

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041923\
 Data File : VX035189.D
 Acq On : 19 Apr 2023 23:11
 Operator : JC/MD
 Sample : 02333-14 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 20 05:08:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 20 04:51:49 2023
 Response via : Initial Calibration

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

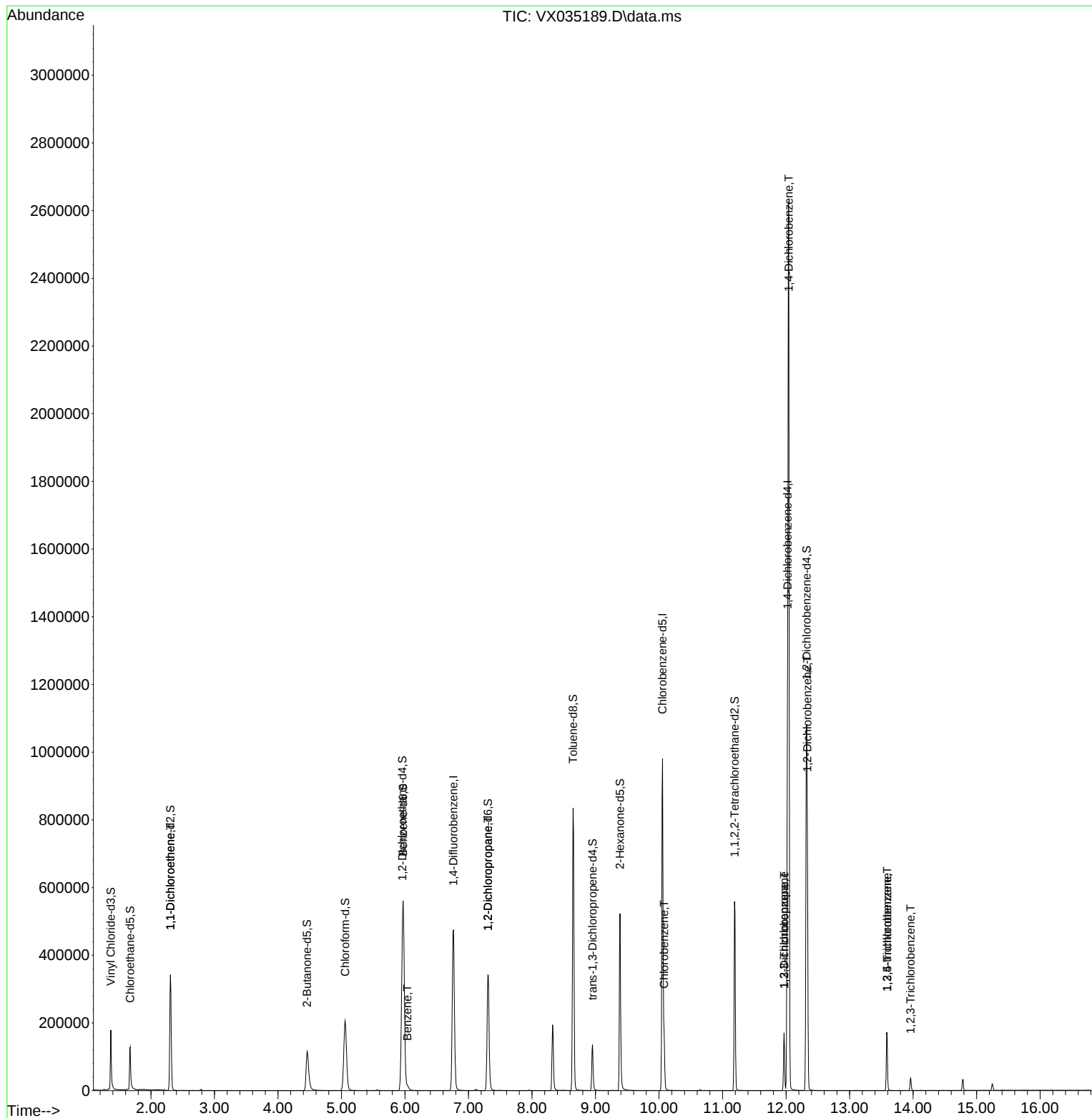
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	497238	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	433866	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	201882	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	119285	37.205	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.400%
7) Chloroethane-d5	1.672	69	90679	39.140	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.280%
11) 1,1-Dichloroethene-d2	2.306	65	60483	39.426	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.860%
21) 2-Butanone-d5	4.459	46	210568	98.553	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.550%
24) Chloroform-d	5.056	84	264602	43.823	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.640%
26) 1,2-Dichloroethane-d4	5.958	65	180081	46.444	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.880%
32) Benzene-d6	5.970	84	560548	44.976	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.960%
36) 1,2-Dichloropropane-d6	7.306	67	177202	46.545	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.100%
41) Toluene-d8	8.647	98	497880	43.710	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.420%
43) trans-1,3-Dichloroprop...	8.952	79	65263	39.226	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.460%
47) 2-Hexanone-d5	9.384	63	148872	97.377	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.380%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	222877	47.803	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.600%
66) 1,2-Dichlorobenzene-d4	12.323	152	182671	46.692	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.380%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.306	96	1512	0.509	ug/L #	1
33) Benzene	6.038	78	13287	1.011	ug/L	100
37) 1,2-Dichloropropane	7.306	63	19584	5.661	ug/L #	86
51) Chlorobenzene	10.079	112	65947	7.343	ug/L	98
61) 1,2,3-Trichloropropane	11.969	75	16693	4.479	ug/L #	48
64) 1,3-Dichlorobenzene	11.969	146	53894	8.608	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	831420	129.779	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	214612	33.807	ug/L	99
69) 1,3,5-Trichlorobenzene	13.591	180	42083	10.873	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	42083	11.612	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	9492	2.653	ug/L	99

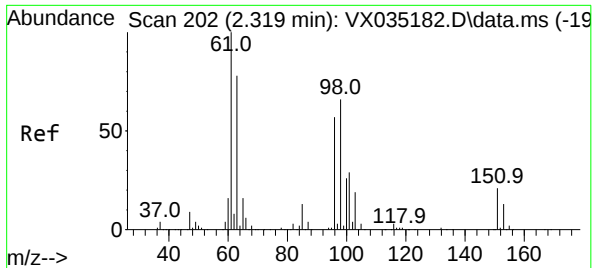
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Apr 20 04:51:49 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.509 ug/L

RT: 2.306 min Scan# 200

Delta R.T. -0.012 min

Lab File: VX035189.D

Acq: 19 Apr 2023 23:11

Instrument :

MSVOA_X

ClientSampleId :

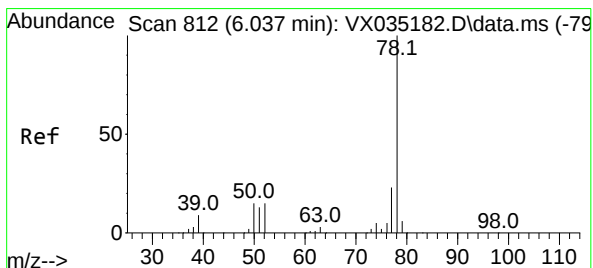
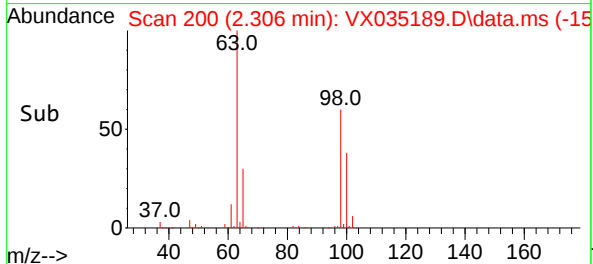
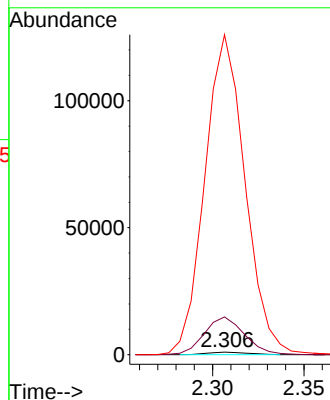
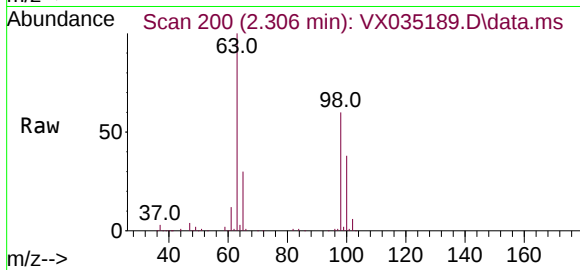
Tgt Ion: 96 Resp: 1512

Ion Ratio Lower Upper

96 100

61 1463.1 119.0 221.0#

63 12390.2 91.0 169.0#



#33

Benzene

Concen: 1.011 ug/L

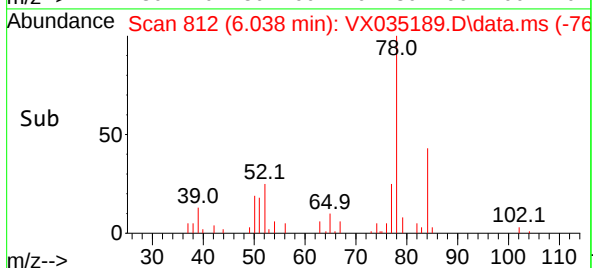
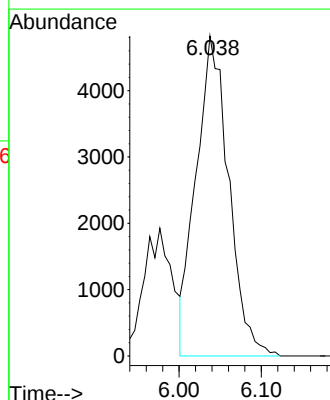
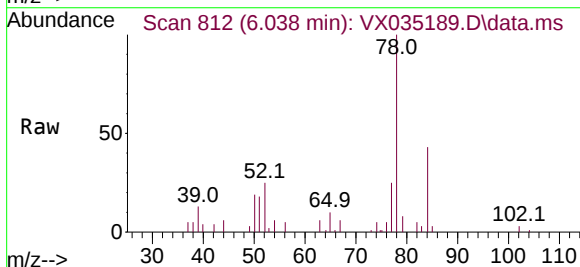
RT: 6.038 min Scan# 812

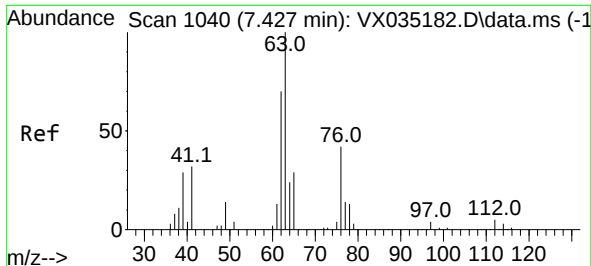
Delta R.T. 0.000 min

Lab File: VX035189.D

Acq: 19 Apr 2023 23:11

Tgt Ion: 78 Resp: 13287





#37

1,2-Dichloropropane

Concen: 5.661 ug/L

RT: 7.306 min Scan# 1020

Delta R.T. -0.122 min

Lab File: VX035189.D

Acq: 19 Apr 2023 23:11

Instrument :

MSVOA_X

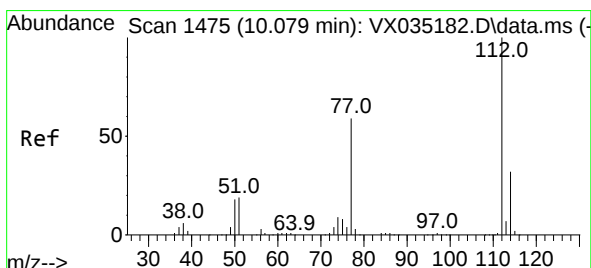
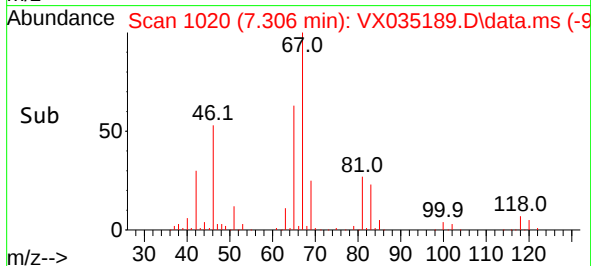
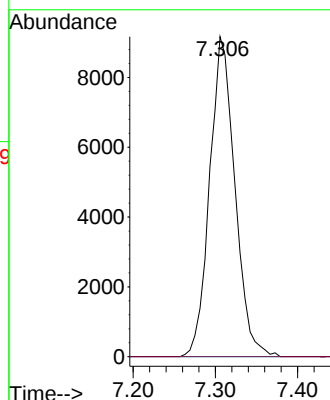
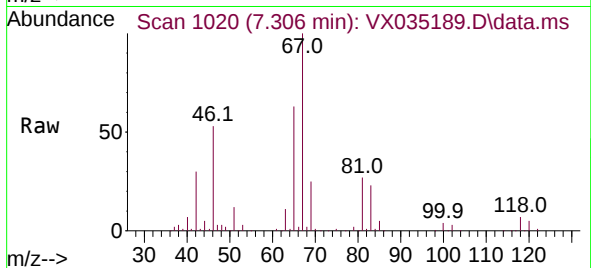
ClientSampleId :

Tgt Ion: 63 Resp: 19584

Ion Ratio Lower Upper

63 100

112 0.0 3.7 5.5#



#51

Chlorobenzene

Concen: 7.343 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX035189.D

Acq: 19 Apr 2023 23:11

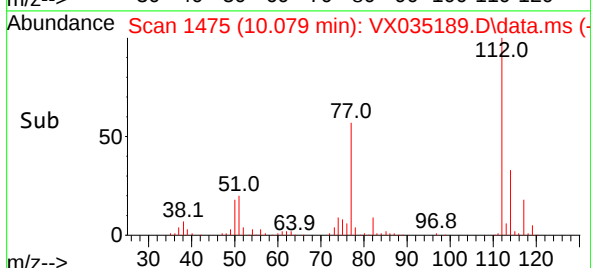
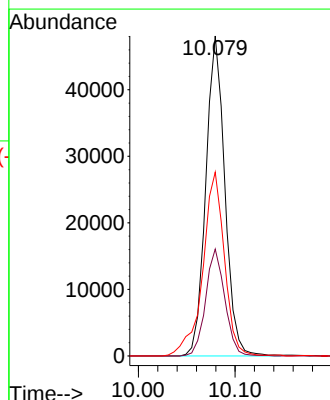
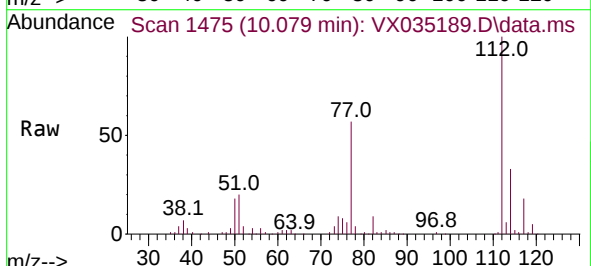
Tgt Ion: 112 Resp: 65947

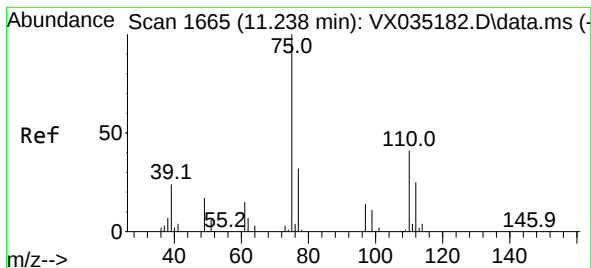
Ion Ratio Lower Upper

112 100

114 33.4 22.4 41.6

77 57.5 47.0 70.6





#61

1,2,3-Trichloropropane

Concen: 4.479 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. 0.732 min

Lab File: VX035189.D

Acq: 19 Apr 2023 23:11

Instrument :

MSVOA_X

ClientSampleId :

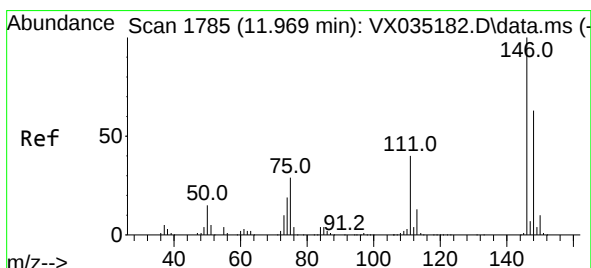
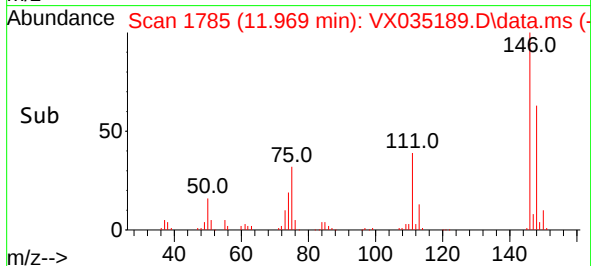
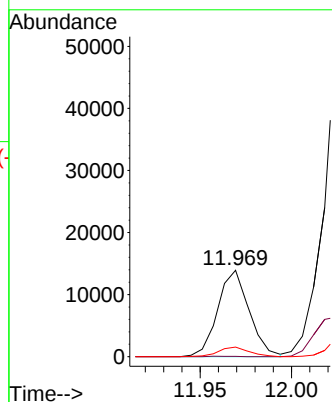
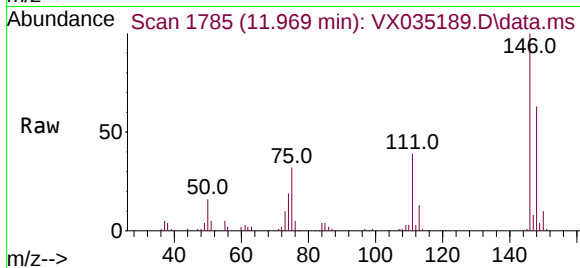
Tgt Ion: 75 Resp: 16693

Ion Ratio Lower Upper

75 100

77 0.4 25.6 38.4#

110 11.0 32.5 48.7#



#64

1,3-Dichlorobenzene

Concen: 8.608 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX035189.D

Acq: 19 Apr 2023 23:11

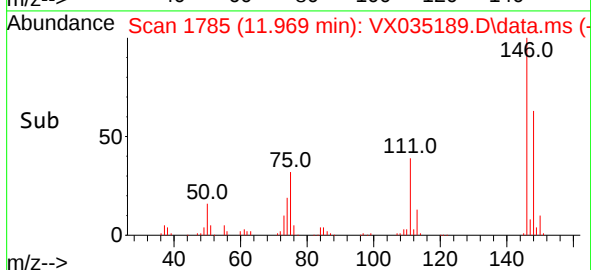
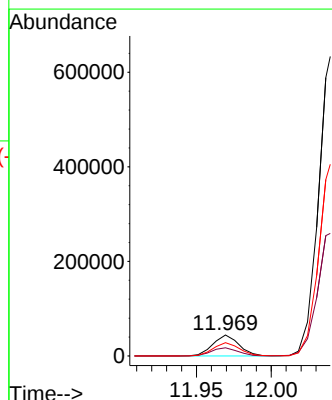
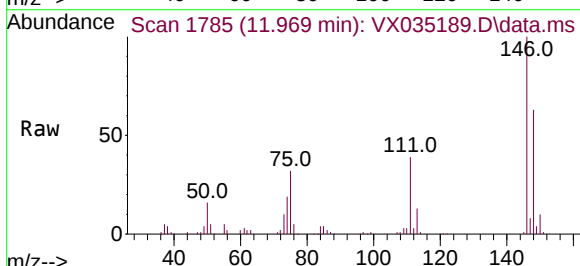
Tgt Ion:146 Resp: 53894

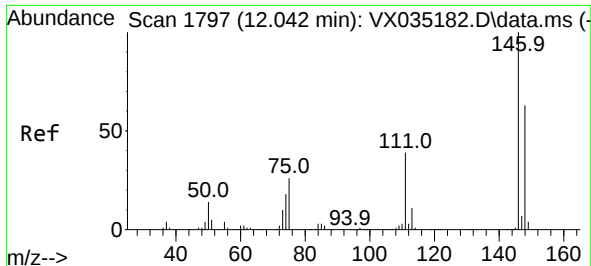
Ion Ratio Lower Upper

146 100

111 39.2 28.9 53.7

148 63.5 44.3 82.3





#65

1,4-Dichlorobenzene

Concen: 129.779 ug/L

RT: 12.043 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX035189.D

Acq: 19 Apr 2023 23:11

Instrument :

MSVOA_X

ClientSampleId :

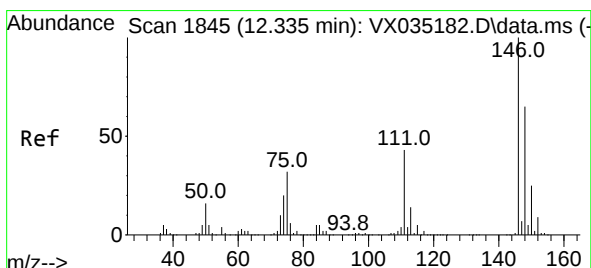
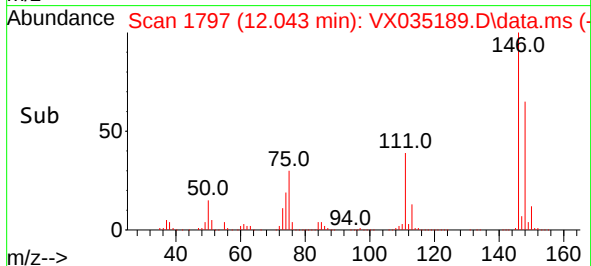
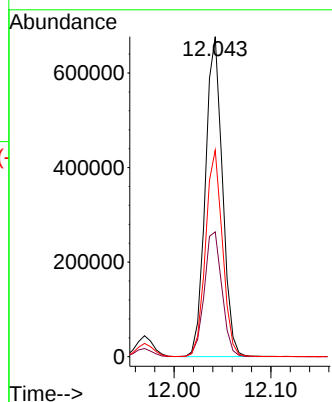
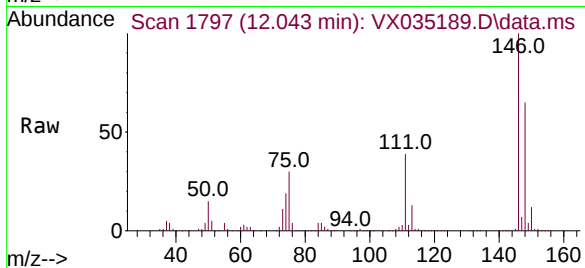
Tgt Ion:146 Resp: 831420

Ion Ratio Lower Upper

146 100

111 39.0 27.9 51.7

148 64.5 45.9 85.3



#67

1,2-Dichlorobenzene

Concen: 33.807 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX035189.D

Acq: 19 Apr 2023 23:11

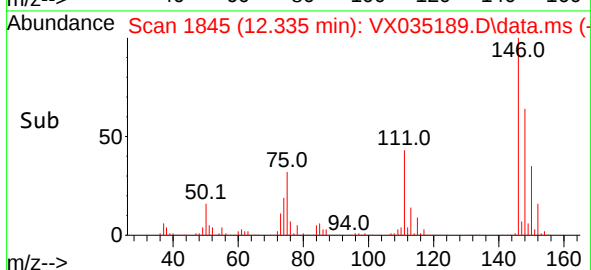
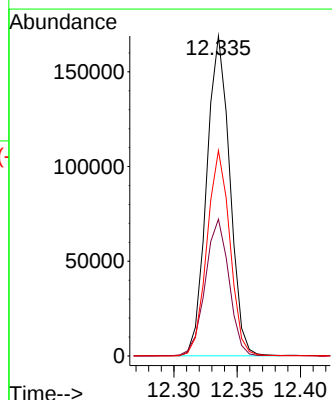
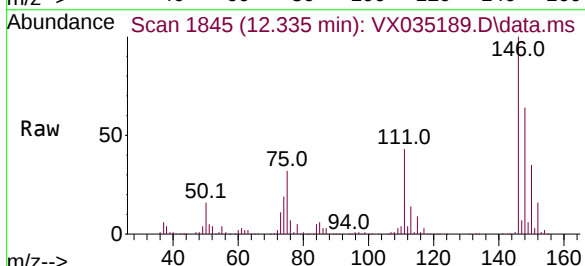
Tgt Ion:146 Resp: 214612

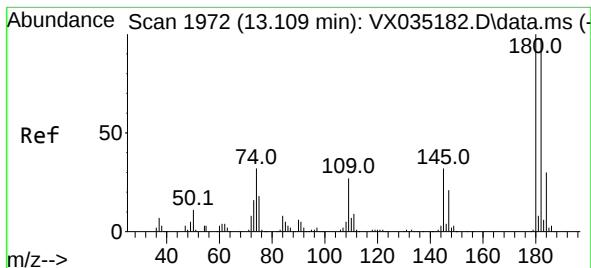
Ion Ratio Lower Upper

146 100

111 42.8 34.7 52.1

148 64.2 52.1 78.1





#69

1,3,5-Trichlorobenzene

Concen: 10.873 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.482 min

Lab File: VX035189.D

Acq: 19 Apr 2023 23:11

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:180 Resp: 42083

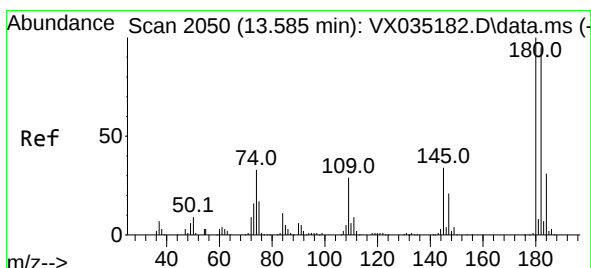
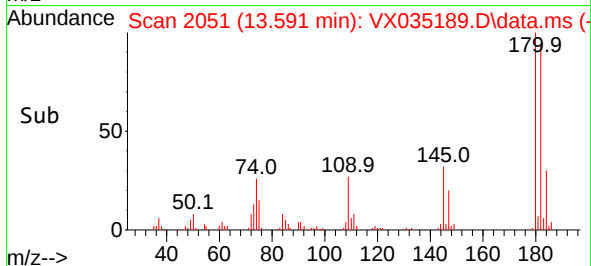
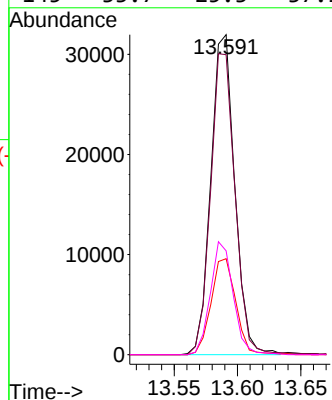
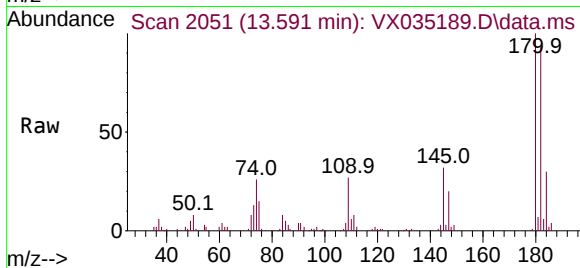
Ion Ratio Lower Upper

180 100

182 96.1 75.4 113.0

184 30.6 23.8 35.8

145 33.7 25.3 37.9



#70

1,2,4-trichlorobenzene

Concen: 11.612 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX035189.D

Acq: 19 Apr 2023 23:11

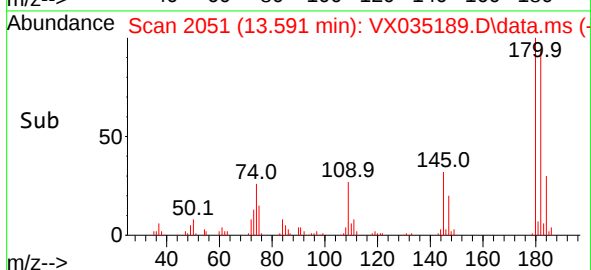
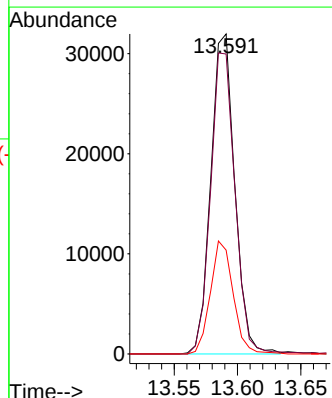
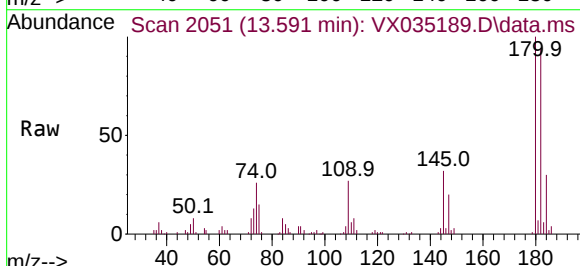
Tgt Ion:180 Resp: 42083

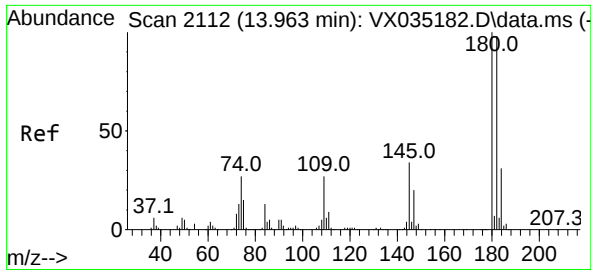
Ion Ratio Lower Upper

180 100

182 96.1 76.6 114.8

145 33.7 26.2 39.4





#72

1,2,3-Trichlorobenzene

Concen: 2.653 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

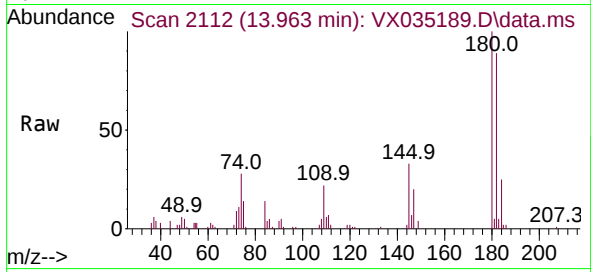
Lab File: VX035189.D

Acq: 19 Apr 2023 23:11

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 9492

Ion Ratio Lower Upper

180 100

182 92.8 75.0 112.6

145 32.5 27.1 40.7

