

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041124\
 Data File : VX040980.D
 Acq On : 11 Apr 2024 17:02
 Operator : JC/MD
 Sample : P2048-06 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 12 01:47:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 11 05:36:34 2024
 Response via : Initial Calibration

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

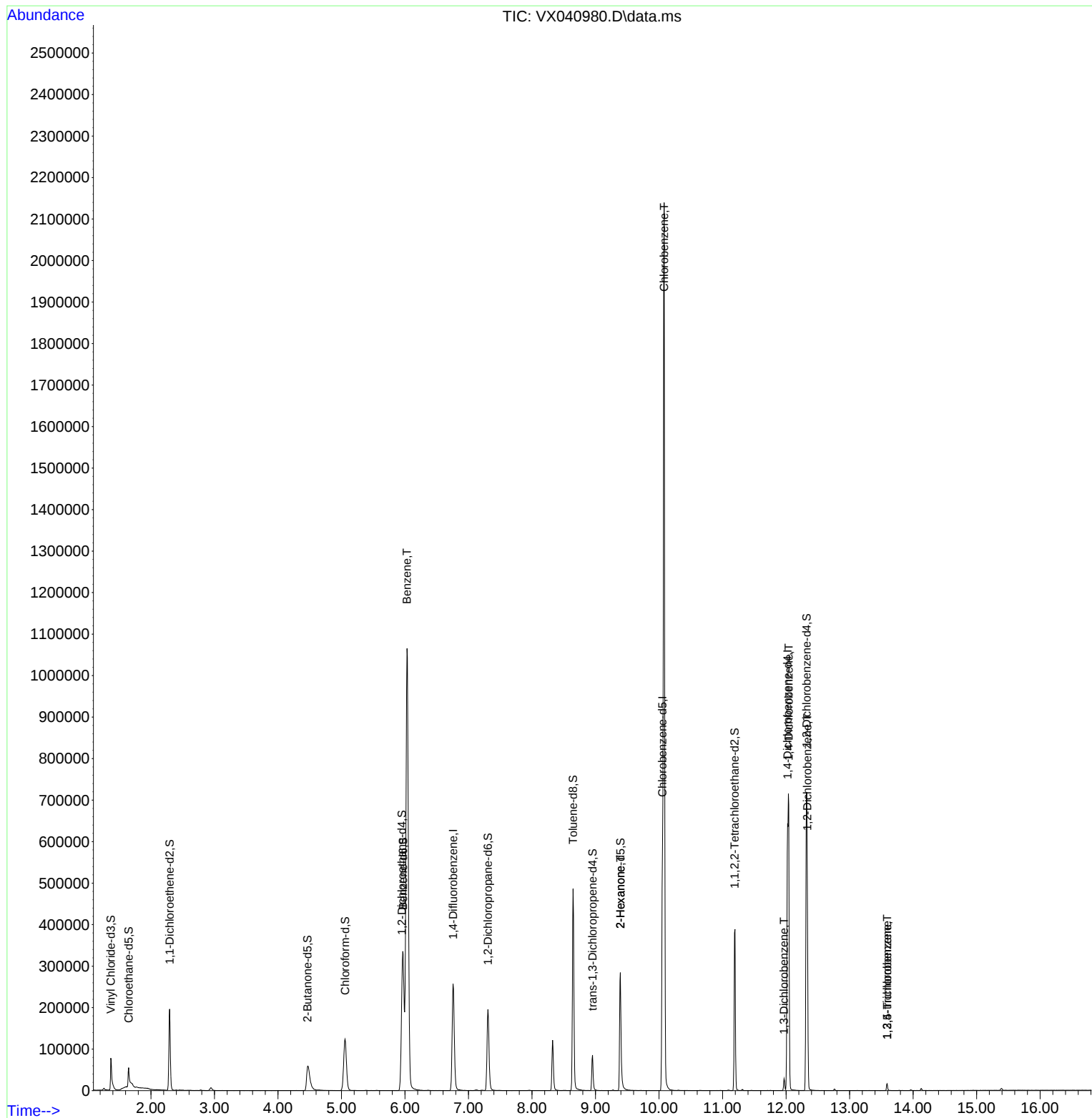
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	281068	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	258507	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	131316	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	73697	36.864	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.720%
7) Chloroethane-d5	1.648	69	37391	22.933	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	45.860%#
11) 1,1-Dichloroethene-d2	2.294	65	34267	40.148	ug/L	-0.01
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.300%
21) 2-Butanone-d5	4.465	46	123741	113.630	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.630%
24) Chloroform-d	5.056	84	162379	43.532	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.060%
26) 1,2-Dichloroethane-d4	5.952	65	108111	44.557	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.120%
32) Benzene-d6	5.970	84	331653	47.257	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.520%
36) 1,2-Dichloropropane-d6	7.306	67	98270	48.011	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.020%
41) Toluene-d8	8.647	98	304604	44.427	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.860%
43) trans-1,3-Dichloroprop...	8.952	79	41941	40.718	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.440%
47) 2-Hexanone-d5	9.391	63	89155	103.313	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.310%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	150237	49.551	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.100%
66) 1,2-Dichlorobenzene-d4	12.323	152	135413	51.406	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.820%
Target Compounds						
					Qvalue	
33) Benzene	6.031	78	1320555	196.893	ug/L	100
48) 2-Hexanone	9.391	43	11222	5.313	ug/L #	46
51) Chlorobenzene	10.079	112	980012	188.274	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	10114	2.511	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	231488	55.979	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	144267	36.919	ug/L	98
69) 1,3,5-Trichlorobenzene	13.591	180	5040	1.634	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	5040	1.724	ug/L	99

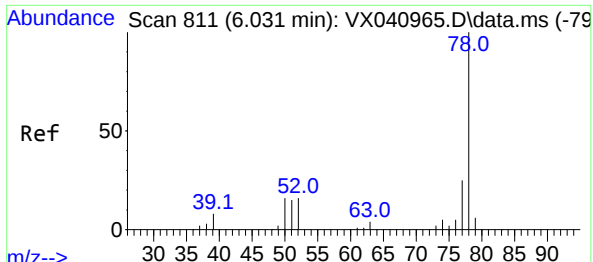
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041024WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 11 05:36:34 2024
Response via : Initial Calibration

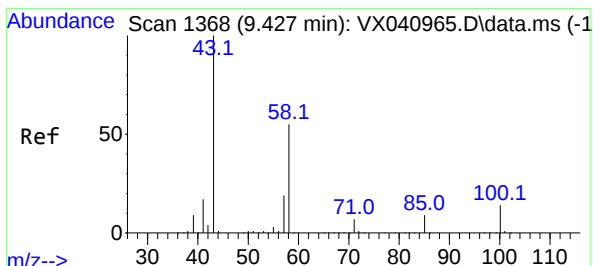
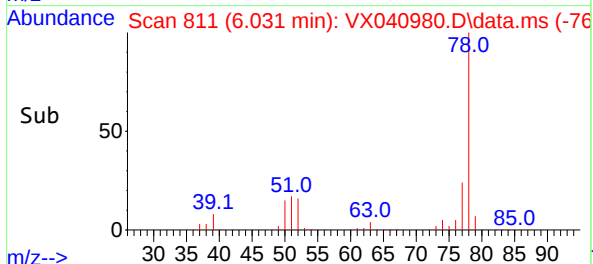
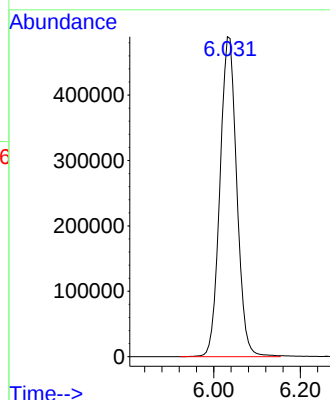
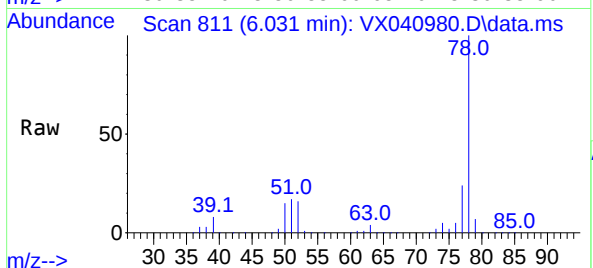




#33
Benzene
Concen: 196.893 ug/L
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX040980.D
Acq: 11 Apr 2024 17:02

Instrument :
MSVOA_X
ClientSampleId :

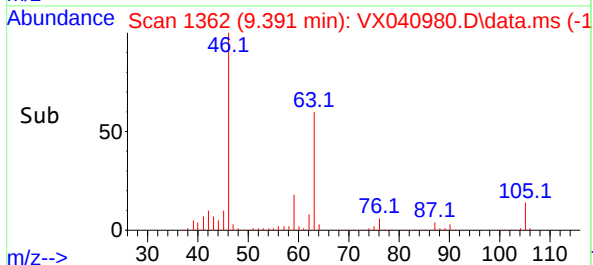
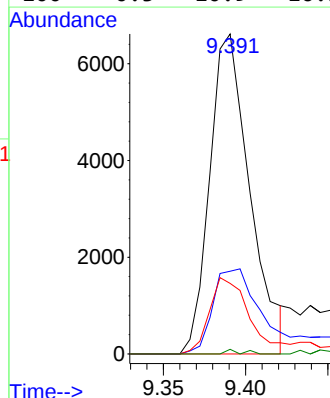
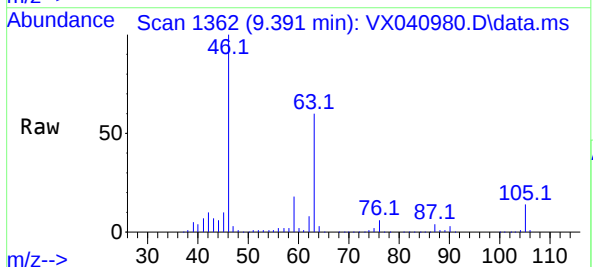
Tgt Ion: 78 Resp: 1320555

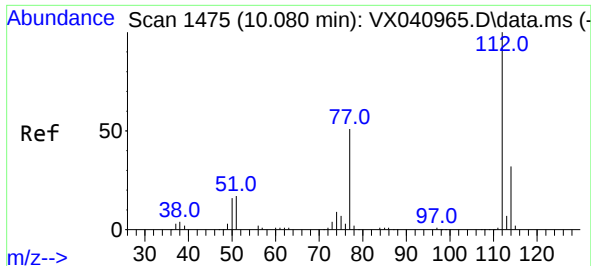


#48
2-Hexanone
Concen: 5.313 ug/L
RT: 9.391 min Scan# 1362
Delta R.T. -0.037 min
Lab File: VX040980.D
Acq: 11 Apr 2024 17:02

Tgt Ion: 43 Resp: 11222

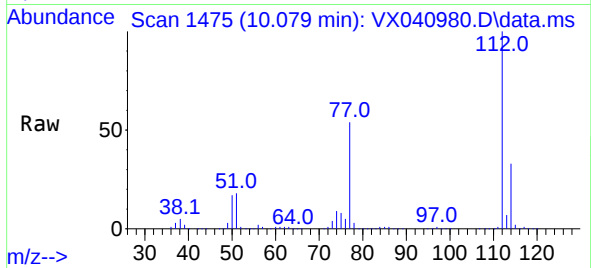
Ion	Ratio	Lower	Upper
43	100		
58	0.0	43.2	64.8#
57	24.1	15.4	23.2#
100	0.3	10.9	16.3#



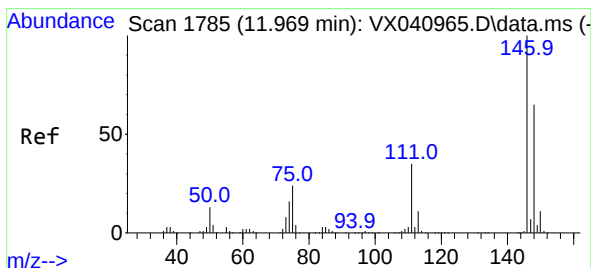
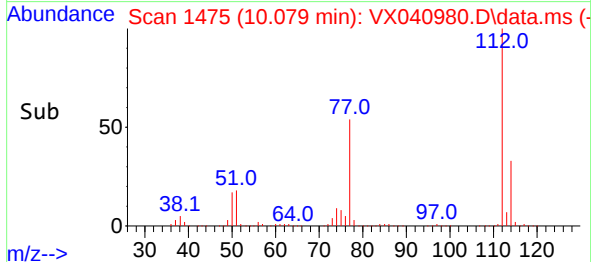
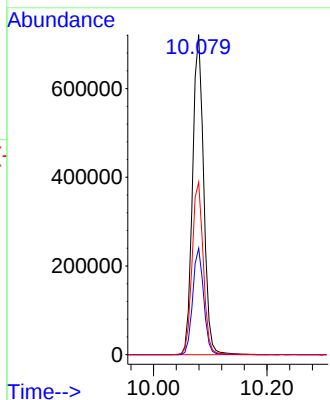


#51
Chlorobenzene
Concen: 188.274 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX040980.D
Acq: 11 Apr 2024 17:02

Instrument :
MSVOA_X
ClientSampleId :

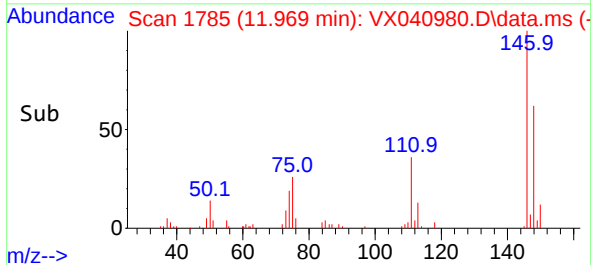
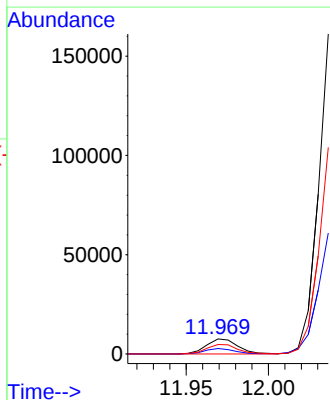
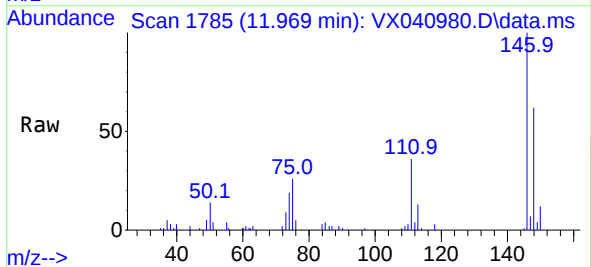


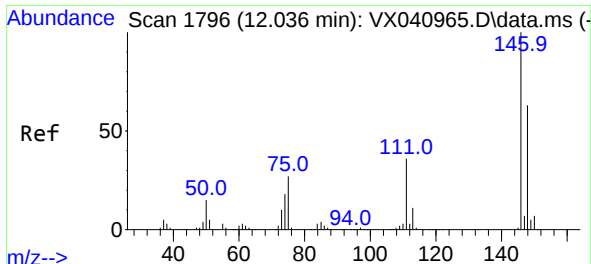
Tgt Ion:112 Resp: 980012
Ion Ratio Lower Upper
112 100
114 33.2 23.0 42.8
77 53.9 43.4 65.0



#64
1,3-Dichlorobenzene
Concen: 2.511 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX040980.D
Acq: 11 Apr 2024 17:02

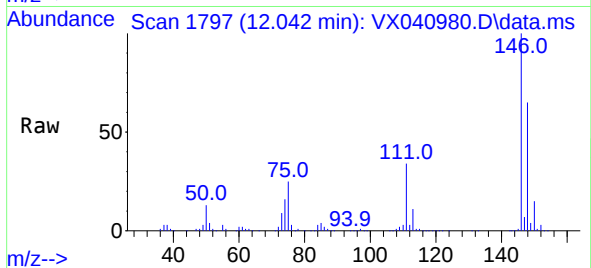
Tgt Ion:146 Resp: 10114
Ion Ratio Lower Upper
146 100
111 36.4 25.3 47.1
148 62.0 44.7 82.9



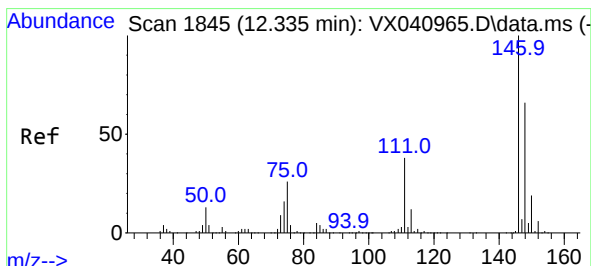
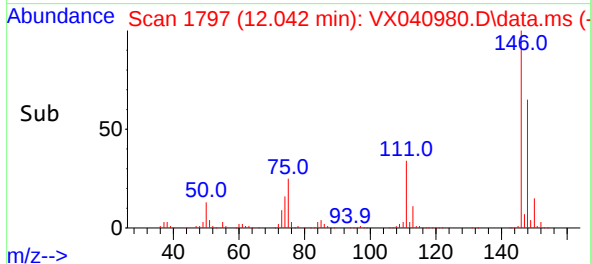
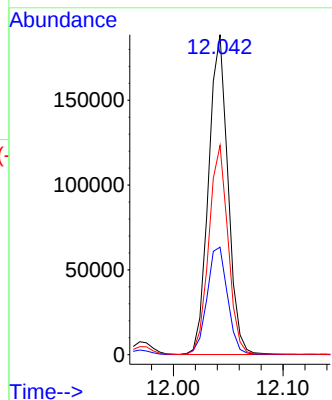


#65
1,4-Dichlorobenzene
Concen: 55.979 ug/L
RT: 12.042 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX040980.D
Acq: 11 Apr 2024 17:02

Instrument :
MSVOA_X
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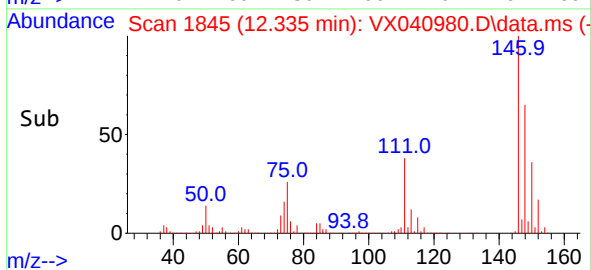
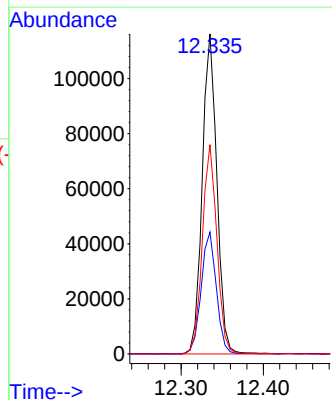
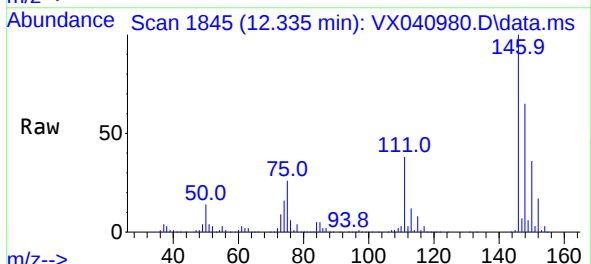


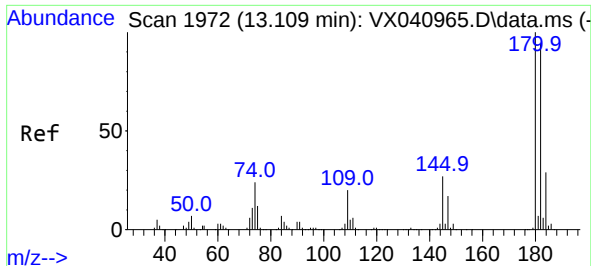
Tgt Ion:146 Resp: 231488
Ion Ratio Lower Upper
146 100
111 33.6 23.4 43.6
148 65.4 44.2 82.0



#67
1,2-Dichlorobenzene
Concen: 36.919 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX040980.D
Acq: 11 Apr 2024 17:02

Tgt Ion:146 Resp: 144267
Ion Ratio Lower Upper
146 100
111 38.1 31.8 47.8
148 65.4 53.2 79.8





#69

1,3,5-Trichlorobenzene

Concen: 1.634 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.482 min

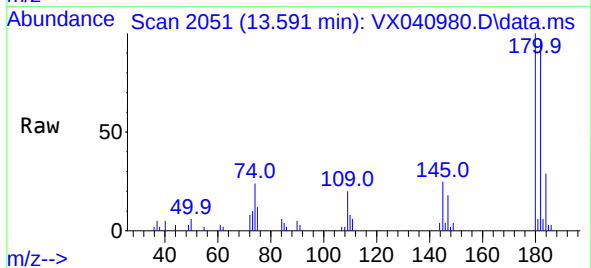
Lab File: VX040980.D

Acq: 11 Apr 2024 17:02

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 5040

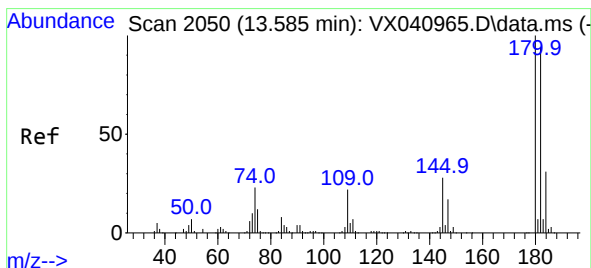
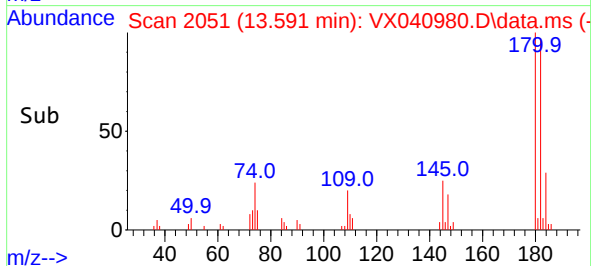
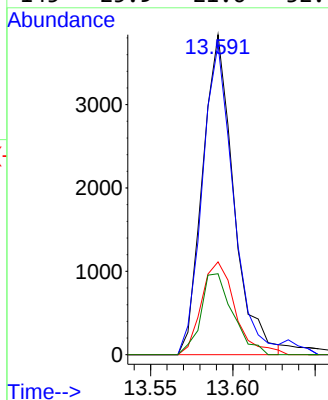
Ion Ratio Lower Upper

180 100

182 96.7 75.8 113.6

184 31.4 24.4 36.6

145 25.9 21.6 32.4



#70

1,2,4-trichlorobenzene

Concen: 1.724 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX040980.D

Acq: 11 Apr 2024 17:02

Tgt Ion:180 Resp: 5040

Ion Ratio Lower Upper

180 100

182 96.7 76.8 115.2

145 25.9 22.3 33.5

