

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041124\
 Data File : VX041005.D
 Acq On : 12 Apr 2024 03:00
 Operator : JC/MD
 Sample : P2049-12 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 12 06:34:34 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)

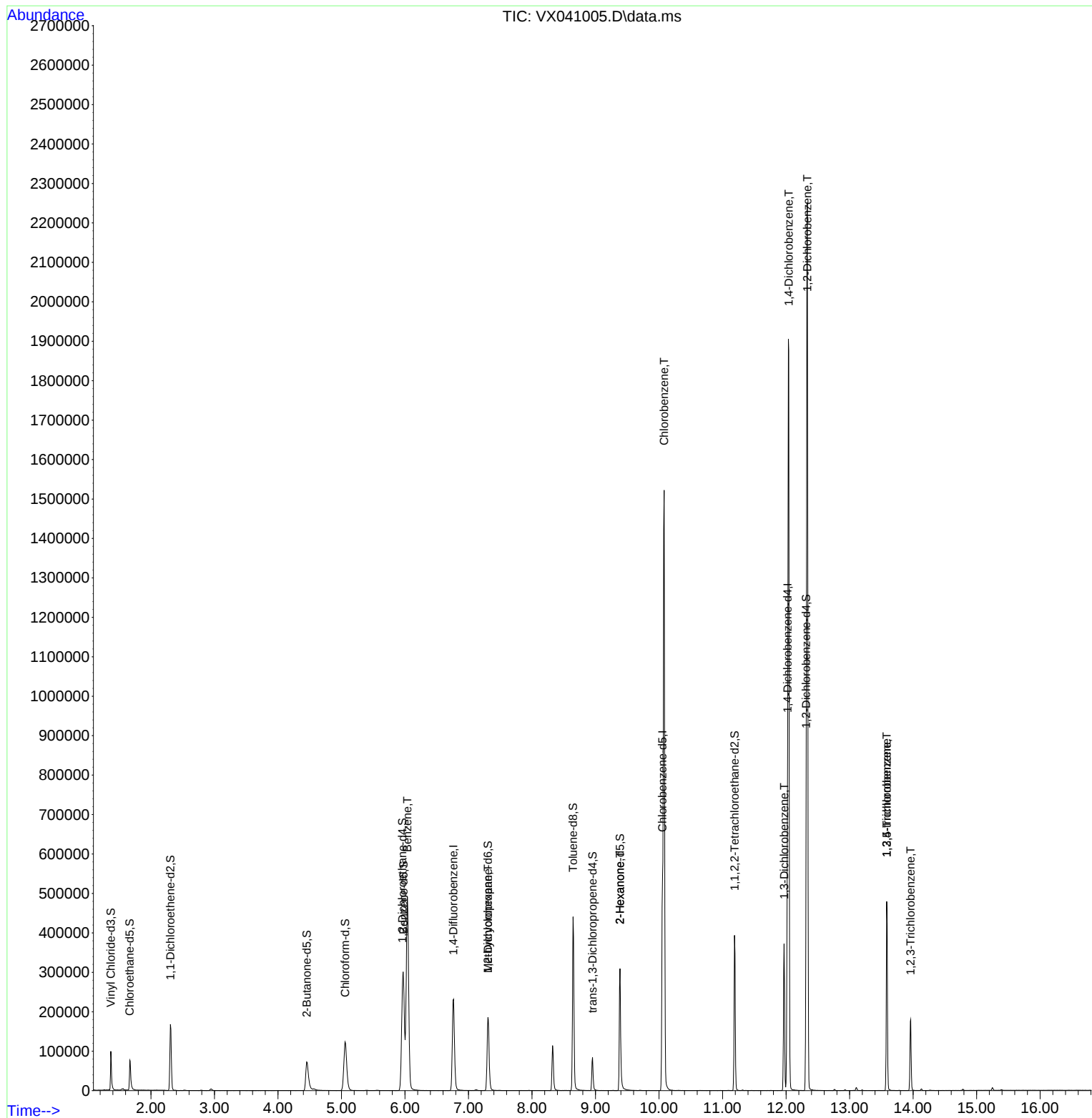
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	250501	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	233584	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	127400	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	69651	39.092	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.180%
7) Chloroethane-d5	1.666	69	64709	44.531	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.060%
11) 1,1-Dichloroethene-d2	2.306	65	30005	39.444	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.880%
21) 2-Butanone-d5	4.452	46	127750	131.626	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	131.630%#
24) Chloroform-d	5.056	84	158252	47.602	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	5.958	65	106710	49.346	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.700%
32) Benzene-d6	5.976	84	300623	47.406	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.820%
36) 1,2-Dichloropropane-d6	7.305	67	93956	50.802	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.600%
41) Toluene-d8	8.647	98	265822	42.907	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.820%
43) trans-1,3-Dichloroprop...	8.951	79	40112	43.098	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.200%
47) 2-Hexanone-d5	9.384	63	84095	107.847	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.850%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	146095	53.326	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.660%
66) 1,2-Dichlorobenzene-d4	12.317	152	126641	49.554	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.100%
Target Compounds						
					Qvalue	
33) Benzene	6.037	78	601710	99.287	ug/L	100
35) Methylcyclohexane	7.305	83	24430	9.909	ug/L #	19
48) 2-Hexanone	9.384	43	11276	5.908	ug/L #	76
51) Chlorobenzene	10.079	112	711853	151.348	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	124949	31.972	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	659603	164.409	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	736045	194.148	ug/L	98
69) 1,3,5-Trichlorobenzene	13.585	180	125059	41.784	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	125059	44.093	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	49886	17.934	ug/L	98

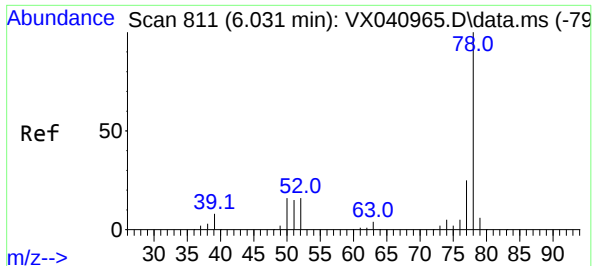
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041124\
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Acq On : 12 Apr 2024 03:00
Operator : JC/MD
Sample : P2049-12 100X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Apr 12 06:34:34 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

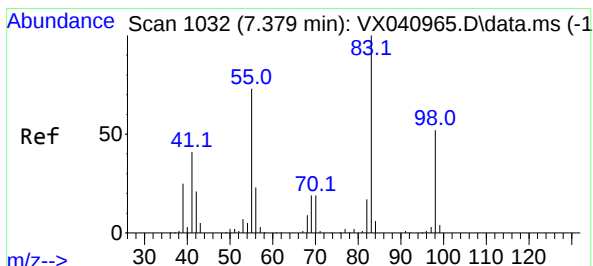
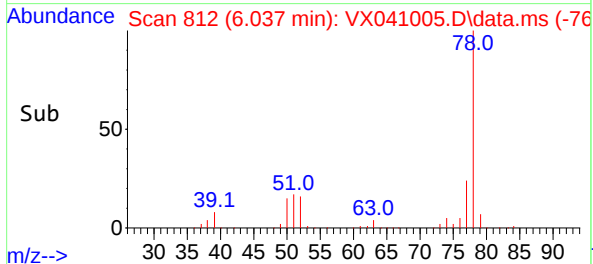
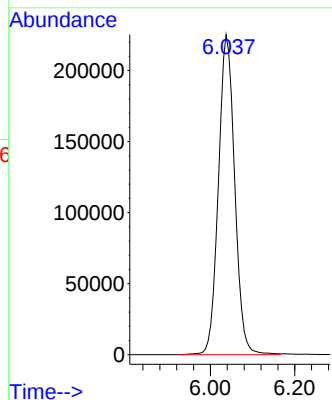
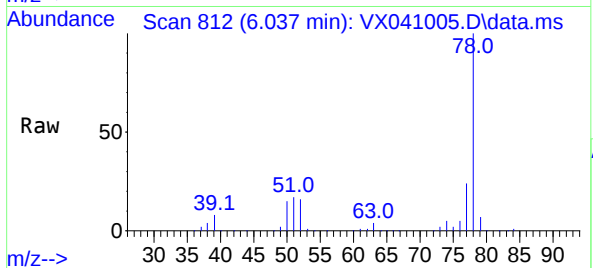




#33
Benzene
Concen: 99.287 ug/L
RT: 6.037 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX041005.D
Acq: 12 Apr 2024 03:00

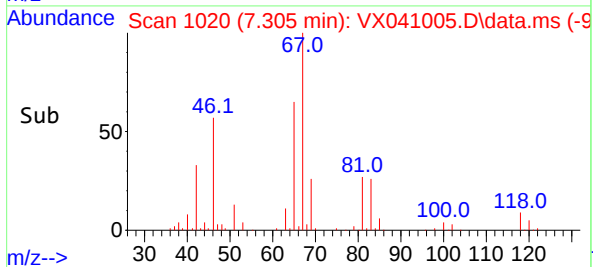
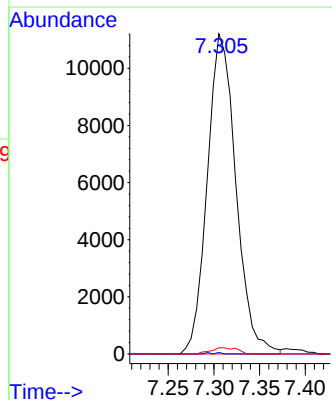
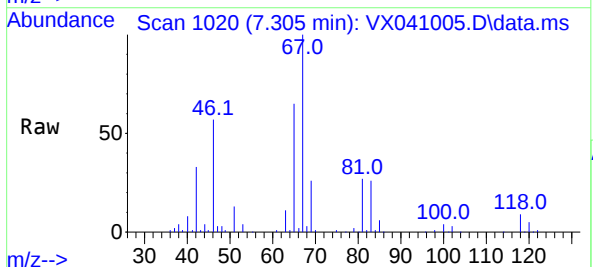
Instrument :
MSVOA_X
ClientSampleId :

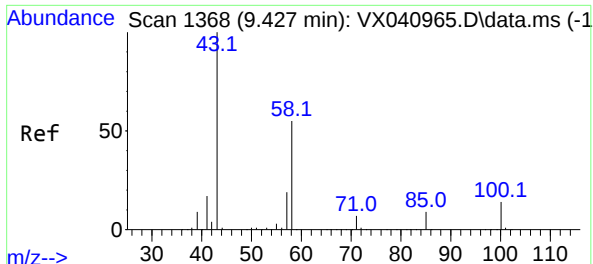
Tgt Ion: 78 Resp: 601710



#35
Methylcyclohexane
Concen: 9.909 ug/L
RT: 7.305 min Scan# 1020
Delta R.T. -0.073 min
Lab File: VX041005.D
Acq: 12 Apr 2024 03:00

Tgt Ion: 83 Resp: 24430
Ion Ratio Lower Upper
83 100
55 0.1 58.9 88.3#
98 1.3 40.9 61.3#



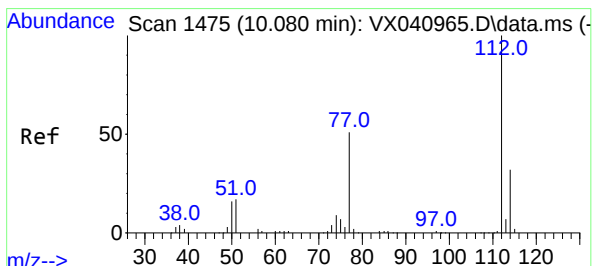
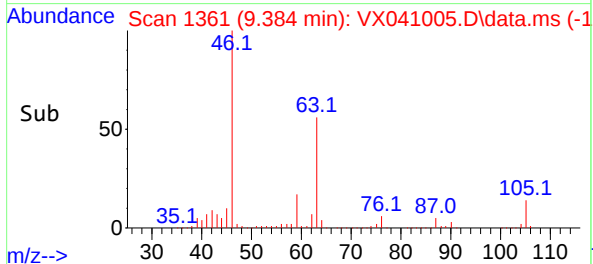
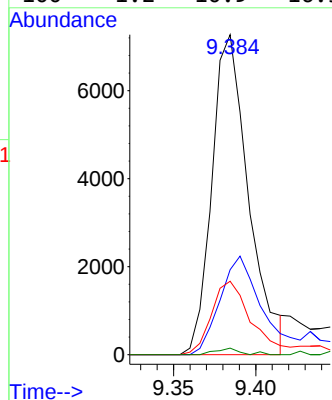
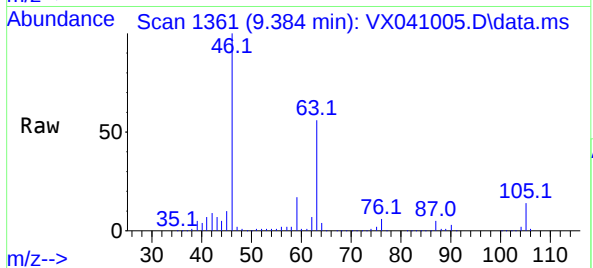


#48
2-Hexanone
Concen: 5.908 ug/L
RT: 9.384 min Scan# 11
Delta R.T. -0.043 min
Lab File: VX041005.D
Acq: 12 Apr 2024 03:00

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 11276

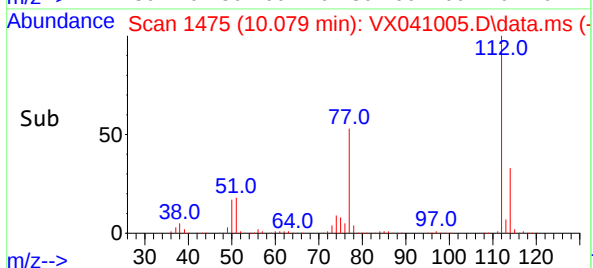
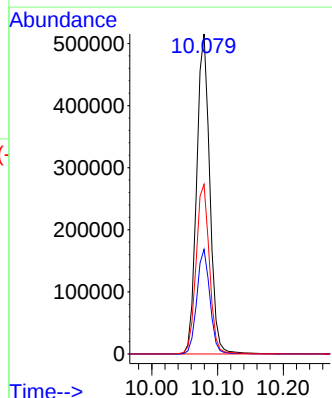
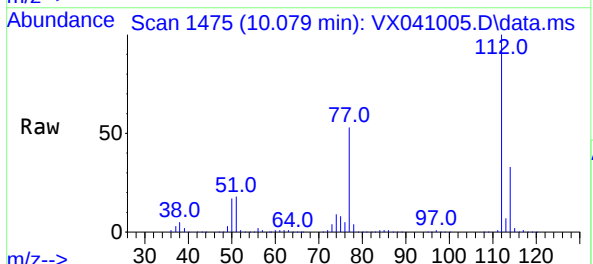
Ion	Ratio	Lower	Upper
43	100		
58	35.5	43.2	64.8#
57	24.8	15.4	23.2#
100	1.2	10.9	16.3#

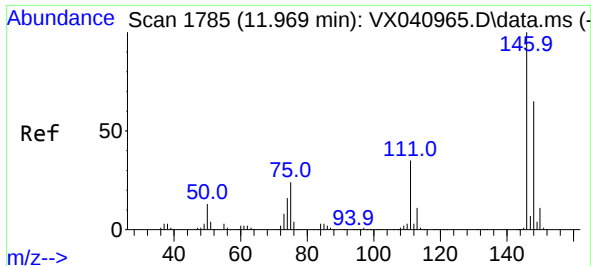


#51
Chlorobenzene
Concen: 151.348 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX041005.D
Acq: 12 Apr 2024 03:00

Tgt Ion: 112 Resp: 711853

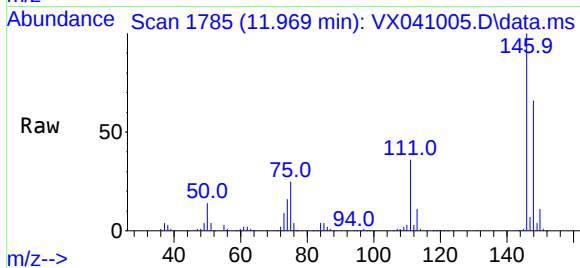
Ion	Ratio	Lower	Upper
112	100		
114	32.7	23.0	42.8
77	53.0	43.4	65.0



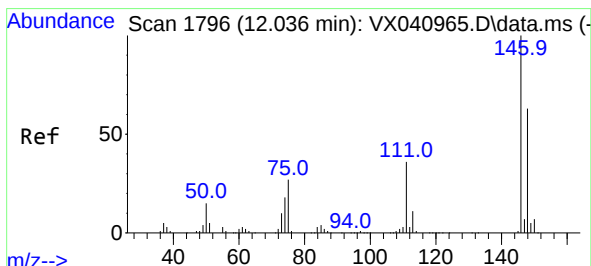
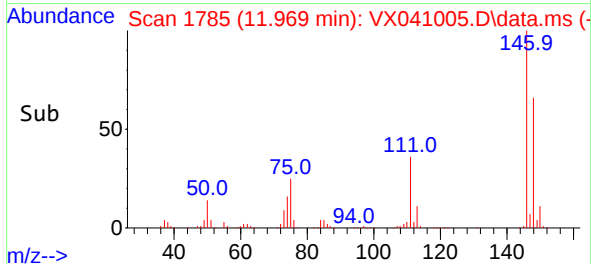
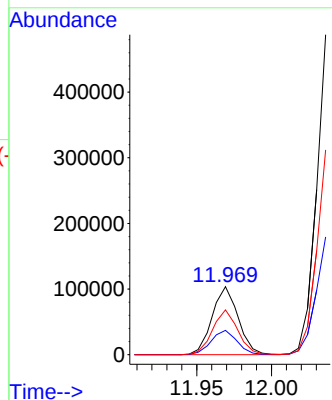


#64
1,3-Dichlorobenzene
Concen: 31.972 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX041005.D
Acq: 12 Apr 2024 03:00

Instrument :
MSVOA_X
ClientSampleId :

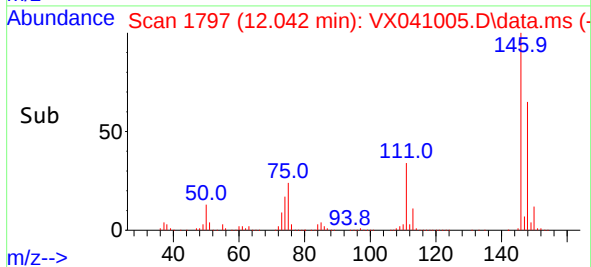
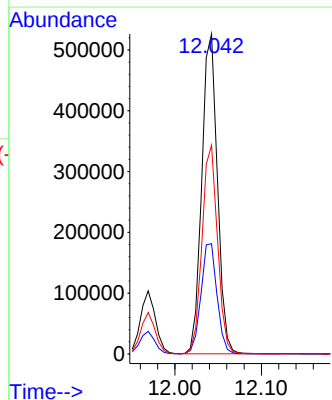
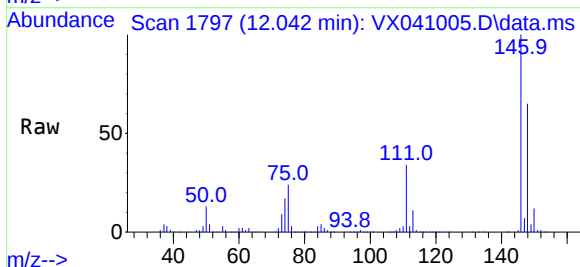


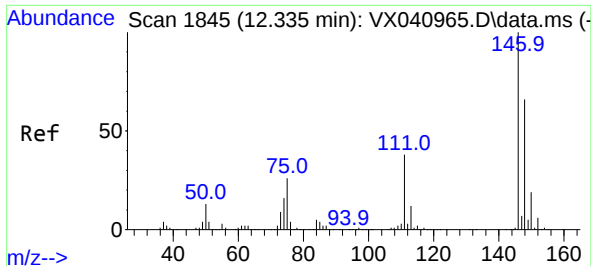
Tgt Ion:146 Resp: 124949
Ion Ratio Lower Upper
146 100
111 35.7 25.3 47.1
148 65.8 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 164.409 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX041005.D
Acq: 12 Apr 2024 03:00

Tgt Ion:146 Resp: 659603
Ion Ratio Lower Upper
146 100
111 34.4 23.4 43.6
148 65.3 44.2 82.0





#67

1,2-Dichlorobenzene

Concen: 194.148 ug/L

RT: 12.335 min Scan# 11

Delta R.T. -0.000 min

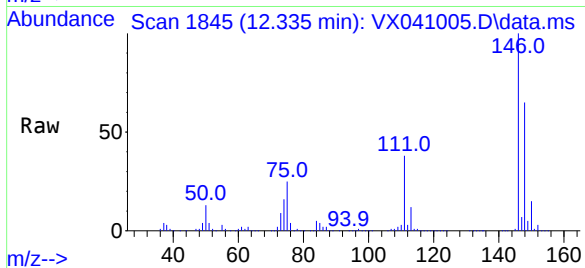
Lab File: VX041005.D

Acq: 12 Apr 2024 03:00

Instrument :

MSVOA_X

ClientSampleId :



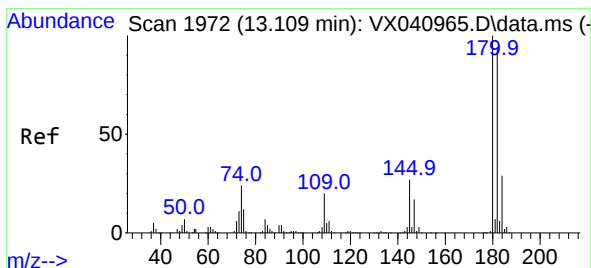
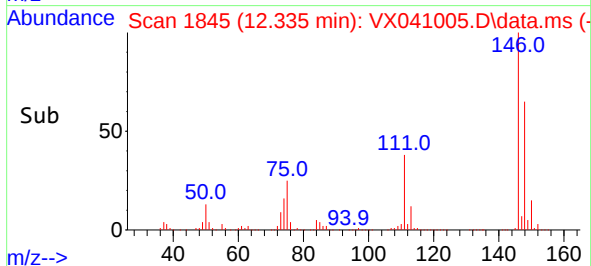
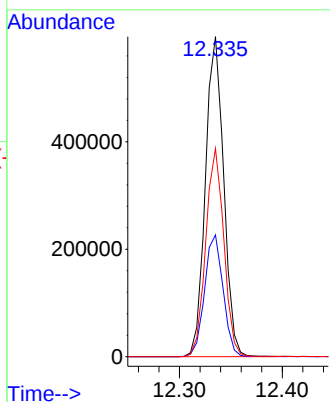
Tgt Ion:146 Resp: 736045

Ion Ratio Lower Upper

146 100

111 38.1 31.8 47.8

148 65.1 53.2 79.8



#69

1,3,5-Trichlorobenzene

Concen: 41.784 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.475 min

Lab File: VX041005.D

Acq: 12 Apr 2024 03:00

Tgt Ion:180 Resp: 125059

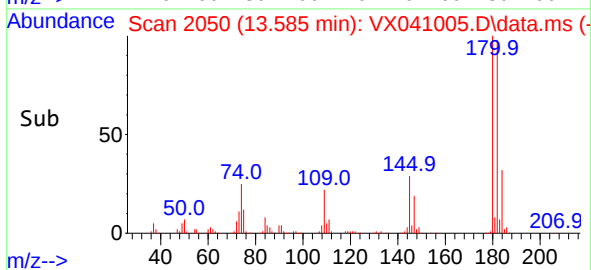
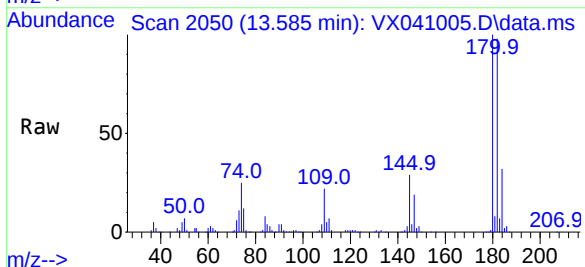
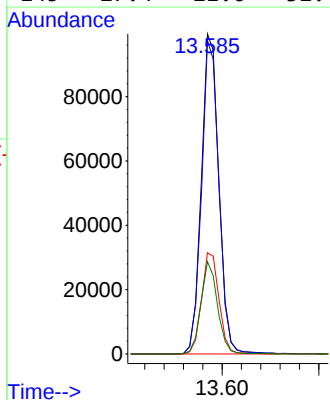
Ion Ratio Lower Upper

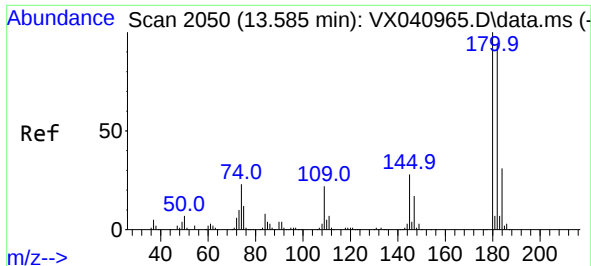
180 100

182 97.2 75.8 113.6

184 31.6 24.4 36.6

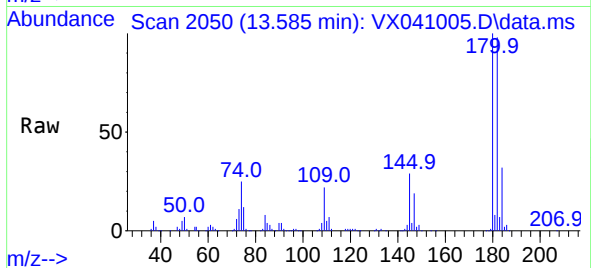
145 27.4 21.6 32.4



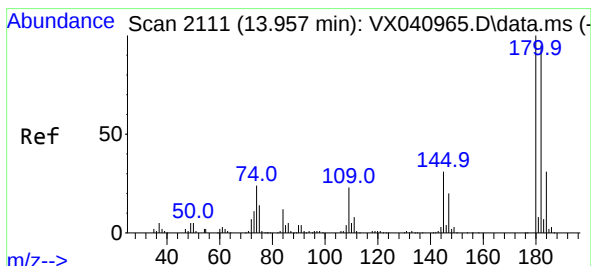
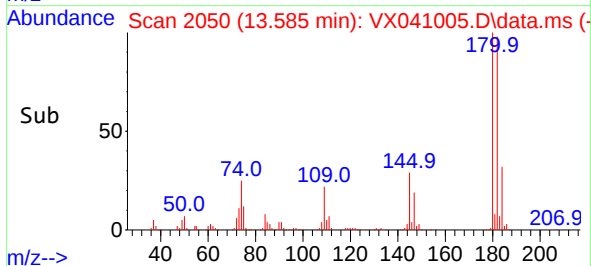
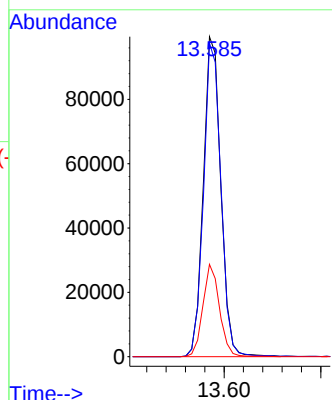


#70
1,2,4-trichlorobenzene
Concen: 44.093 ug/L
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX041005.D
Acq: 12 Apr 2024 03:00

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:180 Resp: 125059
Ion Ratio Lower Upper
180 100
182 97.2 76.8 115.2
145 27.4 22.3 33.5



#72
1,2,3-Trichlorobenzene
Concen: 17.934 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX041005.D
Acq: 12 Apr 2024 03:00

Tgt Ion:180 Resp: 49886
Ion Ratio Lower Upper
180 100
182 94.4 77.0 115.6
145 28.1 23.4 35.2

