

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 :

Quant Time: Dec 29 04:33:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122821WMA.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)

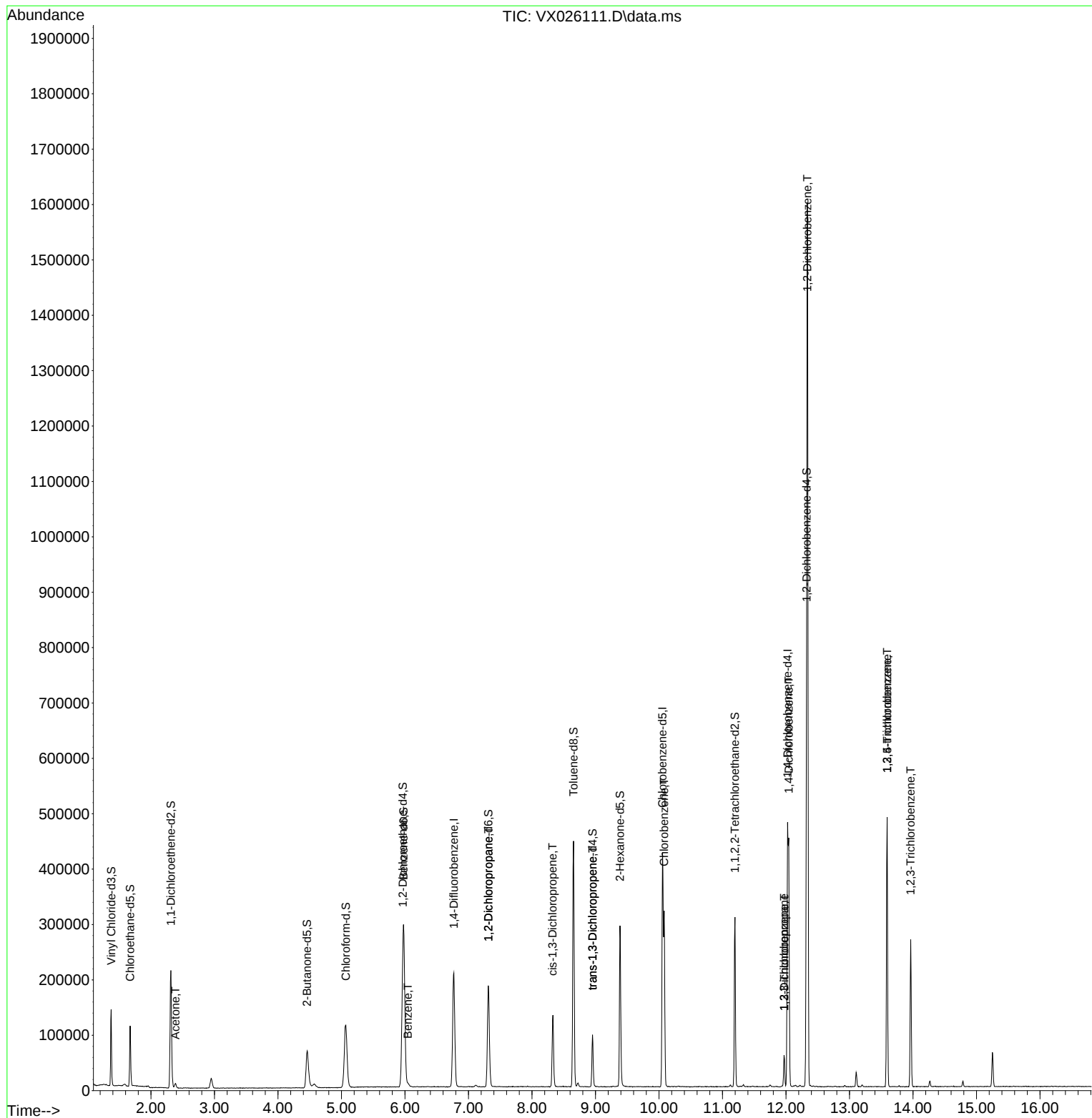
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	202085	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	177897	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	82530	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	82796	52.787	ug/L	0.00
Spiked Amount 50.000	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
37) 1,2-Dichloropropane	7.312	63	10373	7.671	ug/L #	86
39) cis-1,3-Dichloropropene	8.324	75	3371	1.617	ug/L #	83
44) trans-1,3-Dichloropropene	8.952	75	2019	1.011	ug/L	99
51) Chlorobenzene	10.080	112	120988	35.078	ug/L	99
61) 1,2,3-Trichloropropane	11.969	75	5311	3.386	ug/L #	49
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
69) 1,3,5-Trichlorobenzene	13.591	180	105544	64.245	ug/L	100
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

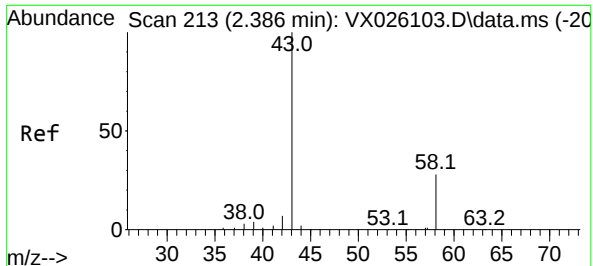
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Dec 29 04:20:17 2021
Response via : Initial Calibration





#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

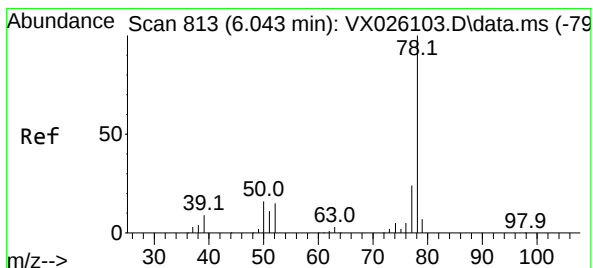
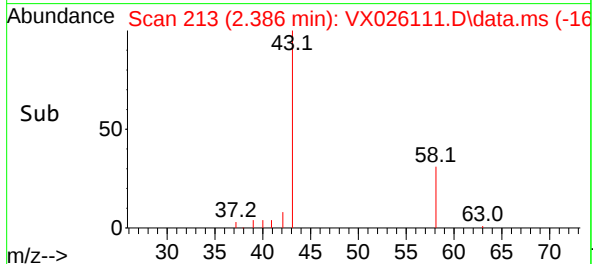
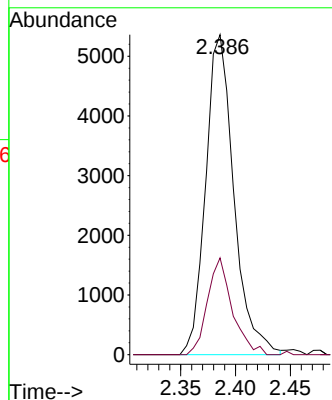
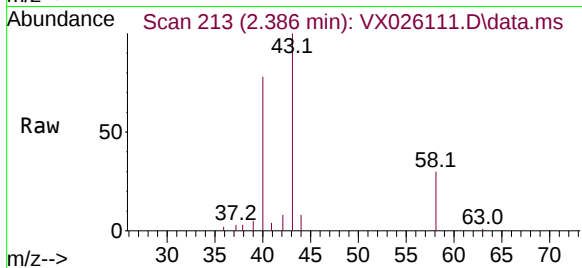
ClientSampleId :

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

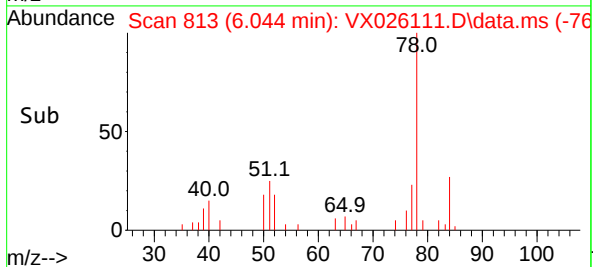
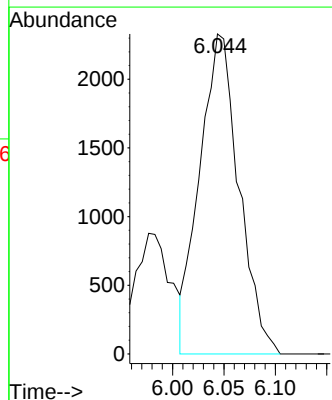
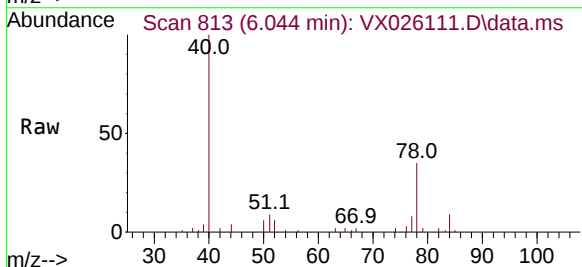
RT: 6.044 min Scan# 813

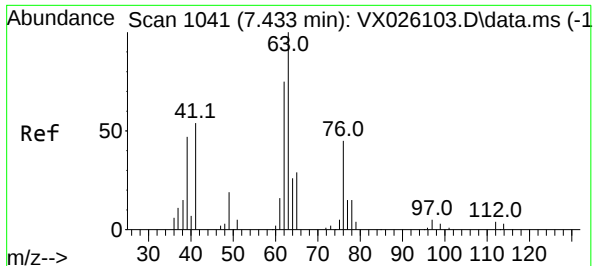
Delta R.T. 0.000 min

Lab File: VX026111.D

Acq: 28 Dec 2021 20:46

Tgt Ion: 78 Resp: 6177





#37

1,2-Dichloropropane

Concen: 7.671 ug/L

RT: 7.312 min Scan# 1187

Delta R.T. -0.122 min

Lab File: VX026111.D

Acq: 28 Dec 2021 20:46

Instrument :

MSVOA_X

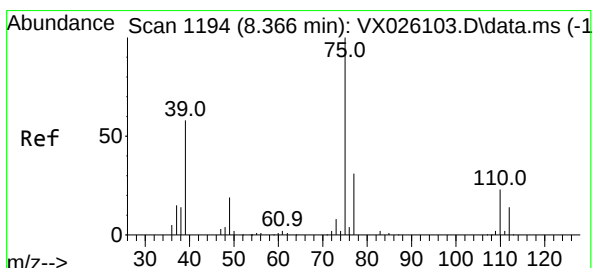
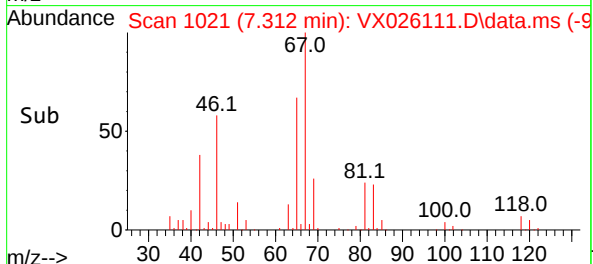
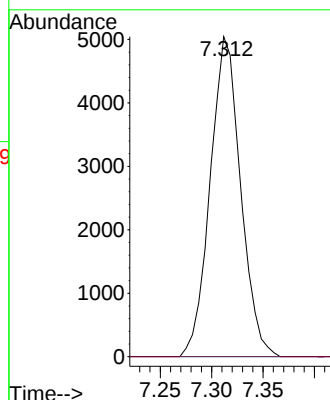
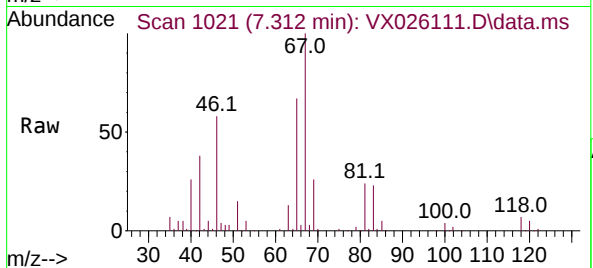
ClientSampleId :

Tgt Ion: 63 Resp: 10373

Ion Ratio Lower Upper

63 100

112 0.0 3.7 5.5#



#39

cis-1,3-Dichloropropene

Concen: 1.617 ug/L

RT: 8.324 min Scan# 1187

Delta R.T. -0.042 min

Lab File: VX026111.D

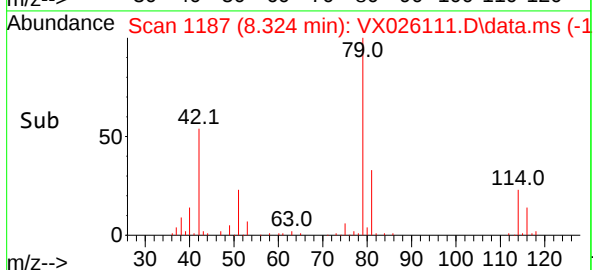
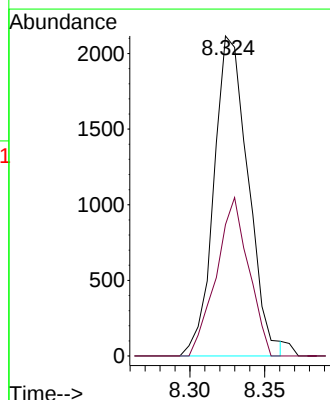
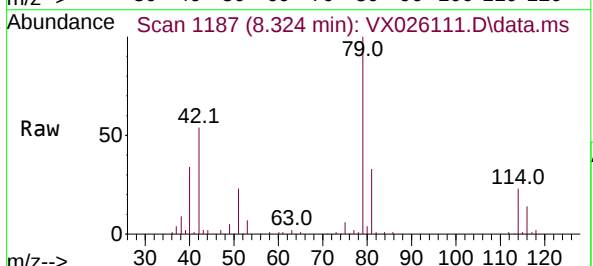
Acq: 28 Dec 2021 20:46

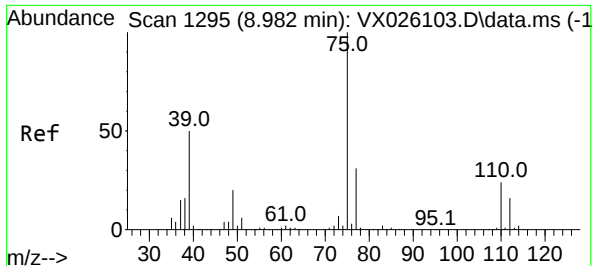
Tgt Ion: 75 Resp: 3371

Ion Ratio Lower Upper

75 100

77 41.1 22.0 41.0#





#44

trans-1,3-Dichloropropene

Concen: 1.011 ug/L

RT: 8.952 min Scan# 1295

Delta R.T. -0.030 min

Lab File: VX026111.D

Acq: 28 Dec 2021 20:46

Instrument :

MSVOA_X

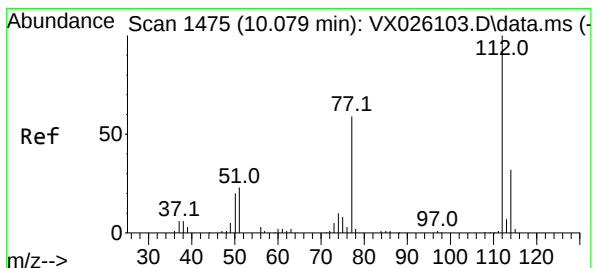
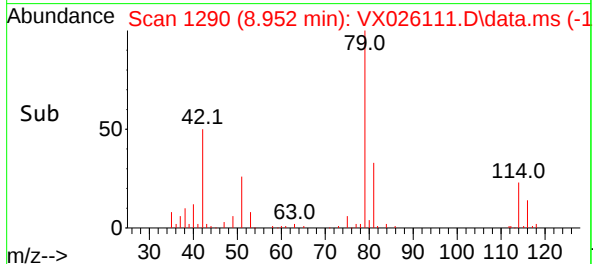
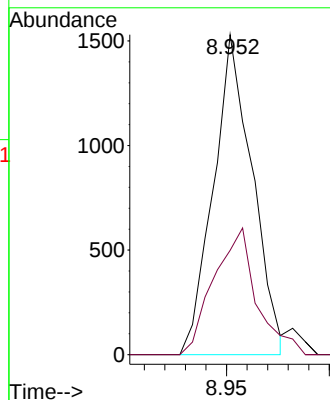
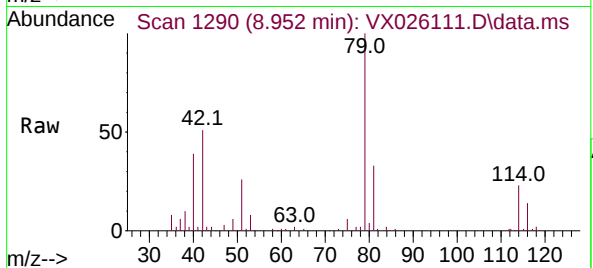
ClientSampleId :

Tgt Ion: 75 Resp: 2019

Ion Ratio Lower Upper

75 100

77 32.6 22.5 41.7



#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

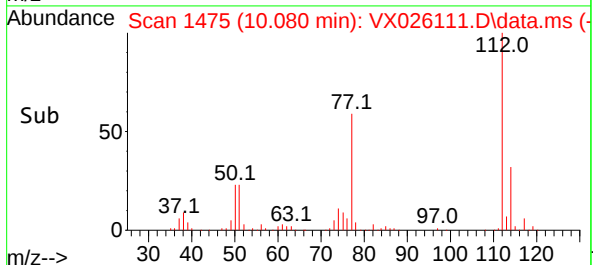
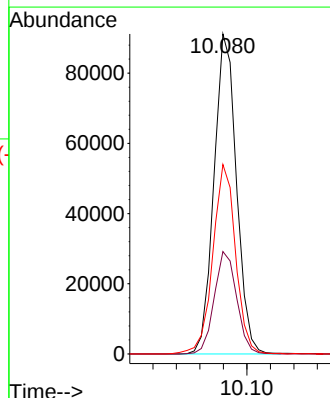
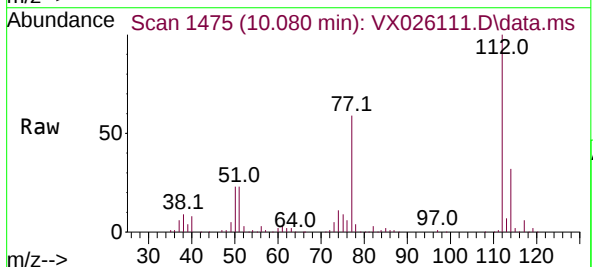
Tgt Ion: 112 Resp: 120988

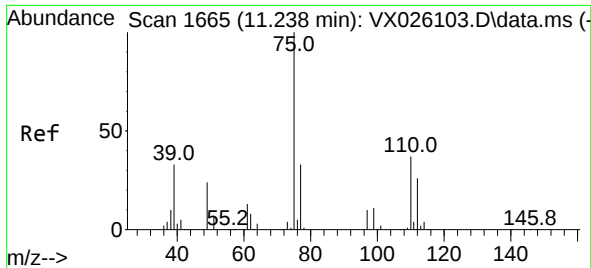
Ion Ratio Lower Upper

112 100

114 32.0 22.2 41.2

77 59.2 47.8 71.8

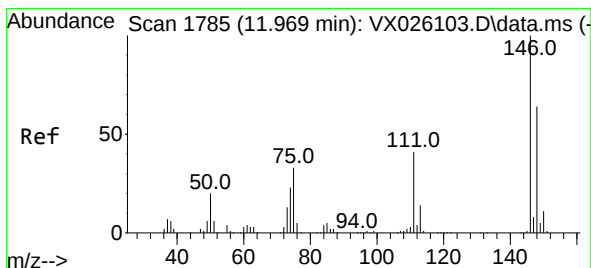
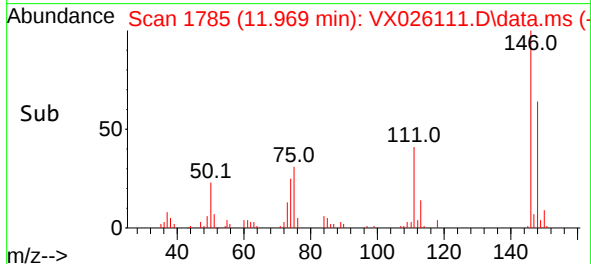
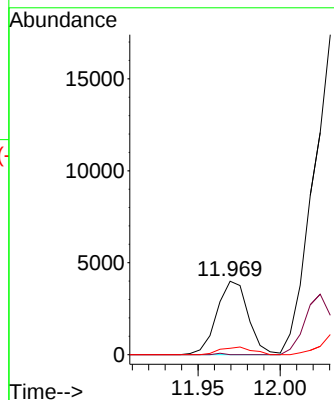
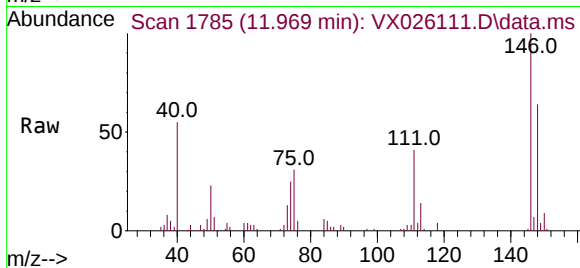




#61
 1,2,3-Trichloropropane
 Concen: 3.386 ug/L
 RT: 11.969 min Scan# 1785
 Delta R.T. 0.732 min
 Lab File: VX026111.D
 Acq: 28 Dec 2021 20:46

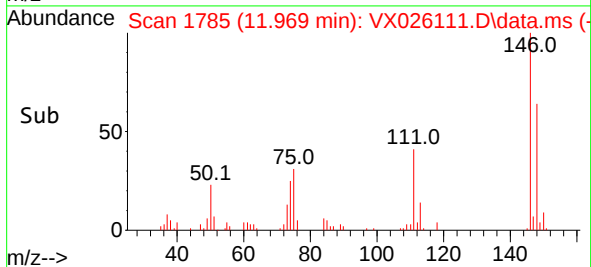
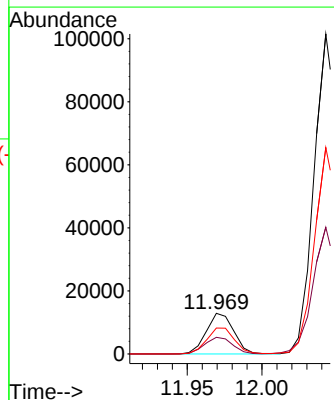
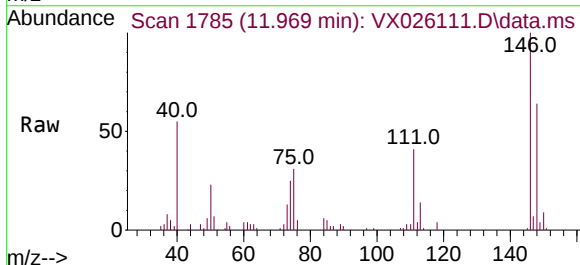
Instrument :
 MSVOA_X
 ClientSampleId :

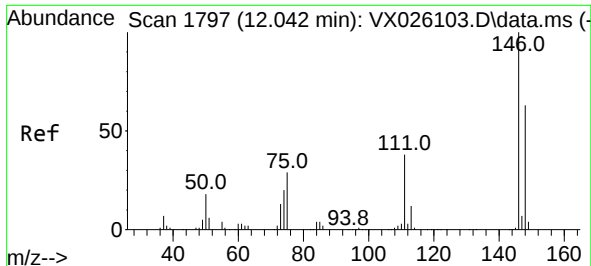
Tgt Ion: 75 Resp: 5311
 Ion Ratio Lower Upper
 75 100
 77 1.7 25.4 38.2#
 110 10.6 33.2 49.8#



#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 :

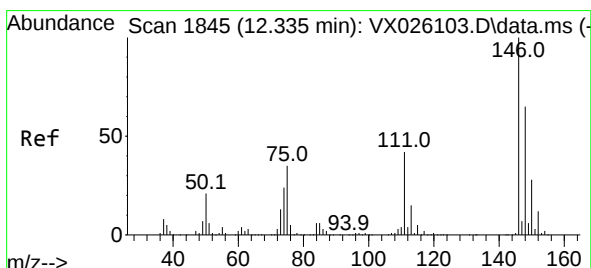
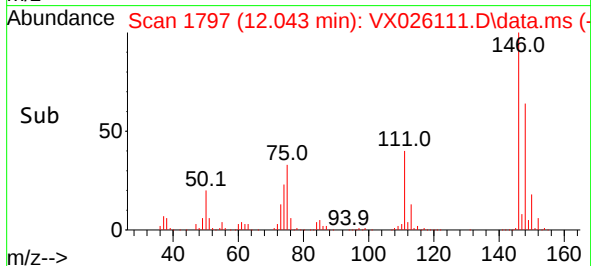
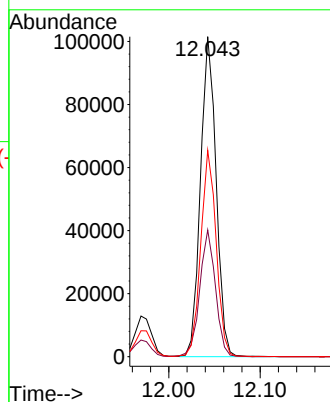
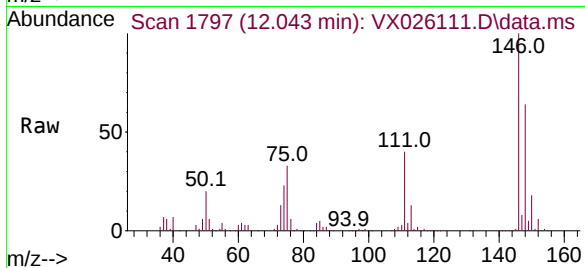
Tgt Ion:146 Resp: 120586

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

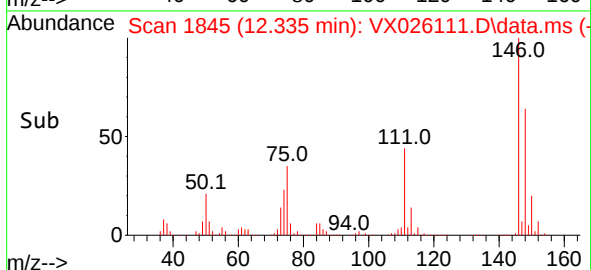
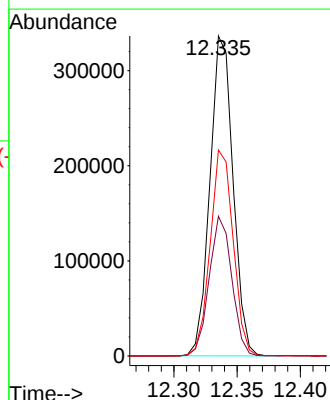
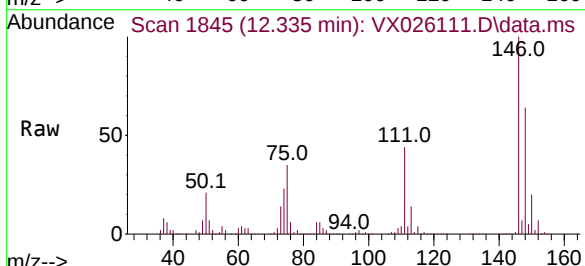
Tgt Ion:146 Resp: 427245

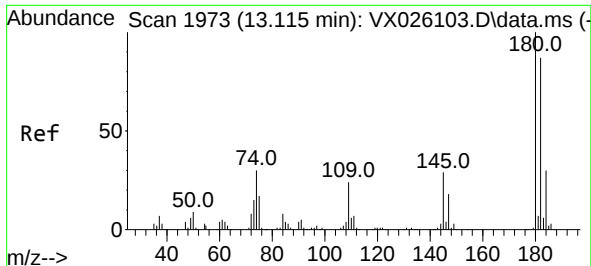
Ion Ratio Lower Upper

146 100

111 43.7 33.1 49.7

148 64.3 49.6 74.4





#69

1,3,5-Trichlorobenzene

Concen: 64.245 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.476 min

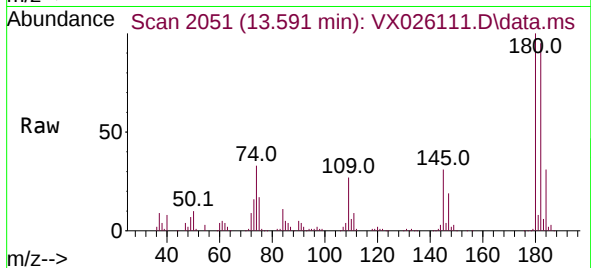
Lab File: VX026111.D

Acq: 28 Dec 2021 20:46

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 105544

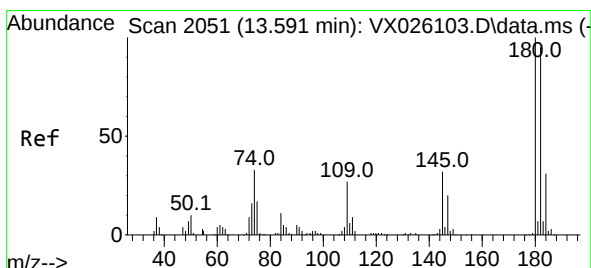
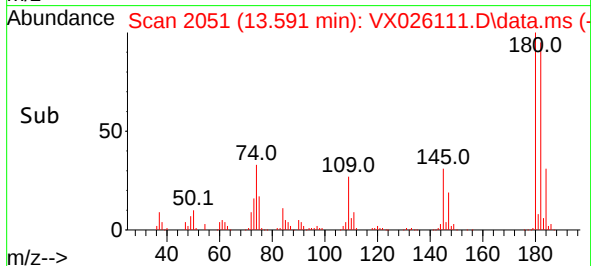
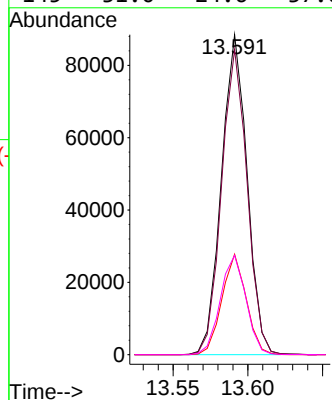
Ion Ratio Lower Upper

180 100

182 94.8 75.4 113.2

184 29.9 24.1 36.1

145 31.0 24.6 37.0



#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

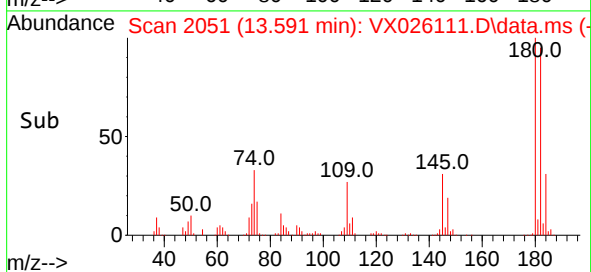
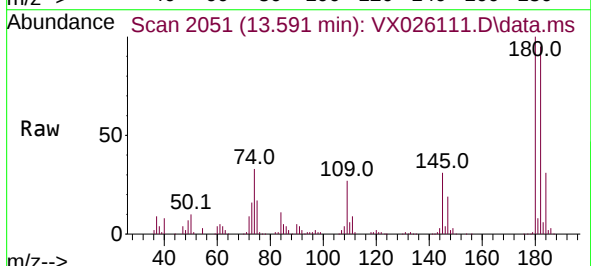
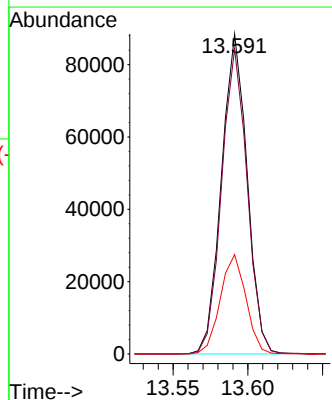
Tgt Ion:180 Resp: 105544

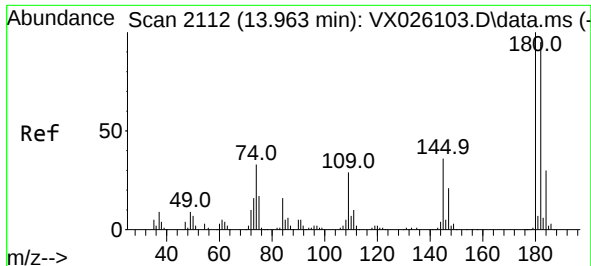
Ion Ratio Lower Upper

180 100

182 94.8 74.8 112.2

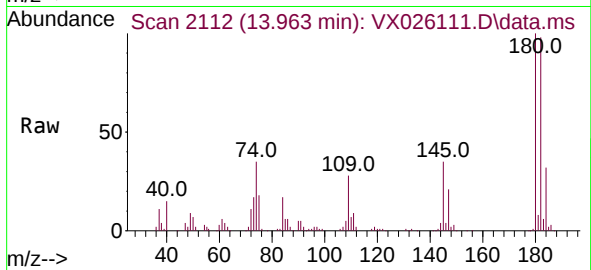
145 31.0 24.9 37.3





#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

Instrument :
 MSVOA_X
 ClientSampleId :



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

