.884 ug/L

RT: 6.037 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX041027.D

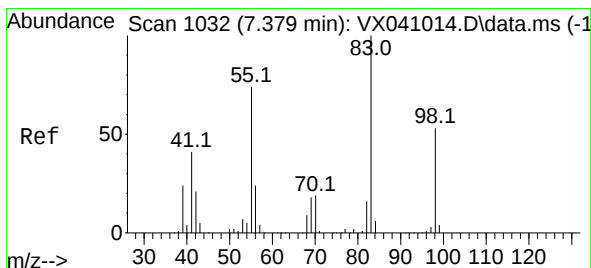
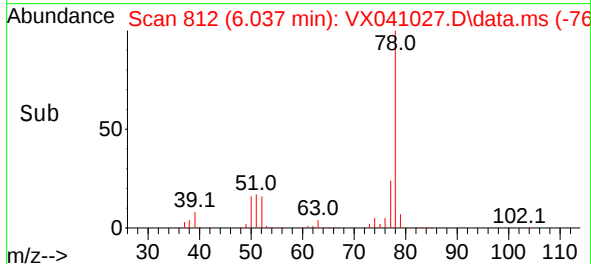
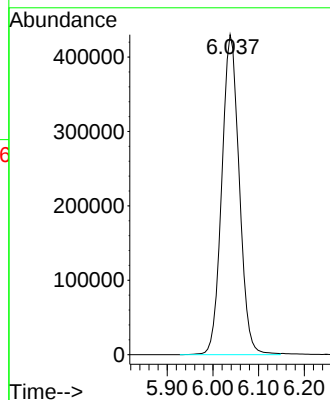
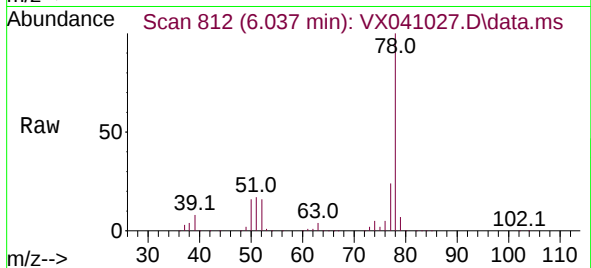
Acq: 12 Apr 2024 14:03

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 78 Resp: 1143160



#35

Methylcyclohexane

Concen: 9.456 ug/L

RT: 7.305 min Scan# 1020

Delta R.T. -0.073 min

Lab File: VX041027.D

Acq: 12 Apr 2024 14:03

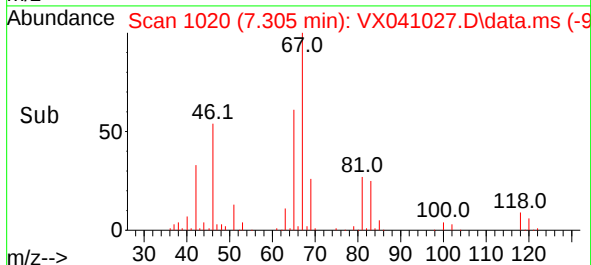
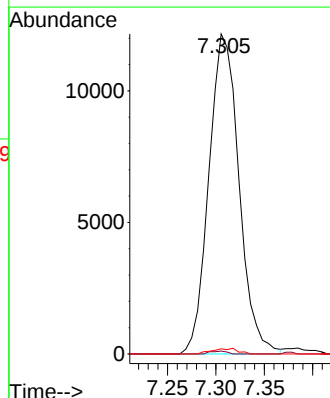
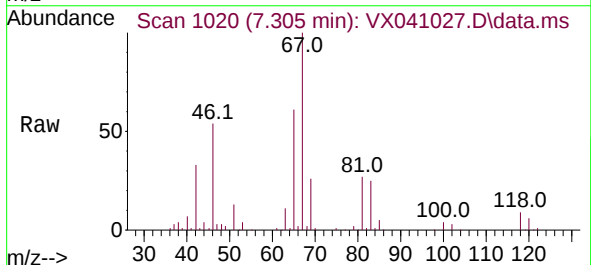
Tgt Ion: 83 Resp: 26351

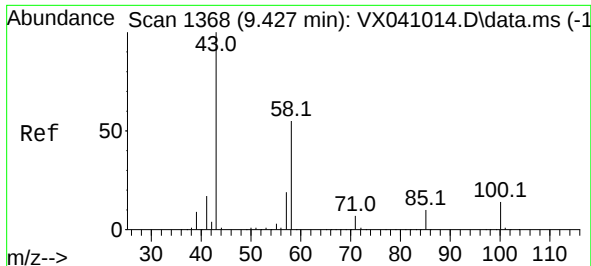
Ion Ratio Lower Upper

83 100

55 0.5 58.9 88.3#

98 1.5 40.9 61.3#





#48

2-Hexanone

Concen: 5.781 ug/L

RT: 9.384 min Scan# 1361

Delta R.T. -0.043 min

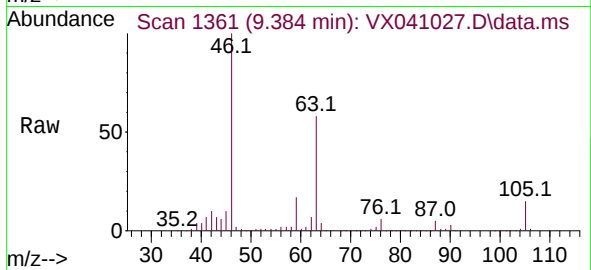
Lab File: VX041027.D

Acq: 12 Apr 2024 14:03

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 43 Resp: 12471

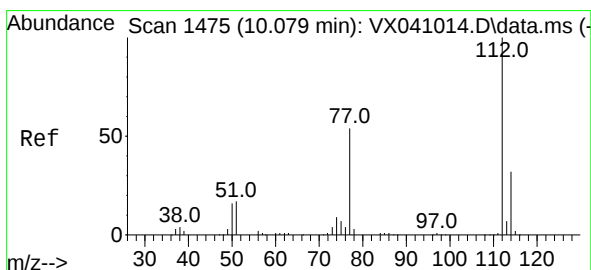
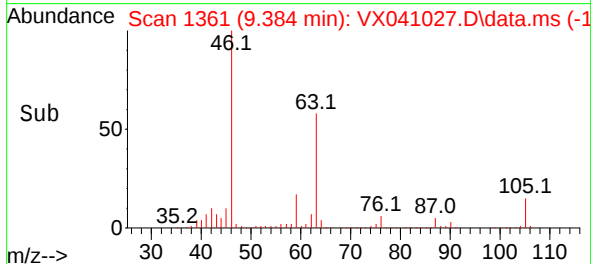
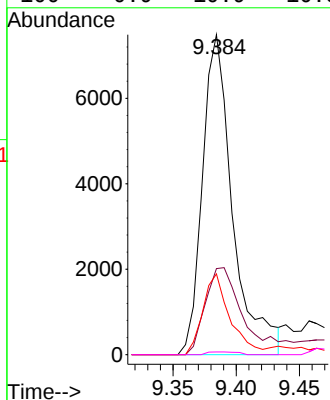
Ion Ratio Lower Upper

43 100

58 33.5 43.2 64.8#

57 22.6 15.4 23.2

100 0.9 10.9 16.3#



#51

Chlorobenzene

Concen: 144.523 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX041027.D

Acq: 12 Apr 2024 14:03

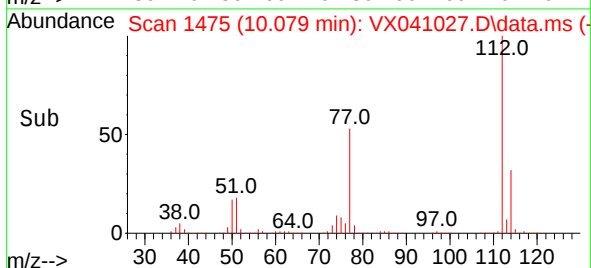
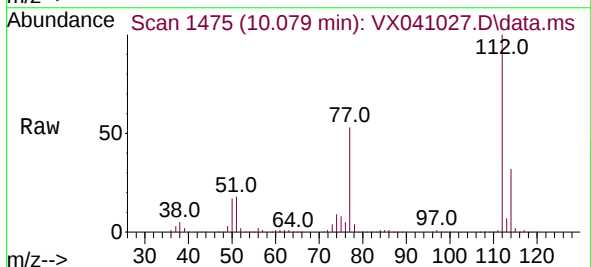
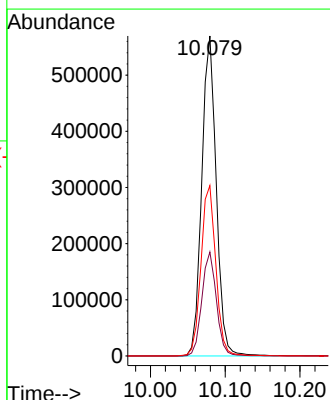
Tgt Ion: 112 Resp: 768328

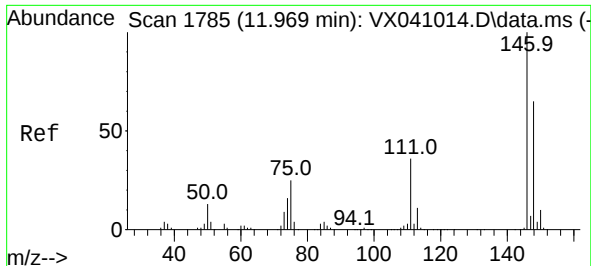
Ion Ratio Lower Upper

112 100

114 32.5 23.0 42.8

77 53.2 43.4 65.0





#64

1,3-Dichlorobenzene

Concen: 1.114 ug/L

RT: 11.975 min Scan# 1786

Delta R.T. 0.006 min

Lab File: VX041027.D

Acq: 12 Apr 2024 14:03

Instrument :

MSVOA_X

ClientSampleId :

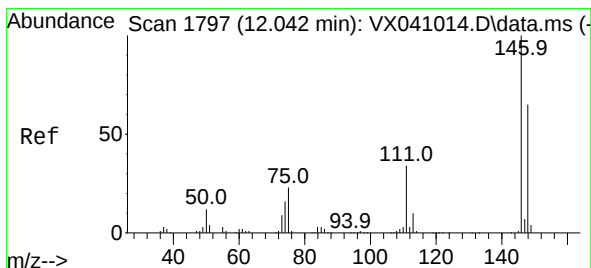
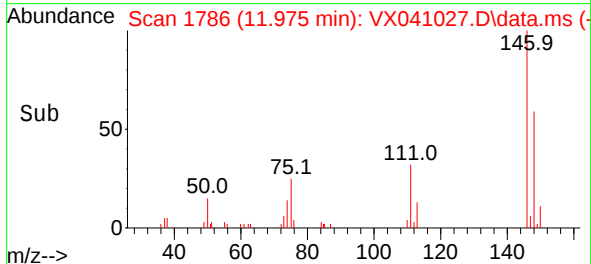
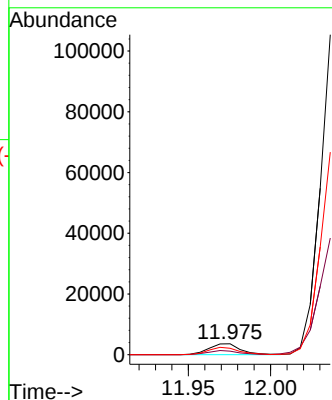
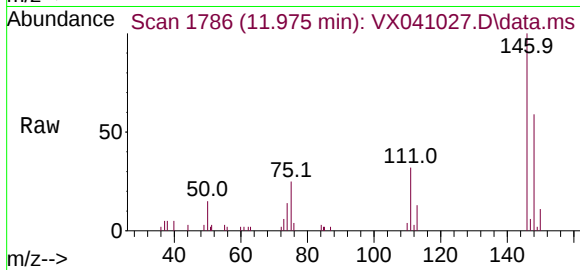
Tgt Ion:146 Resp: 4870

Ion Ratio Lower Upper

146 100

111 31.5 25.3 47.1

148 58.5 44.7 82.9



#65

1,4-Dichlorobenzene

Concen: 32.022 ug/L

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX041027.D

Acq: 12 Apr 2024 14:03

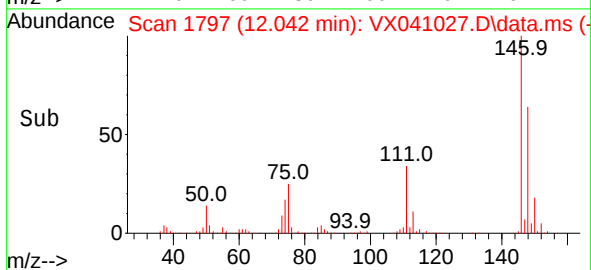
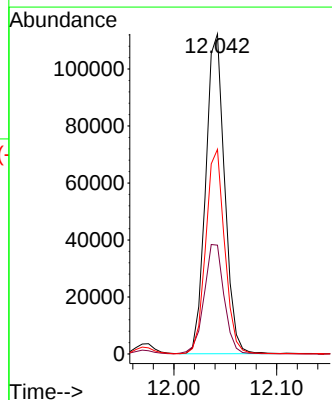
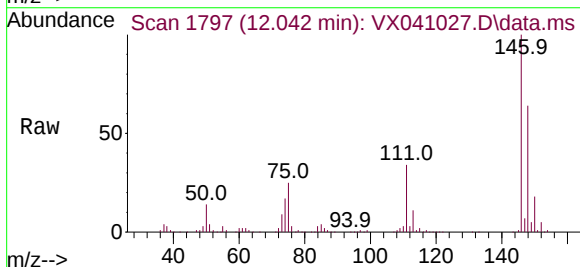
Tgt Ion:146 Resp: 143735

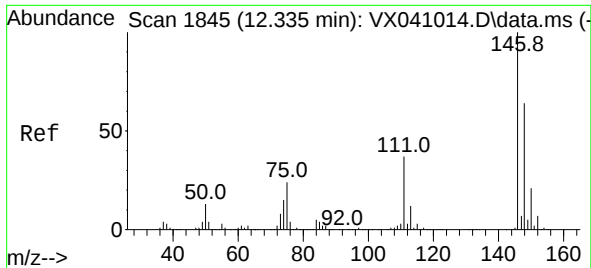
Ion Ratio Lower Upper

146 100

111 34.0 23.4 43.6

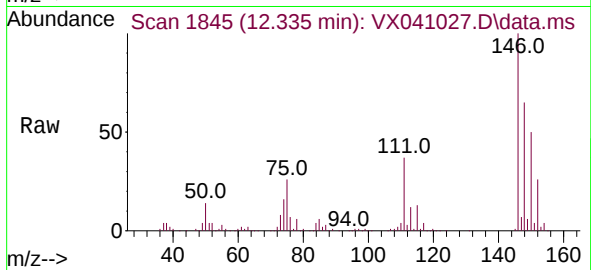
148 63.9 44.2 82.0





#67
1,2-Dichlorobenzene
Concen: 21.527 ug/L
RT: 12.335 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX041027.D
Acq: 12 Apr 2024 14:03

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:	146	Resp:	91310
Ion Ratio	Lower	Upper	
146	100		
111	36.6	31.8	47.8
148	65.0	53.2	79.8

