

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122821\
 Data File : VX026113.D
 Acq On : 28 Dec 2021 21:32
 Operator : JC/MD
 Sample : M5216-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 29 04:34:12 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)

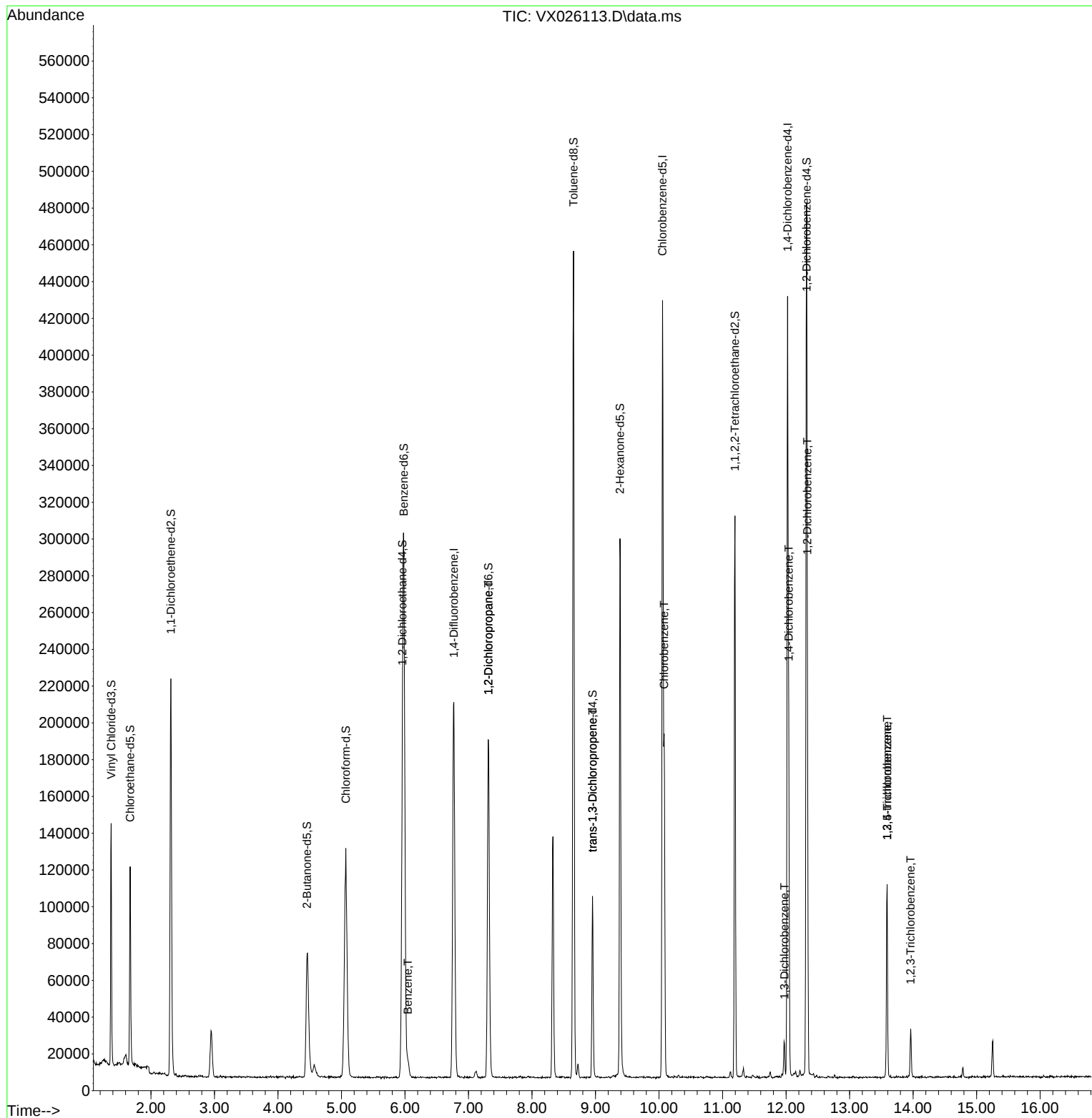
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	199420	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	173455	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	78133	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	83203	53.756	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	107.520%
7) Chloroethane-d5	1.672	69	65393	58.118	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	116.240%
11) 1,1-Dichloroethene-d2	2.313	63	120765	42.745	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.500%
21) 2-Butanone-d5	4.458	46	123943	115.886	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.890%
24) Chloroform-d	5.068	84	140832	53.577	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.160%
26) 1,2-Dichloroethane-d4	5.958	65	93478	54.861	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.720%
32) Benzene-d6	5.983	84	278588	55.709	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.420%
36) 1,2-Dichloropropane-d6	7.312	67	86827	56.125	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	112.260%
41) Toluene-d8	8.653	98	248700	54.531	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.060%
43) trans-1,3-Dichloroprop...	8.952	79	41791	55.339	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	110.680%
47) 2-Hexanone-d5	9.384	63	81894	113.505	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.510%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	112414	54.599	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.200%
66) 1,2-Dichlorobenzene-d4	12.323	152	83060	55.729	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.460%
Target Compounds	Qvalue					
33) Benzene	6.044	78	9226	1.801	ug/L	100
37) 1,2-Dichloropropane	7.312	63	10178	7.719	ug/L #	86
44) trans-1,3-Dichloropropene	8.952	75	2305	1.183	ug/L	97
51) Chlorobenzene	10.079	112	72916	21.682	ug/L	99
64) 1,3-Dichlorobenzene	11.975	146	6205	2.711	ug/L	93
65) 1,4-Dichlorobenzene	12.042	146	52013	22.181	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	44329	19.443	ug/L	97
69) 1,3,5-Trichlorobenzene	13.591	180	23419	15.057	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	23419	16.729	ug/L	97
72) 1,2,3-Trichlorobenzene	13.963	180	6378	4.490	ug/L	99

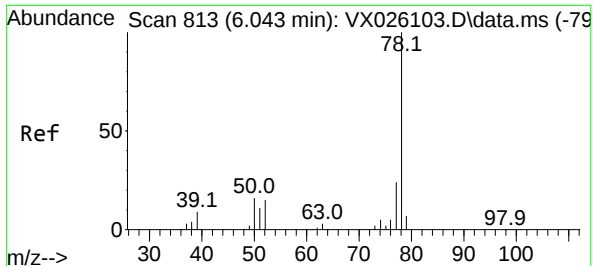
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

Quant Time: Dec 29 04:34:12 2021
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

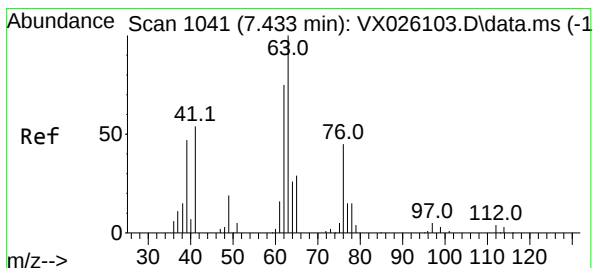
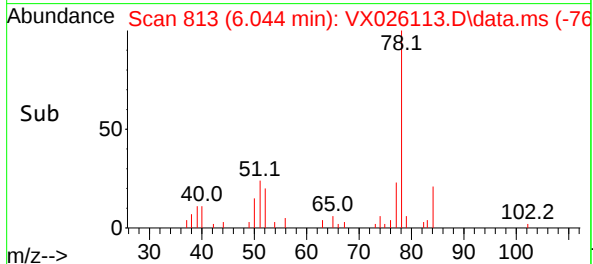
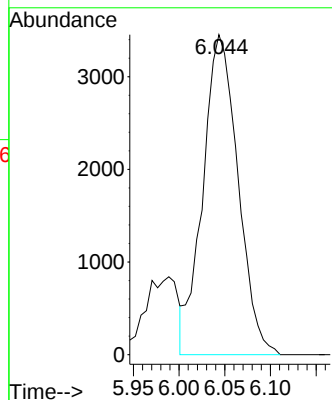
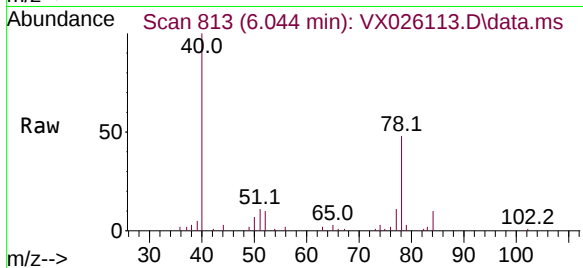




#33
Benzene
Concen: 1.801 ug/L
RT: 6.044 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX026113.D
Acq: 28 Dec 2021 21:32

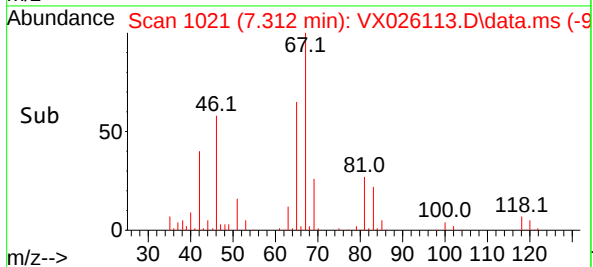
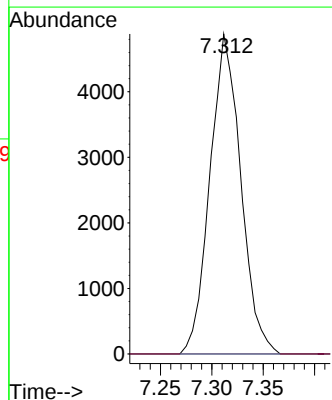
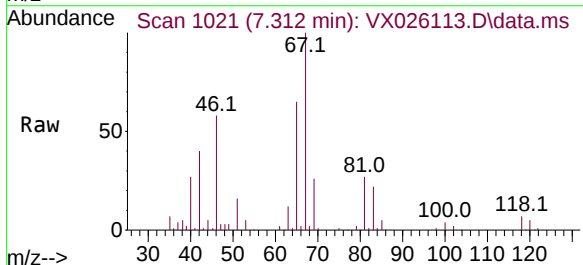
Instrument :
MSVOA_X
ClientSampleId :

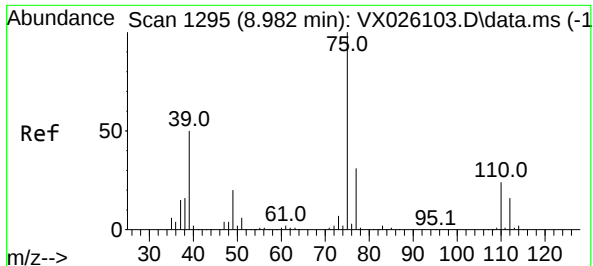
Tgt Ion: 78 Resp: 9226



#37
1,2-Dichloropropane
Concen: 7.719 ug/L
RT: 7.312 min Scan# 1021
Delta R.T. -0.122 min
Lab File: VX026113.D
Acq: 28 Dec 2021 21:32

Tgt Ion: 63 Resp: 10178
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#

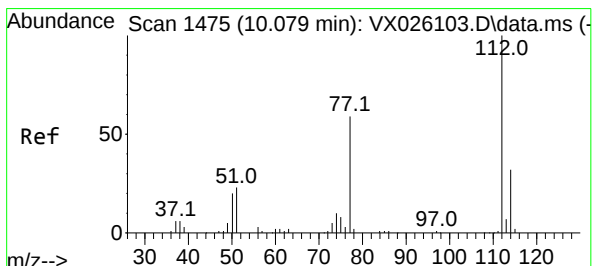
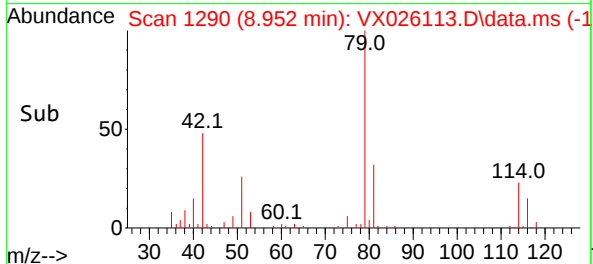
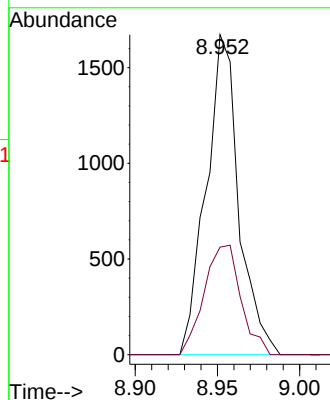
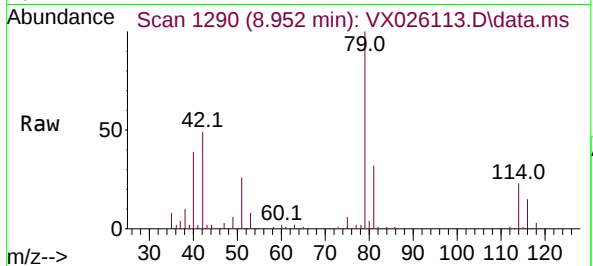




#44
trans-1,3-Dichloropropene
Concen: 1.183 ug/L
RT: 8.952 min Scan# 11
Delta R.T. -0.030 min
Lab File: VX026113.D
Acq: 28 Dec 2021 21:32

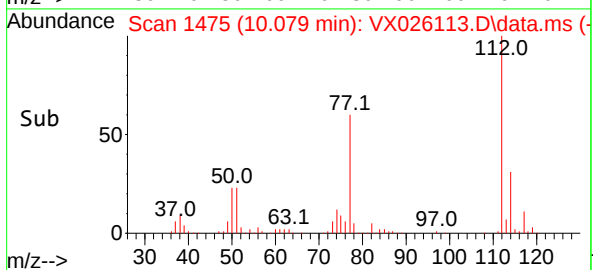
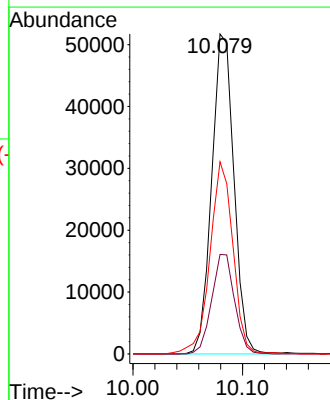
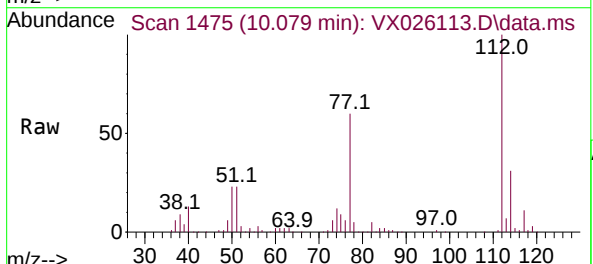
Instrument :
MSVOA_X
ClientSampleId :

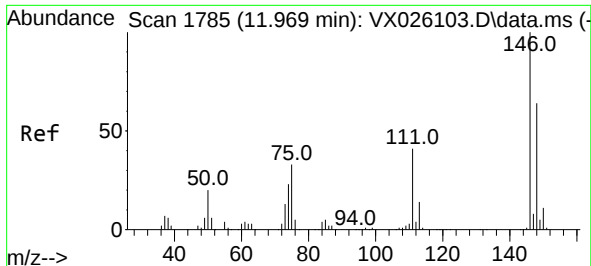
Tgt Ion: 75 Resp: 2305
Ion Ratio Lower Upper
75 100
77 33.6 22.5 41.7



#51
Chlorobenzene
Concen: 21.682 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX026113.D
Acq: 28 Dec 2021 21:32

Tgt Ion: 112 Resp: 72916
Ion Ratio Lower Upper
112 100
114 31.1 22.2 41.2
77 60.0 47.8 71.8

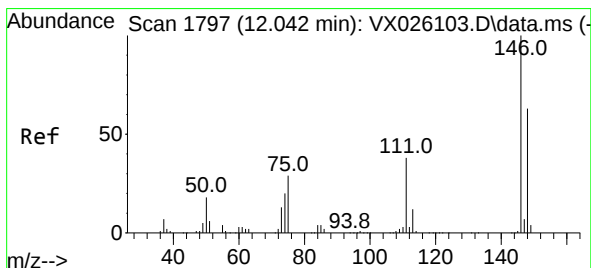
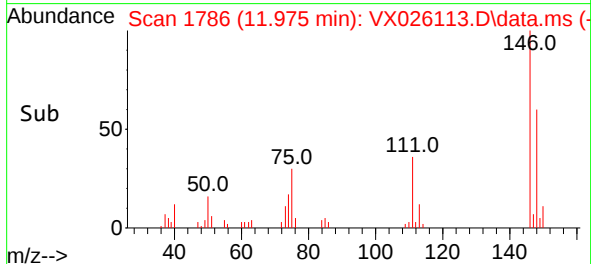
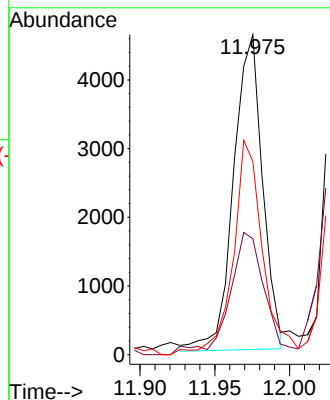
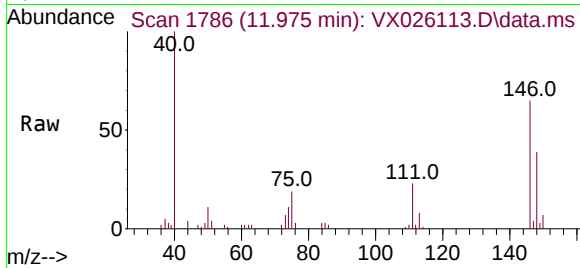




#64
1,3-Dichlorobenzene
Concen: 2.711 ug/L
RT: 11.975 min Scan# 1786
Delta R.T. 0.006 min
Lab File: VX026113.D
Acq: 28 Dec 2021 21:32

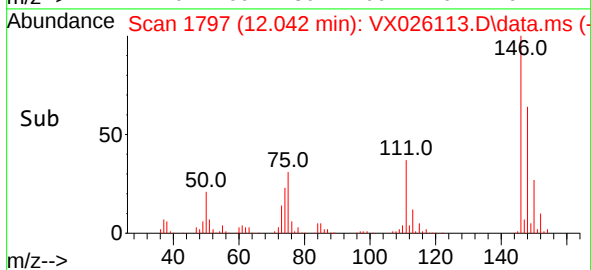
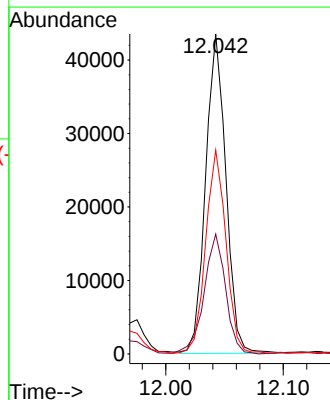
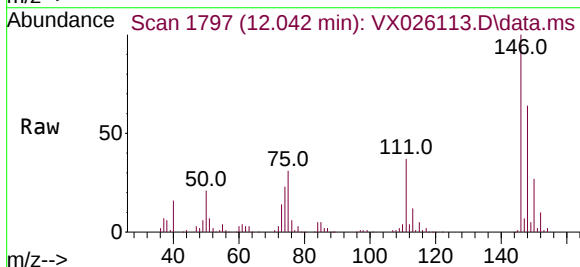
Instrument :
MSVOA_X
ClientSampleId :

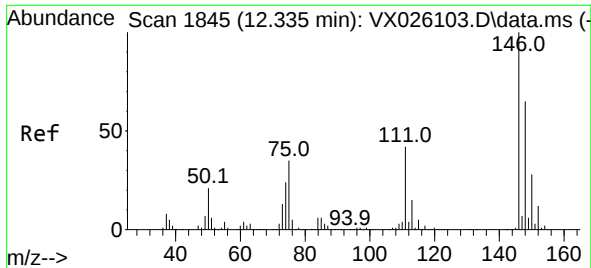
Tgt Ion:146 Resp: 6205
Ion Ratio Lower Upper
146 100
111 36.2 29.4 54.6
148 60.4 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 22.181 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX026113.D
Acq: 28 Dec 2021 21:32

Tgt Ion:146 Resp: 52013
Ion Ratio Lower Upper
146 100
111 37.4 27.4 51.0
148 63.7 44.3 82.3





#67

1,2-Dichlorobenzene

Concen: 19.443 ug/L

RT: 12.335 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX026113.D

Acq: 28 Dec 2021 21:32

Instrument :

MSVOA_X

ClientSampleId :

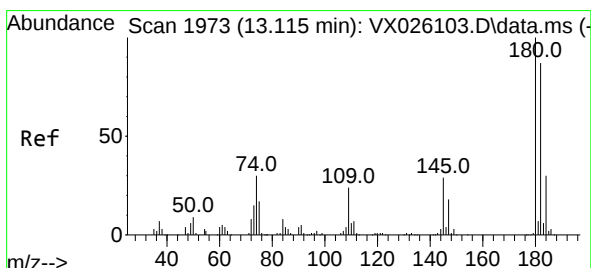
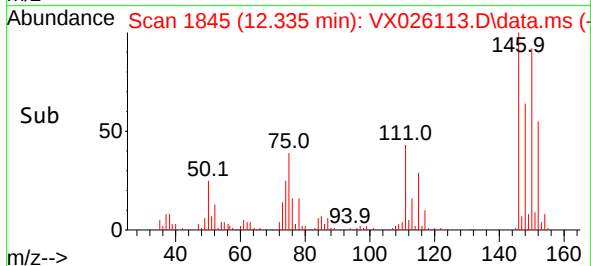
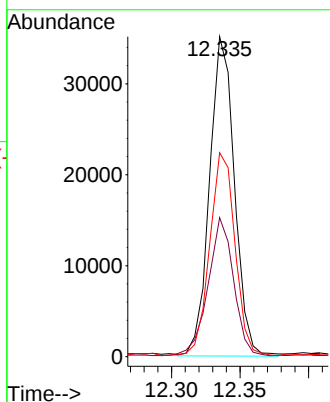
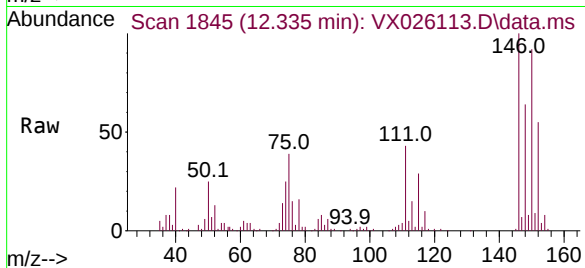
Tgt Ion:146 Resp: 44329

Ion Ratio Lower Upper

146 100

111 43.5 33.1 49.7

148 63.8 49.6 74.4



#69

1,3,5-Trichlorobenzene

Concen: 15.057 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.476 min

Lab File: VX026113.D

Acq: 28 Dec 2021 21:32

Tgt Ion:180 Resp: 23419

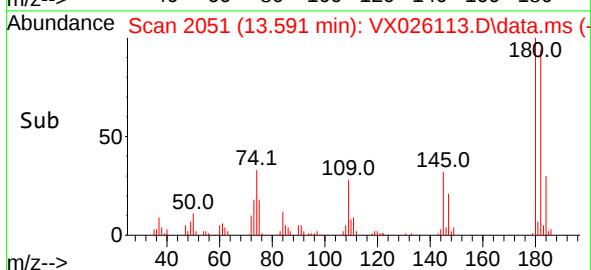
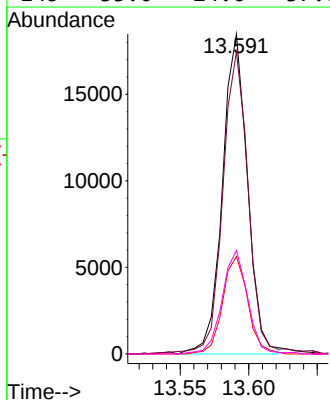
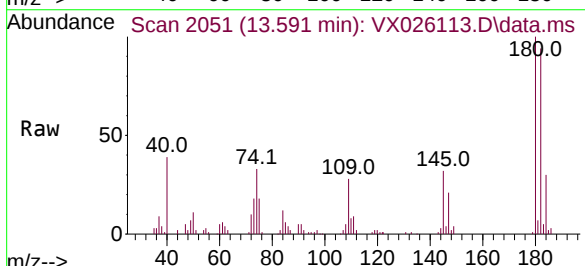
Ion Ratio Lower Upper

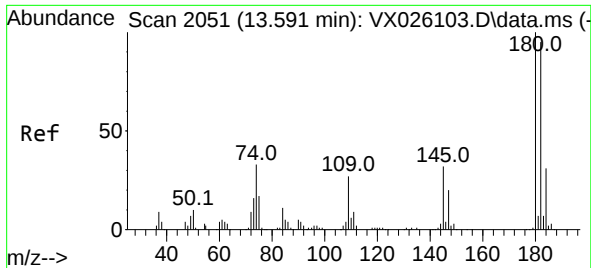
180 100

182 96.3 75.4 113.2

184 30.5 24.1 36.1

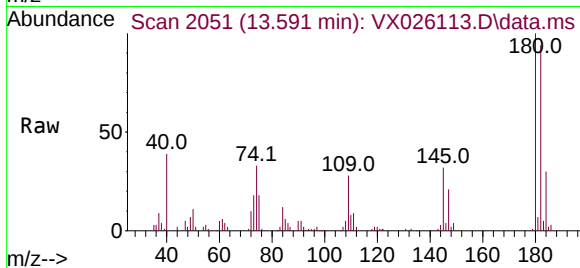
145 33.0 24.6 37.0



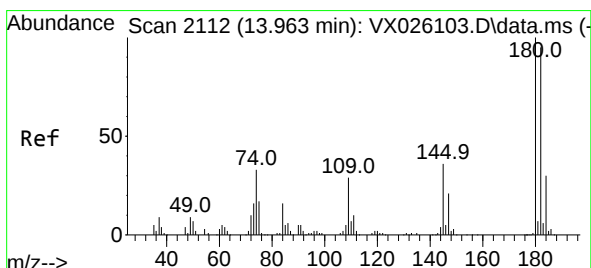
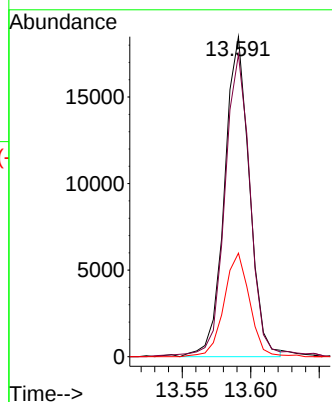
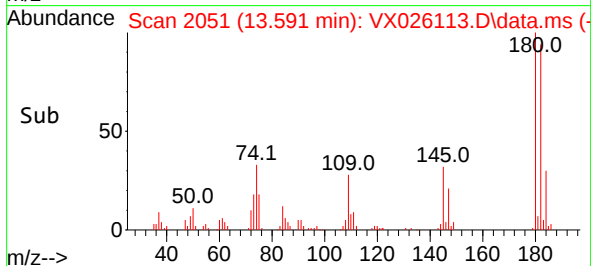


#70
 1,2,4-trichlorobenzene
 Concen: 16.729 ug/L
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.000 min
 Lab File: VX026113.D
 Acq: 28 Dec 2021 21:32

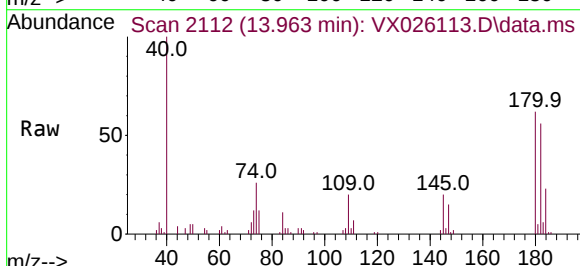
Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:180 Resp: 23419
 Ion Ratio Lower Upper
 180 100
 182 96.3 74.8 112.2
 145 33.0 24.9 37.3



#72
 1,2,3-Trichlorobenzene
 Concen: 4.490 ug/L
 RT: 13.963 min Scan# 2112
 Delta R.T. 0.000 min
 Lab File: VX026113.D
 Acq: 28 Dec 2021 21:32



Tgt Ion:180 Resp: 6378
 Ion Ratio Lower Upper
 180 100
 182 94.6 76.6 115.0
 145 34.3 26.6 39.8

