

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122821\
 Data File : VX026117.D
 Acq On : 28 Dec 2021 23:05
 Operator : JC/MD
 Sample : M5216-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 29 04:35:11 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)

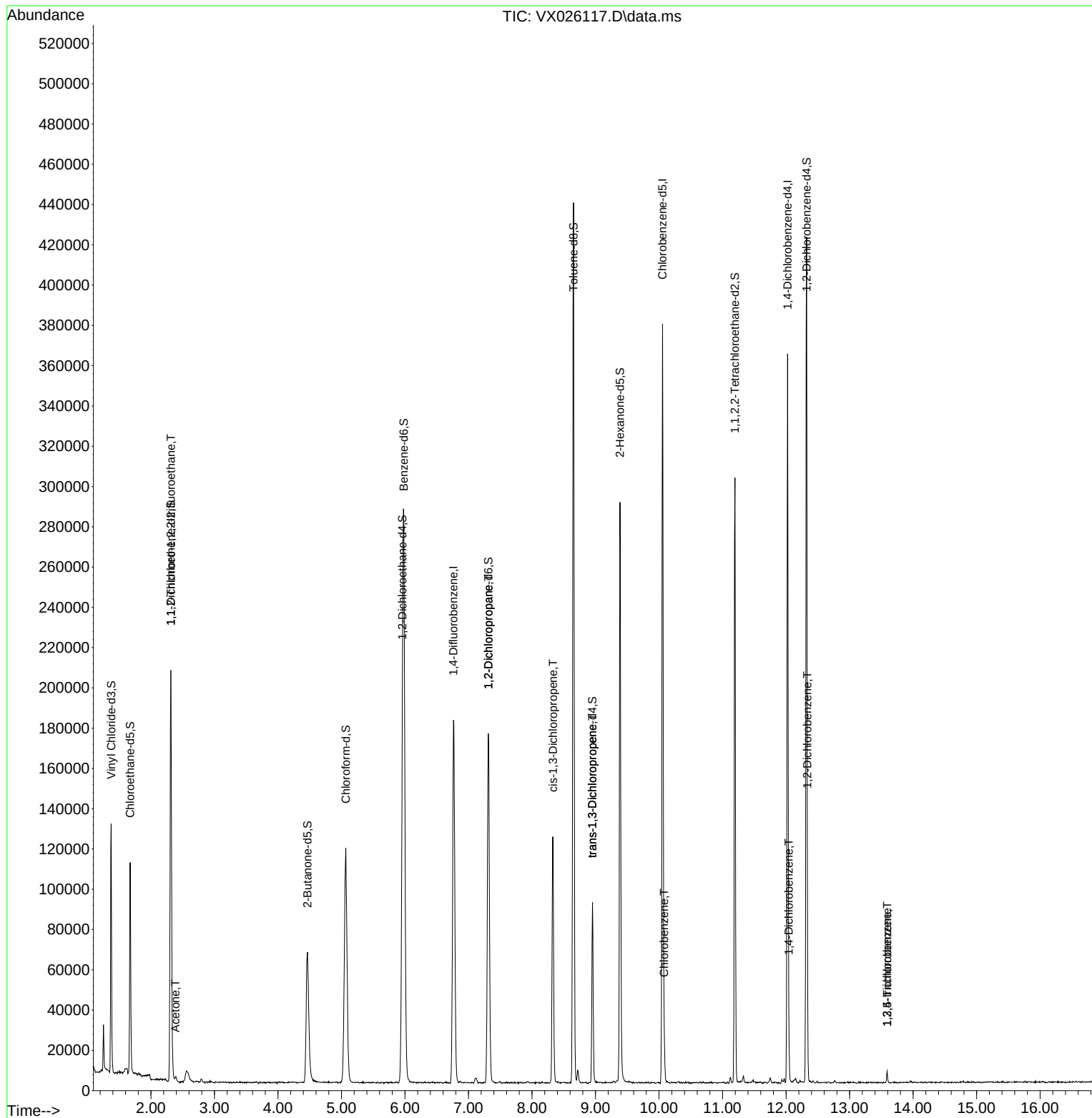
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	176182	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	153739	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	67167	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	80066	58.552	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 117.100%			
7) Chloroethane-d5	1.672	69	62414	62.786	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 125.580%			
11) 1,1-Dichloroethene-d2	2.313	63	115044	46.091	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.180%			
21) 2-Butanone-d5	4.465	46	117396	124.243	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 124.240%			
24) Chloroform-d	5.068	84	135485	58.341	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 116.680%			
26) 1,2-Dichloroethane-d4	5.958	65	91711	60.923	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 121.840%			
32) Benzene-d6	5.983	84	269964	60.907	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 121.820%			
36) 1,2-Dichloropropane-d6	7.312	67	83475	60.878	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 121.760%#			
41) Toluene-d8	8.653	98	240422	59.476	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 118.960%			
43) trans-1,3-Dichloroprop...	8.952	79	38717	57.844	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 115.680%			
47) 2-Hexanone-d5	9.385	63	80189	125.395	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 125.400%			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	109225	59.853	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 119.700%			
66) 1,2-Dichlorobenzene-d4	12.323	152	81161	63.345	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 126.700%#			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.313	101	1039	0.900	ug/L #	20
13) Acetone	2.386	43	1908	2.132	ug/L	100
37) 1,2-Dichloropropane	7.312	63	10187	8.717	ug/L #	86
39) cis-1,3-Dichloropropene	8.330	75	3219	1.786	ug/L #	71
44) trans-1,3-Dichloropropene	8.952	75	2204	1.276	ug/L	94
51) Chlorobenzene	10.080	112	7479	2.509	ug/L	97
65) 1,4-Dichlorobenzene	12.043	146	5205	2.582	ug/L	94
67) 1,2-Dichlorobenzene	12.335	146	4247	2.167	ug/L	96
69) 1,3,5-Trichlorobenzene	13.591	180	1369	1.024	ug/L	94
70) 1,2,4-trichlorobenzene	13.591	180	1369	1.138	ug/L	92

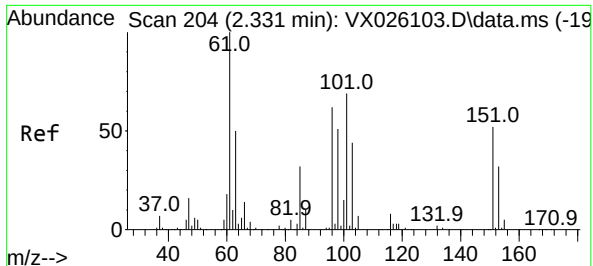
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#10

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

Concen: 0.900 ug/L

RT: 2.313 min Scan# 204

Delta R.T. -0.018 min

Lab File: VX026117.D

Acq: 28 Dec 2021 23:05

Instrument :

MSVOA_X

ClientSampleId :

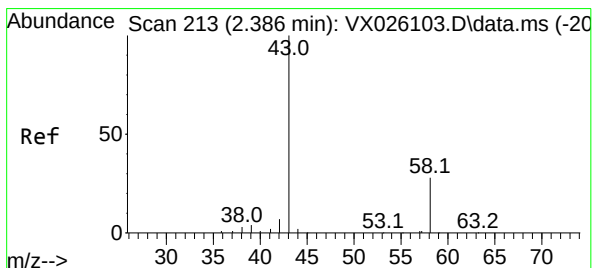
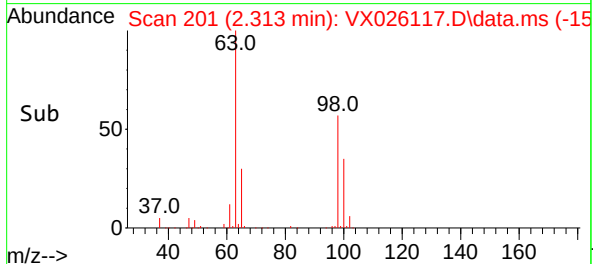
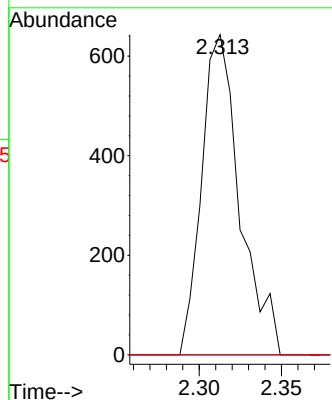
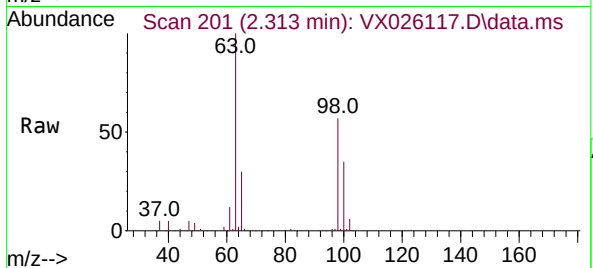
Tgt Ion:101 Resp: 1039

Ion Ratio Lower Upper

101 100

85 0.0 36.6 55.0#

151 0.0 58.5 87.7#



#13

Acetone

Concen: 2.132 ug/L

RT: 2.386 min Scan# 213

Delta R.T. 0.000 min

Lab File: VX026117.D

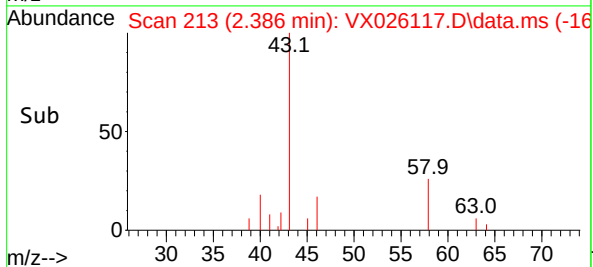
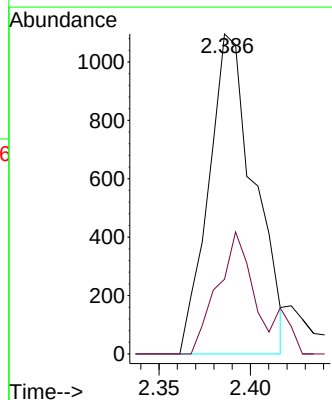
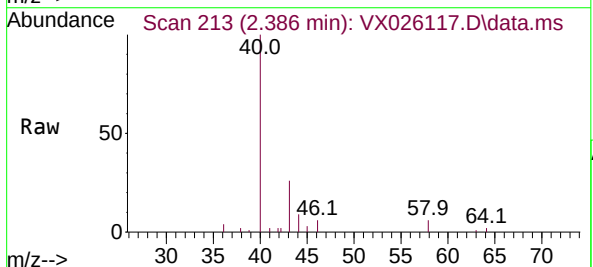
Acq: 28 Dec 2021 23:05

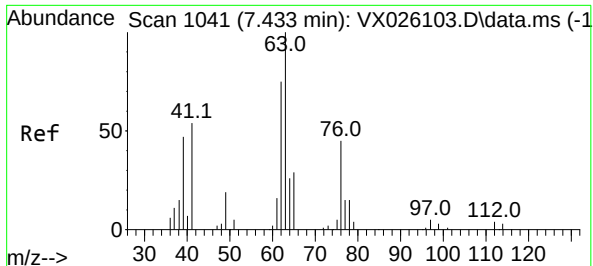
Tgt Ion: 43 Resp: 1908

Ion Ratio Lower Upper

43 100

58 29.1 0.0 58.2





#37

1,2-Dichloropropane

Concen: 8.717 ug/L

RT: 7.312 min Scan# 1187

Delta R.T. -0.122 min

Lab File: VX026117.D

Acq: 28 Dec 2021 23:05

Instrument :

MSVOA_X

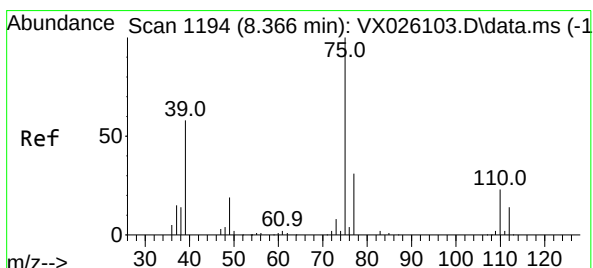
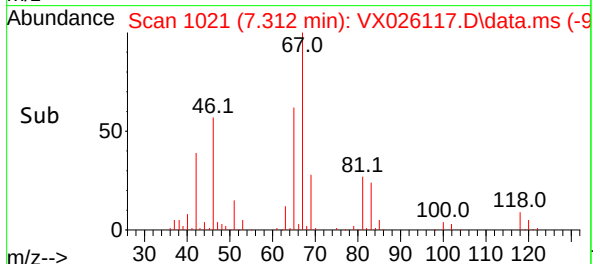
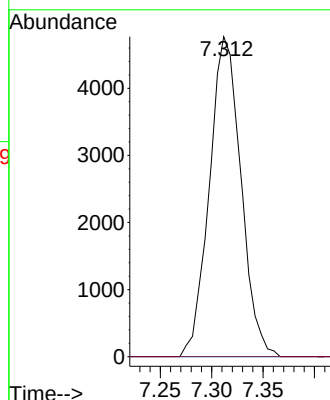
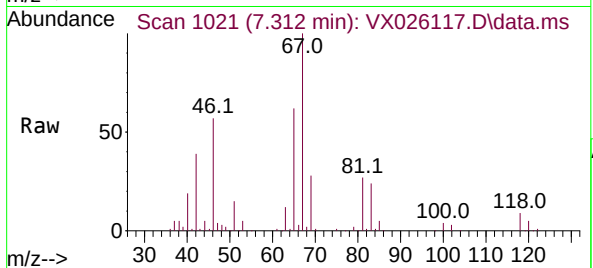
ClientSampleId :

Tgt Ion: 63 Resp: 10187

Ion Ratio Lower Upper

63 100

112 0.0 3.7 5.5#



#39

cis-1,3-Dichloropropene

Concen: 1.786 ug/L

RT: 8.330 min Scan# 1188

Delta R.T. -0.036 min

Lab File: VX026117.D

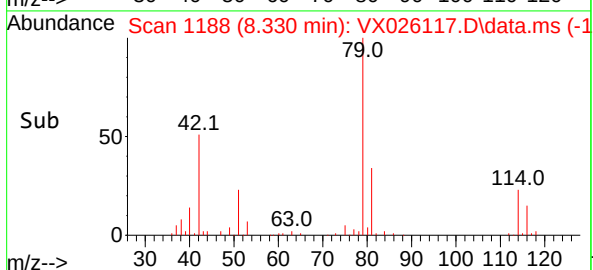
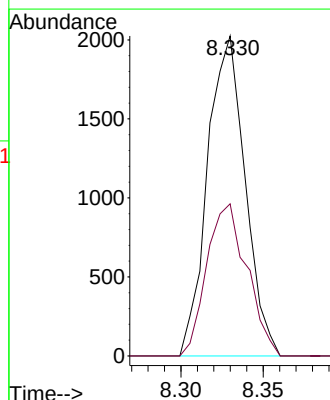
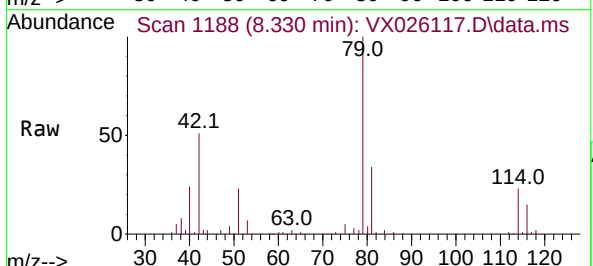
Acq: 28 Dec 2021 23:05

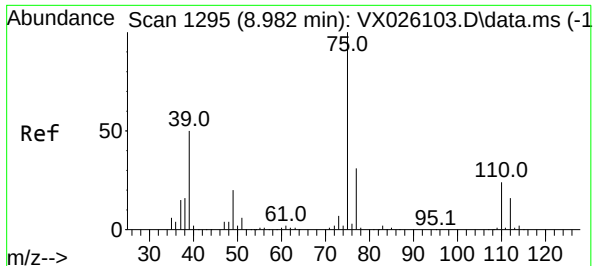
Tgt Ion: 75 Resp: 3219

Ion Ratio Lower Upper

75 100

77 47.6 22.0 41.0#





#44

trans-1,3-Dichloropropene

Concen: 1.276 ug/L

RT: 8.952 min Scan# 1295

Delta R.T. -0.030 min

Lab File: VX026117.D

Acq: 28 Dec 2021 23:05

Instrument :

MSVOA_X

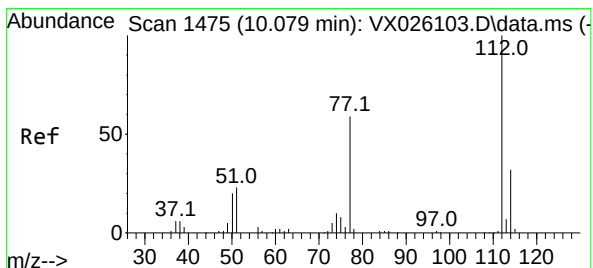
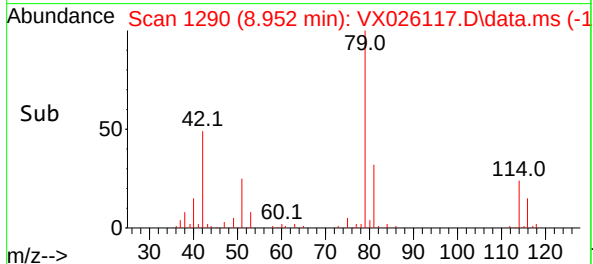
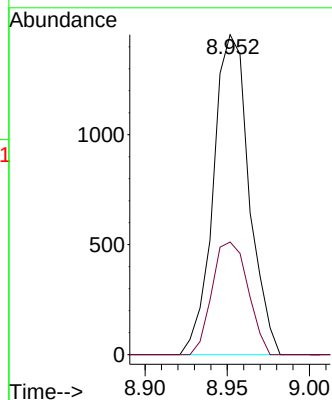
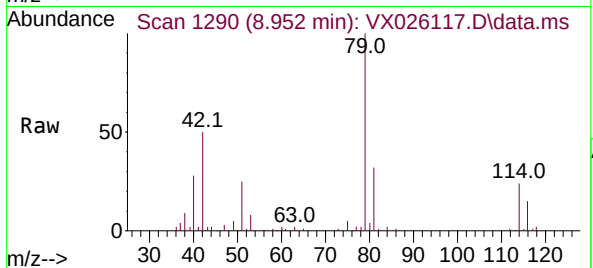
ClientSampleId :

Tgt Ion: 75 Resp: 2204

Ion Ratio Lower Upper

75 100

77 35.2 22.5 41.7



#51

Chlorobenzene

Concen: 2.509 ug/L

RT: 10.080 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX026117.D

Acq: 28 Dec 2021 23:05

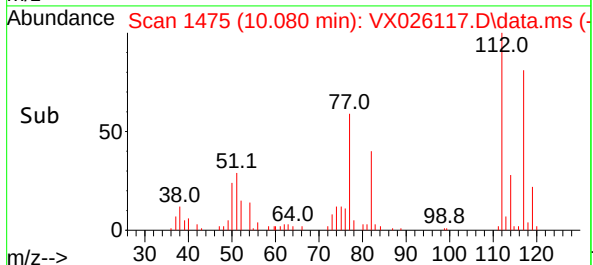
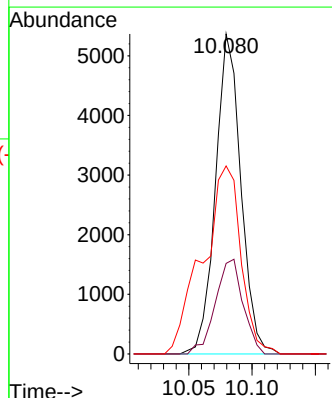
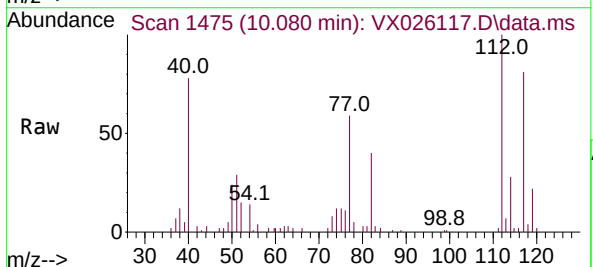
Tgt Ion: 112 Resp: 7479

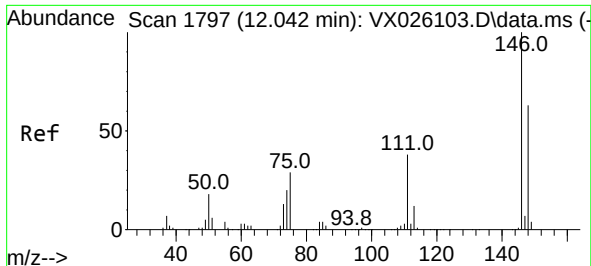
Ion Ratio Lower Upper

112 100

114 28.3 22.2 41.2

77 58.8 47.8 71.8





#65

1,4-Dichlorobenzene

Concen: 2.582 ug/L

RT: 12.043 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX026117.D

Acq: 28 Dec 2021 23:05

Instrument :

MSVOA_X

ClientSampleId :

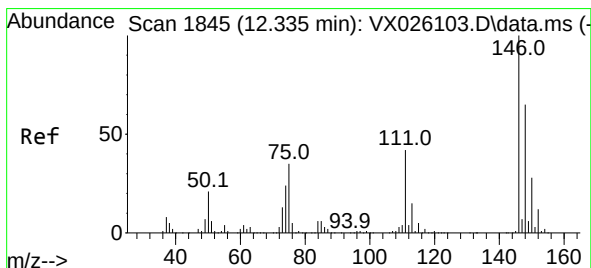
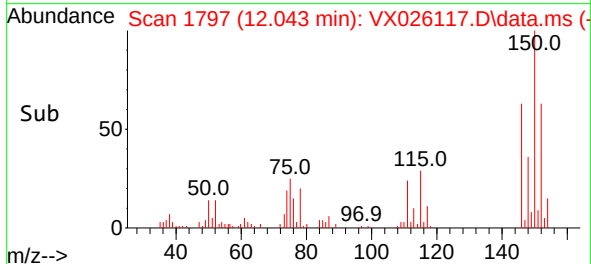
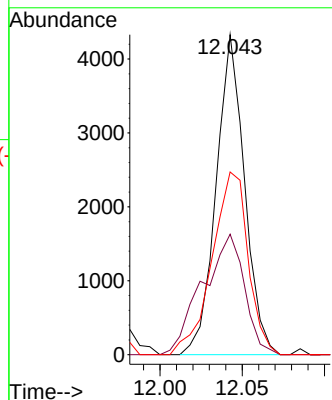
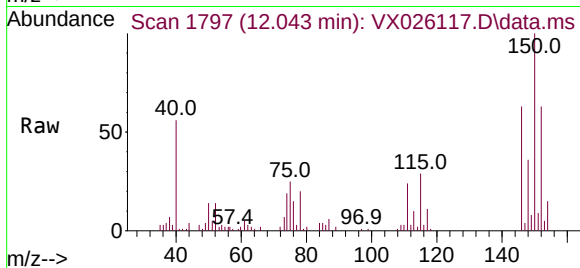
Tgt Ion:146 Resp: 5205

Ion Ratio Lower Upper

146 100

111 37.7 27.4 51.0

148 57.1 44.3 82.3



#67

1,2-Dichlorobenzene

Concen: 2.167 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX026117.D

Acq: 28 Dec 2021 23:05

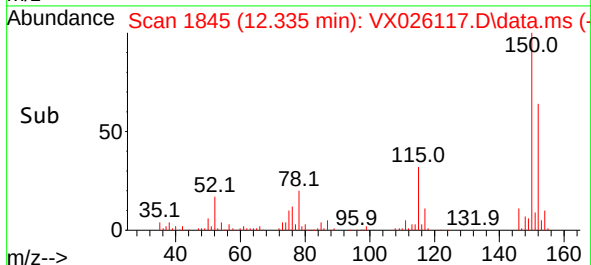
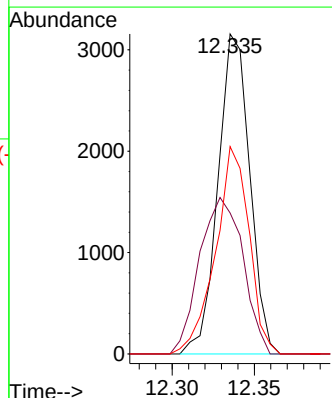
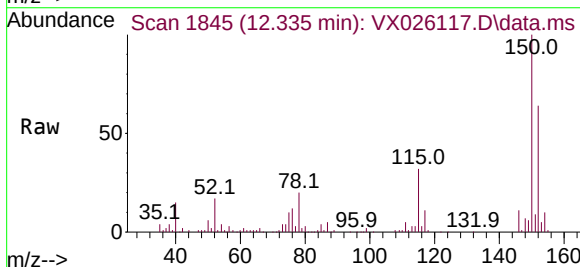
Tgt Ion:146 Resp: 4247

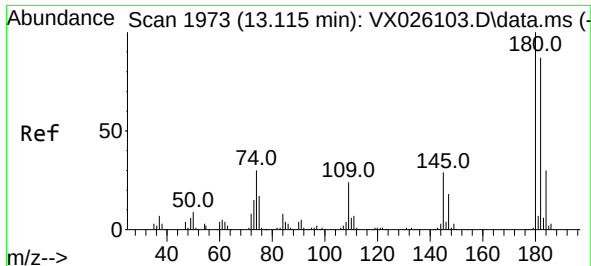
Ion Ratio Lower Upper

146 100

111 44.1 33.1 49.7

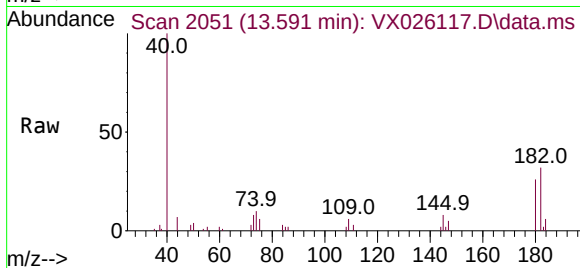
148 64.8 49.6 74.4



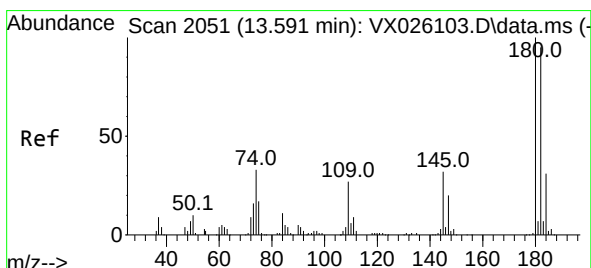
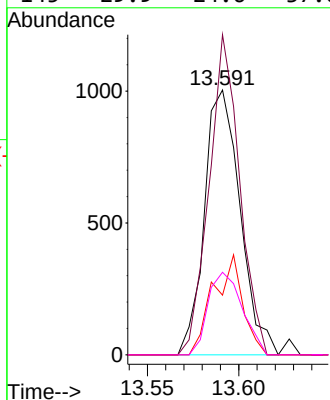
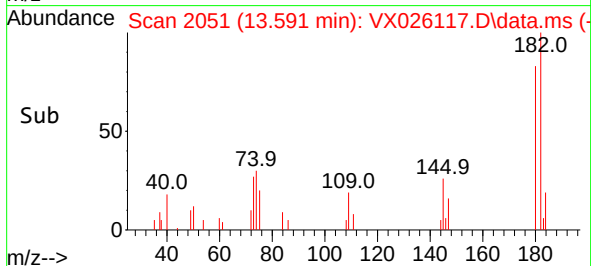


#69
 1,3,5-Trichlorobenzene
 Concen: 1.024 ug/L
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.476 min
 Lab File: VX026117.D
 Acq: 28 Dec 2021 23:05

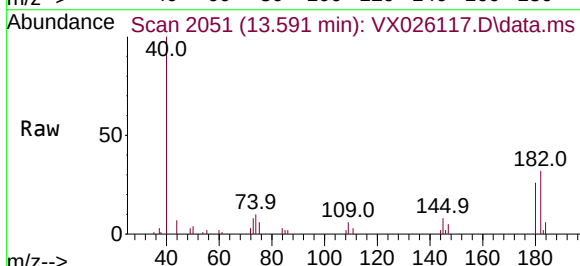
Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:180 Resp: 1369
 Ion Ratio Lower Upper
 180 100
 182 103.2 75.4 113.2
 184 31.1 24.1 36.1
 145 29.9 24.6 37.0



#70
 1,2,4-trichlorobenzene
 Concen: 1.138 ug/L
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.000 min
 Lab File: VX026117.D
 Acq: 28 Dec 2021 23:05



Tgt Ion:180 Resp: 1369
 Ion Ratio Lower Upper
 180 100
 182 103.2 74.8 112.2
 145 29.9 24.9 37.3

