

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041823\
 Data File : VX035126.D
 Acq On : 18 Apr 2023 16:28
 Operator : JC/MD
 Sample : 02333-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMF8

Quant Time: Apr 19 00:55:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 19 00:53:18 2023
 Response via : Initial Calibration

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

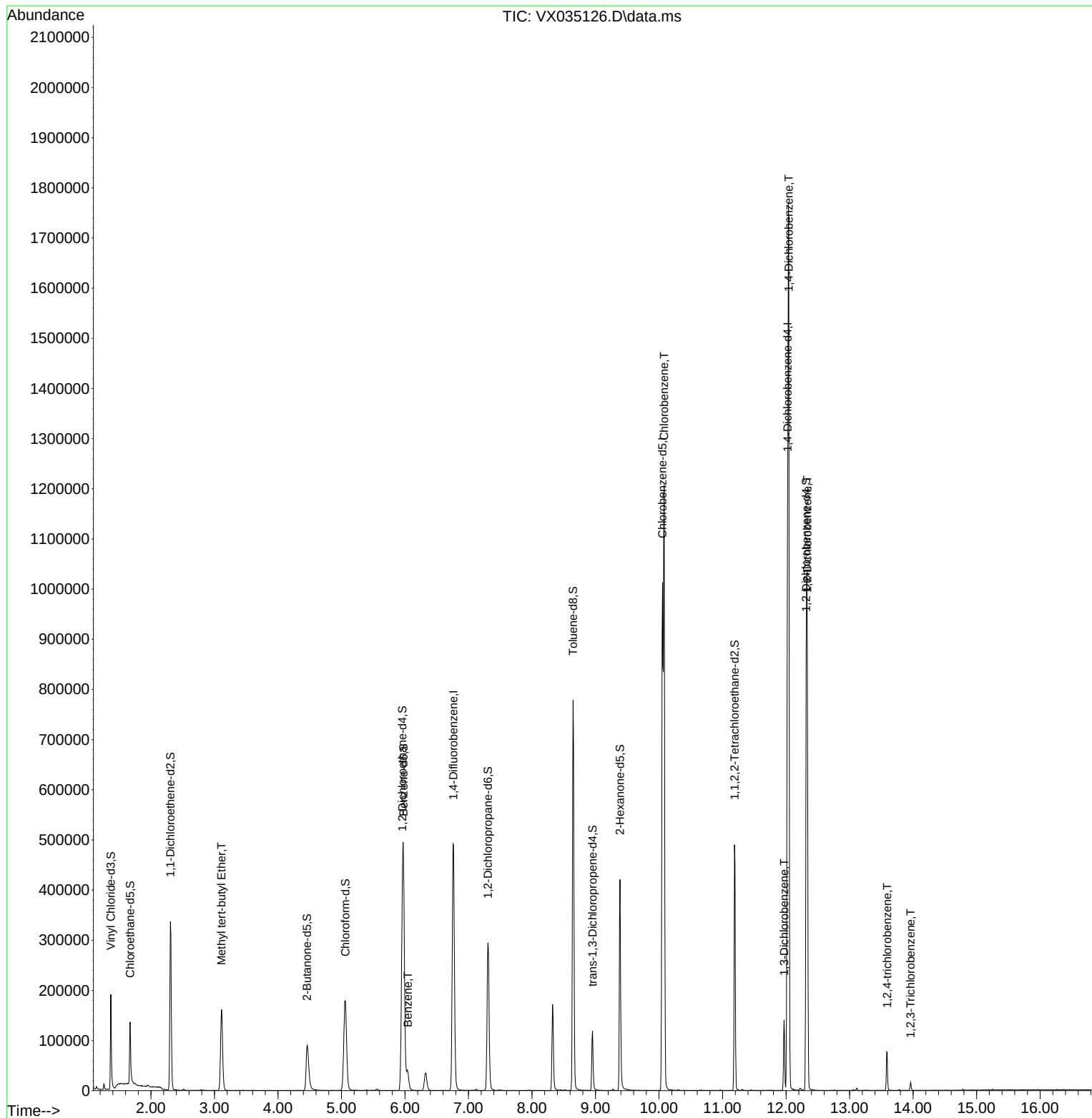
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	516697	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	445874	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	207379	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	122008	36.621	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.240%
7) Chloroethane-d5	1.673	69	89142	37.028	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.060%
11) 1,1-Dichloroethene-d2	2.307	65	60734	38.098	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.200%
21) 2-Butanone-d5	4.459	46	169975	76.558	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	76.560%
24) Chloroform-d	5.062	84	233620	37.235	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.480%
26) 1,2-Dichloroethane-d4	5.958	65	155115	38.499	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.000%
32) Benzene-d6	5.977	84	507192	39.599	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.200%
36) 1,2-Dichloropropane-d6	7.306	67	154096	39.386	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	78.780%
41) Toluene-d8	8.647	98	457879	39.116	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.240%#
43) trans-1,3-Dichloroprop...	8.952	79	54412	31.823	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.640%
47) 2-Hexanone-d5	9.385	63	120942	76.977	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.980%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	186825	38.991	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	77.980%
66) 1,2-Dichlorobenzene-d4	12.317	152	158228	39.372	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.740%#
Target Compounds						
					Qvalue	
18) Methyl tert-butyl Ether	3.111	73	175073	15.926	ug/L	99
33) Benzene	6.044	78	44531	3.298	ug/L	100
51) Chlorobenzene	10.080	112	514941	55.793	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	44807	6.967	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	538600	81.843	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	247639	37.976	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	18963	5.094	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	3689	1.004	ug/L	87

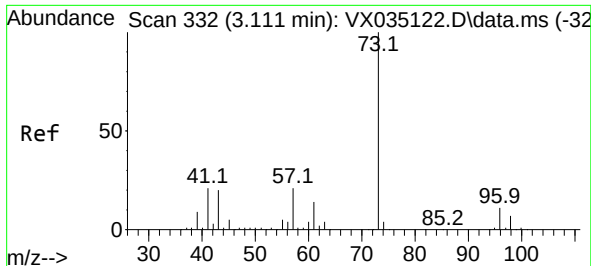
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 19 00:55:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 19 00:53:18 2023
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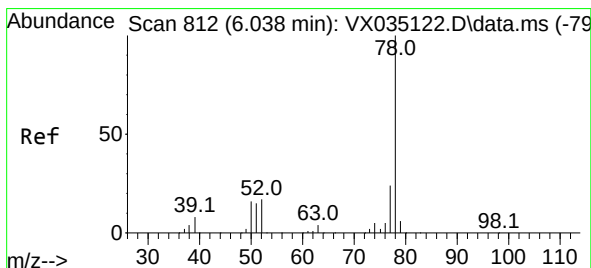
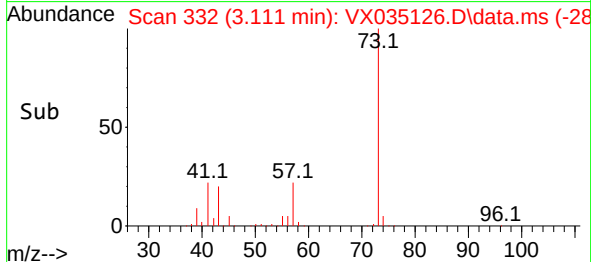
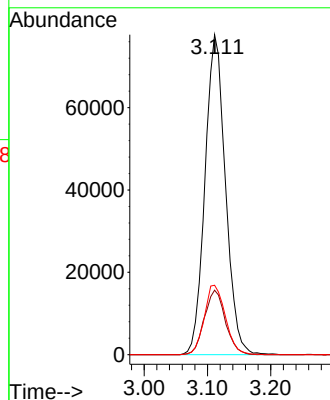
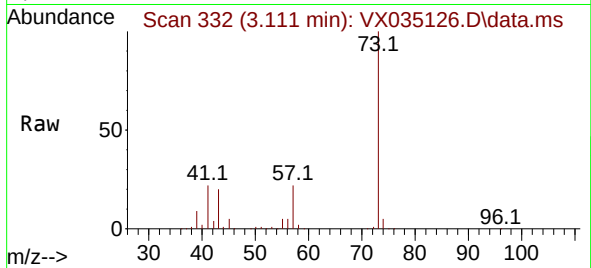




#18
Methyl tert-butyl Ether
Concen: 15.926 ug/L
RT: 3.111 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX035126.D
Acq: 18 Apr 2023 16:28

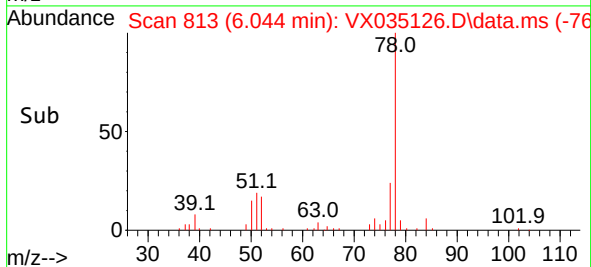
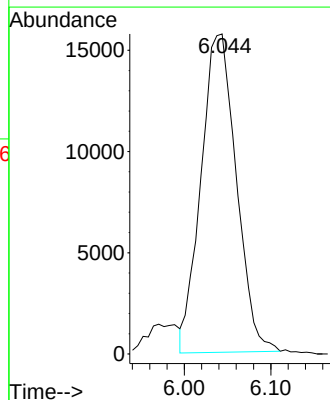
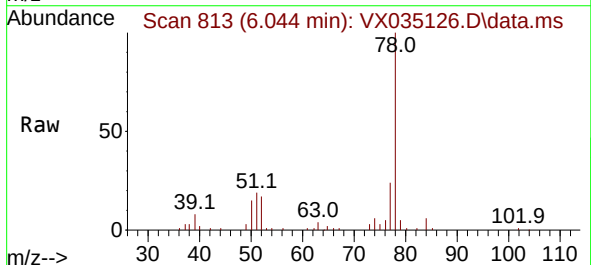
Instrument :
MSVOA_X
ClientSampleId :
COMF8

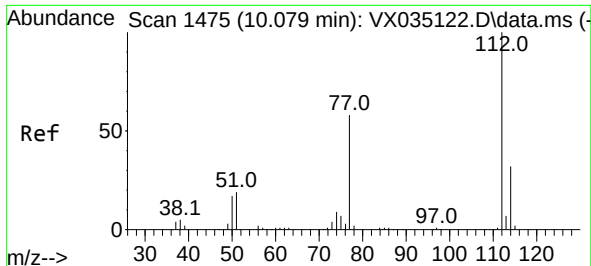
Tgt Ion: 73 Resp: 175073
Ion Ratio Lower Upper
73 100
43 20.7 16.6 25.0
57 22.4 17.5 26.3



#33
Benzene
Concen: 3.298 ug/L
RT: 6.044 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX035126.D
Acq: 18 Apr 2023 16:28

Tgt Ion: 78 Resp: 44531

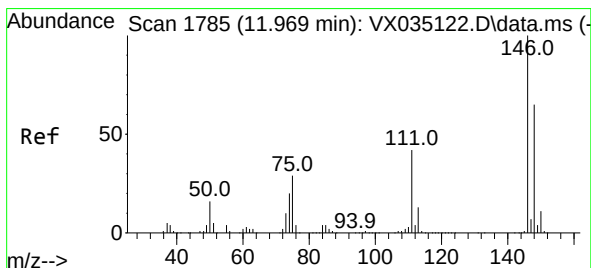
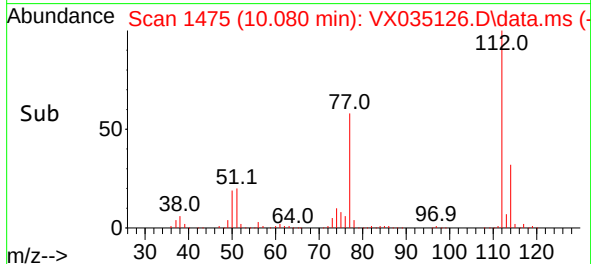
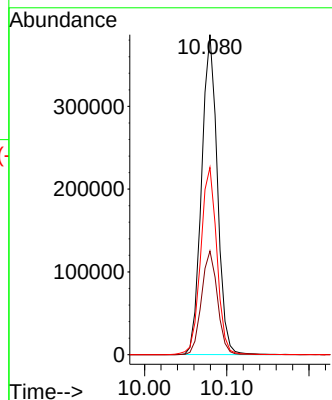
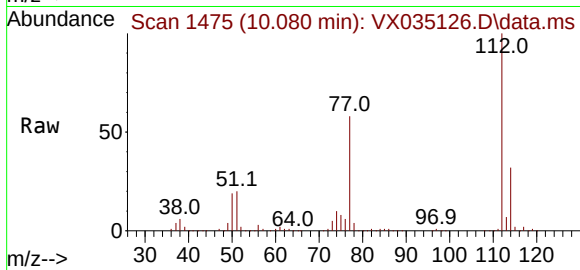




#51
Chlorobenzene
Concen: 55.793 ug/L
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035126.D
Acq: 18 Apr 2023 16:28

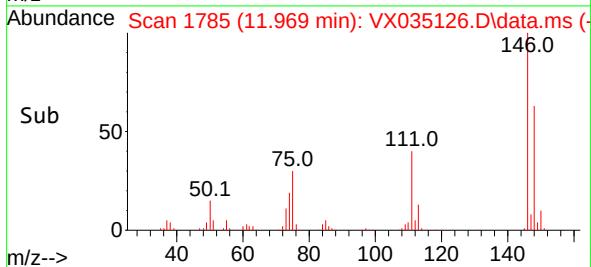
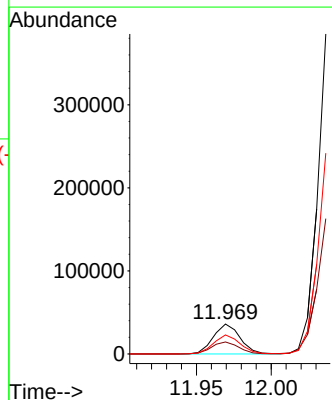
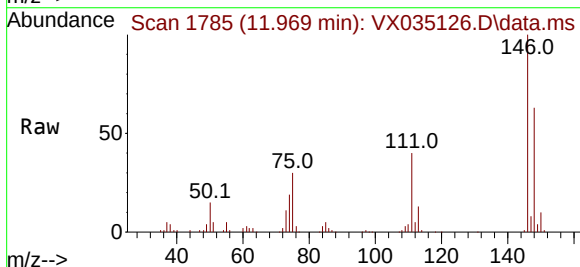
Instrument :
MSVOA_X
ClientSampleId :
COMF8

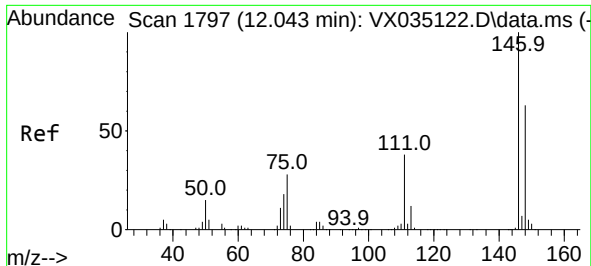
Tgt Ion:112 Resp: 514941
Ion Ratio Lower Upper
112 100
114 32.4 22.4 41.6
77 58.5 47.0 70.6



#64
1,3-Dichlorobenzene
Concen: 6.967 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX035126.D
Acq: 18 Apr 2023 16:28

Tgt Ion:146 Resp: 44807
Ion Ratio Lower Upper
146 100
111 39.8 28.9 53.7
148 63.4 44.3 82.3





#65

1,4-Dichlorobenzene

Concen: 81.843 ug/L

RT: 12.043 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035126.D

Acq: 18 Apr 2023 16:28

Instrument :

MSVOA_X

ClientSampleId :

COMF8

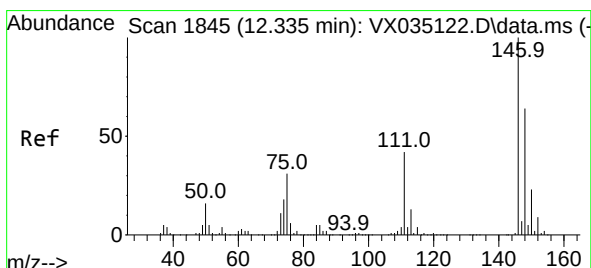
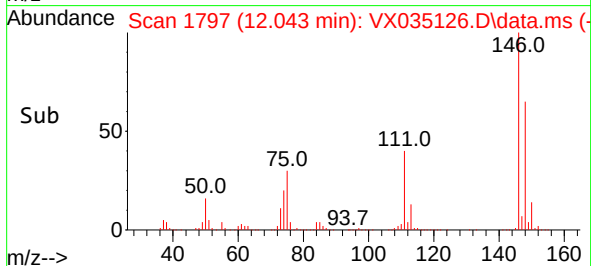
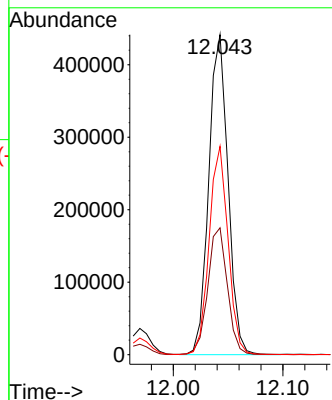
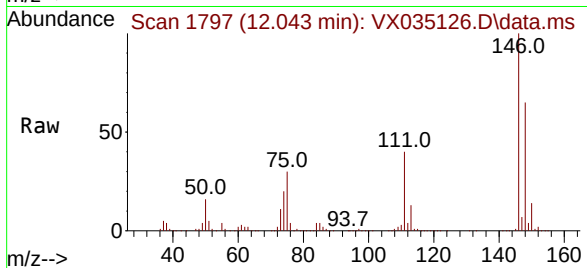
Tgt Ion:146 Resp: 538600

Ion Ratio Lower Upper

146 100

111 39.6 27.9 51.7

148 65.1 45.9 85.3



#67

1,2-Dichlorobenzene

Concen: 37.976 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX035126.D

Acq: 18 Apr 2023 16:28

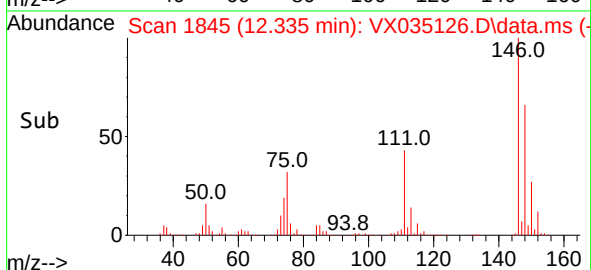
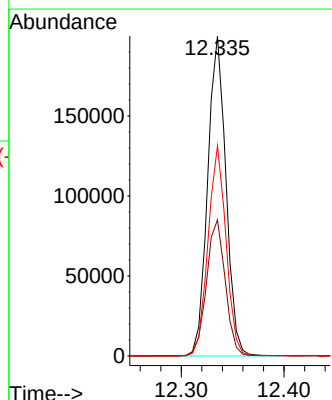
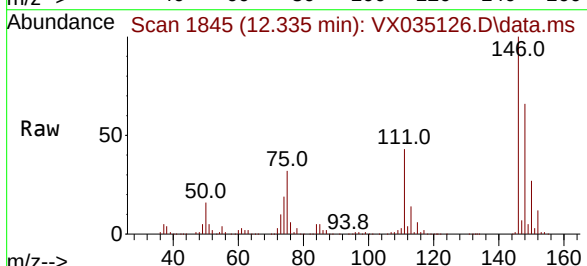
Tgt Ion:146 Resp: 247639

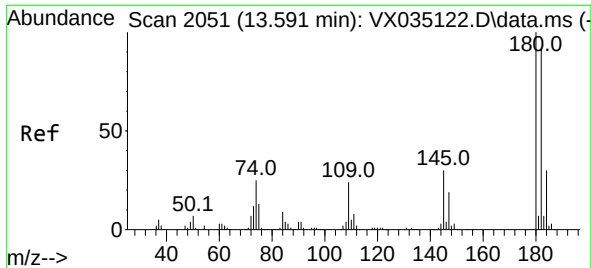
Ion Ratio Lower Upper

146 100

111 42.6 34.7 52.1

148 65.7 52.1 78.1

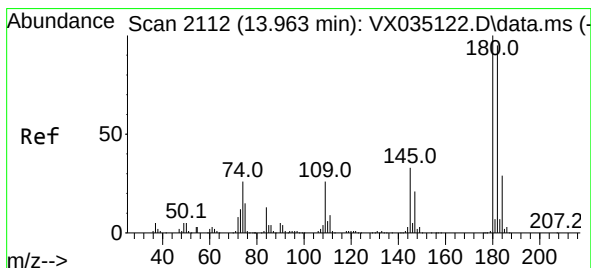
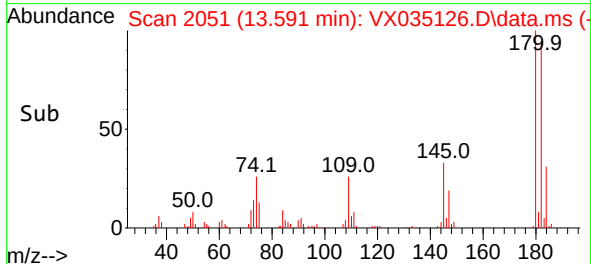
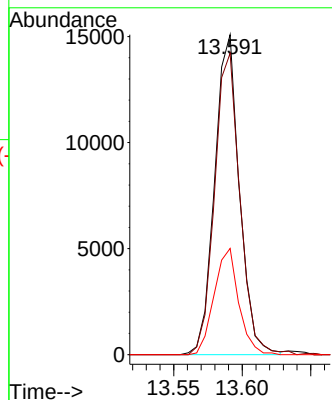
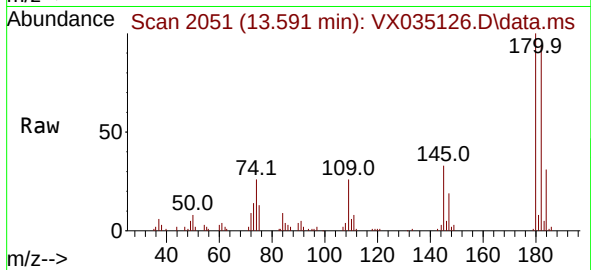




#70
1,2,4-trichlorobenzene
Concen: 5.094 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX035126.D
Acq: 18 Apr 2023 16:28

Instrument :
MSVOA_X
ClientSampleId :
COMF8

Tgt Ion:180 Resp: 18963
Ion Ratio Lower Upper
180 100
182 96.0 76.6 114.8
145 32.9 26.2 39.4



#72
1,2,3-Trichlorobenzene
Concen: 1.004 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX035126.D
Acq: 18 Apr 2023 16:28

Tgt Ion:180 Resp: 3689
Ion Ratio Lower Upper
180 100
182 107.3 75.0 112.6
145 39.7 27.1 40.7

