

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122821\
 Data File : VX026111.D
 Acq On : 28 Dec 2021 20:46
 Operator : JC/MD
 Sample : M5216-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COHB3

Quant Time: Dec 29 04:33:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 29 04:20:17 2021
 Response via : Initial Calibration

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

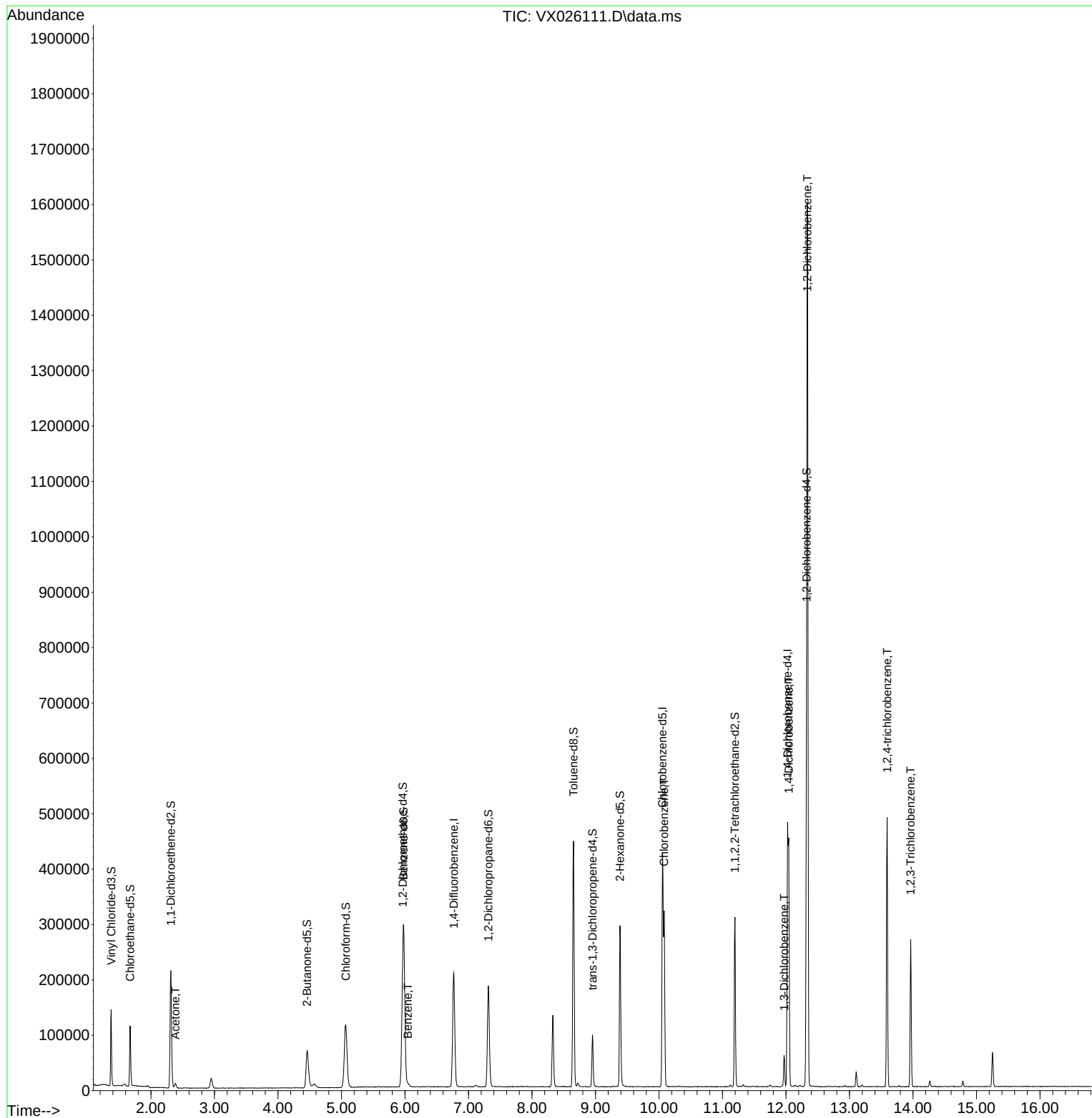
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	202085	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	177897	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	82530	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	82796	52.787	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	105.580%	
7) Chloroethane-d5	1.673	69	62939	55.199	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	110.400%	
11) 1,1-Dichloroethene-d2	2.313	63	119046	41.581	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	83.160%	
21) 2-Butanone-d5	4.459	46	118164	109.026	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	109.030%	
24) Chloroform-d	5.068	84	138074	51.835	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	103.680%	
26) 1,2-Dichloroethane-d4	5.964	65	93472	54.134	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	108.260%	
32) Benzene-d6	5.977	84	276392	53.889	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	107.780%	
36) 1,2-Dichloropropane-d6	7.312	67	85121	53.649	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	107.300%	
41) Toluene-d8	8.653	98	247386	52.888	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	105.780%	
43) trans-1,3-Dichloroprop...	8.952	79	39581	51.104	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	102.200%	
47) 2-Hexanone-d5	9.385	63	80599	108.921	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	108.920%	
56) 1,1,2,2-Tetrachloroeth...	11.195	84	111281	52.699	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	105.400%	
66) 1,2-Dichlorobenzene-d4	12.323	152	87811	55.778	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	111.560%	
Target Compounds						Qvalue
13) Acetone	2.386	43	9592	9.345	ug/L	95
33) Benzene	6.044	78	6177	1.176	ug/L	100
51) Chlorobenzene	10.080	112	120988	35.078	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	16511	6.830	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	120586	48.684	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	427245	177.405	ug/L	97
70) 1,2,4-trichlorobenzene	13.591	180	105544	71.376	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	56908	37.926	ug/L	100

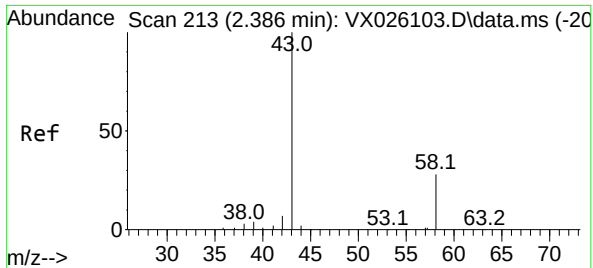
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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#13

Acetone

Concen: 9.345 ug/L

RT: 2.386 min Scan# 213

Delta R.T. 0.000 min

Lab File: VX026111.D

Acq: 28 Dec 2021 20:46

Instrument :

MSVOA_X

ClientSampleId :

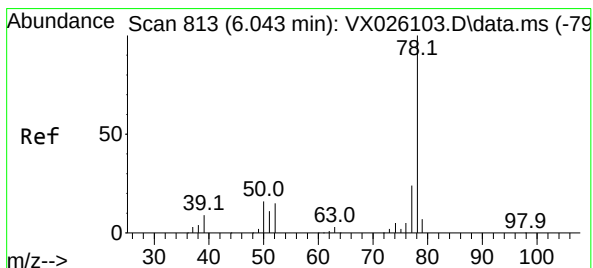
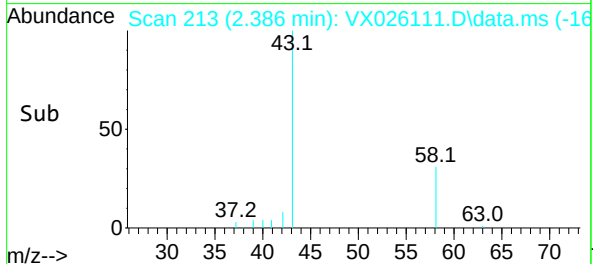
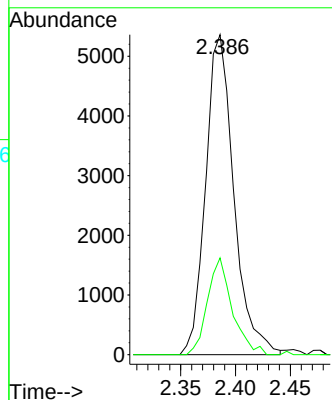
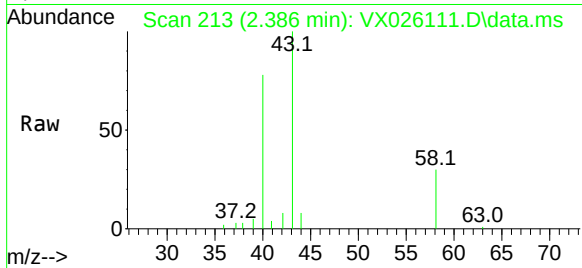
COHB3

Tgt Ion: 43 Resp: 9592

Ion Ratio Lower Upper

43 100

58 26.5 0.0 58.2



#33

Benzene

Concen: 1.176 ug/L

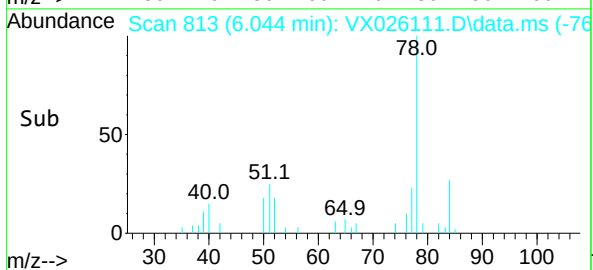
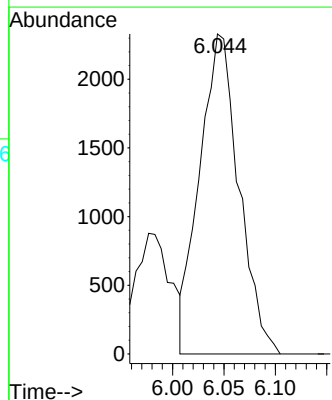
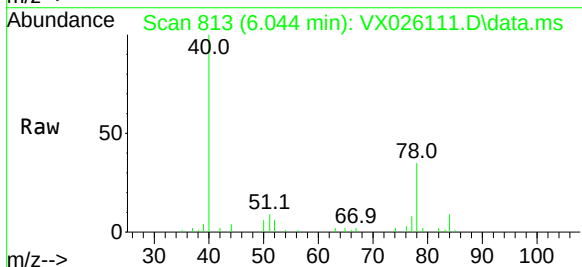
RT: 6.044 min Scan# 813

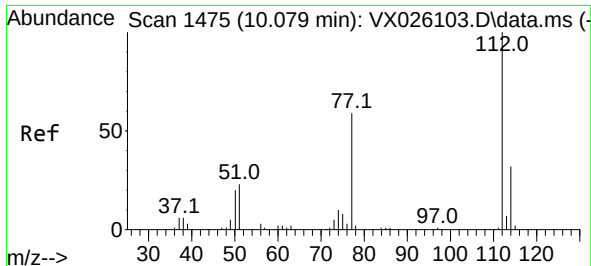
Delta R.T. 0.000 min

Lab File: VX026111.D

Acq: 28 Dec 2021 20:46

Tgt Ion: 78 Resp: 6177

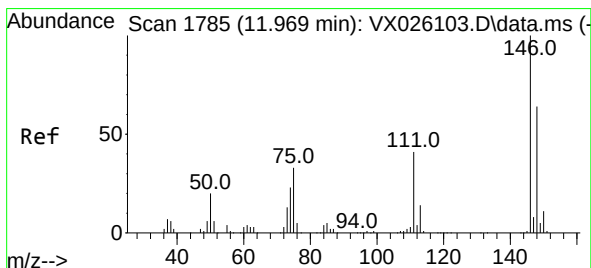
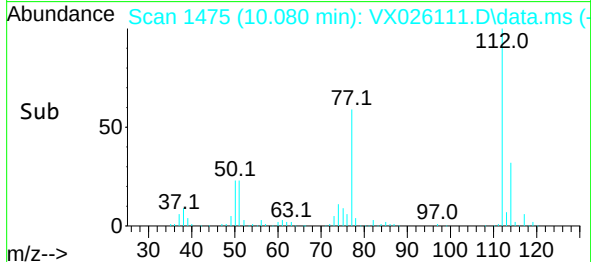
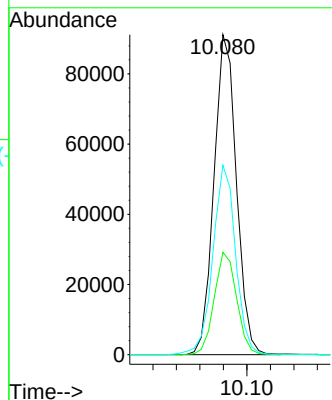
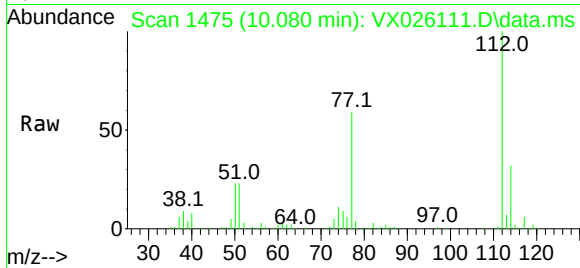




#51
Chlorobenzene
Concen: 35.078 ug/L
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX026111.D
Acq: 28 Dec 2021 20:46

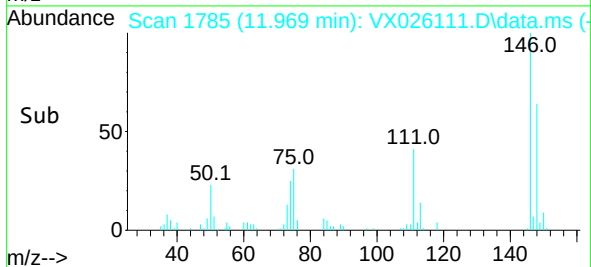
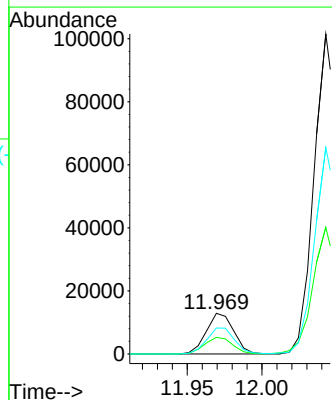
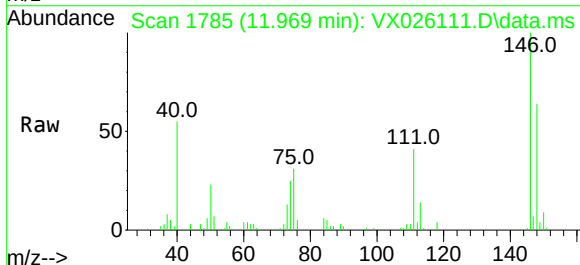
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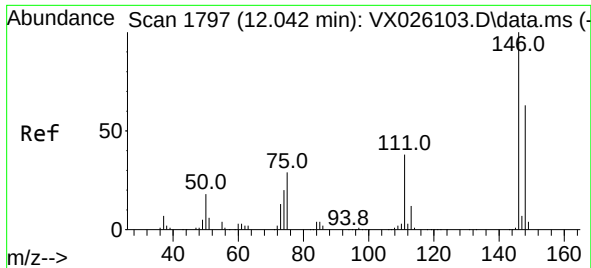
Tgt Ion:112 Resp: 120988
Ion Ratio Lower Upper
112 100
114 32.0 22.2 41.2
77 59.2 47.8 71.8



#64
1,3-Dichlorobenzene
Concen: 6.830 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX026111.D
Acq: 28 Dec 2021 20:46

Tgt Ion:146 Resp: 16511
Ion Ratio Lower Upper
146 100
111 41.0 29.4 54.6
148 63.8 45.1 83.9

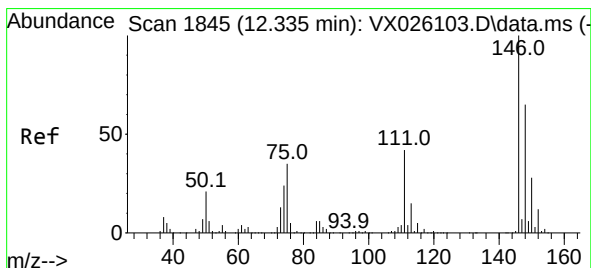
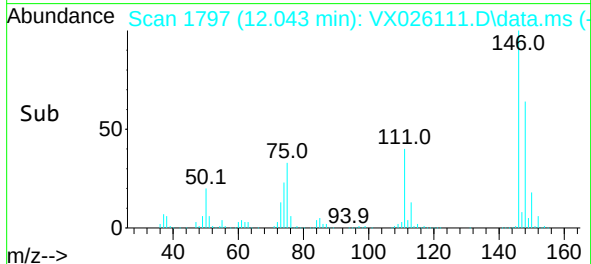
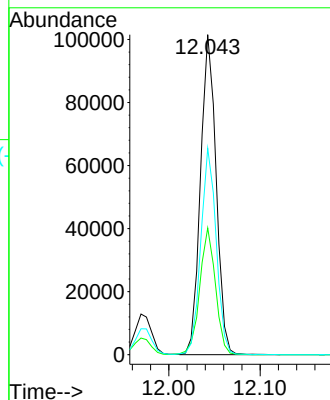
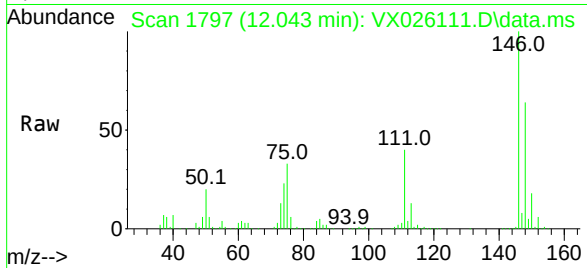




#65
1,4-Dichlorobenzene
Concen: 48.684 ug/L
RT: 12.043 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026111.D
Acq: 28 Dec 2021 20:46

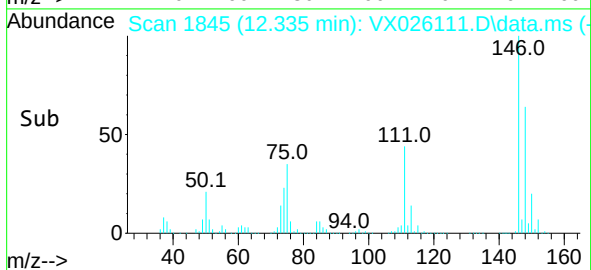
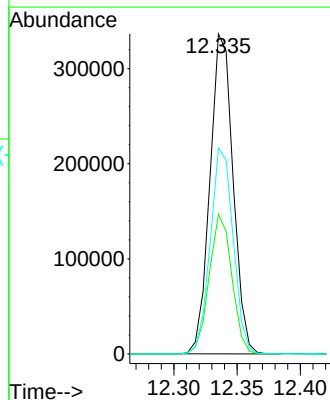
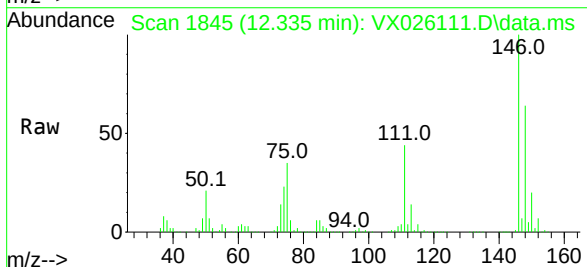
Instrument :
MSVOA_X
ClientSampleId :
COHB3

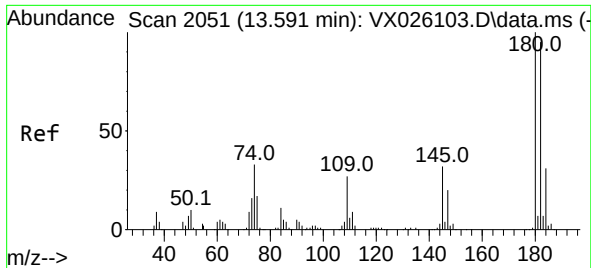
Tgt Ion:146 Resp: 120586
Ion Ratio Lower Upper
146 100
111 39.6 27.4 51.0
148 64.5 44.3 82.3



#67
1,2-Dichlorobenzene
Concen: 177.405 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX026111.D
Acq: 28 Dec 2021 20:46

Tgt Ion:146 Resp: 427245
Ion Ratio Lower Upper
146 100
111 43.7 33.1 49.7
148 64.3 49.6 74.4

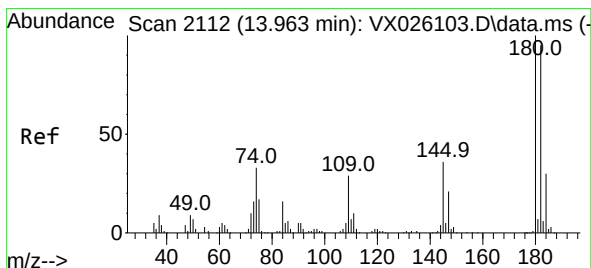
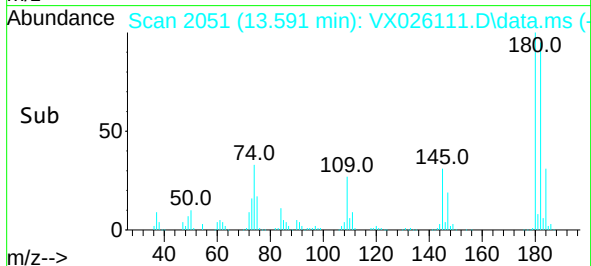
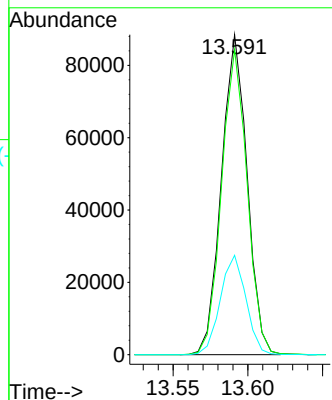
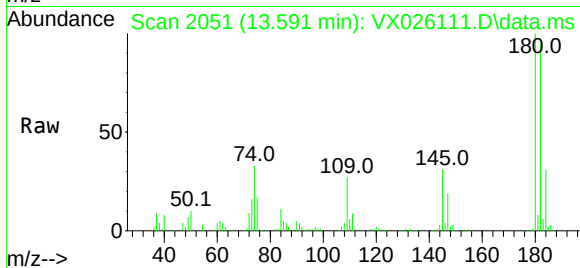




#70
1,2,4-trichlorobenzene
Concen: 71.376 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX026111.D
Acq: 28 Dec 2021 20:46

Instrument :
MSVOA_X
ClientSampleId :
COHB3

Tgt Ion:180 Resp: 105544
Ion Ratio Lower Upper
180 100
182 94.8 74.8 112.2
145 31.0 24.9 37.3



#72
1,2,3-Trichlorobenzene
Concen: 37.926 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX026111.D
Acq: 28 Dec 2021 20:46

Tgt Ion:180 Resp: 56908
Ion Ratio Lower Upper
180 100
182 95.6 76.6 115.0
145 33.3 26.6 39.8

