

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110524\
 Data File : VX043704.D
 Acq On : 05 Nov 2024 10:08
 Operator : JC/MD
 Sample : P4670-04 400X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 06 02:01:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML110424WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 06 01:38:34 2024
 Response via : Initial Calibration

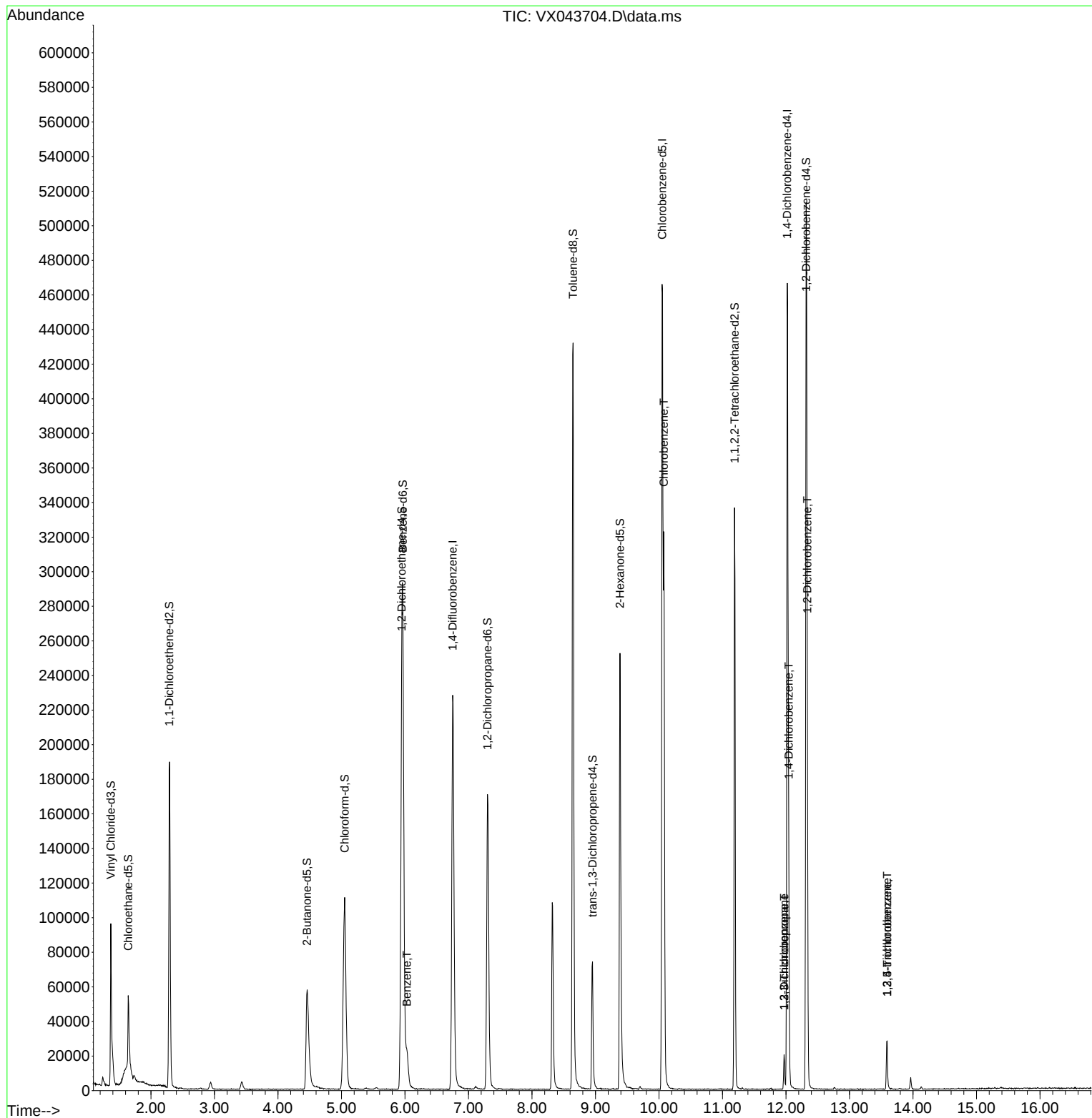
Compound		R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene		6.751	114	255600	50.000	ug/L	0.00
28) Chlorobenzene-d5		10.049	117	223712	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		12.018	152	100547	50.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.368	65	81553	59.892	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 119.780%		
7) Chloroethane-d5		1.642	69	25242	43.126	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 86.260%		
11) 1,1-Dichloroethene-d2		2.288	65	32805	52.188	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 104.380%		
21) 2-Butanone-d5		4.459	46	108250	121.416	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 121.420%		
24) Chloroform-d		5.050	84	141394	48.168	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 96.340%		
26) 1,2-Dichloroethane-d4		5.946	65	92642	49.679	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 99.360%		
32) Benzene-d6		5.964	84	309559	53.521	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 107.040%		
36) 1,2-Dichloropropane-d6		7.300	67	91604	52.058	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 104.120%		
41) Toluene-d8		8.647	98	278126	52.935	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 105.860%		
43) trans-1,3-Dichloroprop...		8.952	79	38568	45.831	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 91.660%		
47) 2-Hexanone-d5		9.385	63	81261	116.689	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 116.690%		
56) 1,1,2,2-Tetrachloroeth...		11.189	84	128406	56.873	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 113.740%		
66) 1,2-Dichlorobenzene-d4		12.317	152	99791	57.282	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 114.560%		
Target Compounds							Qvalue
33) Benzene		6.032	78	25939	4.068	ug/L	100
51) Chlorobenzene		10.073	112	142947	32.612	ug/L	99
61) 1,2,3-Trichloropropane		11.969	75	1931	0.989	ug/L #	48
64) 1,3-Dichlorobenzene		11.969	146	6852	2.234	ug/L	98
65) 1,4-Dichlorobenzene		12.043	146	50298	16.284	ug/L	96
67) 1,2-Dichlorobenzene		12.335	146	65152	20.790	ug/L	98
69) 1,3,5-Trichlorobenzene		13.591	180	7669	3.749	ug/L	96
70) 1,2,4-trichlorobenzene		13.591	180	7669	4.089	ug/L	95

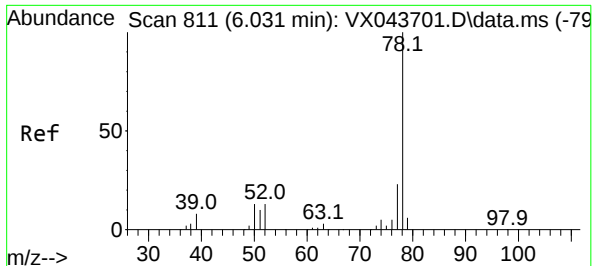
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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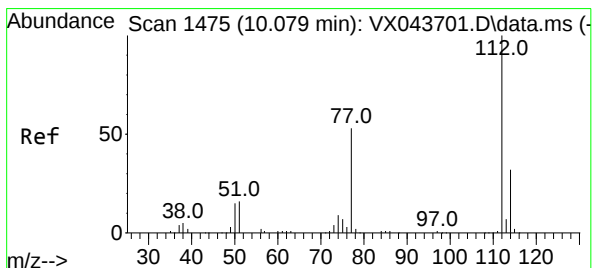
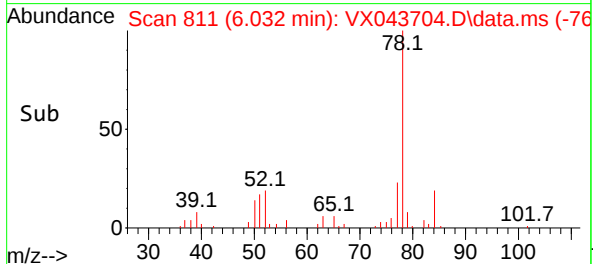
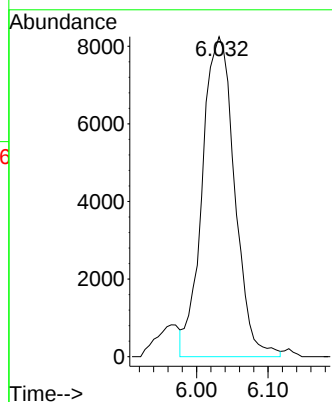
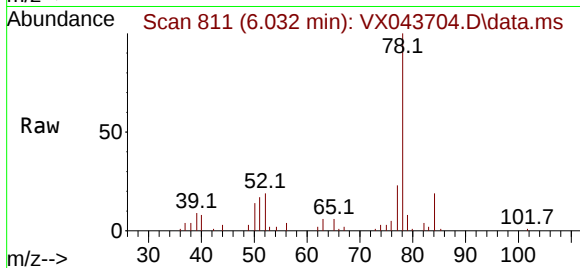




#33
Benzene
Concen: 4.068 ug/L
RT: 6.032 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX043704.D
Acq: 05 Nov 2024 10:08

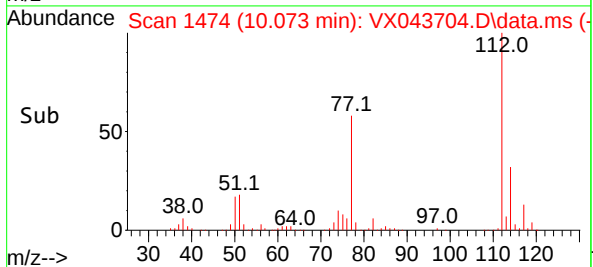
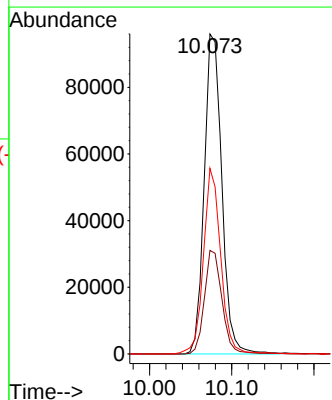
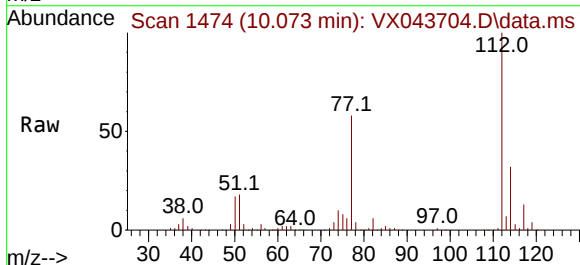
Instrument :
MSVOA_X
ClientSampleId :

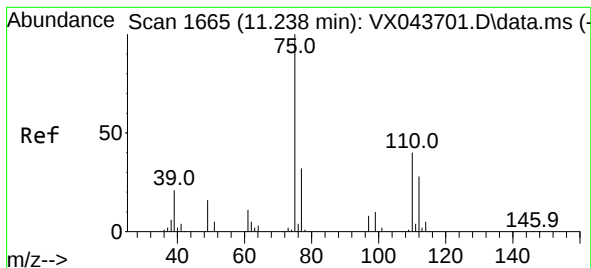
Tgt Ion: 78 Resp: 25939



#51
Chlorobenzene
Concen: 32.612 ug/L
RT: 10.073 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VX043704.D
Acq: 05 Nov 2024 10:08

Tgt Ion: 112 Resp: 142947
Ion Ratio Lower Upper
112 100
114 32.4 22.6 42.0
77 58.0 45.9 68.9





#61

1,2,3-Trichloropropane

Concen: 0.989 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. 0.732 min

Lab File: VX043704.D

Acq: 05 Nov 2024 10:08

Instrument :

MSVOA_X

ClientSampleId :

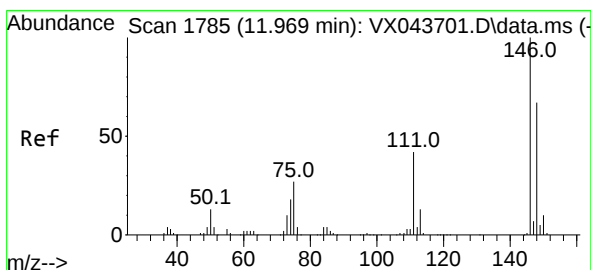
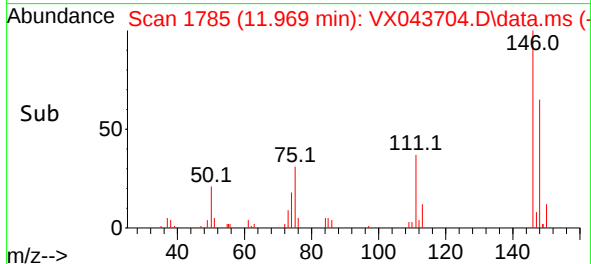
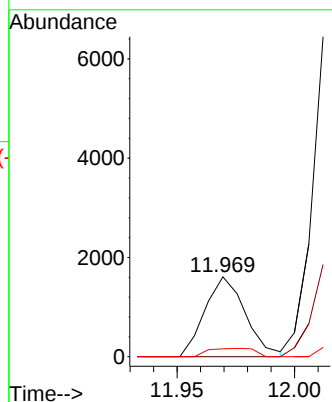
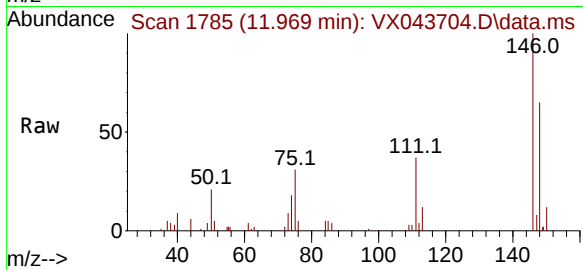
Tgt Ion: 75 Resp: 1931

Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.0#

110 11.8 33.6 50.4#



#64

1,3-Dichlorobenzene

Concen: 2.234 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX043704.D

Acq: 05 Nov 2024 10:08

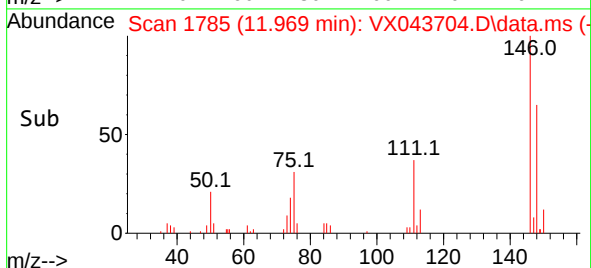
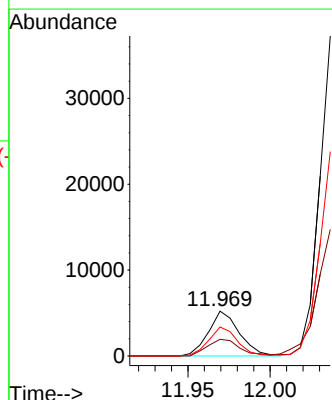
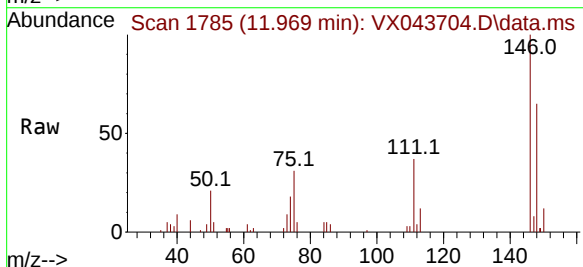
Tgt Ion:146 Resp: 6852

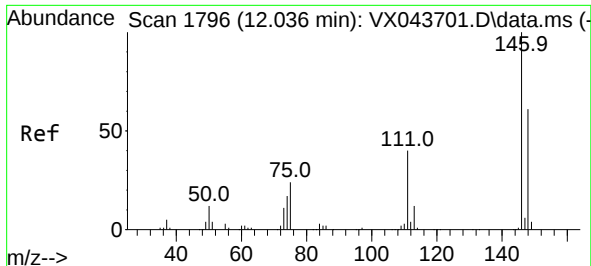
Ion Ratio Lower Upper

146 100

111 37.3 28.3 52.5

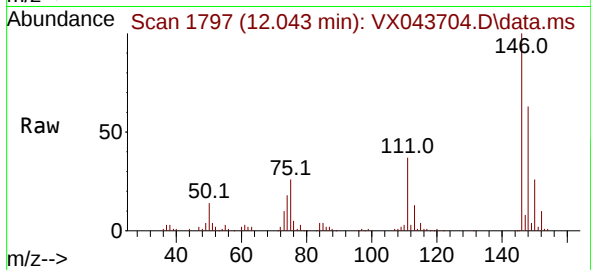
148 64.7 45.1 83.9



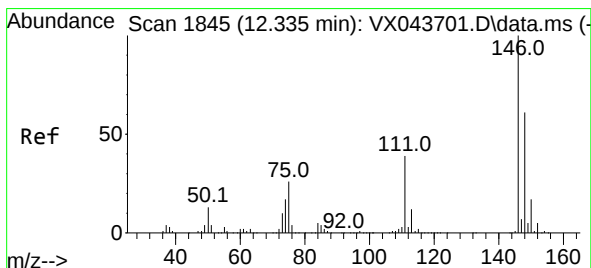
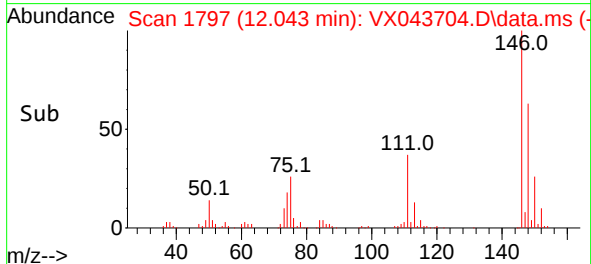
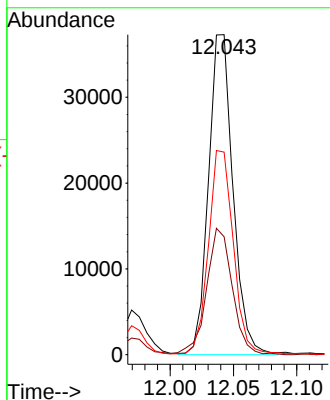


#65
1,4-Dichlorobenzene
Concen: 16.284 ug/L
RT: 12.043 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VX043704.D
Acq: 05 Nov 2024 10:08

Instrument :
MSVOA_X
ClientSampleId :

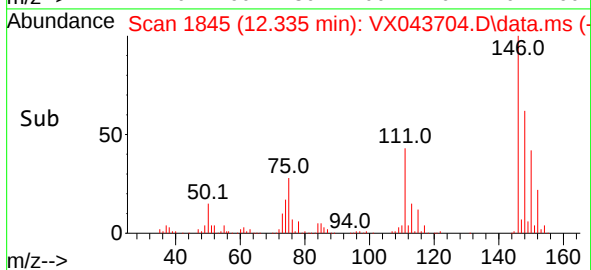
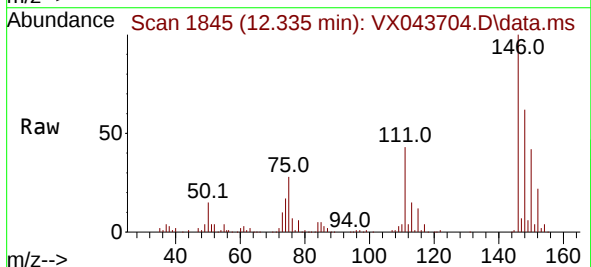
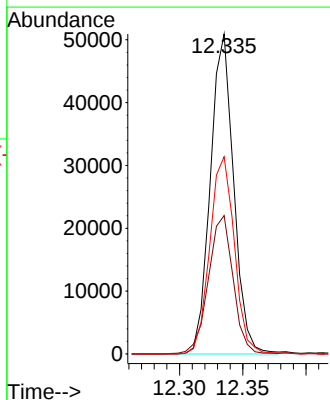


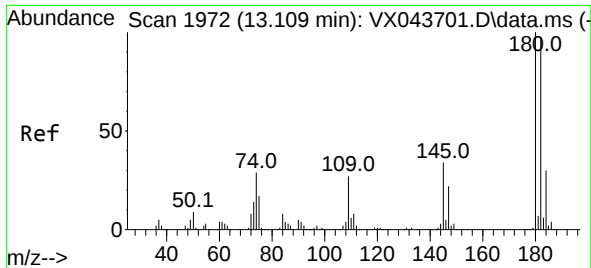
Tgt Ion:146 Resp: 50298
Ion Ratio Lower Upper
146 100
111 36.8 28.9 53.7
148 63.3 45.0 83.6



#67
1,2-Dichlorobenzene
Concen: 20.790 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX043704.D
Acq: 05 Nov 2024 10:08

Tgt Ion:146 Resp: 65152
Ion Ratio Lower Upper
146 100
111 43.3 33.9 50.9
148 61.7 50.6 76.0

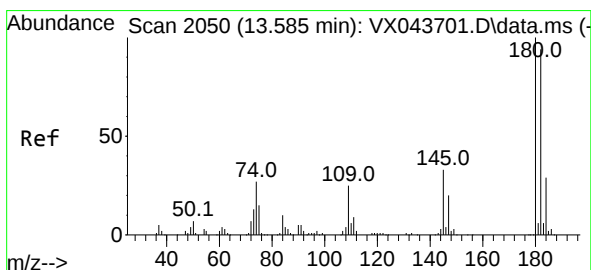
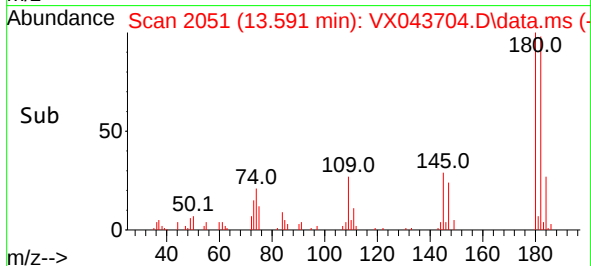
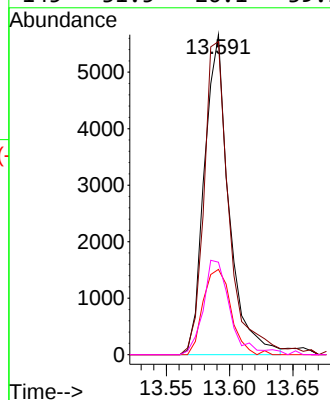
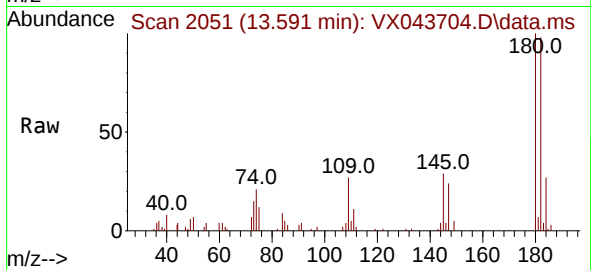




#69
 1,3,5-Trichlorobenzene
 Concen: 3.749 ug/L
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.482 min
 Lab File: VX043704.D
 Acq: 05 Nov 2024 10:08

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion:180	Resp:	7669
Ion Ratio	Lower	Upper
180	100	
182	99.6	74.7 112.1
184	29.7	23.7 35.5
145	31.5	26.1 39.1



#70
 1,2,4-trichlorobenzene
 Concen: 4.089 ug/L
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.006 min
 Lab File: VX043704.D
 Acq: 05 Nov 2024 10:08

Tgt Ion:180	Resp:	7669
Ion Ratio	Lower	Upper
180	100	
182	99.6	75.9 113.9
145	31.5	26.9 40.3

