

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
 Data File : VX026088.D
 Acq On : 28 Dec 2021 02:08
 Operator : JC/MD
 Sample : M5232-01 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GBCC1

Quant Time: Dec 28 02:56:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 28 02:17:03 2021
 Response via : Initial Calibration

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

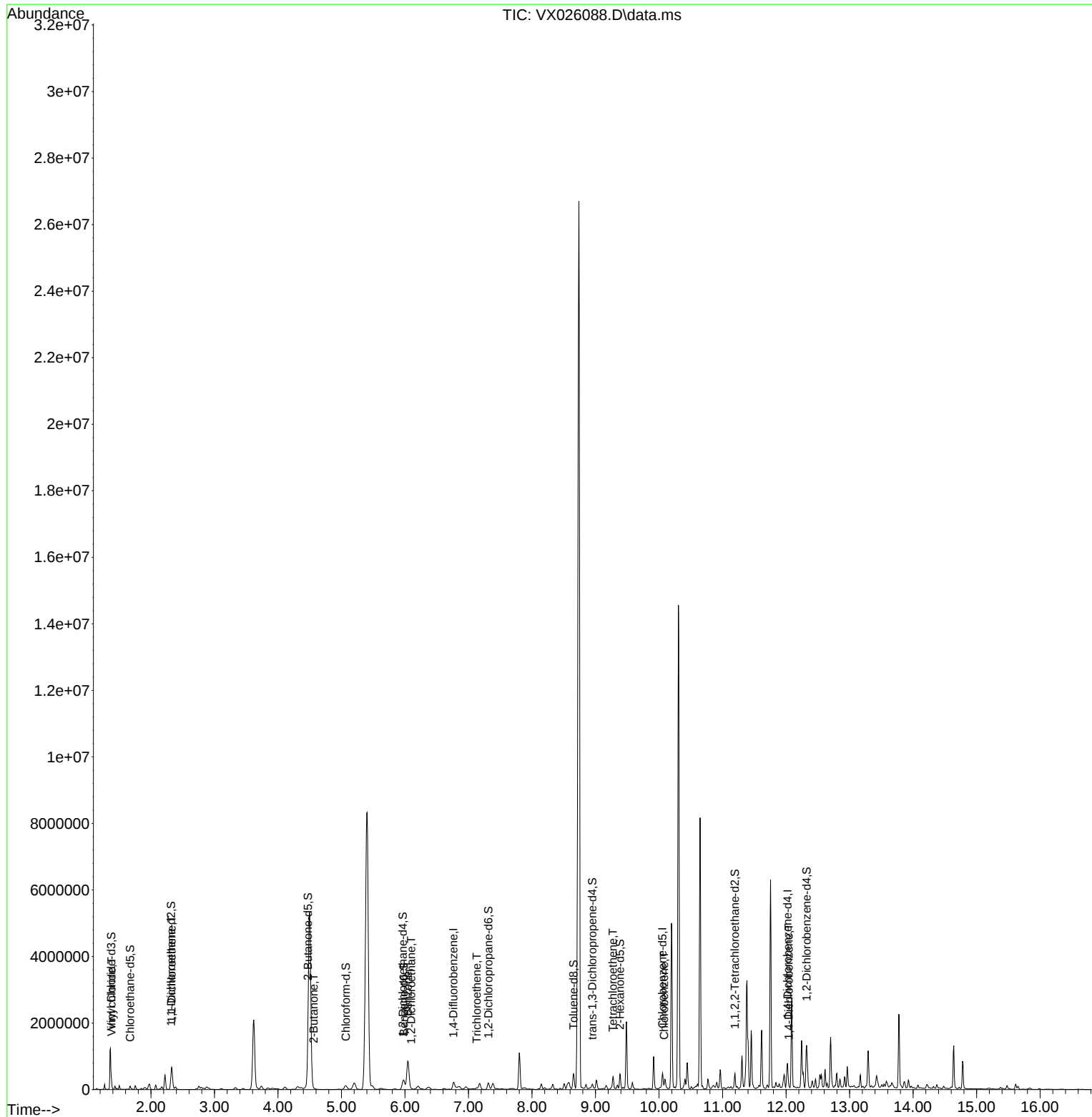
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	209285	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	10.055	117	200543	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	109378	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	57314	38.618	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.240%
7) Chloroethane-d5	1.672	69	52325	44.117	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.240%
11) 1,1-Dichloroethene-d2	2.319	63	176786	60.110	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	120.220%
21) 2-Butanone-d5	4.471	46	164796	128.075	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	128.080%
24) Chloroform-d	5.068	84	141033	47.486	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.980%
26) 1,2-Dichloroethane-d4	5.964	65	95965	47.723	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.440%
32) Benzene-d6	5.983	84	270132	46.798	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.600%
36) 1,2-Dichloropropane-d6	7.312	67	90803	50.606	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.220%
41) Toluene-d8	8.653	98	254315	47.187	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.380%
43) trans-1,3-Dichloroprop...	8.952	79	47465	60.802	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	121.600%
47) 2-Hexanone-d5	9.384	63	127144	137.299	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	137.300%#
56) 1,1,2,2-Tetrachloroeth...	11.195	84	144062	54.451	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.900%
66) 1,2-Dichlorobenzene-d4	12.323	152	111989	54.182	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.360%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.380	62	83454	43.306	ug/L	100
12) 1,1-Dichloroethene	2.325	96	148783	105.789	ug/L	85
22) 2-Butanone	4.562	43	27140	20.721	ug/L	92
27) 1,2-Dichloroethane	6.098	62	21494	8.843	ug/L #	89
33) Benzene	6.043	78	991522	155.701	ug/L	100
34) Trichloroethene	7.129	95	15753	9.671	ug/L	95
46) Tetrachloroethene	9.275	164	64718	52.079	ug/L	96
51) Chlorobenzene	10.079	112	26941	6.311	ug/L	92
65) 1,4-Dichlorobenzene	12.042	146	21173	6.272	ug/L	95

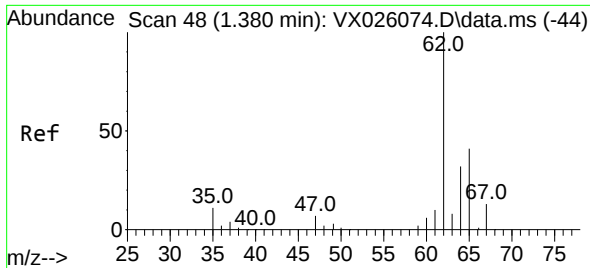
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 28 02:17:03 2021
Response via : Initial Calibration

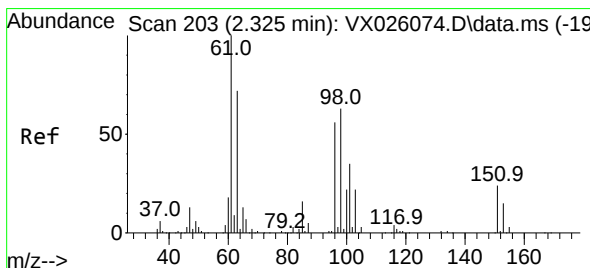
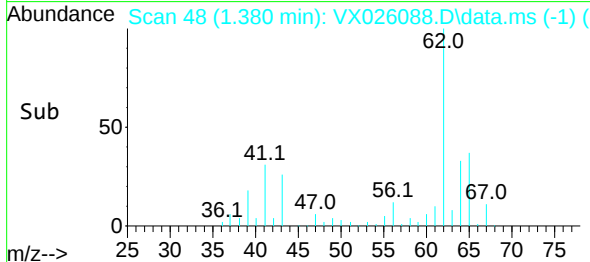
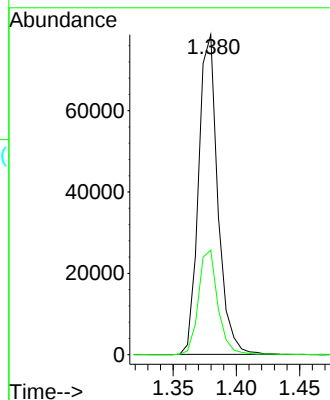
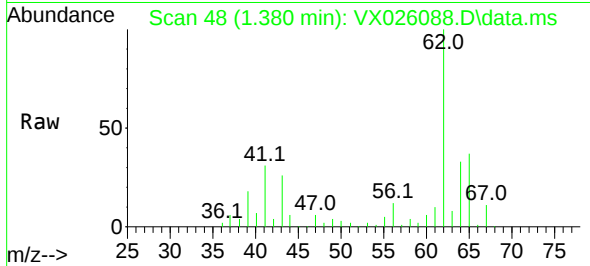




#5
 Vinyl chloride
 Concen: 43.306 ug/L
 RT: 1.380 min Scan# 48
 Delta R.T. 0.000 min
 Lab File: VX026088.D
 Acq: 28 Dec 2021 02:08

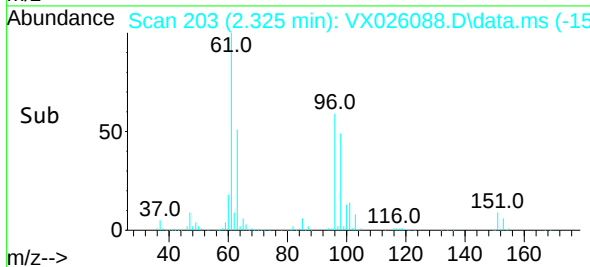
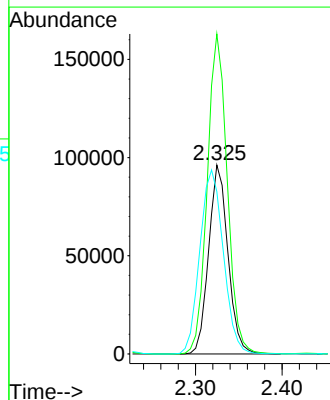
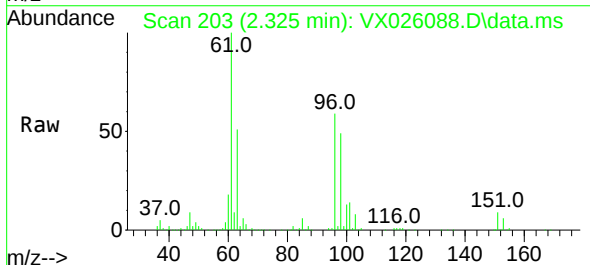
Instrument :
 MSVOA_X
 ClientSampleId :
 GBCC1

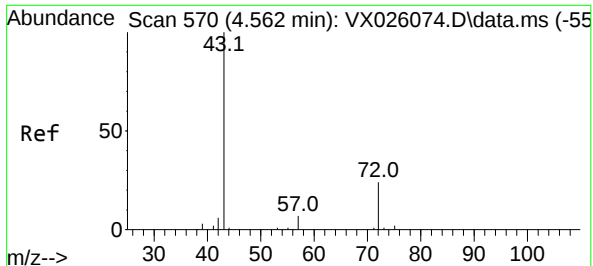
Tgt Ion: 62 Resp: 83454
 Ion Ratio Lower Upper
 62 100
 64 32.7 22.9 42.5



#12
 1,1-Dichloroethene
 Concen: 105.789 ug/L
 RT: 2.325 min Scan# 203
 Delta R.T. 0.000 min
 Lab File: VX026088.D
 Acq: 28 Dec 2021 02:08

Tgt Ion: 96 Resp: 148783
 Ion Ratio Lower Upper
 96 100
 61 169.3 108.7 201.9
 63 85.9 76.3 141.7

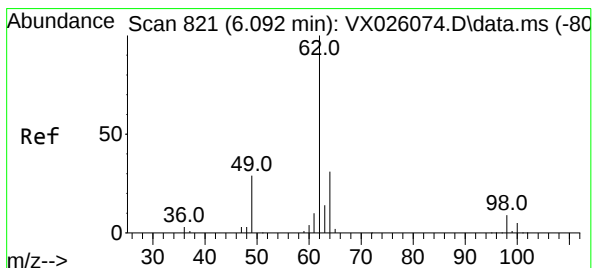
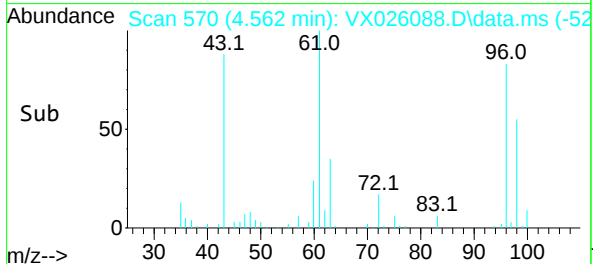
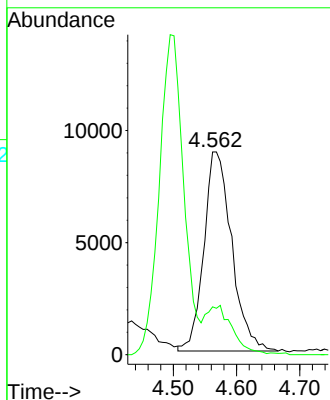
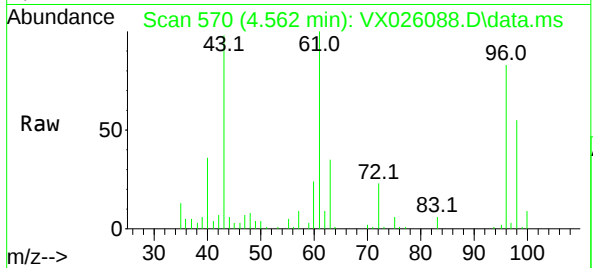




#22
2-Butanone
Concen: 20.721 ug/L
RT: 4.562 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX026088.D
Acq: 28 Dec 2021 02:08

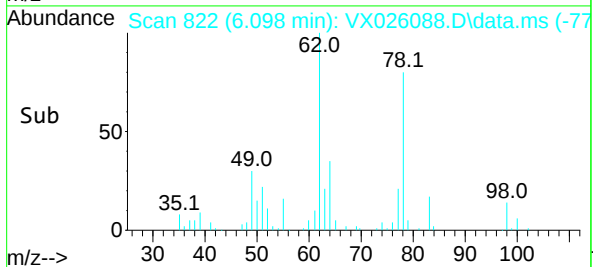
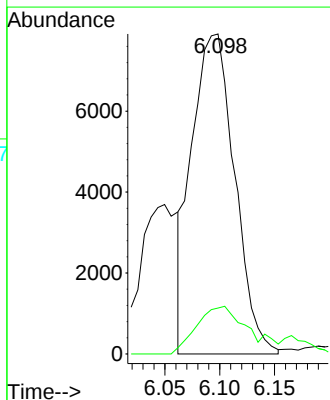
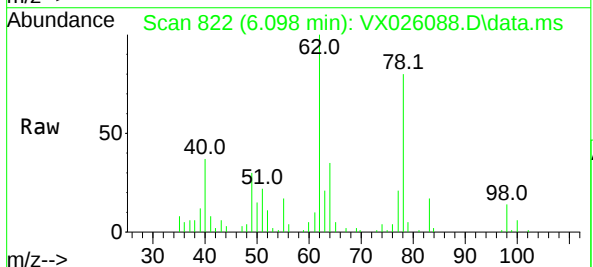
Instrument :
MSVOA_X
ClientSampleId :
GBCC1

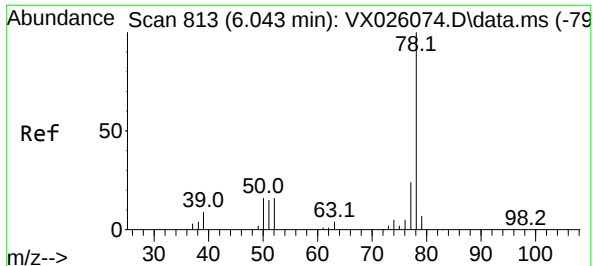
Tgt Ion: 43 Resp: 27140
Ion Ratio Lower Upper
43 100
72 23.1 13.8 41.3



#27
1,2-Dichloroethane
Concen: 8.843 ug/L
RT: 6.098 min Scan# 822
Delta R.T. 0.006 min
Lab File: VX026088.D
Acq: 28 Dec 2021 02:08

Tgt Ion: 62 Resp: 21494
Ion Ratio Lower Upper
62 100
98 14.3 8.2 12.2#

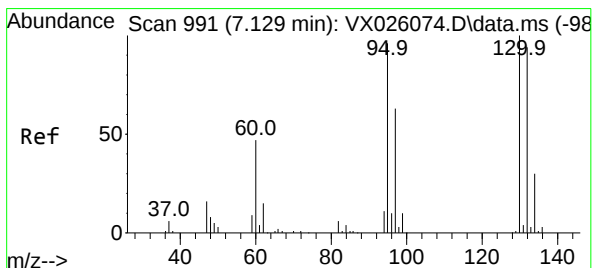
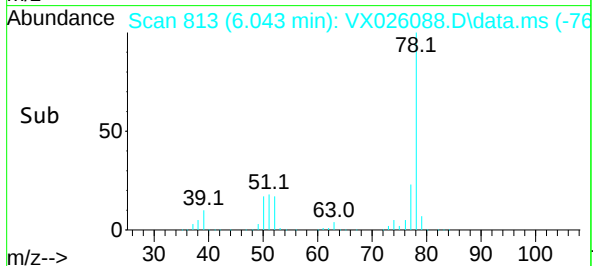
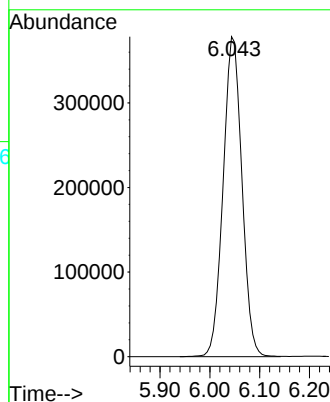
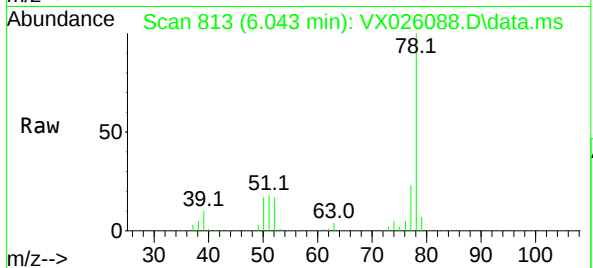




#33
Benzene
Concen: 155.701 ug/L
RT: 6.043 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX026088.D
Acq: 28 Dec 2021 02:08

Instrument :
MSVOA_X
ClientSampleId :
GBCC1

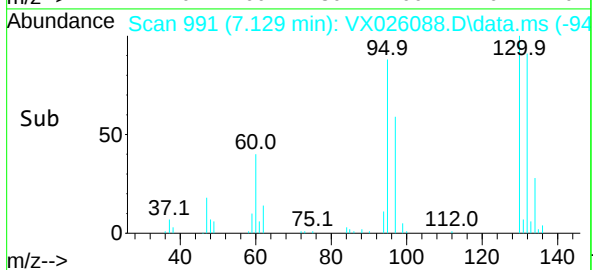
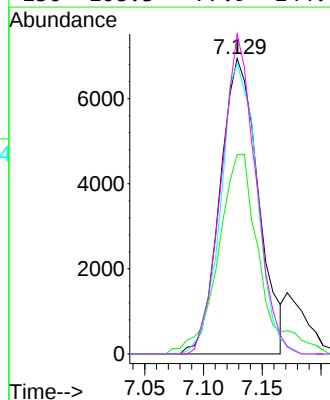
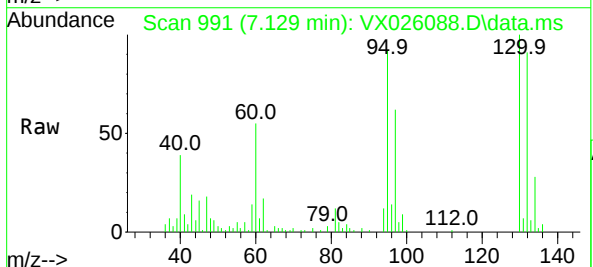
Tgt Ion: 78 Resp: 991522

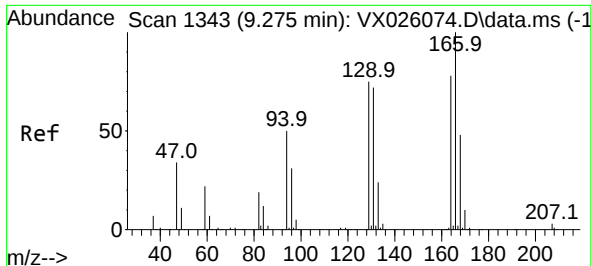


#34
Trichloroethene
Concen: 9.671 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX026088.D
Acq: 28 Dec 2021 02:08

Tgt Ion: 95 Resp: 15753

Ion	Ratio	Lower	Upper
95	100		
97	67.5	46.0	85.4
132	98.3	75.0	139.2
130	108.3	77.9	144.7





#46

Tetrachloroethene

Concen: 52.079 ug/L

RT: 9.275 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX026088.D

Acq: 28 Dec 2021 02:08

Instrument :

MSVOA_X

ClientSampleId :

GBCC1

Tgt Ion:164 Resp: 64718

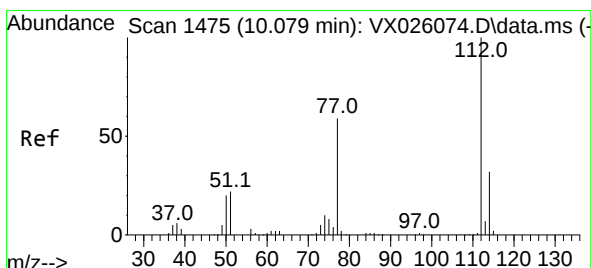
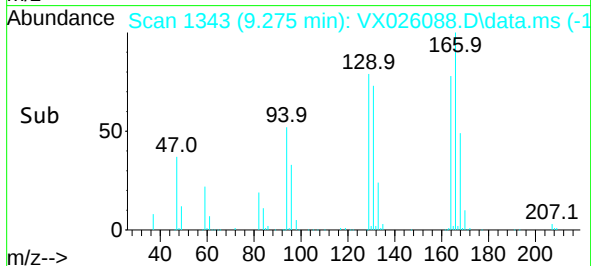
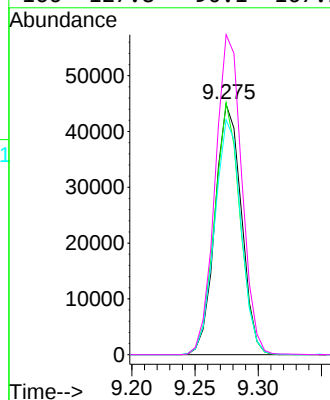
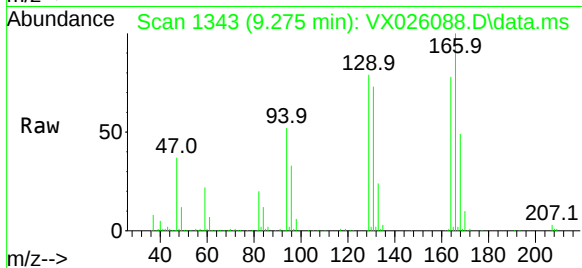
Ion Ratio Lower Upper

164 100

129 100.6 64.7 120.1

131 93.8 63.2 117.4

166 127.8 90.1 167.3



#51

Chlorobenzene

Concen: 6.311 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX026088.D

Acq: 28 Dec 2021 02:08

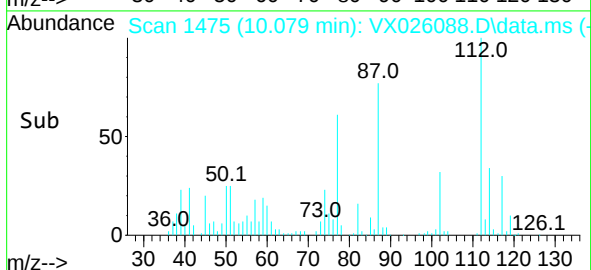
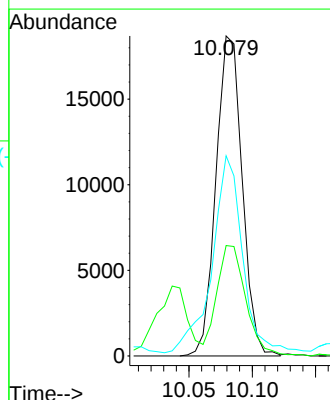
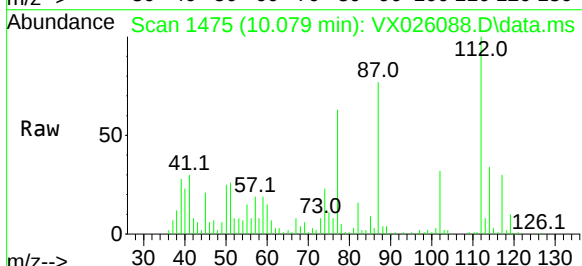
Tgt Ion:112 Resp: 26941

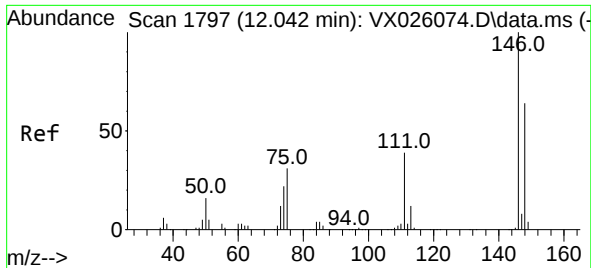
Ion Ratio Lower Upper

112 100

114 34.5 22.5 41.9

77 62.6 44.5 66.7





#65

1,4-Dichlorobenzene

Concen: 6.272 ug/L

RT: 12.042 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX026088.D

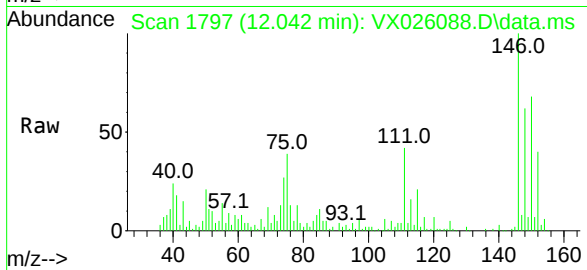
Acq: 28 Dec 2021 02:08

Instrument :

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ClientSampleId :

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Tgt Ion:146 Resp: 21173

Ion Ratio Lower Upper

146 100

111 41.8 26.5 49.3

148 62.1 45.5 84.5

