

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122821\
 Data File : VX026114.D
 Acq On : 28 Dec 2021 21:55
 Operator : JC/MD
 Sample : M5216-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 29 04:34:25 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)

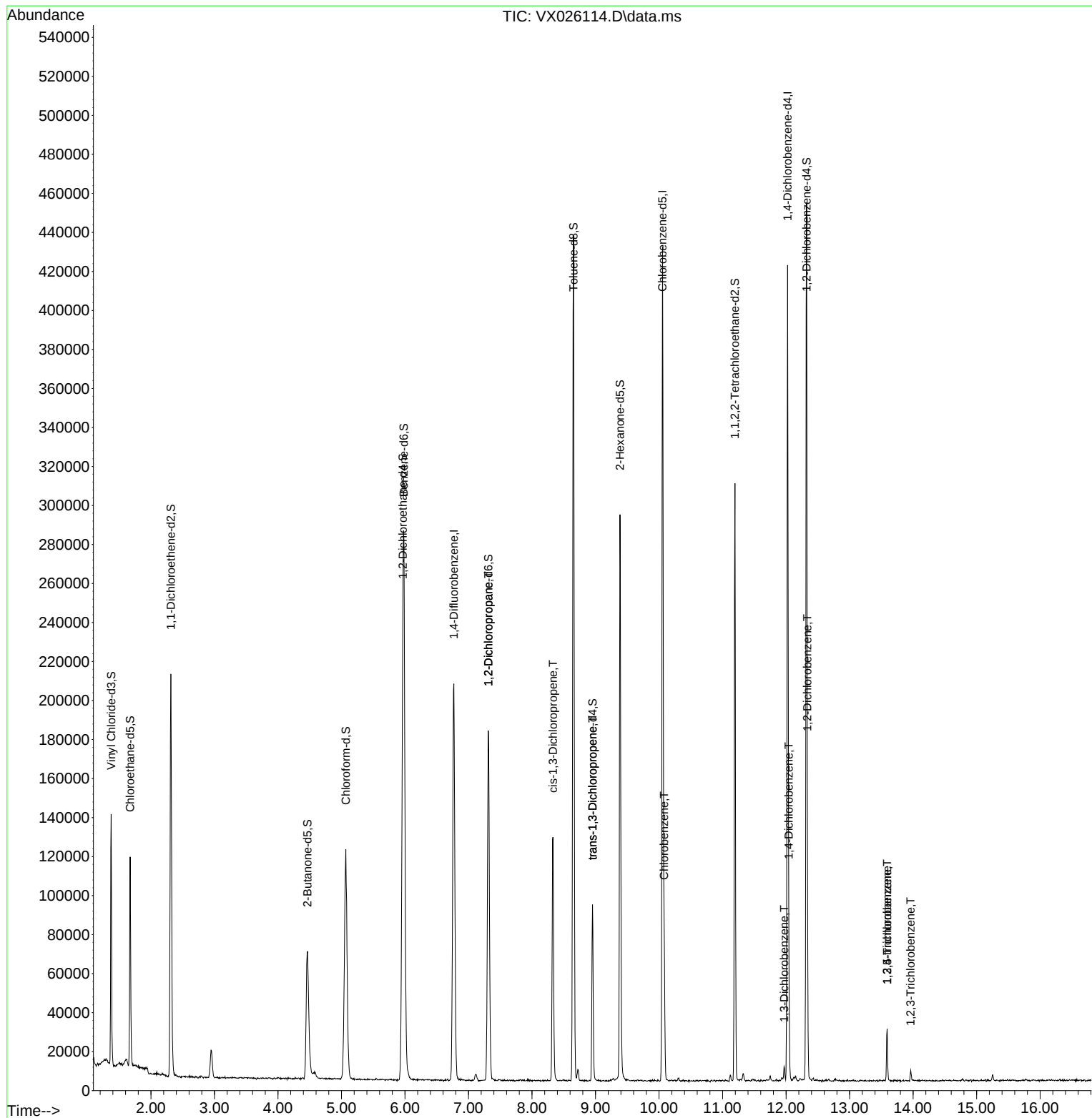
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	199322	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	175144	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	77329	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	82009	53.010	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	106.020%
7) Chloroethane-d5	1.672	69	61926	55.063	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	110.120%
11) 1,1-Dichloroethene-d2	2.312	63	115423	40.874	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.740%
21) 2-Butanone-d5	4.465	46	119897	112.158	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.160%
24) Chloroform-d	5.068	84	134673	51.259	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.520%
26) 1,2-Dichloroethane-d4	5.964	65	91333	53.628	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.260%
32) Benzene-d6	5.983	84	269353	53.342	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.680%
36) 1,2-Dichloropropane-d6	7.312	67	84678	54.208	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.420%
41) Toluene-d8	8.653	98	241472	52.435	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.880%
43) trans-1,3-Dichloroprop...	8.952	79	39579	51.905	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.800%
47) 2-Hexanone-d5	9.384	63	80041	109.867	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.870%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	109497	52.669	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.340%
66) 1,2-Dichlorobenzene-d4	12.323	152	81969	55.569	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.140%
Target Compounds						
					Qvalue	
37) 1,2-Dichloropropane	7.312	63	10178	7.645	ug/L #	86
39) cis-1,3-Dichloropropene	8.330	75	3536	1.722	ug/L #	68
44) trans-1,3-Dichloropropene	8.952	75	2074	1.054	ug/L	84
51) Chlorobenzene	10.079	112	26898	7.921	ug/L	96
64) 1,3-Dichlorobenzene	11.969	146	2340	1.033	ug/L	97
65) 1,4-Dichlorobenzene	12.042	146	18843	8.119	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	15480	6.860	ug/L	95
69) 1,3,5-Trichlorobenzene	13.591	180	5829	3.787	ug/L	95
70) 1,2,4-trichlorobenzene	13.591	180	5829	4.207	ug/L	95
72) 1,2,3-Trichlorobenzene	13.963	180	1353	0.962	ug/L	95

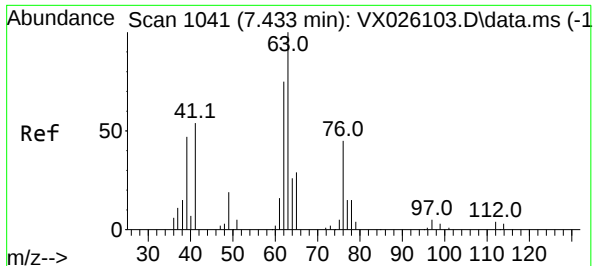
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122821WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 29 04:20:17 2021
Response via : Initial Calibration





#37

1,2-Dichloropropane

Concen: 7.645 ug/L

RT: 7.312 min Scan# 1

Delta R.T. -0.122 min

Lab File: VX026114.D

Acq: 28 Dec 2021 21:55

Instrument :

MSVOA_X

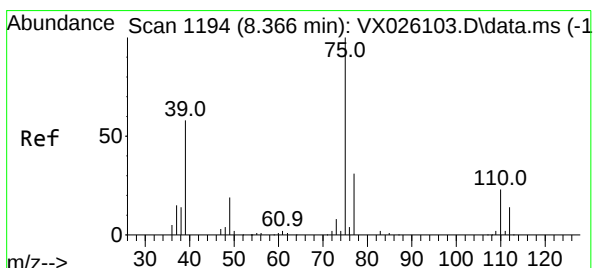
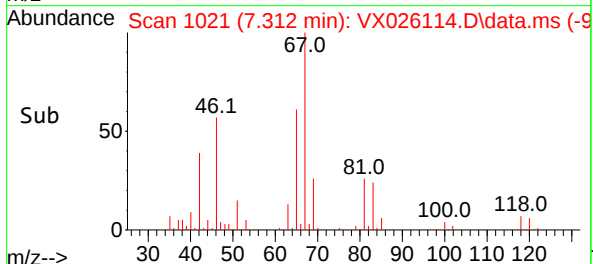
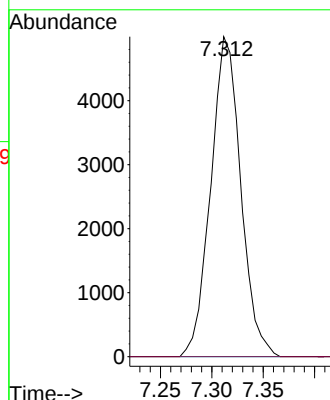
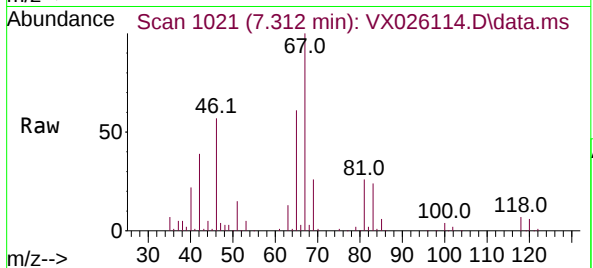
ClientSampleId :

Tgt Ion: 63 Resp: 10178

Ion Ratio Lower Upper

63 100

112 0.0 3.7 5.5#



#39

cis-1,3-Dichloropropene

Concen: 1.722 ug/L

RT: 8.330 min Scan# 1188

Delta R.T. -0.037 min

Lab File: VX026114.D

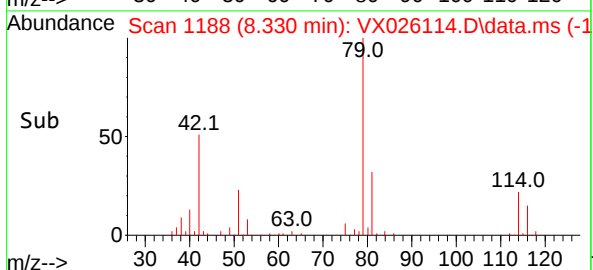
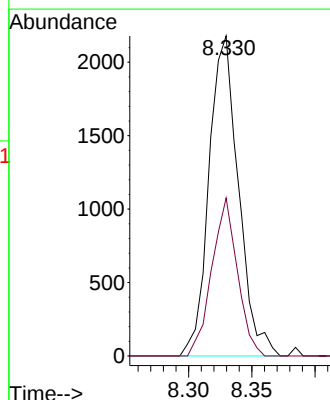
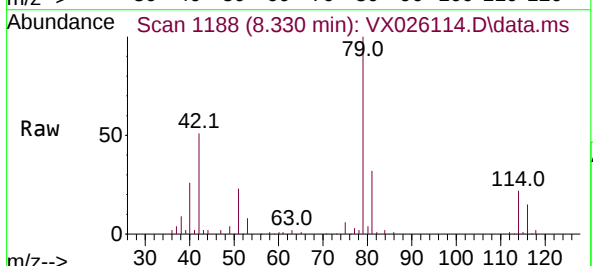
Acq: 28 Dec 2021 21:55

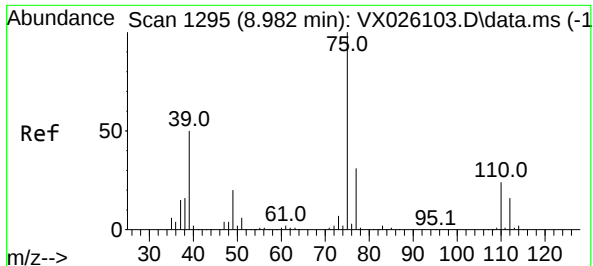
Tgt Ion: 75 Resp: 3536

Ion Ratio Lower Upper

75 100

77 49.4 22.0 41.0#

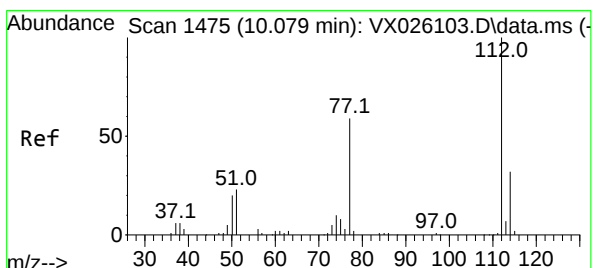
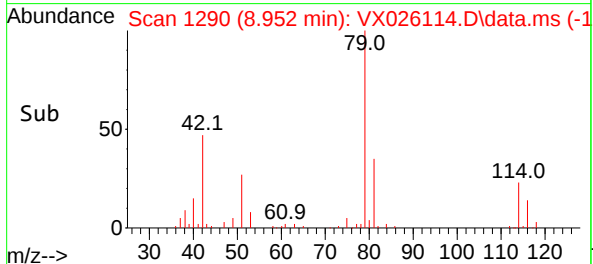
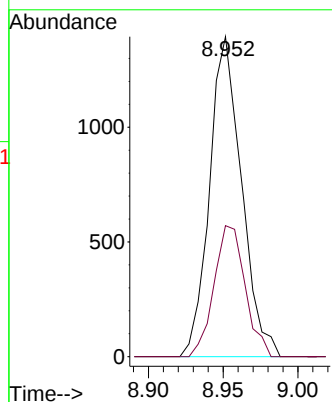
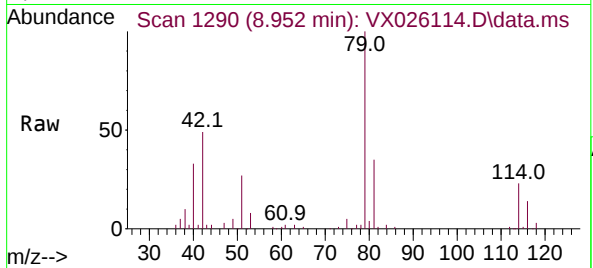




#44
trans-1,3-Dichloropropene
Concen: 1.054 ug/L
RT: 8.952 min Scan# 11
Delta R.T. -0.030 min
Lab File: VX026114.D
Acq: 28 Dec 2021 21:55

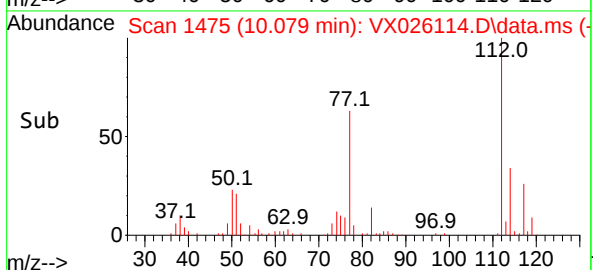
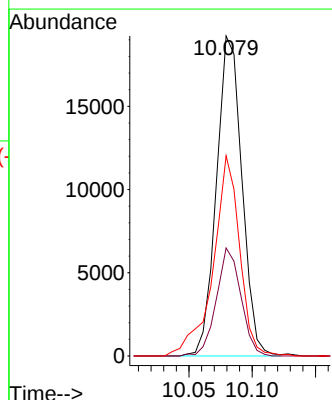
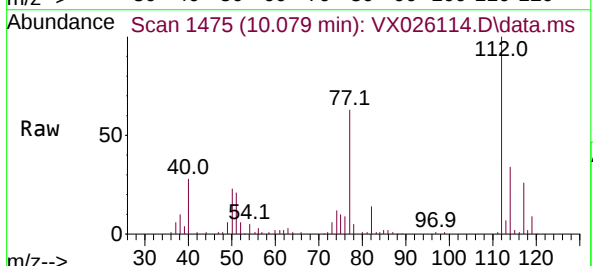
Instrument :
MSVOA_X
ClientSampleId :

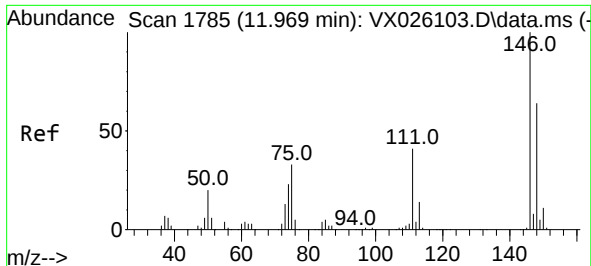
Tgt Ion: 75 Resp: 2074
Ion Ratio Lower Upper
75 100
77 40.9 22.5 41.7



#51
Chlorobenzene
Concen: 7.921 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX026114.D
Acq: 28 Dec 2021 21:55

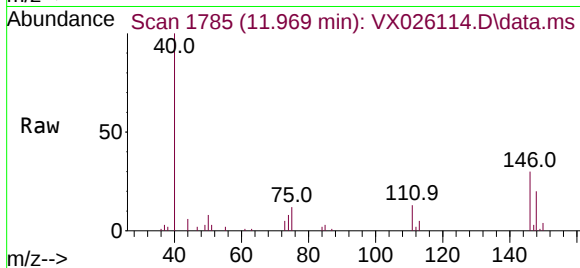
Tgt Ion: 112 Resp: 26898
Ion Ratio Lower Upper
112 100
114 33.7 22.2 41.2
77 62.5 47.8 71.8



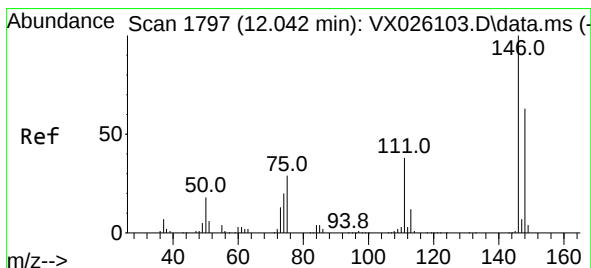
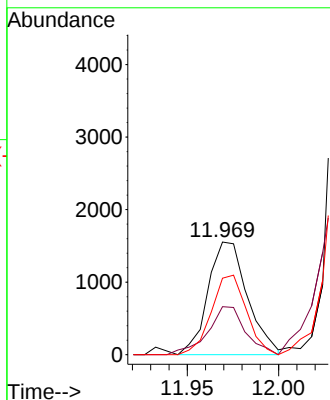
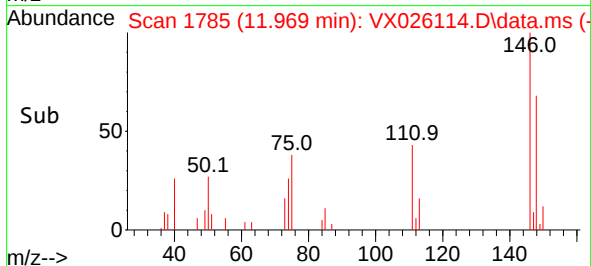


#64
1,3-Dichlorobenzene
Concen: 1.033 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX026114.D
Acq: 28 Dec 2021 21:55

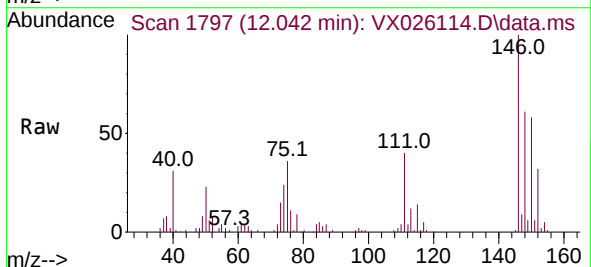
Instrument :
MSVOA_X
ClientSampleId :



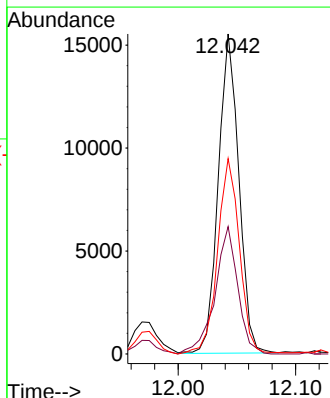
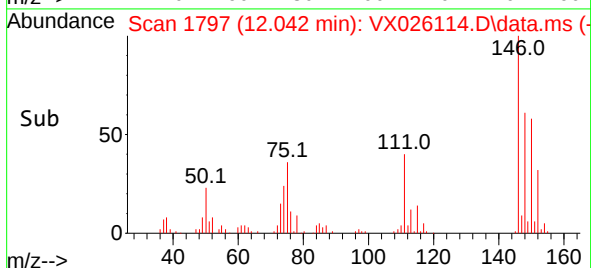
Tgt Ion:146 Resp: 2340
Ion Ratio Lower Upper
146 100
111 42.7 29.4 54.6
148 67.9 45.1 83.9

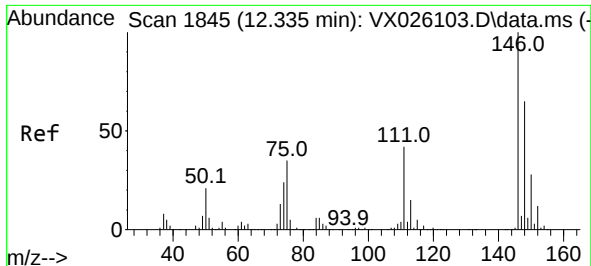


#65
1,4-Dichlorobenzene
Concen: 8.119 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX026114.D
Acq: 28 Dec 2021 21:55



Tgt Ion:146 Resp: 18843
Ion Ratio Lower Upper
146 100
111 39.8 27.4 51.0
148 61.1 44.3 82.3

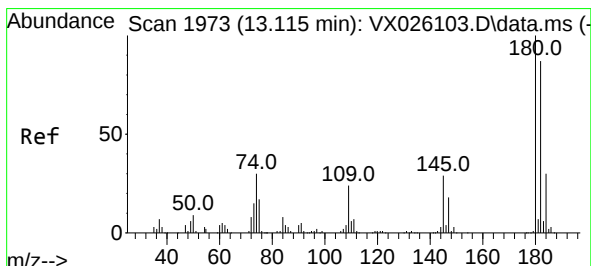
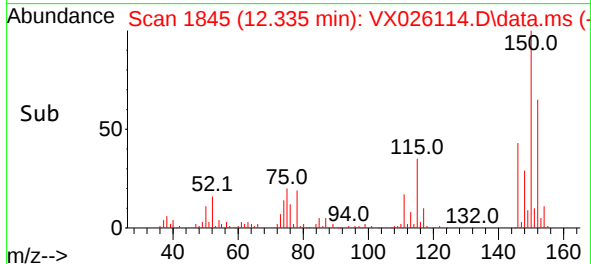
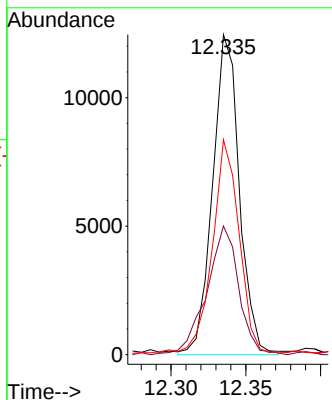
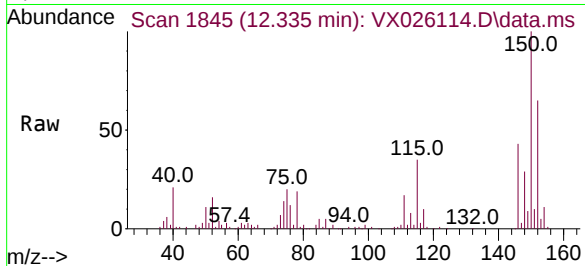




#67
1,2-Dichlorobenzene
Concen: 6.860 ug/L
RT: 12.335 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026114.D
Acq: 28 Dec 2021 21:55

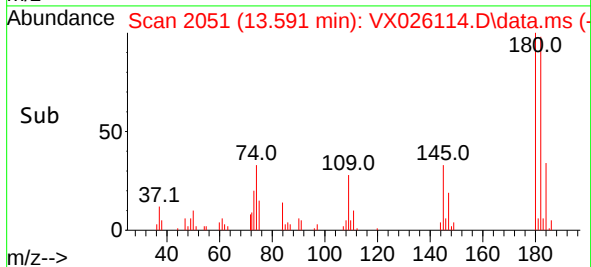
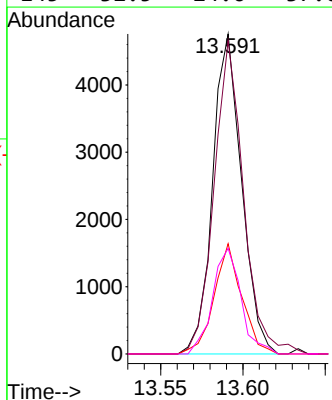
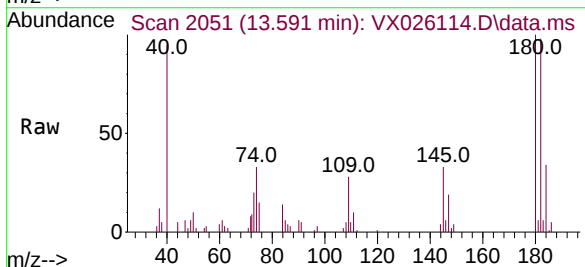
Instrument :
MSVOA_X
ClientSampleId :

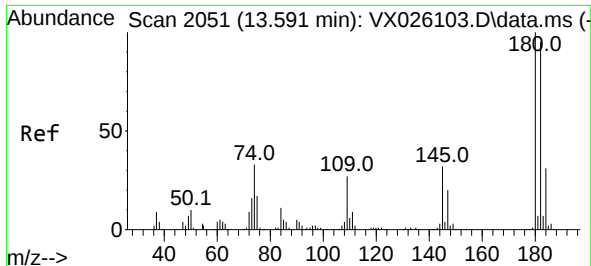
Tgt Ion:146 Resp: 15480
Ion Ratio Lower Upper
146 100
111 40.2 33.1 49.7
148 67.2 49.6 74.4



#69
1,3,5-Trichlorobenzene
Concen: 3.787 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.476 min
Lab File: VX026114.D
Acq: 28 Dec 2021 21:55

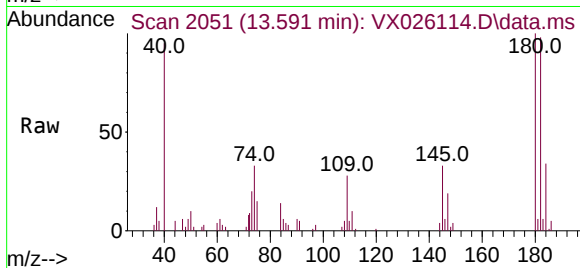
Tgt Ion:180 Resp: 5829
Ion Ratio Lower Upper
180 100
182 99.6 75.4 113.2
184 33.0 24.1 36.1
145 32.5 24.6 37.0



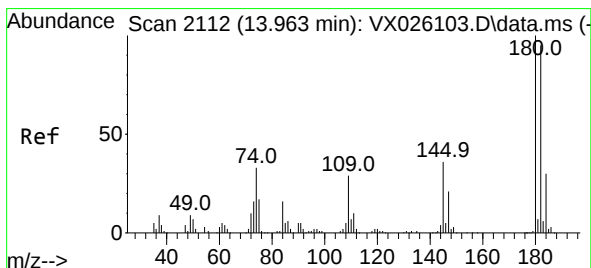
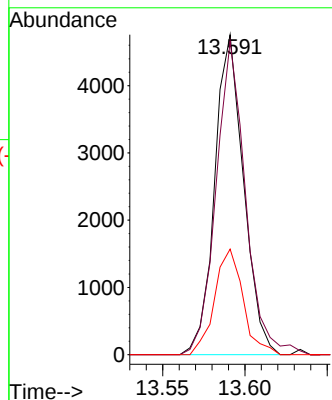
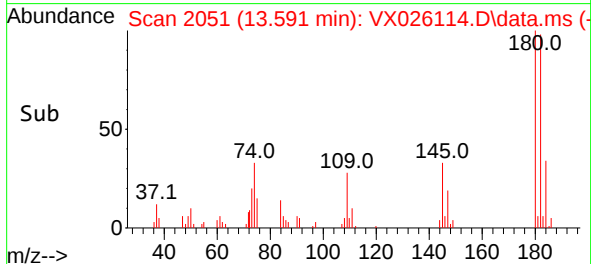


#70
1,2,4-trichlorobenzene
Concen: 4.207 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX026114.D
Acq: 28 Dec 2021 21:55

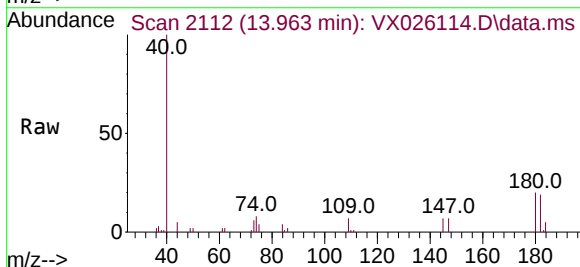
Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:180 Resp: 5829
Ion Ratio Lower Upper
180 100
182 99.6 74.8 112.2
145 32.5 24.9 37.3



#72
1,2,3-Trichlorobenzene
Concen: 0.962 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX026114.D
Acq: 28 Dec 2021 21:55



Tgt Ion:180 Resp: 1353
Ion Ratio Lower Upper
180 100
182 92.8 76.6 115.0
145 39.2 26.6 39.8

