

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042023\
 Data File : VX035206.D
 Acq On : 20 Apr 2023 11:06
 Operator : JC/MD
 Sample : 02333-13DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 20 23:28:11 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)

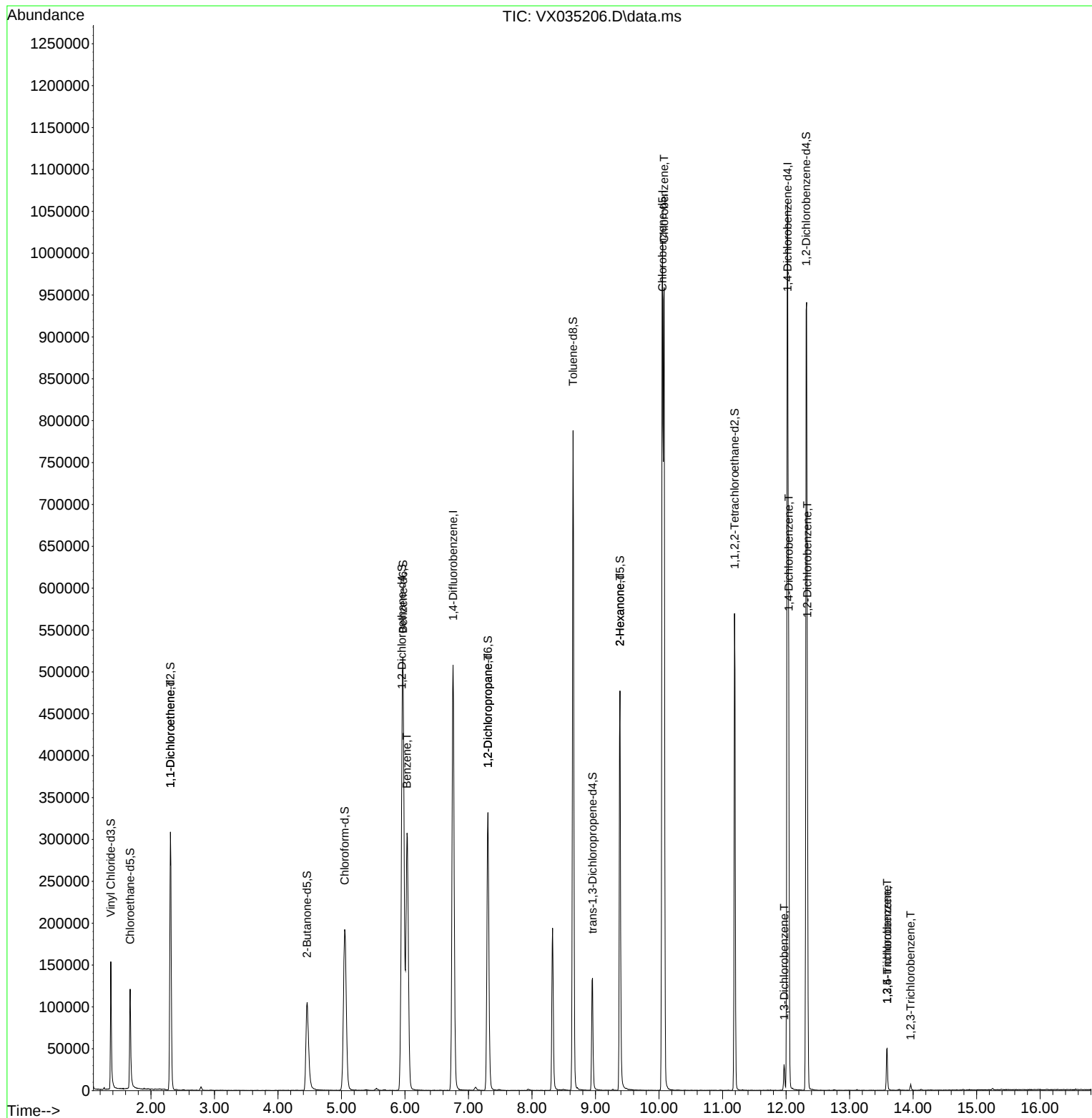
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	532774	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	463208	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	221033	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	104794	30.505	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	61.000%
7) Chloroethane-d5	1.672	69	85266	34.349	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	68.700%#
11) 1,1-Dichloroethene-d2	2.306	65	54523	33.170	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.340%
21) 2-Butanone-d5	4.458	46	200513	87.587	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.590%
24) Chloroform-d	5.050	84	251204	38.829	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.660%
26) 1,2-Dichloroethane-d4	5.952	65	169375	40.769	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.540%
32) Benzene-d6	5.970	84	521826	39.217	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.440%
36) 1,2-Dichloropropane-d6	7.305	67	168821	41.535	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.060%
41) Toluene-d8	8.647	98	460613	37.877	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.760%#
43) trans-1,3-Dichloroprop...	8.951	79	65485	36.866	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.740%
47) 2-Hexanone-d5	9.384	63	139824	85.665	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.660%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	214208	43.033	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.060%
66) 1,2-Dichlorobenzene-d4	12.317	152	180875	42.227	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.460%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.306	96	1532	0.481	ug/L #	1
33) Benzene	6.031	78	379124	27.027	ug/L	100
37) 1,2-Dichloropropane	7.305	63	18406	4.984	ug/L #	86
48) 2-Hexanone	9.384	43	15846	4.287	ug/L #	70
51) Chlorobenzene	10.079	112	428269	44.666	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	10667	1.556	ug/L	88
65) 1,4-Dichlorobenzene	12.042	146	154102	21.970	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	123178	17.723	ug/L	98
69) 1,3,5-Trichlorobenzene	13.591	180	12697	2.996	ug/L	94
70) 1,2,4-trichlorobenzene	13.591	180	12697	3.200	ug/L	96
72) 1,2,3-Trichlorobenzene	13.963	180	1909	0.487	ug/L	96

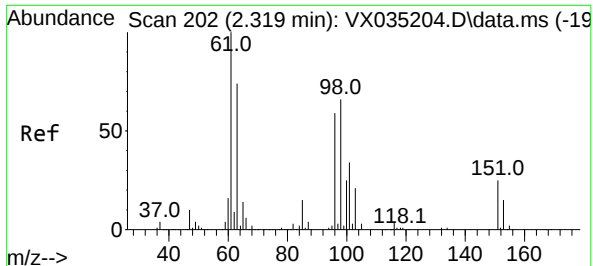
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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





#12

1,1-Dichloroethene

Concen: 0.481 ug/L

RT: 2.306 min Scan# 20

Delta R.T. -0.012 min

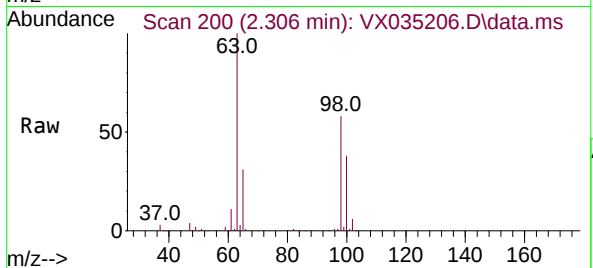
Lab File: VX035206.D

Acq: 20 Apr 2023 11:06

Instrument :

MSVOA_X

ClientSampleId :



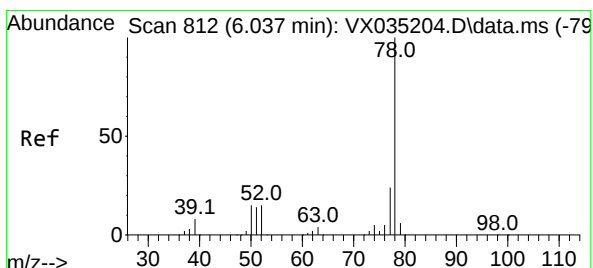
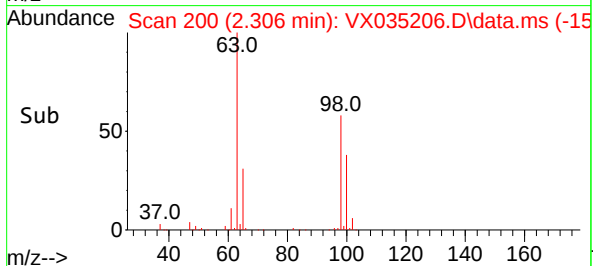
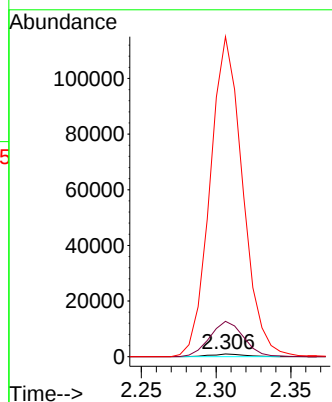
Tgt Ion: 96 Resp: 1532

Ion Ratio Lower Upper

96 100

61 1296.6 119.0 221.0#

63 11737.1 91.0 169.0#



#33

Benzene

Concen: 27.027 ug/L

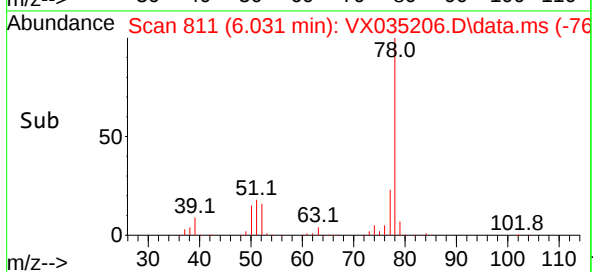
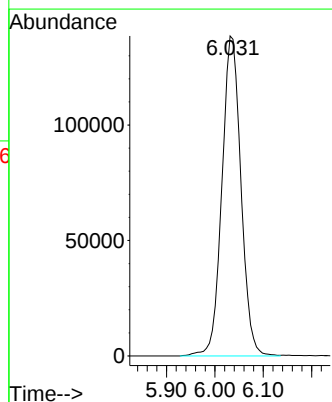
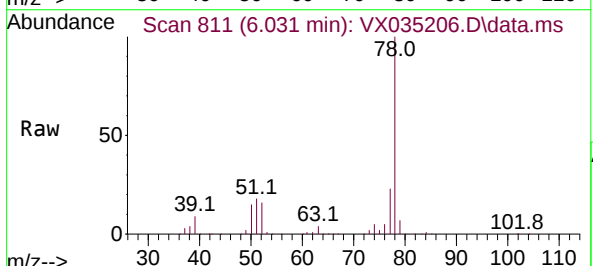
RT: 6.031 min Scan# 811

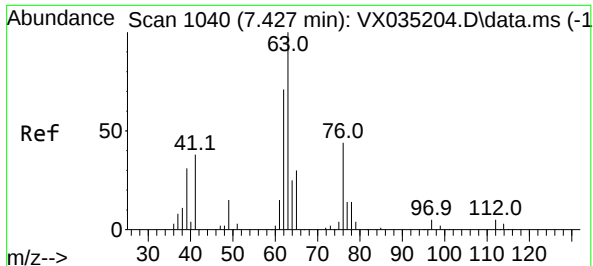
Delta R.T. -0.006 min

Lab File: VX035206.D

Acq: 20 Apr 2023 11:06

Tgt Ion: 78 Resp: 379124





#37

1,2-Dichloropropane

Concen: 4.984 ug/L

RT: 7.305 min Scan# 1

Delta R.T. -0.122 min

Lab File: VX035206.D

Acq: 20 Apr 2023 11:06

Instrument :

MSVOA_X

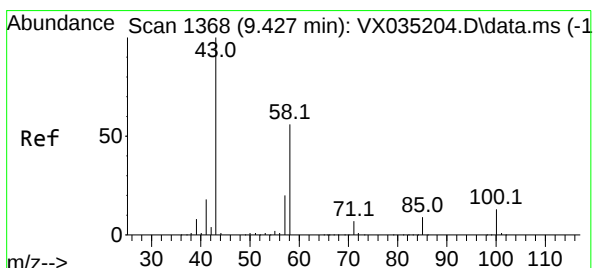
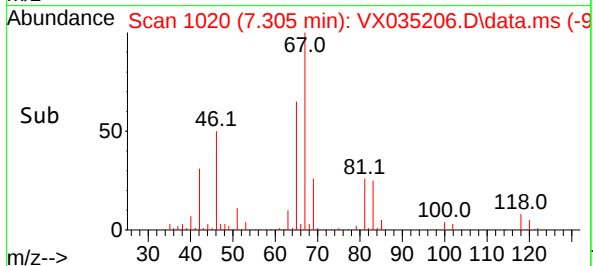
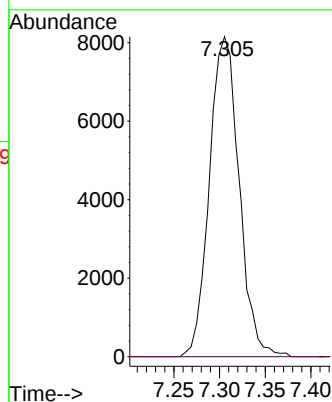
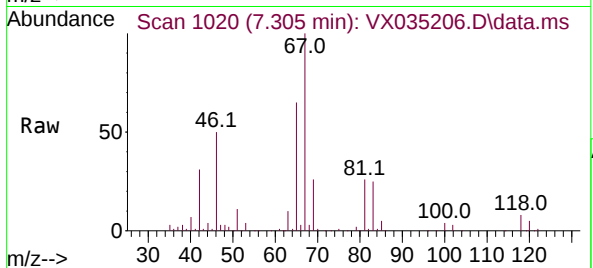
ClientSampleId :

Tgt Ion: 63 Resp: 18406

Ion Ratio Lower Upper

63 100

112 0.0 3.7 5.5#



#48

2-Hexanone

Concen: 4.287 ug/L

RT: 9.384 min Scan# 1361

Delta R.T. -0.043 min

Lab File: VX035206.D

Acq: 20 Apr 2023 11:06

Tgt Ion: 43 Resp: 15846

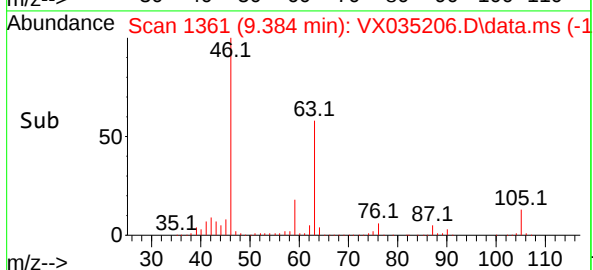
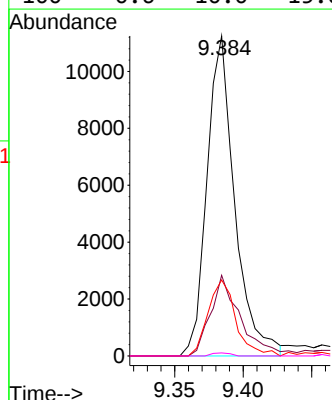
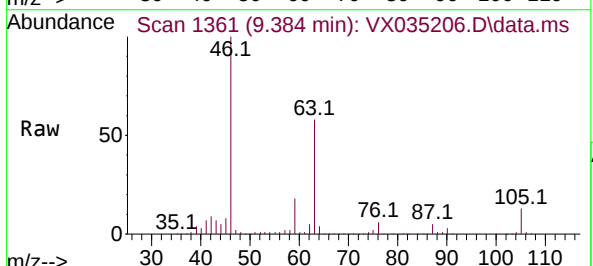
Ion Ratio Lower Upper

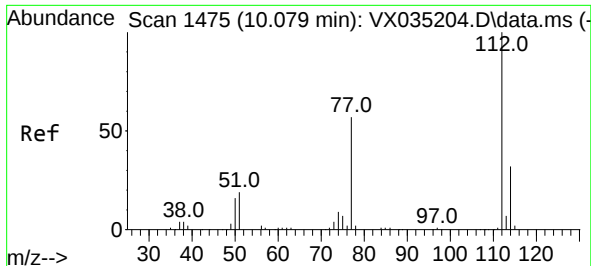
43 100

58 27.4 43.2 64.8#

57 23.7 15.4 23.0#

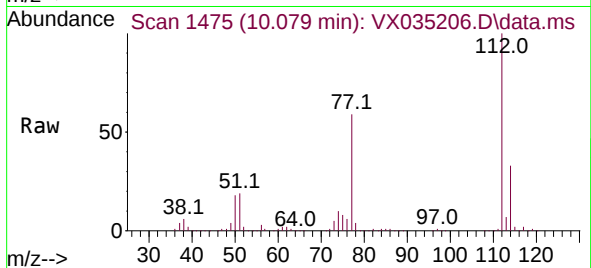
100 0.6 10.0 15.0#



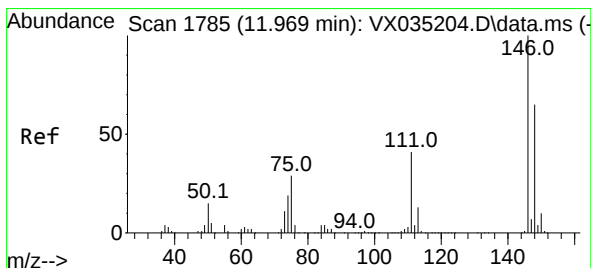
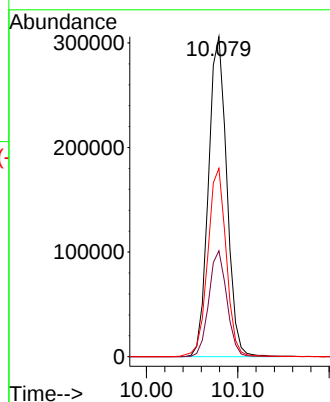
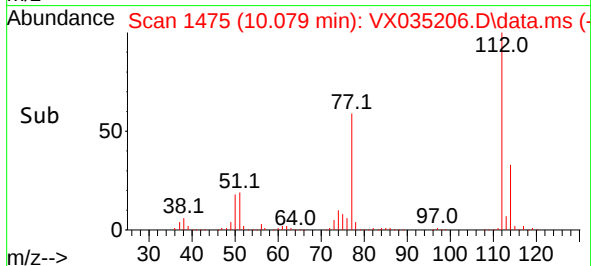


#51
Chlorobenzene
Concen: 44.666 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX035206.D
Acq: 20 Apr 2023 11:06

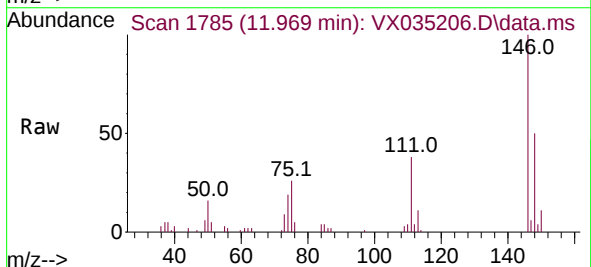
Instrument :
MSVOA_X
ClientSampleId :



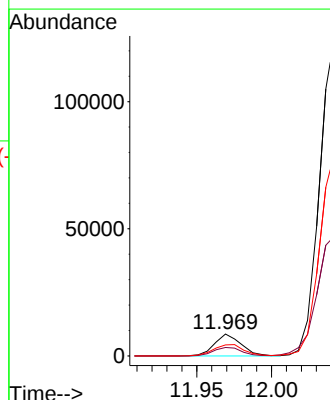
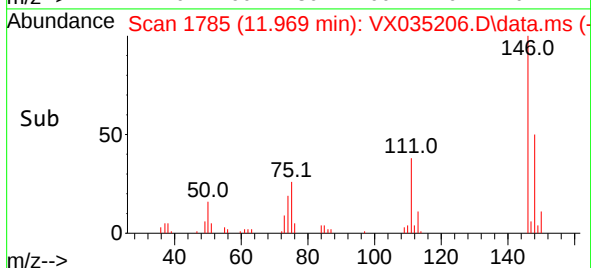
Tgt Ion:112 Resp: 428269
Ion Ratio Lower Upper
112 100
114 33.1 22.4 41.6
77 58.9 47.0 70.6

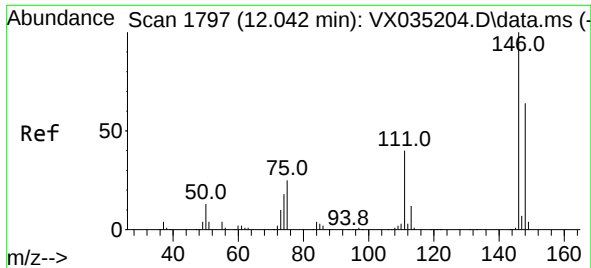


#64
1,3-Dichlorobenzene
Concen: 1.556 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX035206.D
Acq: 20 Apr 2023 11:06



Tgt Ion:146 Resp: 10667
Ion Ratio Lower Upper
146 100
111 38.4 28.9 53.7
148 50.2 44.3 82.3

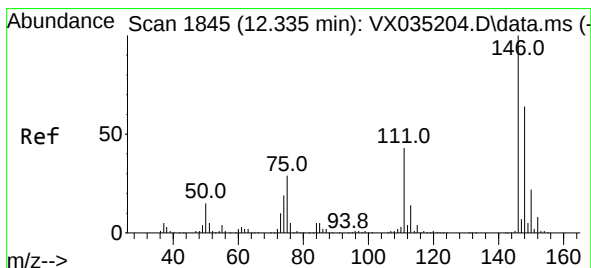
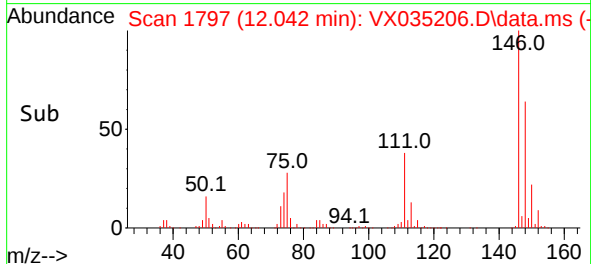
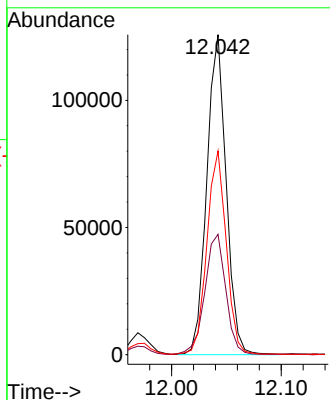
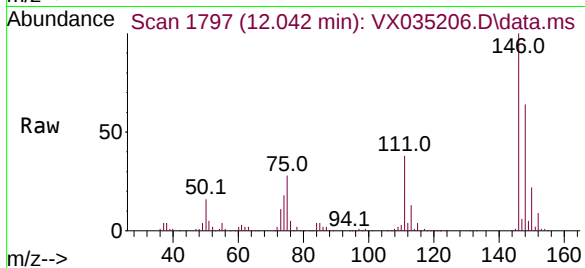




#65
1,4-Dichlorobenzene
Concen: 21.970 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX035206.D
Acq: 20 Apr 2023 11:06

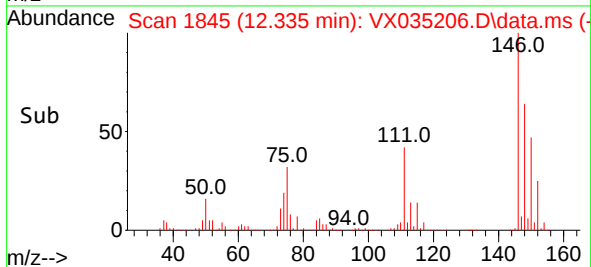
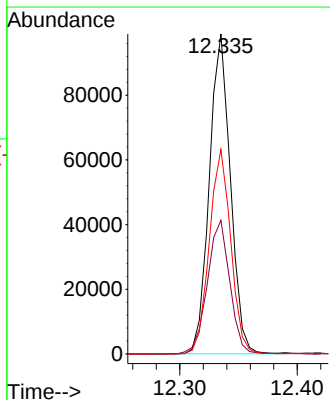
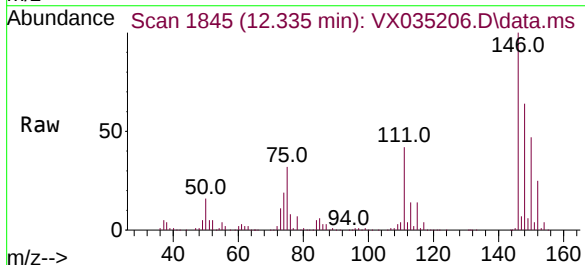
Instrument :
MSVOA_X
ClientSampleId :

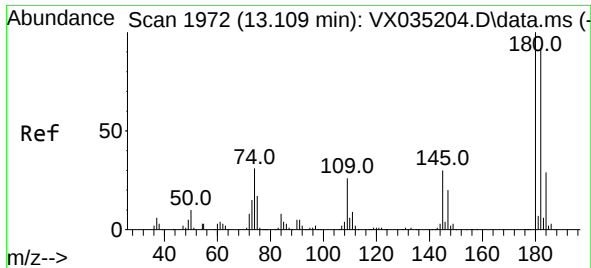
Tgt Ion:146 Resp: 154102
Ion Ratio Lower Upper
146 100
111 37.6 27.9 51.7
148 63.7 45.9 85.3



#67
1,2-Dichlorobenzene
Concen: 17.723 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX035206.D
Acq: 20 Apr 2023 11:06

Tgt Ion:146 Resp: 123178
Ion Ratio Lower Upper
146 100
111 41.7 34.7 52.1
148 63.9 52.1 78.1





#69

1,3,5-Trichlorobenzene

Concen: 2.996 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.482 min

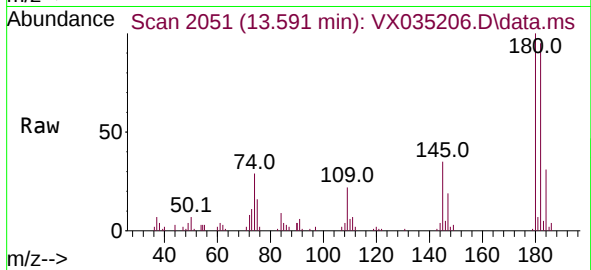
Lab File: VX035206.D

Acq: 20 Apr 2023 11:06

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 12697

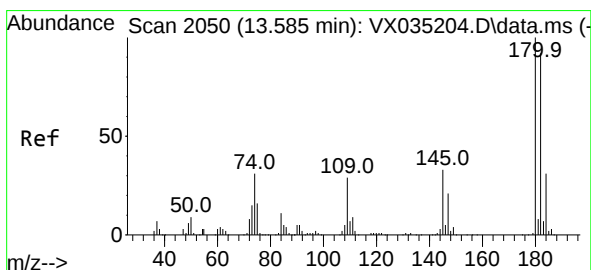
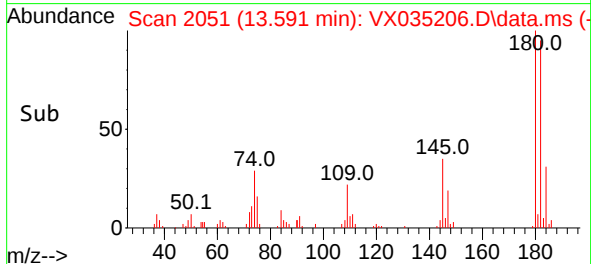
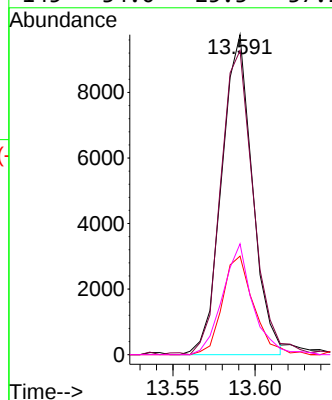
Ion Ratio Lower Upper

180 100

182 100.7 75.4 113.0

184 31.4 23.8 35.8

145 34.0 25.3 37.9



#70

1,2,4-trichlorobenzene

Concen: 3.200 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX035206.D

Acq: 20 Apr 2023 11:06

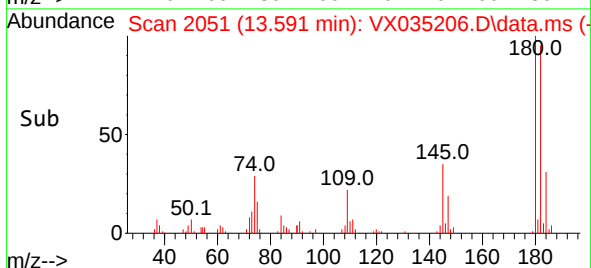
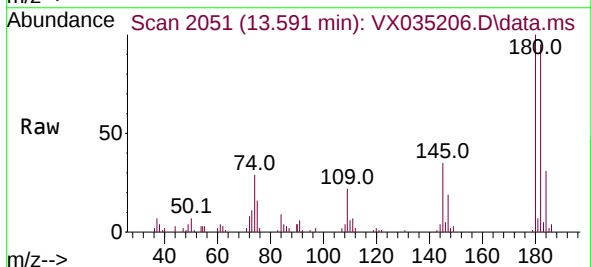
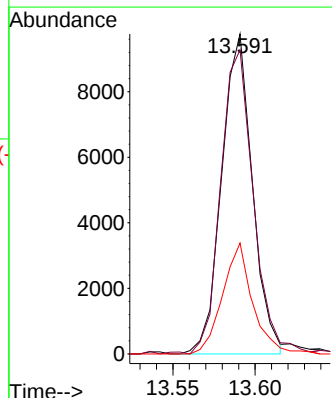
Tgt Ion:180 Resp: 12697

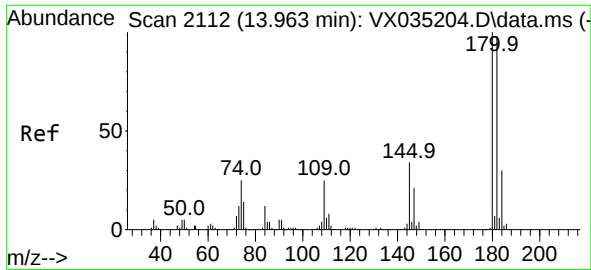
Ion Ratio Lower Upper

180 100

182 100.7 76.6 114.8

145 34.0 26.2 39.4





#72

1,2,3-Trichlorobenzene

Concen: 0.487 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

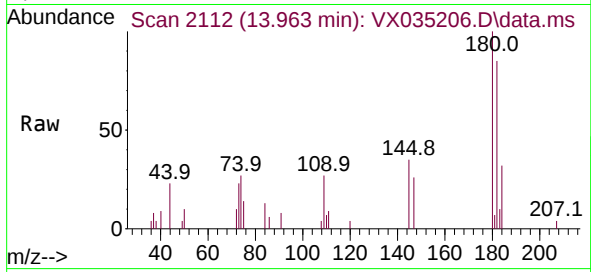
Lab File: VX035206.D

Acq: 20 Apr 2023 11:06

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 1909

Ion Ratio Lower Upper

180 100

182 88.8 75.0 112.6

145 34.6 27.1 40.7

