

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042023\
 Data File : VX035213.D
 Acq On : 20 Apr 2023 14:16
 Operator : JC/MD
 Sample : 02378-13DL 40X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMK6DL

Quant Time: Apr 20 23:29:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 20 23:27:37 2023
 Response via : Initial Calibration

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

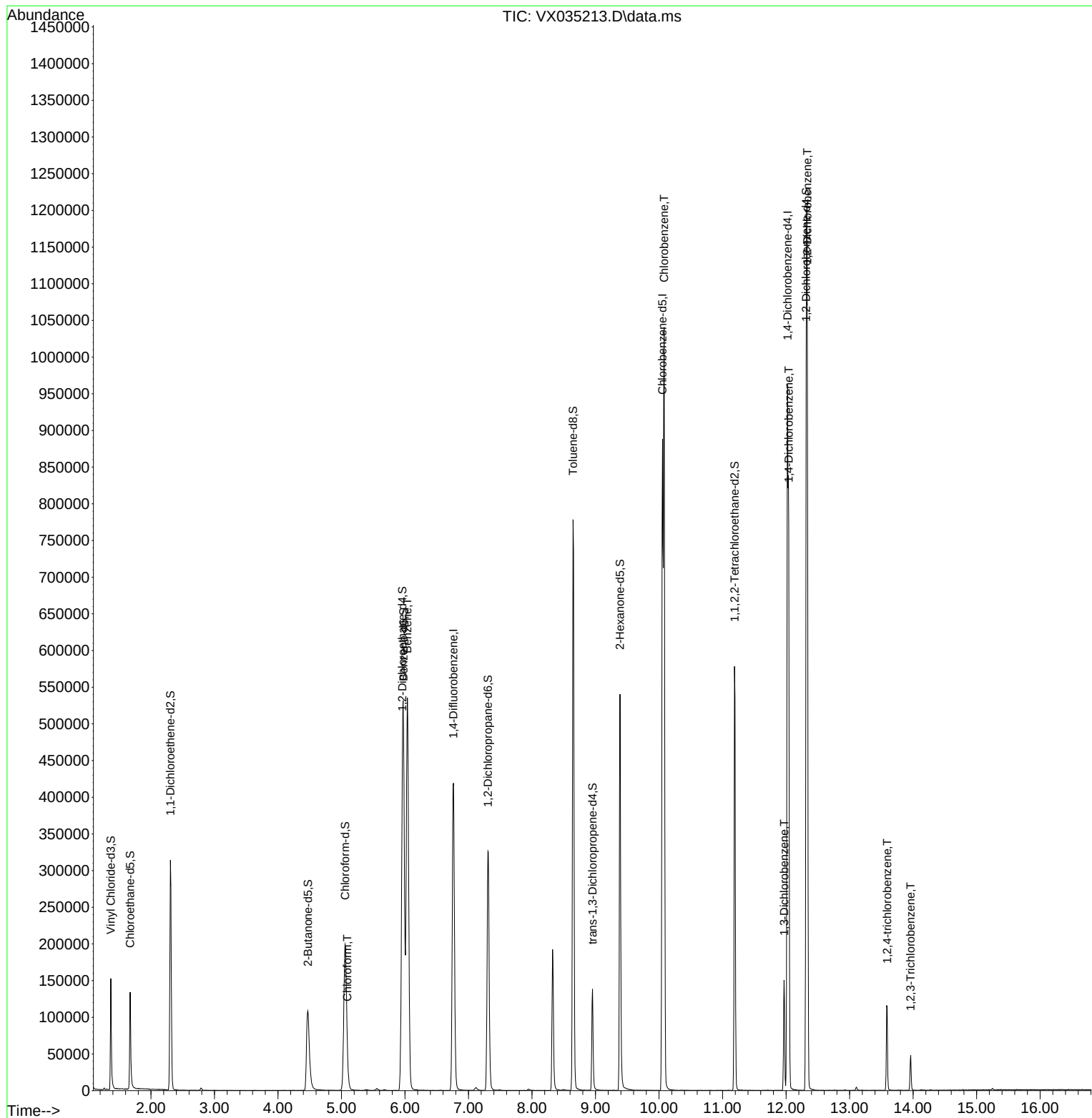
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	445385	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	387087	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	187573	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	103764	36.132	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.260%
7) Chloroethane-d5	1.672	69	89442	43.101	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.200%
11) 1,1-Dichloroethene-d2	2.306	65	54891	39.946	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.900%
21) 2-Butanone-d5	4.471	46	224767	117.446	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.450%
24) Chloroform-d	5.056	84	257536	47.619	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.240%
26) 1,2-Dichloroethane-d4	5.958	65	176273	50.755	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.500%
32) Benzene-d6	5.976	84	534479	48.067	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.140%
36) 1,2-Dichloropropane-d6	7.305	67	170657	50.243	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.480%
41) Toluene-d8	8.647	98	462610	45.522	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.040%
43) trans-1,3-Dichloroprop...	8.951	79	64447	43.417	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.840%
47) 2-Hexanone-d5	9.384	63	157402	115.398	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.400%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	225402	54.186	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.380%
66) 1,2-Dichlorobenzene-d4	12.317	152	182395	50.178	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.360%
Target Compounds						
					Qvalue	
25) Chloroform	5.092	83	17146	3.202	ug/L	97
33) Benzene	6.037	78	651985	55.619	ug/L	100
51) Chlorobenzene	10.079	112	450237	56.191	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	48132	8.274	ug/L	100
65) 1,4-Dichlorobenzene	12.042	146	237439	39.890	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	300349	50.922	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	29198	8.671	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	11463	3.448	ug/L	98

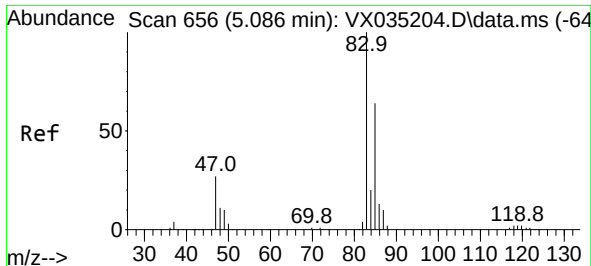
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Apr 20 23:27:37 2023
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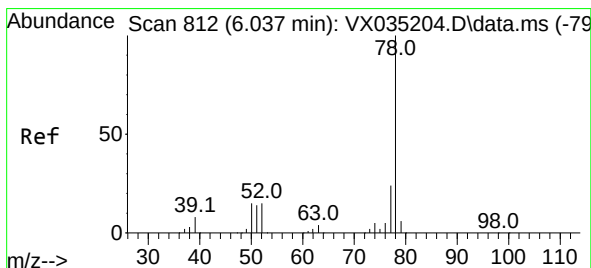
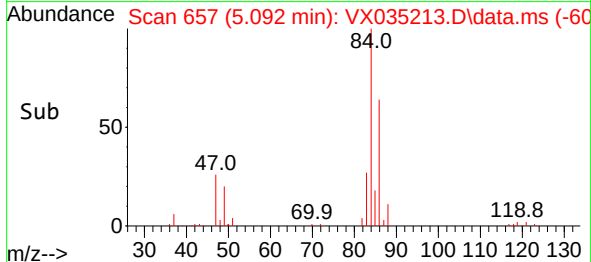
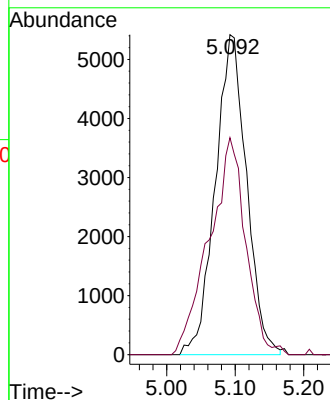
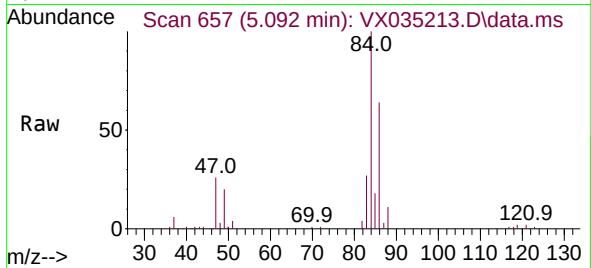




#25
Chloroform
Concen: 3.202 ug/L
RT: 5.092 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX035213.D
Acq: 20 Apr 2023 14:16

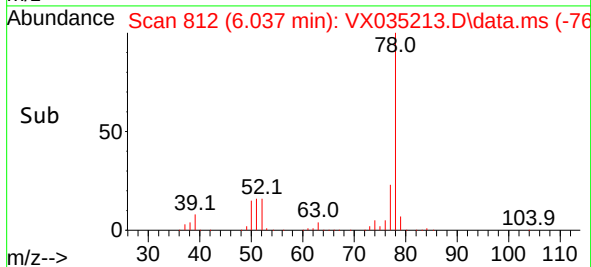
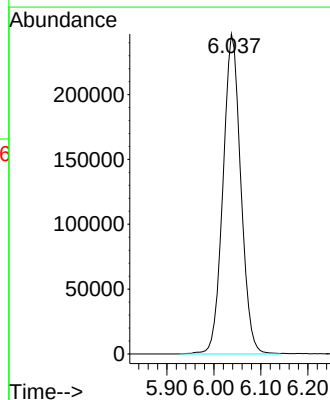
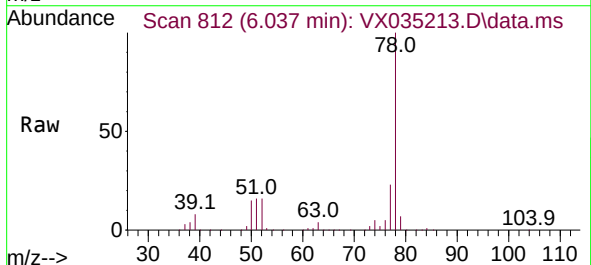
Instrument :
MSVOA_X
ClientSampleId :
COMK6DL

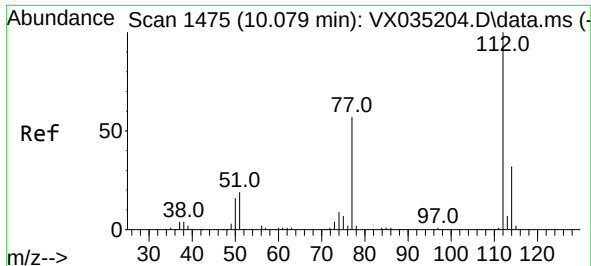
Tgt Ion: 83 Resp: 17146
Ion Ratio Lower Upper
83 100
85 67.8 46.0 85.4



#33
Benzene
Concen: 55.619 ug/L
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX035213.D
Acq: 20 Apr 2023 14:16

Tgt Ion: 78 Resp: 651985

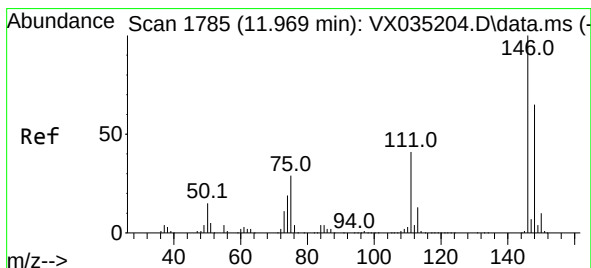
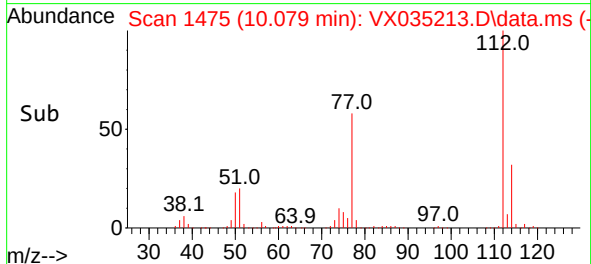
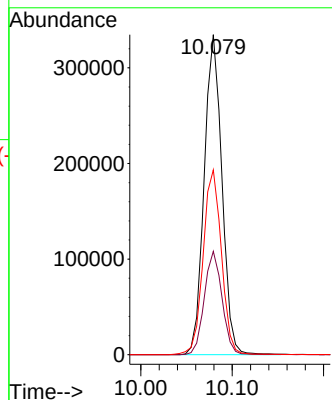
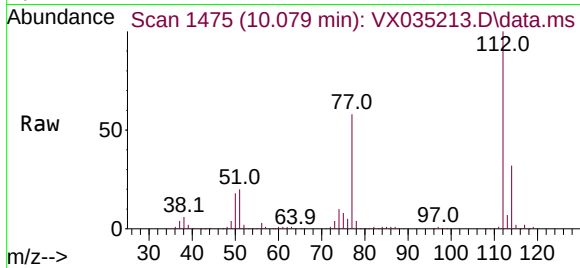




#51
Chlorobenzene
Concen: 56.191 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX035213.D
Acq: 20 Apr 2023 14:16

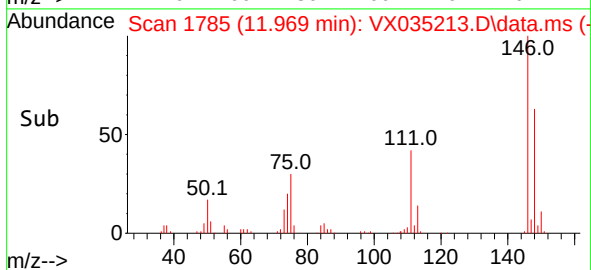
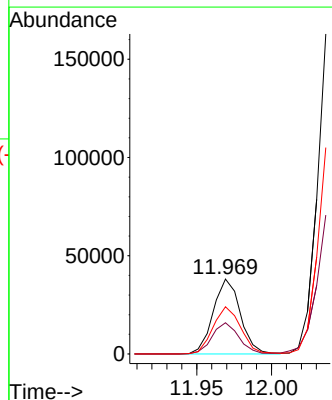
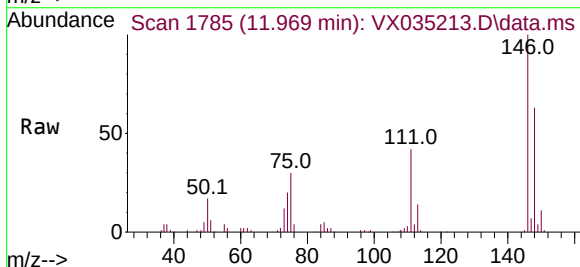
Instrument :
MSVOA_X
ClientSampleId :
COMK6DL

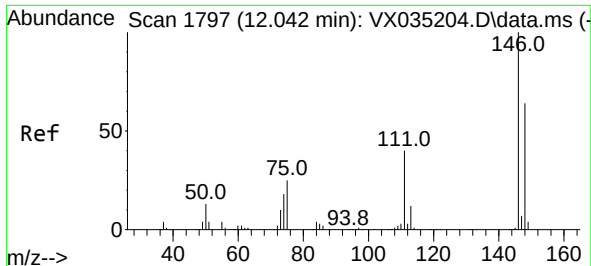
Tgt Ion:112 Resp: 450237
Ion Ratio Lower Upper
112 100
114 32.3 22.4 41.6
77 57.7 47.0 70.6



#64
1,3-Dichlorobenzene
Concen: 8.274 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX035213.D
Acq: 20 Apr 2023 14:16

Tgt Ion:146 Resp: 48132
Ion Ratio Lower Upper
146 100
111 41.8 28.9 53.7
148 63.2 44.3 82.3





#65

1,4-Dichlorobenzene

Concen: 39.890 ug/L

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX035213.D

Acq: 20 Apr 2023 14:16

Instrument :

MSVOA_X

ClientSampleId :

COMK6DL

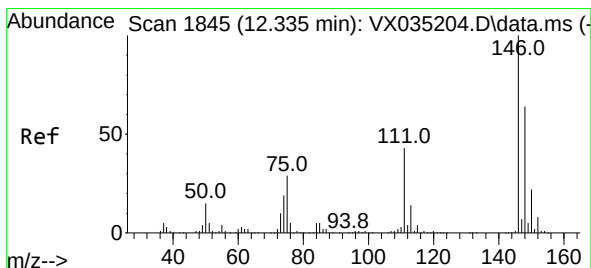
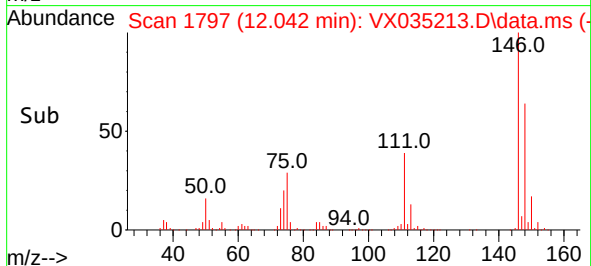
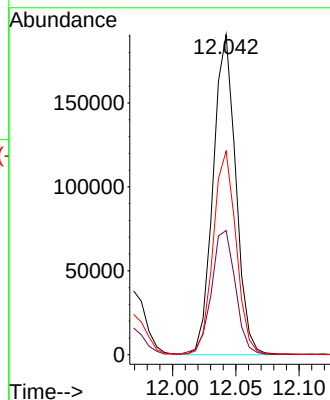
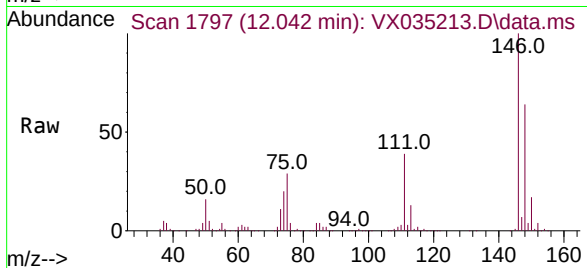
Tgt Ion:146 Resp: 237439

Ion Ratio Lower Upper

146 100

111 38.8 27.9 51.7

148 63.6 45.9 85.3



#67

1,2-Dichlorobenzene

Concen: 50.922 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX035213.D

Acq: 20 Apr 2023 14:16

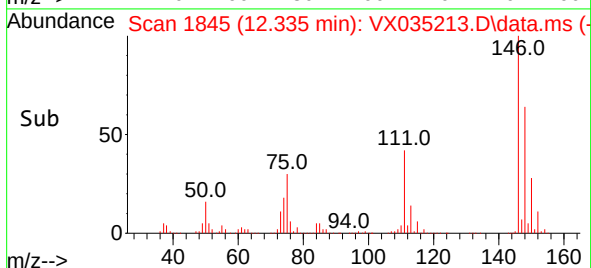
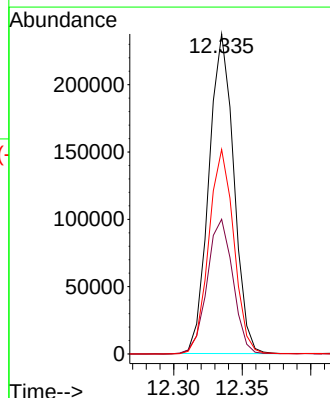
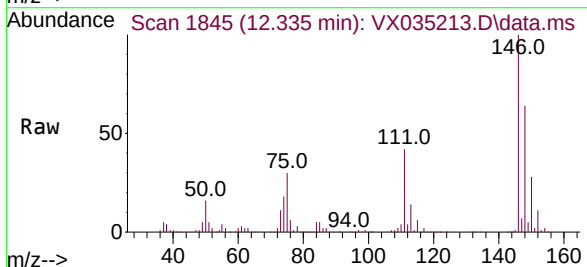
Tgt Ion:146 Resp: 300349

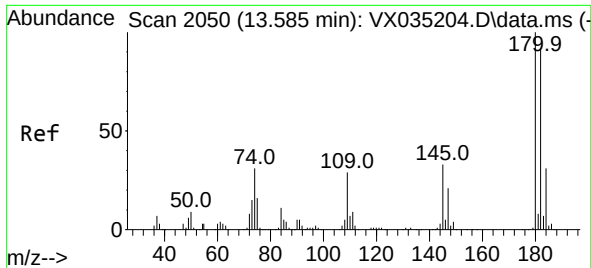
Ion Ratio Lower Upper

146 100

111 42.1 34.7 52.1

148 63.9 52.1 78.1

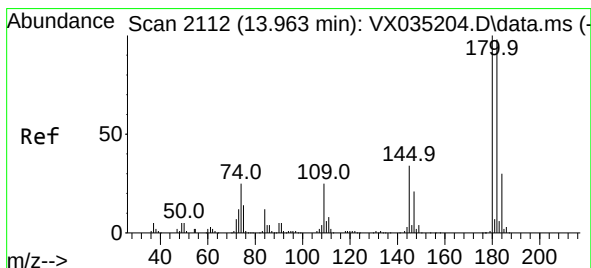
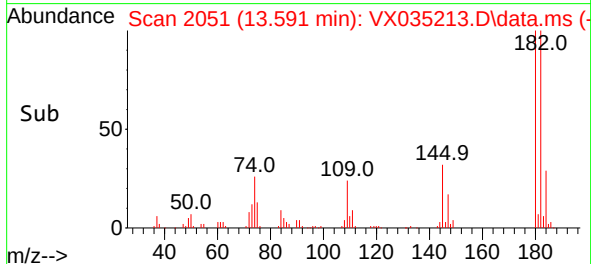
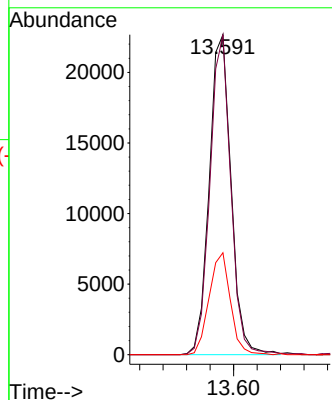
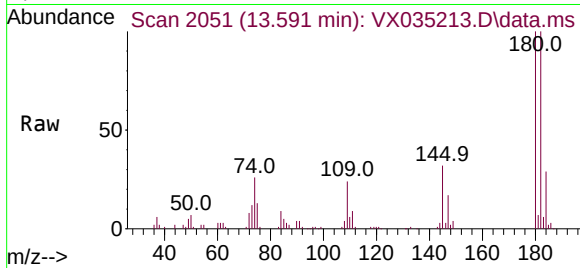




#70
1,2,4-trichlorobenzene
Concen: 8.671 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX035213.D
Acq: 20 Apr 2023 14:16

Instrument :
MSVOA_X
ClientSampleId :
COMK6DL

Tgt Ion:180 Resp: 29198
Ion Ratio Lower Upper
180 100
182 95.2 76.6 114.8
145 31.1 26.2 39.4



#72
1,2,3-Trichlorobenzene
Concen: 3.448 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX035213.D
Acq: 20 Apr 2023 14:16

Tgt Ion:180 Resp: 11463
Ion Ratio Lower Upper
180 100
182 94.9 75.0 112.6
145 36.1 27.1 40.7

