

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122821\
 Data File : VX026118.D
 Acq On : 28 Dec 2021 23:28
 Operator : JC/MD
 Sample : M5233-04
 Misc : 8.73g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

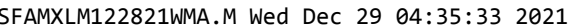
Quant Time: Dec 29 04:35:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 29 04:20:17 2021
 Response via : Initial Calibration

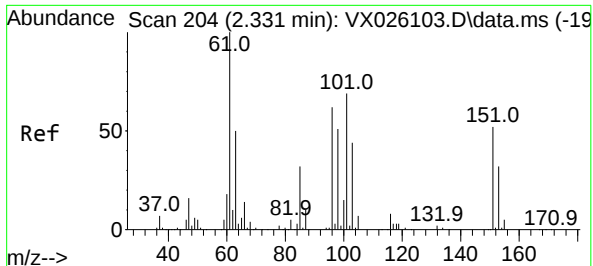
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	250979	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	220875	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	102161	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	119101	61.141	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 122.280%			
7) Chloroethane-d5	1.666	69	74855	52.860	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 105.720%			
11) 1,1-Dichloroethene-d2	2.294	63	191981	53.993	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery = 107.980%			
21) 2-Butanone-d5	4.483	46	155811	115.755	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 115.750%			
24) Chloroform-d	5.062	84	190186	57.489	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 114.980%			
26) 1,2-Dichloroethane-d4	5.964	65	144611	67.435	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 134.880%#			
32) Benzene-d6	5.977	84	436354	68.523	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 137.040%#			
36) 1,2-Dichloropropane-d6	7.312	67	132742	67.383	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 134.760%#			
41) Toluene-d8	8.653	98	385426	66.366	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 132.740%#			
43) trans-1,3-Dichloroprop...	8.952	79	59931	62.322	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 124.640%			
47) 2-Hexanone-d5	9.409	63	116944	127.286	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 127.290%			
56) 1,1,2,2-Tetrachloroeth...	11.201	84	171495	65.411	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 130.820%#			
66) 1,2-Dichlorobenzene-d4	12.323	152	135333	69.445	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 138.900%#			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.288	101	1827	1.111	ug/L #	20
25) Chloroform	5.105	83	29354	9.630	ug/L	96
35) Methylcyclohexane	7.312	83	31795	12.005	ug/L #	18
37) 1,2-Dichloropropane	7.312	63	16031	9.548	ug/L #	86
39) cis-1,3-Dichloropropene	8.324	75	4984	1.925	ug/L	84
42) Toluene	8.726	91	6210	0.894	ug/L	98
44) trans-1,3-Dichloropropene	8.952	75	3279	1.322	ug/L	84
48) 2-Hexanone	9.409	43	15431	6.916	ug/L #	69
51) Chlorobenzene	10.086	112	6271	1.464	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	4838	1.578	ug/L	92
67) 1,2-Dichlorobenzene	12.341	146	3658	1.227	ug/L #	85

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

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QLast Update : Wed Dec 29 04:20:17 2021
Response via : Initial Calibration





#10

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

Concen: 1.111 ug/L

RT: 2.288 min Scan# 197

Delta R.T. -0.042 min

Lab File: VX026118.D

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Instrument :

MSVOA_X

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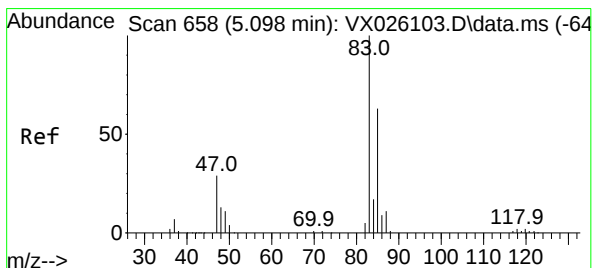
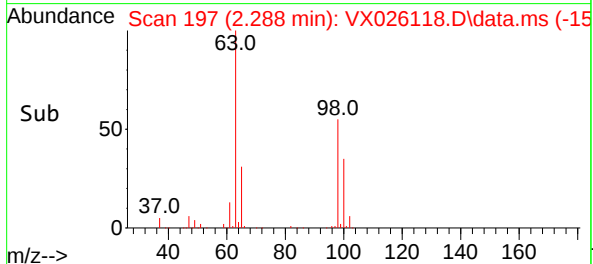
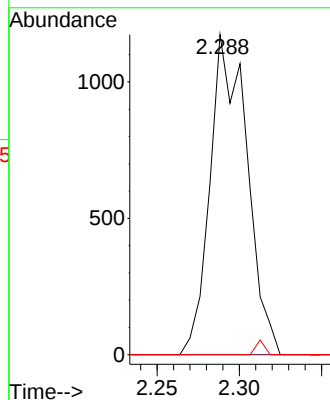
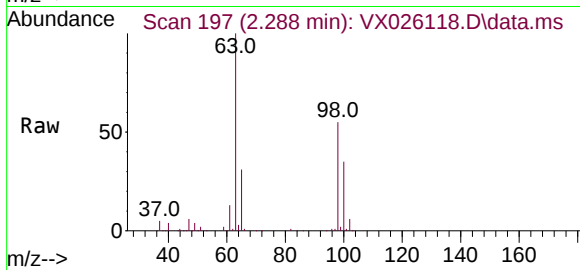
Tgt Ion:101 Resp: 1827

Ion Ratio Lower Upper

101 100

85 0.0 36.6 55.0#

151 0.0 58.5 87.7#



#25

Chloroform

Concen: 9.630 ug/L

RT: 5.105 min Scan# 659

Delta R.T. 0.006 min

Lab File: VX026118.D

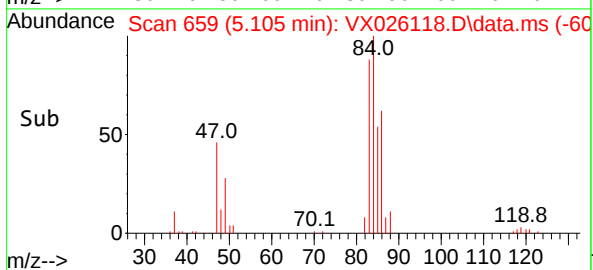
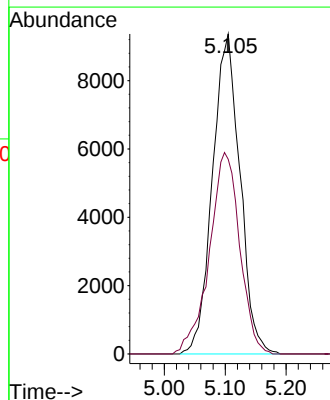
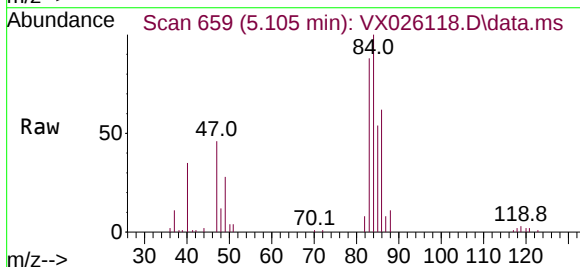
Acq: 28 Dec 2021 23:28

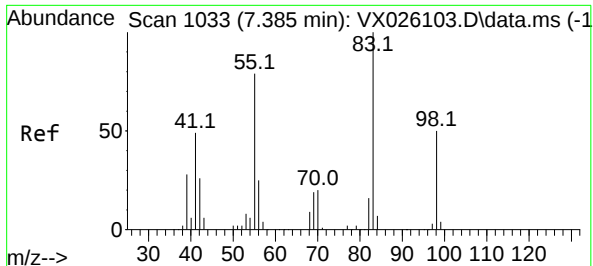
Tgt Ion: 83 Resp: 29354

Ion Ratio Lower Upper

83 100

85 60.8 44.5 82.7





#35

Methylcyclohexane

Concen: 12.005 ug/L

RT: 7.312 min Scan# 1021

Delta R.T. -0.073 min

Lab File: VX026118.D

Acq: 28 Dec 2021 23:28

Instrument :

MSVOA_X

ClientSampleId :

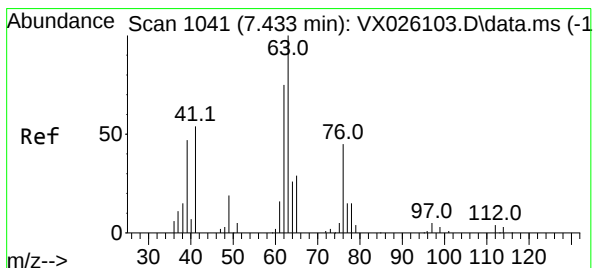
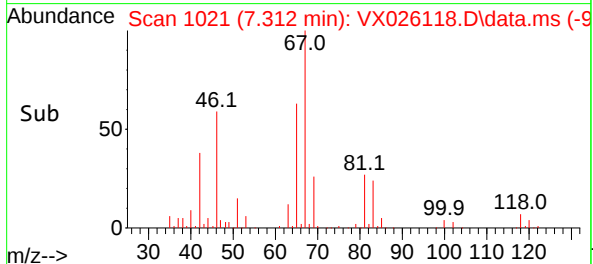
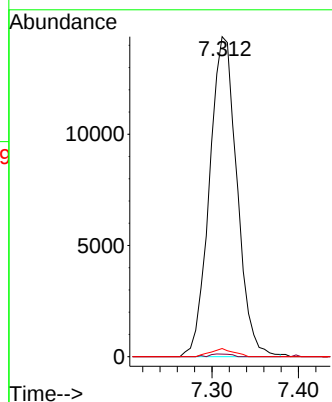
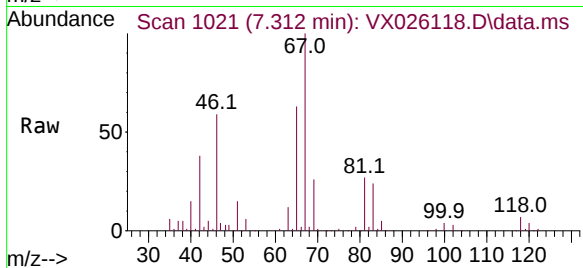
Tgt Ion: 83 Resp: 31795

Ion Ratio Lower Upper

83 100

55 0.6 62.9 94.3#

98 2.1 40.6 61.0#



#37

1,2-Dichloropropane

Concen: 9.548 ug/L

RT: 7.312 min Scan# 1021

Delta R.T. -0.122 min

Lab File: VX026118.D

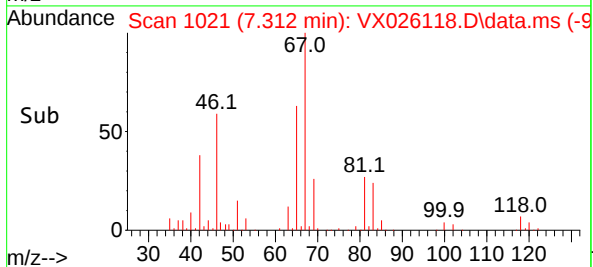
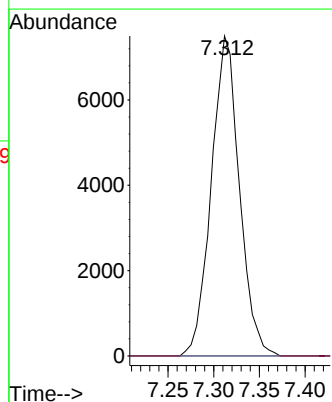
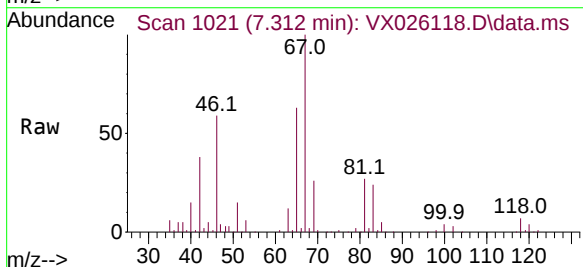
Acq: 28 Dec 2021 23:28

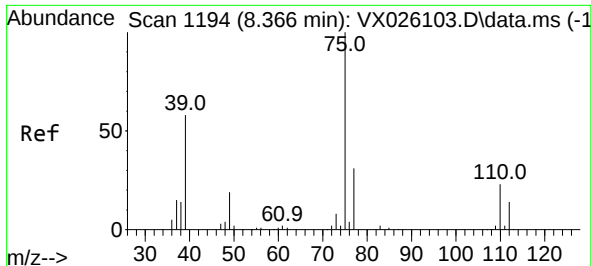
Tgt Ion: 63 Resp: 16031

Ion Ratio Lower Upper

63 100

112 0.0 3.7 5.5#





#39

cis-1,3-Dichloropropene

Concen: 1.925 ug/L

RT: 8.324 min Scan# 1187

Delta R.T. -0.042 min

Lab File: VX026118.D

Acq: 28 Dec 2021 23:28

Instrument :

MSVOA_X

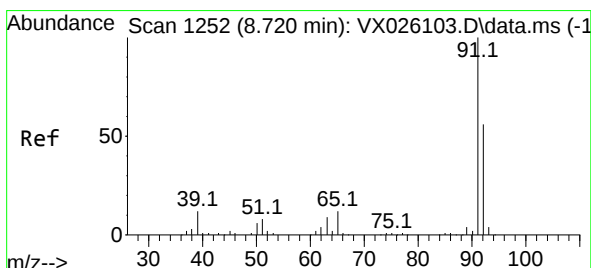
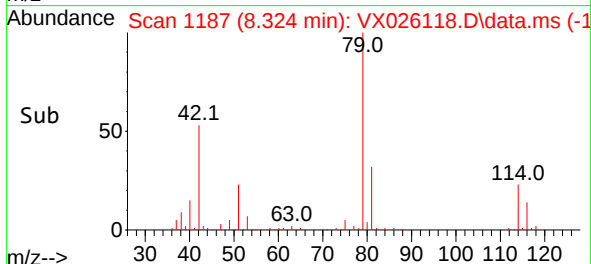
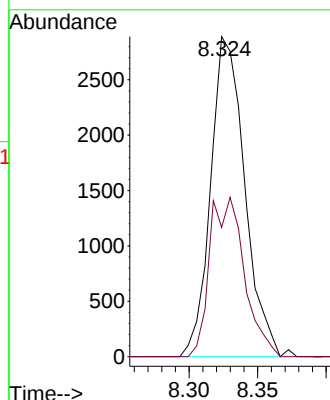
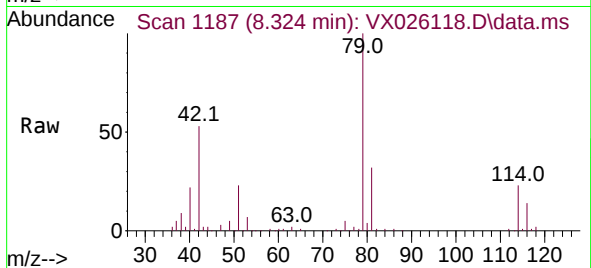
ClientSampleId :

Tgt Ion: 75 Resp: 4984

Ion Ratio Lower Upper

75 100

77 40.4 22.0 41.0



#42

Toluene

Concen: 0.894 ug/L

RT: 8.726 min Scan# 1253

Delta R.T. 0.006 min

Lab File: VX026118.D

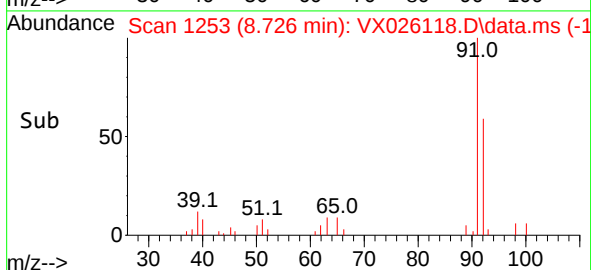
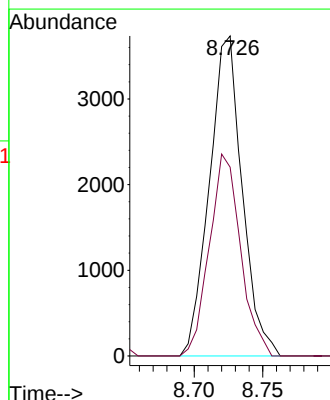
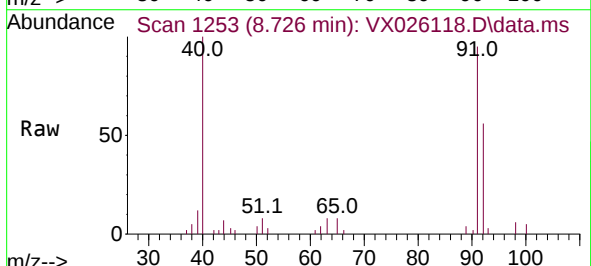
Acq: 28 Dec 2021 23:28

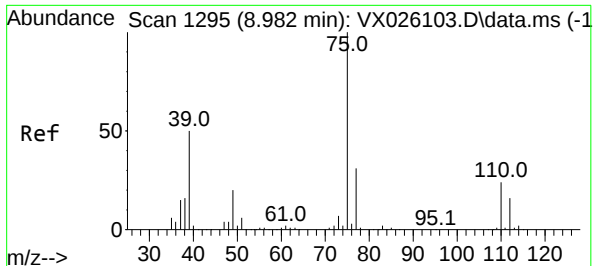
Tgt Ion: 91 Resp: 6210

Ion Ratio Lower Upper

91 100

92 59.0 40.1 74.5

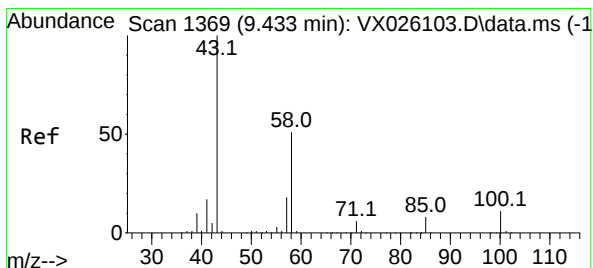
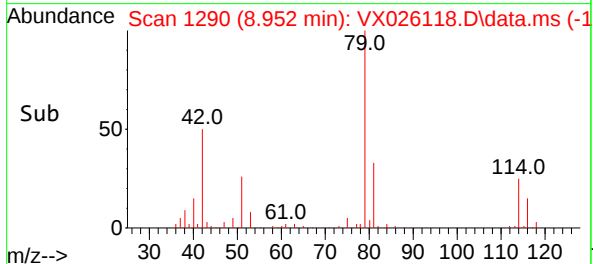
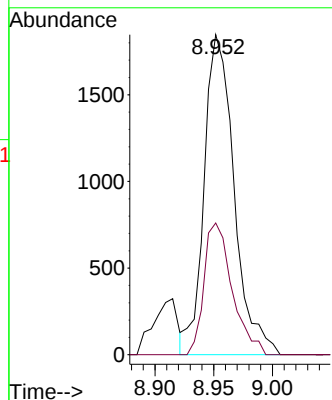
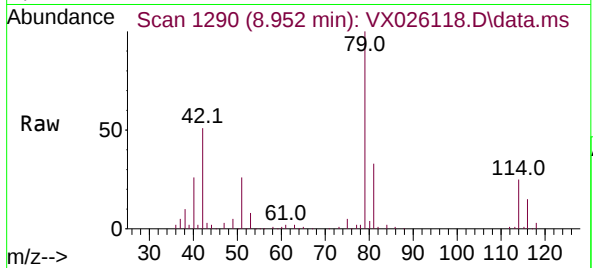




#44
trans-1,3-Dichloropropene
Concen: 1.322 ug/L
RT: 8.952 min Scan# 11
Delta R.T. -0.030 min
Lab File: VX026118.D
Acq: 28 Dec 2021 23:28

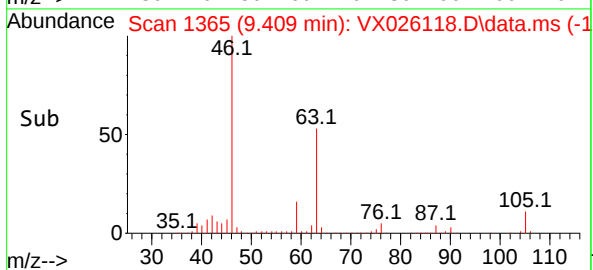
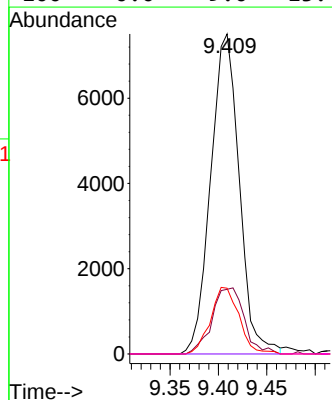
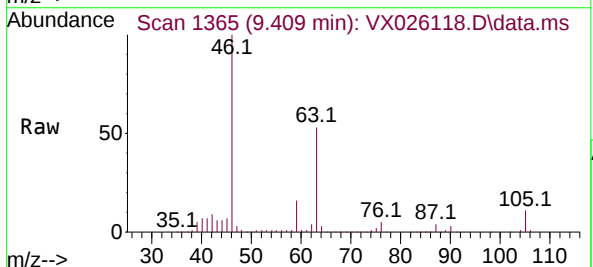
Instrument :
MSVOA_X
ClientSampleId :

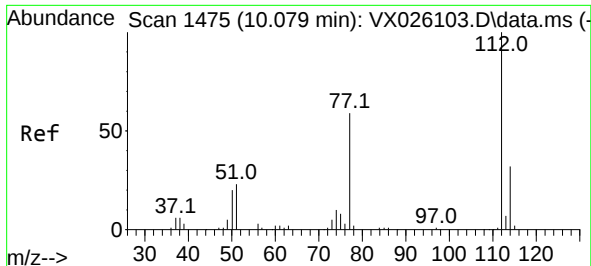
Tgt Ion: 75 Resp: 3279
Ion Ratio Lower Upper
75 100
77 41.1 22.5 41.7



#48
2-Hexanone
Concen: 6.916 ug/L
RT: 9.409 min Scan# 1365
Delta R.T. -0.024 min
Lab File: VX026118.D
Acq: 28 Dec 2021 23:28

Tgt Ion: 43 Resp: 15431
Ion Ratio Lower Upper
43 100
58 23.2 40.8 61.2#
57 20.8 14.3 21.5
100 0.0 9.0 13.4#

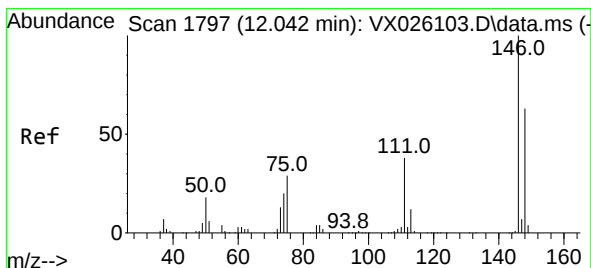
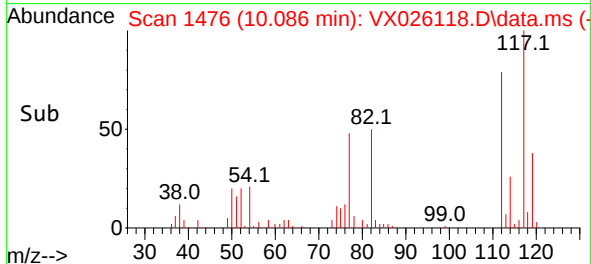
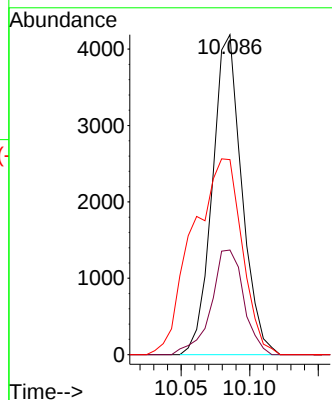
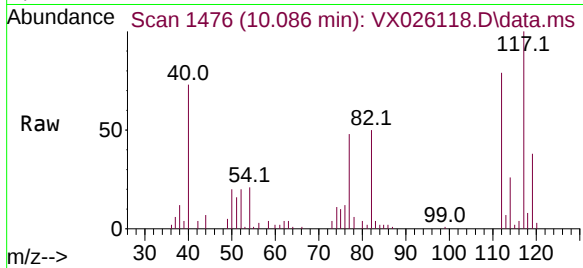




#51
Chlorobenzene
Concen: 1.464 ug/L
RT: 10.086 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VX026118.D
Acq: 28 Dec 2021 23:28

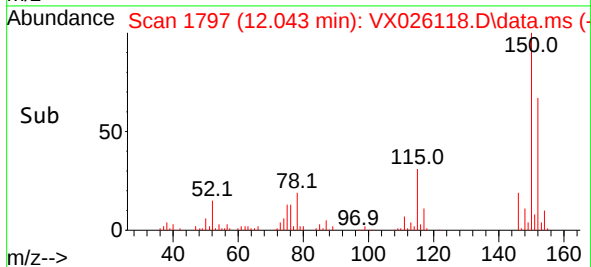
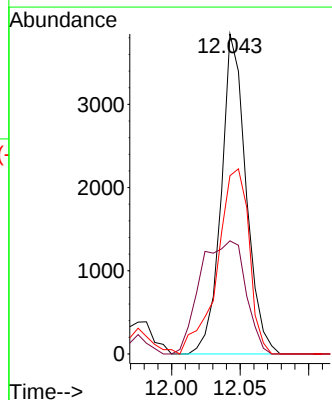
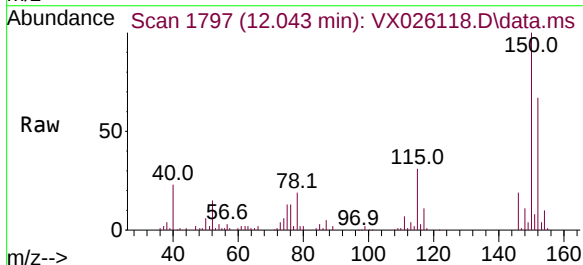
Instrument :
MSVOA_X
ClientSampleId :

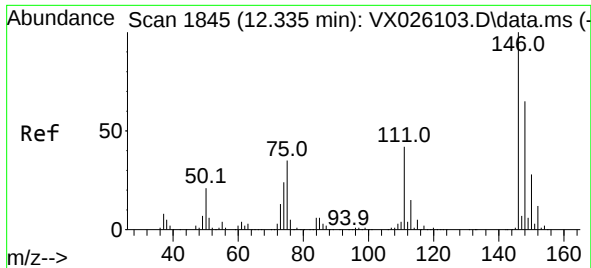
Tgt Ion:112 Resp: 6271
Ion Ratio Lower Upper
112 100
114 32.7 22.2 41.2
77 61.0 47.8 71.8



#65
1,4-Dichlorobenzene
Concen: 1.578 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX026118.D
Acq: 28 Dec 2021 23:28

Tgt Ion:146 Resp: 4838
Ion Ratio Lower Upper
146 100
111 35.4 27.4 51.0
148 55.7 44.3 82.3





#67

1,2-Dichlorobenzene

Concen: 1.227 ug/L

RT: 12.341 min Scan# 11

Delta R.T. 0.006 min

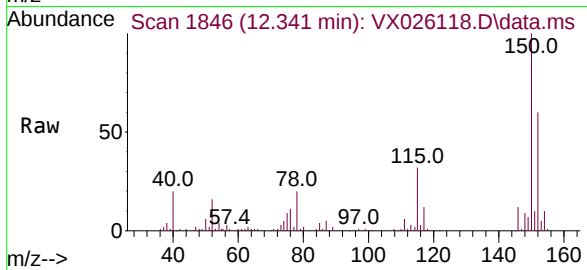
Lab File: VX026118.D

Acq: 28 Dec 2021 23:28

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:146 Resp: 3658

Ion Ratio Lower Upper

146 100

111 48.4 33.1 49.7

148 75.3 49.6 74.4#

