

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042023\
 Data File : VX035221.D
 Acq On : 20 Apr 2023 17:22
 Operator : JC/MD
 Sample : 02378-10DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 20 23:31:43 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)

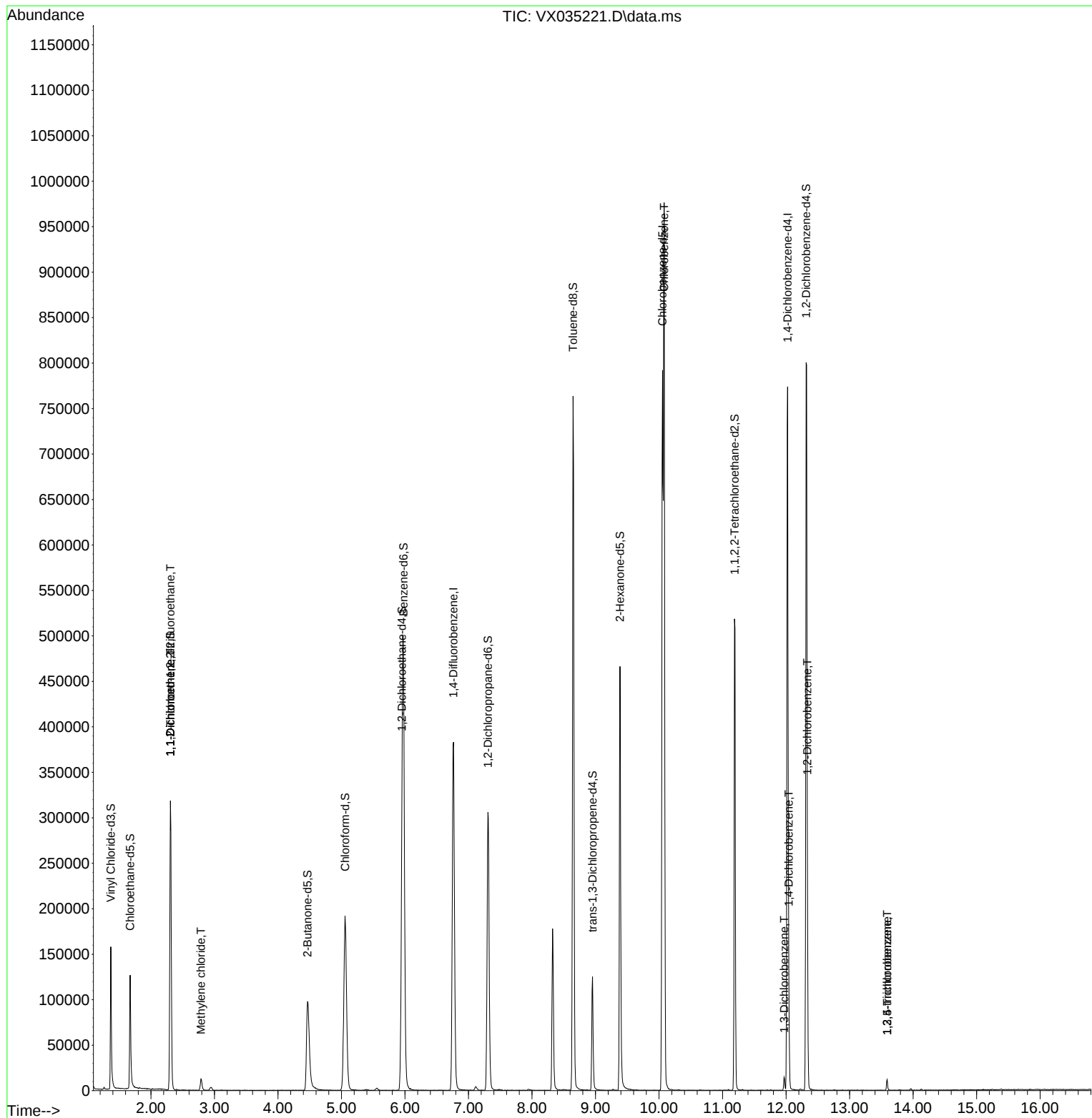
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	403635	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	347519	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	163403	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	107480	41.297	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.600%
7) Chloroethane-d5	1.672	69	86081	45.772	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.540%
11) 1,1-Dichloroethene-d2	2.307	65	57032	45.797	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.600%
21) 2-Butanone-d5	4.465	46	195603	112.779	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.780%
24) Chloroform-d	5.056	84	239404	48.845	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.680%
26) 1,2-Dichloroethane-d4	5.952	65	159801	50.771	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.540%
32) Benzene-d6	5.977	84	511693	51.257	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.520%
36) 1,2-Dichloropropane-d6	7.306	67	160247	52.550	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.100%
41) Toluene-d8	8.647	98	453236	49.677	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.360%
43) trans-1,3-Dichloroprop...	8.952	79	58382	43.809	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.620%
47) 2-Hexanone-d5	9.385	63	137369	112.178	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.180%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	203289	54.435	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.860%
66) 1,2-Dichlorobenzene-d4	12.317	152	166016	52.428	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.860%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.307	101	1884	0.713	ug/L #	19
12) 1,1-Dichloroethene	2.307	96	1319	0.547	ug/L #	1
16) Methylene chloride	2.788	84	5841	2.175	ug/L	91
51) Chlorobenzene	10.080	112	421783	58.634	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	5004	0.987	ug/L	93
65) 1,4-Dichlorobenzene	12.043	146	37327	7.199	ug/L	96
67) 1,2-Dichlorobenzene	12.335	146	50090	9.749	ug/L	98
69) 1,3,5-Trichlorobenzene	13.591	180	3231	1.031	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	3231	1.101	ug/L	98

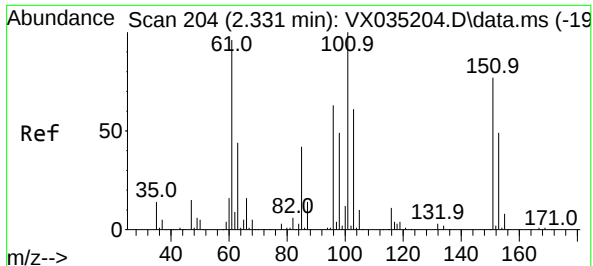
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042023\
Data File : VX035221.D
Acq On : 20 Apr 2023 17:22
Operator : JC/MD
Sample : 02378-10DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Apr 20 23:31:43 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





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.713 ug/L

RT: 2.307 min Scan# 200

Delta R.T. -0.024 min

Lab File: VX035221.D

Acq: 20 Apr 2023 17:22

Instrument :

MSVOA_X

ClientSampleId :

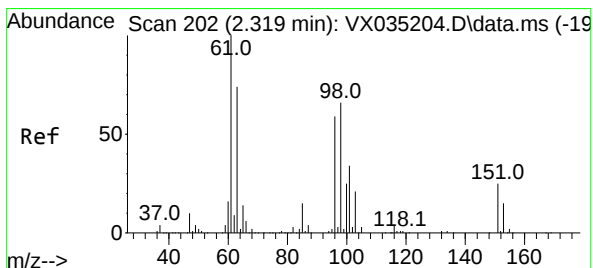
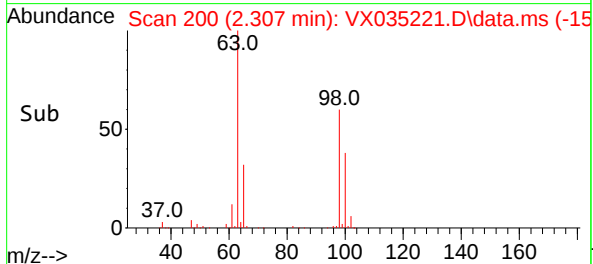
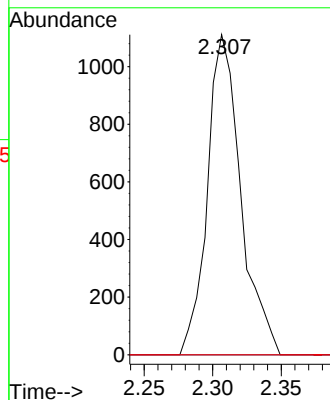
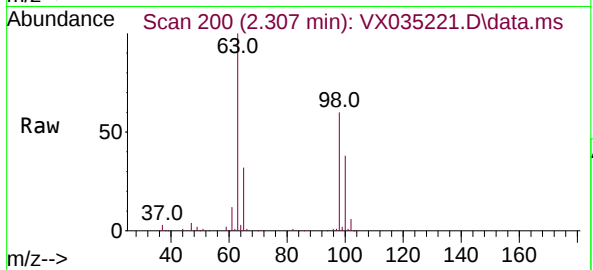
Tgt Ion:101 Resp: 1884

Ion Ratio Lower Upper

101 100

85 0.0 34.2 51.2#

151 0.0 61.1 91.7#



#12

1,1-Dichloroethene

Concen: 0.547 ug/L

RT: 2.307 min Scan# 200

Delta R.T. -0.012 min

Lab File: VX035221.D

Acq: 20 Apr 2023 17:22

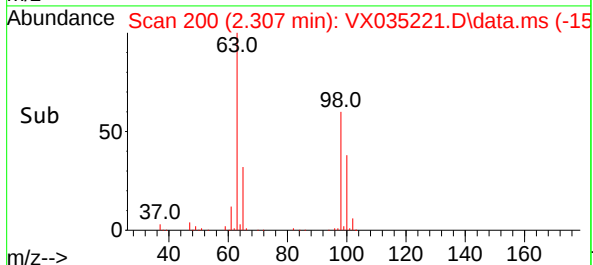
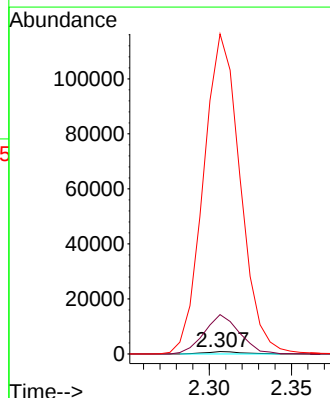
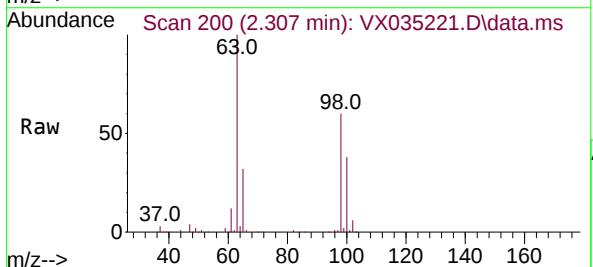
Tgt Ion: 96 Resp: 1319

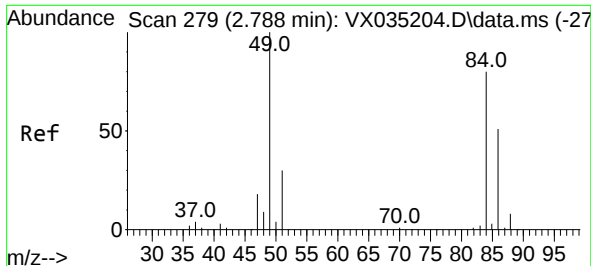
Ion Ratio Lower Upper

96 100

61 1648.2 119.0 221.0#

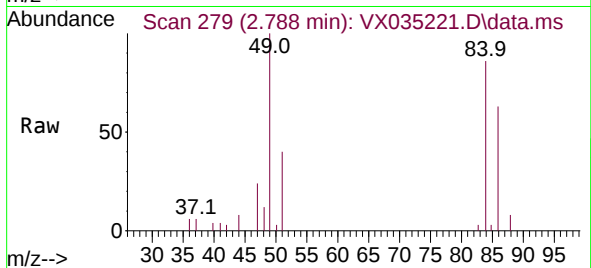
63 13400.0 91.0 169.0#



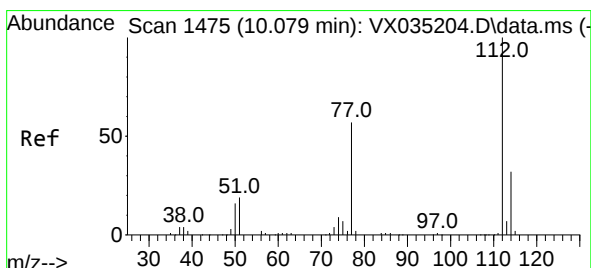
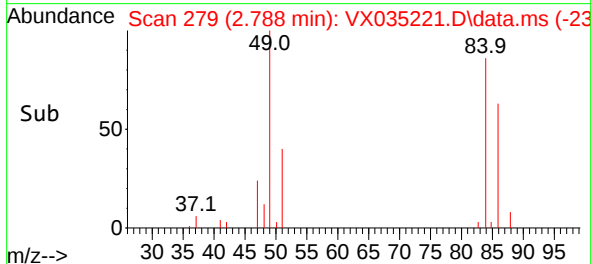
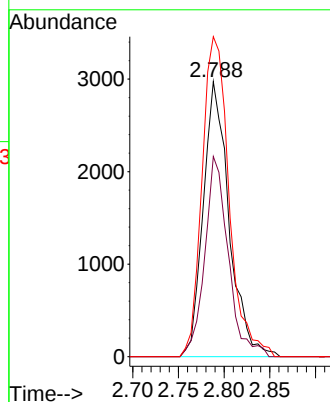


#16
Methylene chloride
Concen: 2.175 ug/L
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX035221.D
Acq: 20 Apr 2023 17:22

Instrument :
MSVOA_X
ClientSampleId :

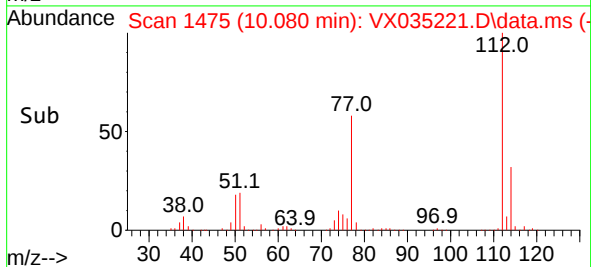
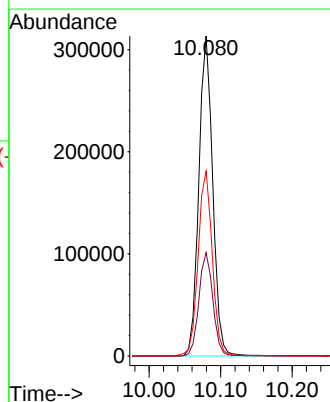
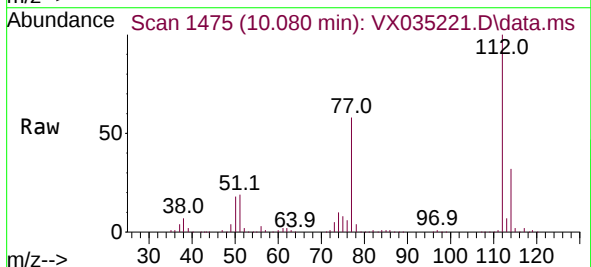


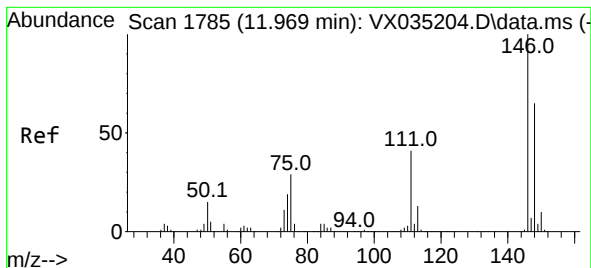
Tgt Ion: 84 Resp: 5841
Ion Ratio Lower Upper
84 100
86 72.8 45.8 85.0
49 116.3 88.7 164.7



#51
Chlorobenzene
Concen: 58.634 ug/L
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035221.D
Acq: 20 Apr 2023 17:22

Tgt Ion: 112 Resp: 421783
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: 0.987 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX035221.D

Acq: 20 Apr 2023 17:22

Instrument :

MSVOA_X

ClientSampleId :

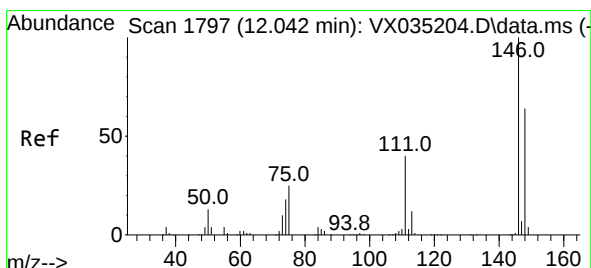
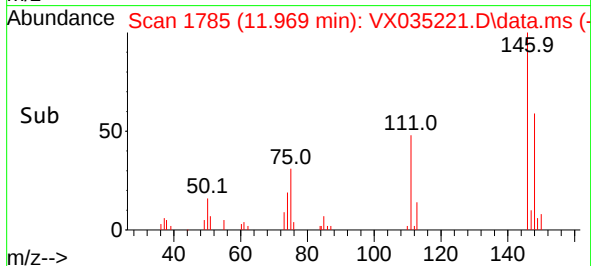
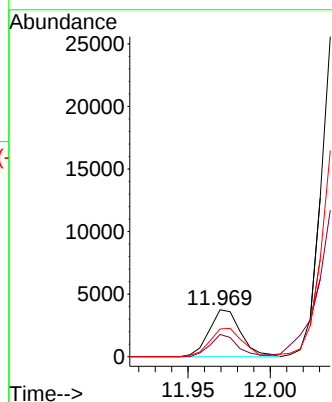
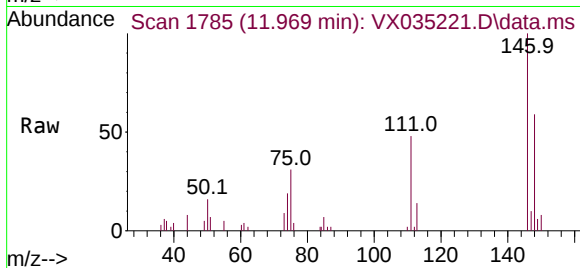
Tgt Ion:146 Resp: 5004

Ion Ratio Lower Upper

146 100

111 47.5 28.9 53.7

148 59.0 44.3 82.3



#65

1,4-Dichlorobenzene

Concen: 7.199 ug/L

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX035221.D

Acq: 20 Apr 2023 17:22

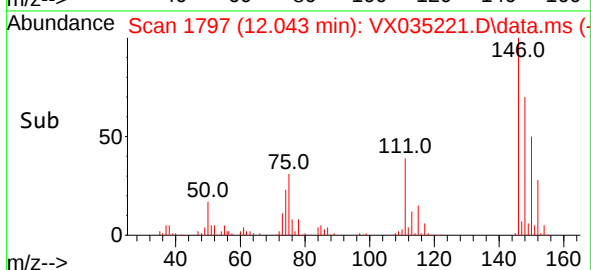
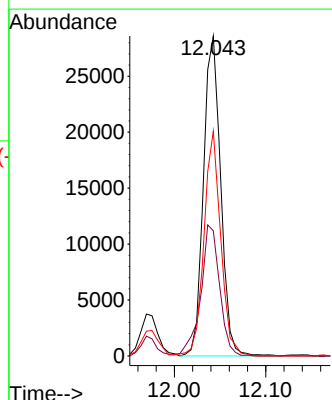
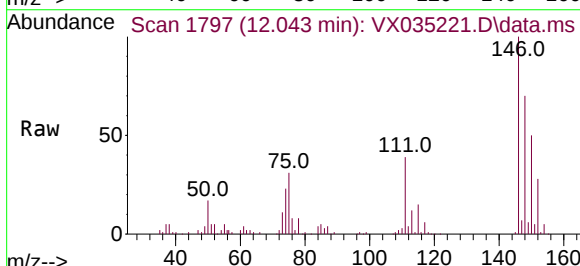
Tgt Ion:146 Resp: 37327

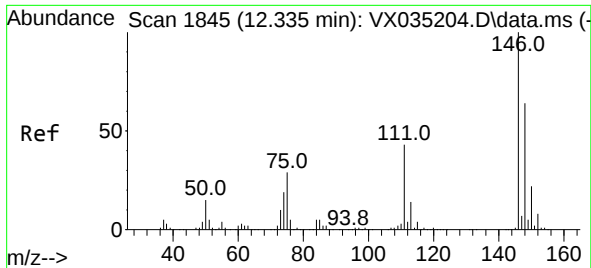
Ion Ratio Lower Upper

146 100

111 39.1 27.9 51.7

148 70.2 45.9 85.3

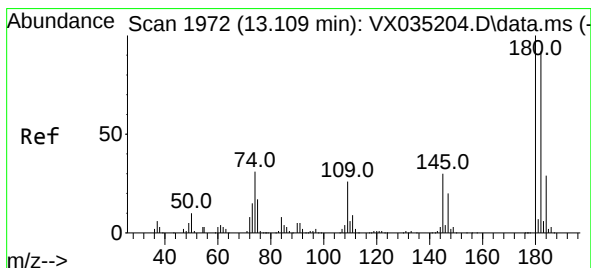
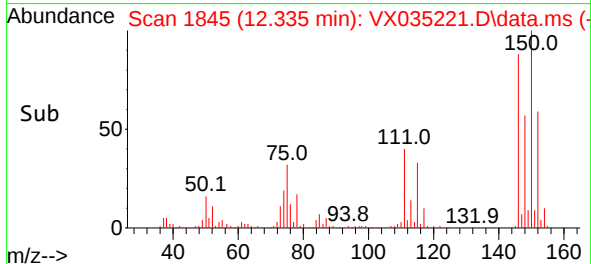
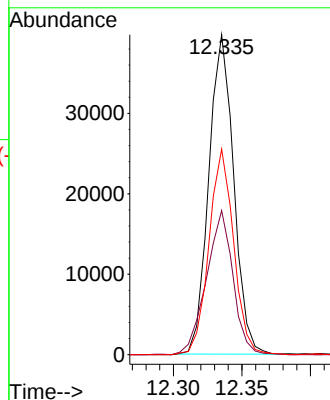
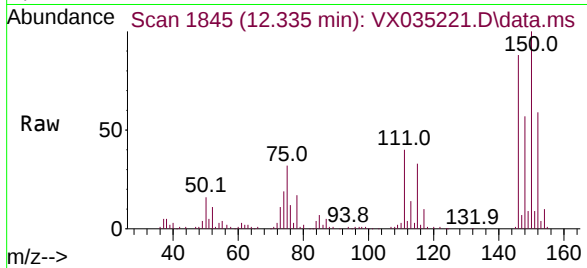




#67
1,2-Dichlorobenzene
Concen: 9.749 ug/L
RT: 12.335 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035221.D
Acq: 20 Apr 2023 17:22

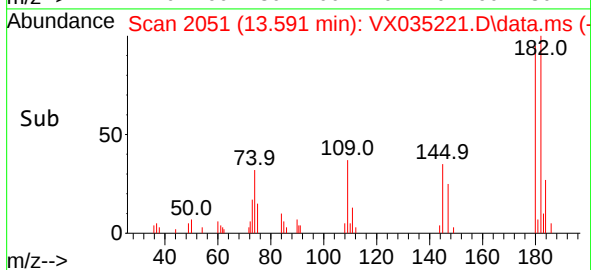
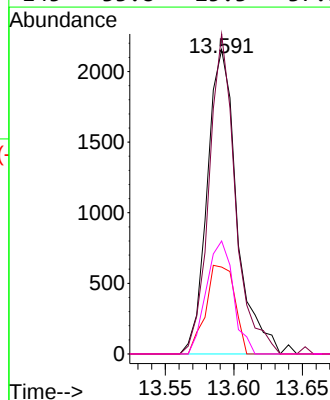
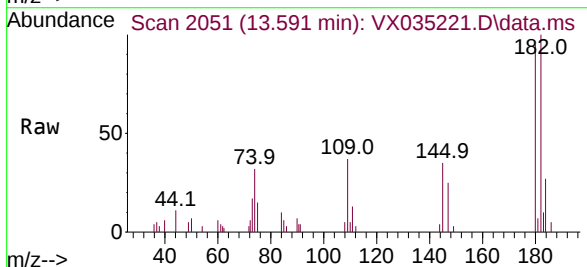
Instrument :
MSVOA_X
ClientSampleId :

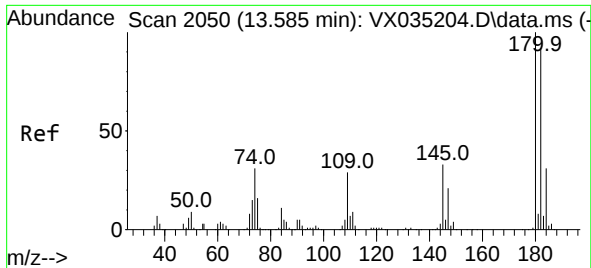
Tgt Ion:146 Resp: 50090
Ion Ratio Lower Upper
146 100
111 45.0 34.7 52.1
148 64.2 52.1 78.1



#69
1,3,5-Trichlorobenzene
Concen: 1.031 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.482 min
Lab File: VX035221.D
Acq: 20 Apr 2023 17:22

Tgt Ion:180 Resp: 3231
Ion Ratio Lower Upper
180 100
182 93.8 75.4 113.0
184 28.3 23.8 35.8
145 33.8 25.3 37.9





#70

1,2,4-trichlorobenzene

Concen: 1.101 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

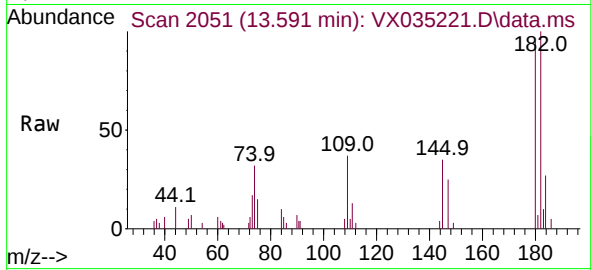
Lab File: VX035221.D

Acq: 20 Apr 2023 17:22

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 3231

Ion Ratio Lower Upper

180 100

182 93.8 76.6 114.8

145 33.8 26.2 39.4

