

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122421\
 Data File : VX026027.D
 Acq On : 24 Dec 2021 20:02
 Operator : JC/MD
 Sample : M5150-23MS
 Misc : 5.00mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GBBY0MS

Quant Time: Dec 25 00:54:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 23 21:00:32 2021
 Response via : Initial Calibration

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

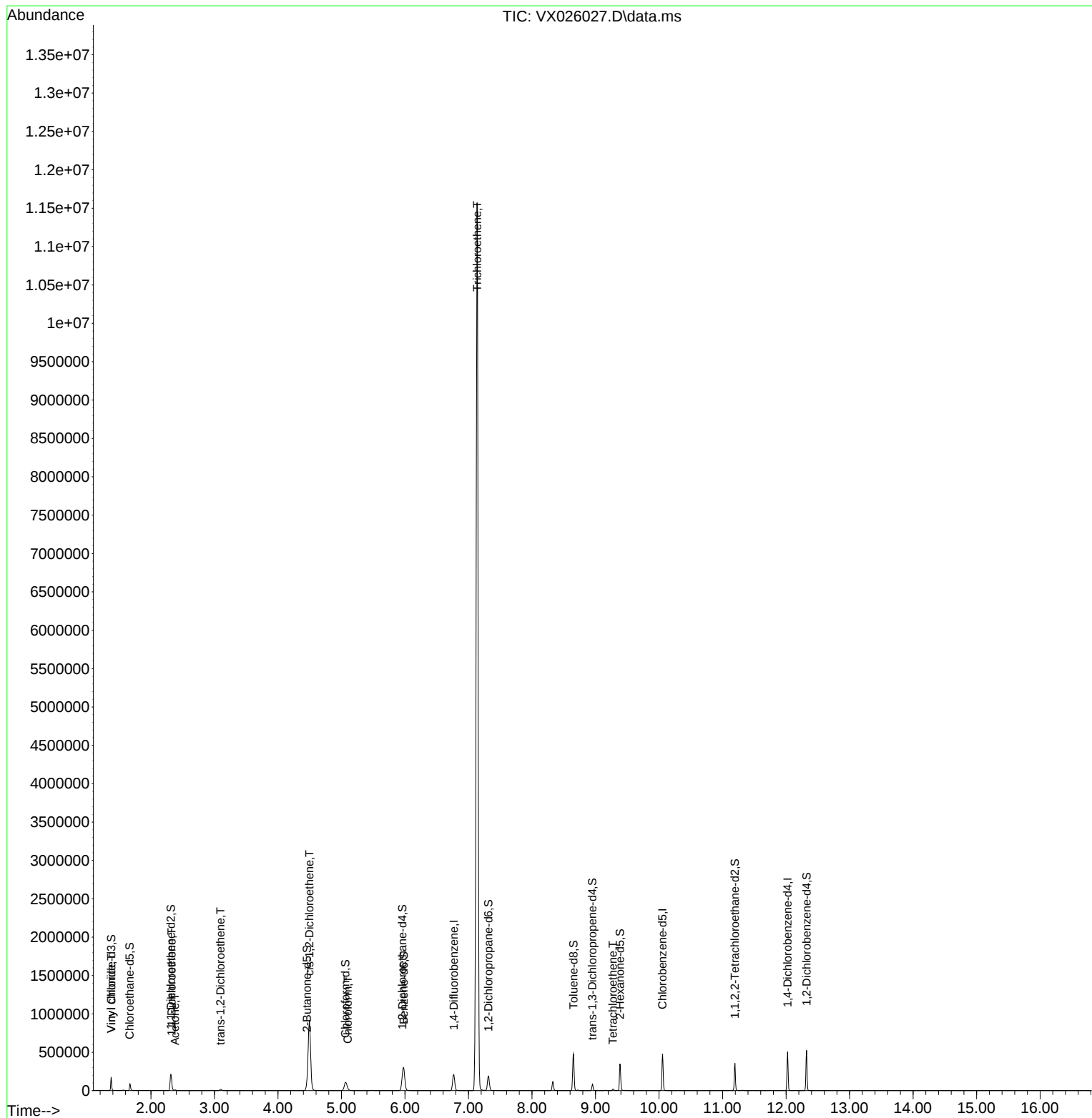
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	214359	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	201113	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	98292	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.373	65	72779	47.878	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.760%
7) Chloroethane-d5	1.666	69	58147	47.865	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.720%
11) 1,1-Dichloroethene-d2	2.312	63	116229	38.584	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.160%
21) 2-Butanone-d5	4.458	46	123641	93.816	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.820%
24) Chloroform-d	5.062	84	134305	44.150	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.300%
26) 1,2-Dichloroethane-d4	5.958	65	98308	47.731	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.460%
32) Benzene-d6	5.982	84	292450	50.521	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.040%
36) 1,2-Dichloropropane-d6	7.311	67	91661	50.940	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.880%
41) Toluene-d8	8.653	98	269201	49.807	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.620%
43) trans-1,3-Dichloroprop...	8.951	79	35486	45.328	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.660%
47) 2-Hexanone-d5	9.384	63	98390	105.948	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.950%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	128220	48.325	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.660%
66) 1,2-Dichlorobenzene-d4	12.323	152	99175	53.394	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.780%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.373	62	28286	14.331	ug/L	98
12) 1,1-Dichloroethene	2.325	96	19289	13.390	ug/L #	30
13) Acetone	2.379	43	9943	13.800	ug/L	96
17) trans-1,2-Dichloroethene	3.093	96	6561	4.277	ug/L	87
20) cis-1,2-Dichloroethene	4.495	96	532490	311.046	ug/L	86
25) Chloroform	5.098	83	11731	3.887	ug/L	98
34) Trichloroethene	7.135	95	4127792	2526.889	ug/L	89
46) Tetrachloroethene	9.274	164	2496	2.003	ug/L	94

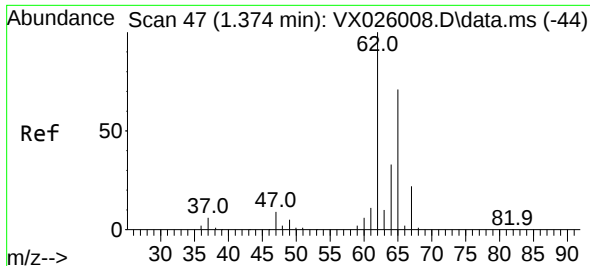
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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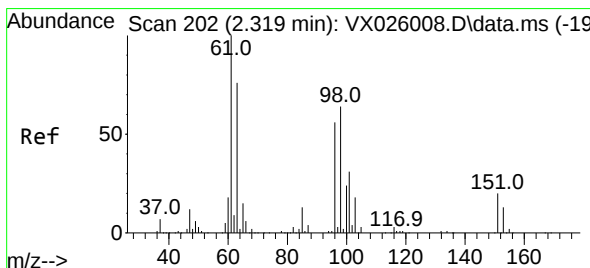
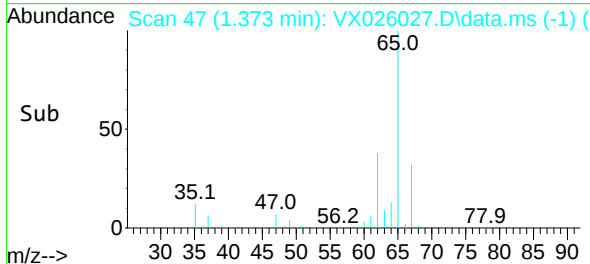
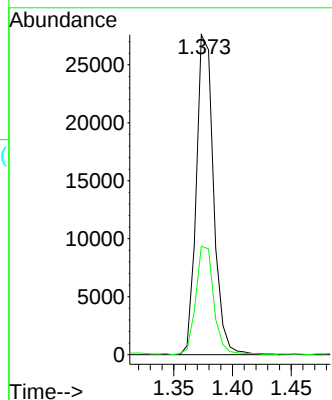
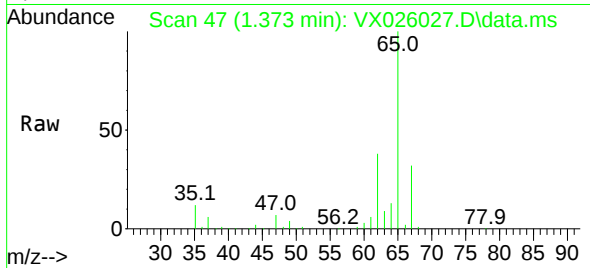




#5
 Vinyl chloride
 Concen: 14.331 ug/L
 RT: 1.373 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX026027.D
 Acq: 24 Dec 2021 20:02

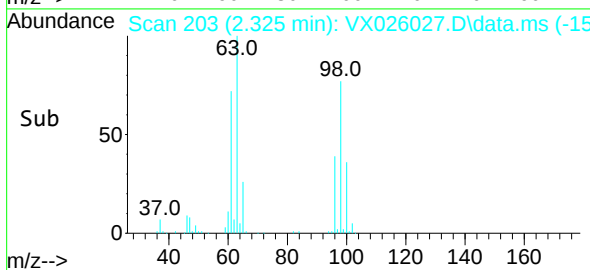
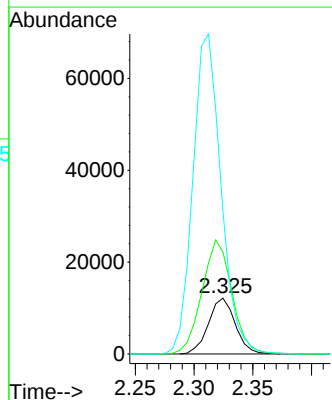
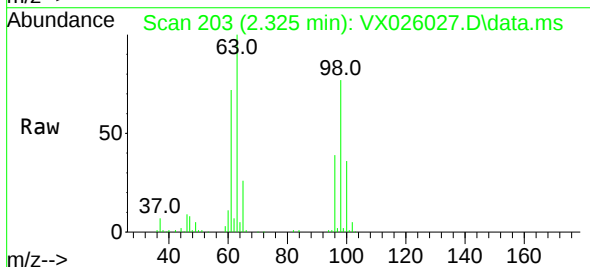
Instrument :
 MSVOA_X
 ClientSampleId :
 GBBY0MS

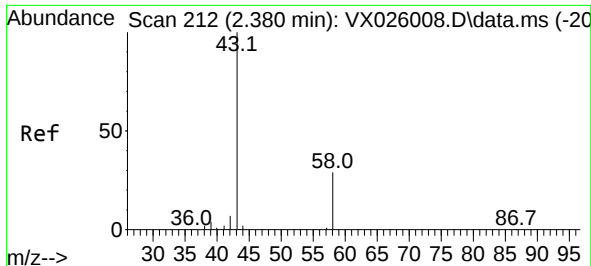
Tgt Ion: 62 Resp: 28286
 Ion Ratio Lower Upper
 62 100
 64 33.9 22.9 42.5



#12
 1,1-Dichloroethene
 Concen: 13.390 ug/L
 RT: 2.325 min Scan# 203
 Delta R.T. -0.000 min
 Lab File: VX026027.D
 Acq: 24 Dec 2021 20:02

Tgt Ion: 96 Resp: 19289
 Ion Ratio Lower Upper
 96 100
 61 182.8 108.7 201.9
 63 255.6 76.3 141.7#





#13

Acetone

Concen: 13.800 ug/L

RT: 2.379 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX026027.D

Acq: 24 Dec 2021 20:02

Instrument :

MSVOA_X

ClientSampleId :

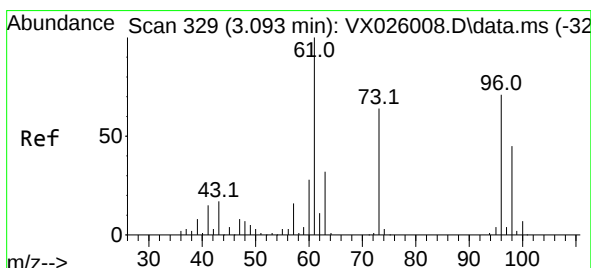
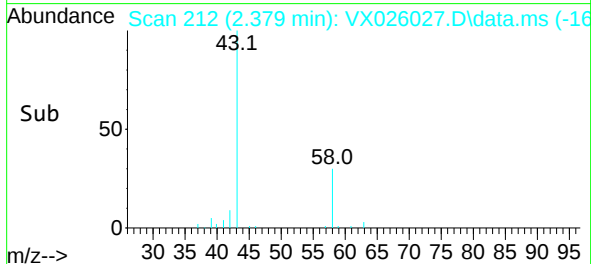
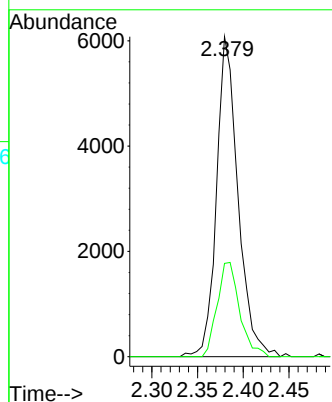
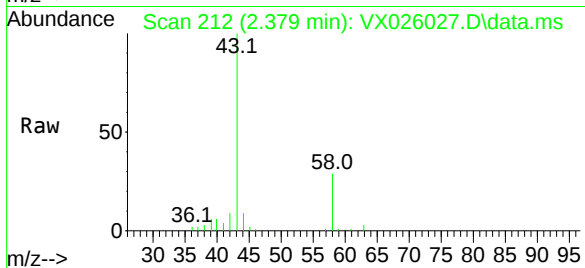
GBBY0MS

Tgt Ion: 43 Resp: 9943

Ion Ratio Lower Upper

43 100

58 30.7 0.0 65.6



#17

trans-1,2-Dichloroethene

Concen: 4.277 ug/L

RT: 3.093 min Scan# 329

Delta R.T. -0.000 min

Lab File: VX026027.D

Acq: 24 Dec 2021 20:02

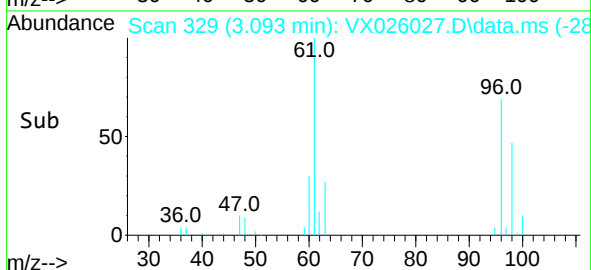
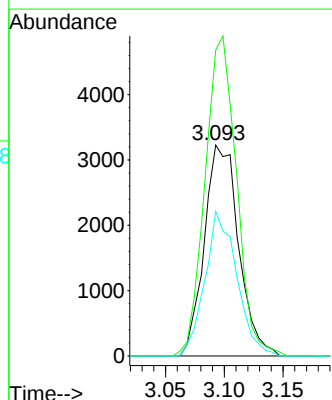
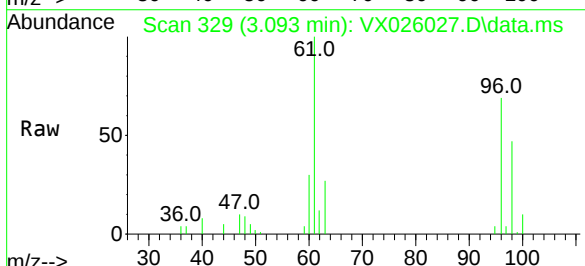
Tgt Ion: 96 Resp: 6561

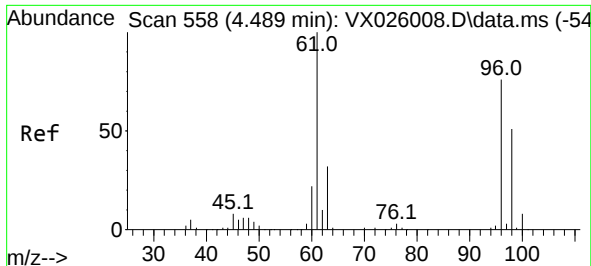
Ion Ratio Lower Upper

96 100

61 145.1 88.5 164.4

98 68.6 44.3 82.3

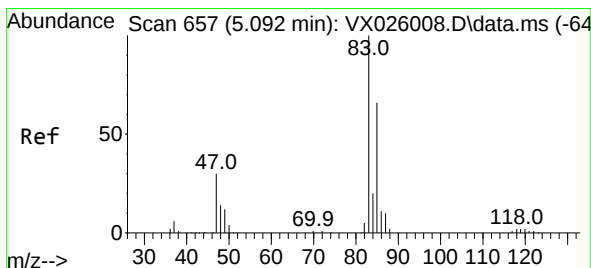
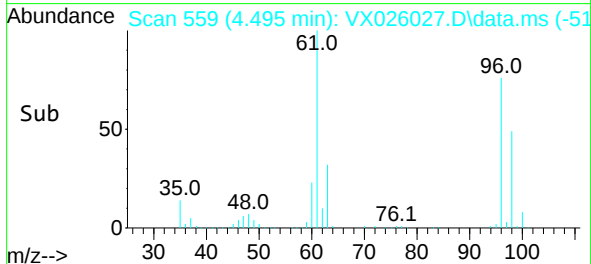
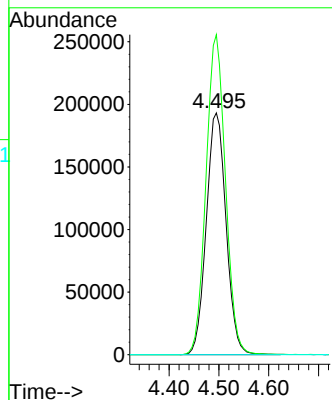
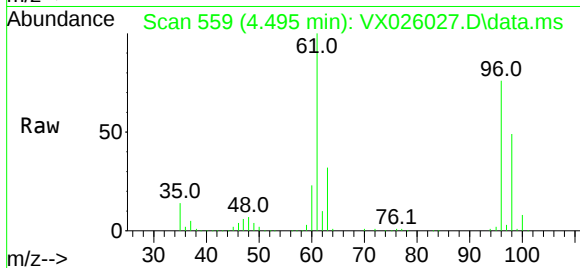




#20
 cis-1,2-Dichloroethene
 Concen: 311.046 ug/L
 RT: 4.495 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VX026027.D
 Acq: 24 Dec 2021 20:02

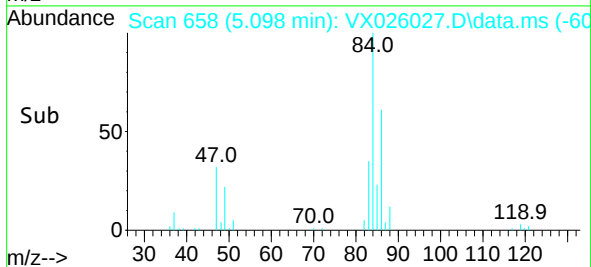
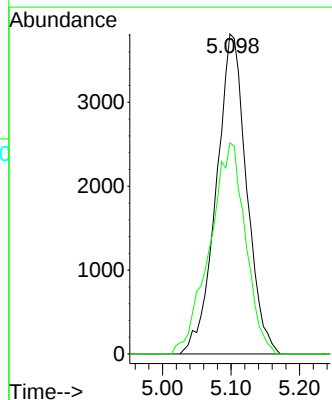
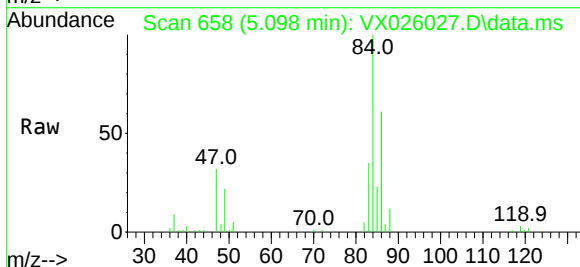
Instrument :
 MSVOA_X
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 GBBY0MS

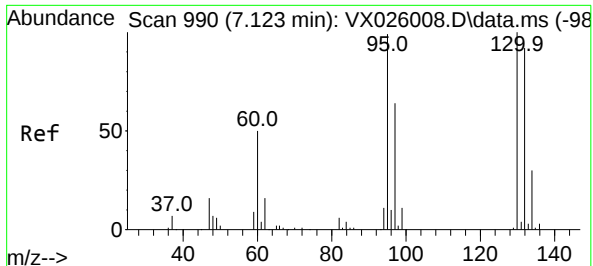
Tgt Ion: 96 Resp: 532490
 Ion Ratio Lower Upper
 96 100
 61 132.3 82.3 152.8
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 3.887 ug/L
 RT: 5.098 min Scan# 658
 Delta R.T. -0.000 min
 Lab File: VX026027.D
 Acq: 24 Dec 2021 20:02

Tgt Ion: 83 Resp: 11731
 Ion Ratio Lower Upper
 83 100
 85 66.0 44.9 83.5



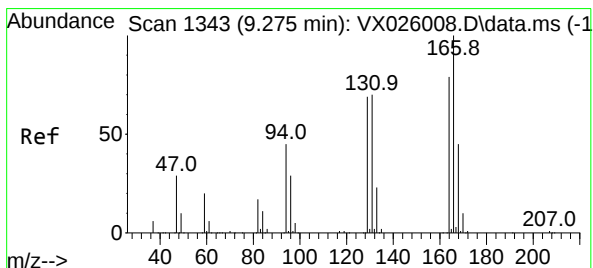
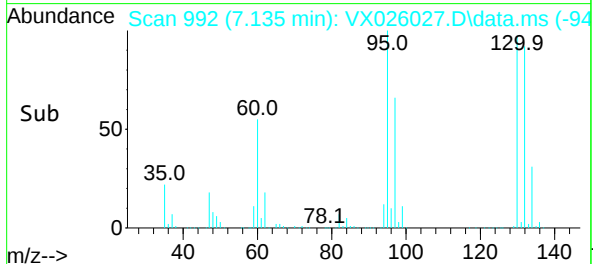
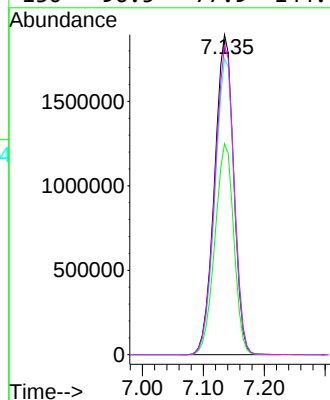
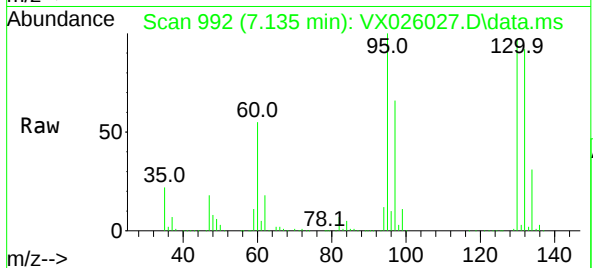


#34
Trichloroethene
Concen: 2526.889 ug/L
RT: 7.135 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX026027.D
Acq: 24 Dec 2021 20:02

Instrument :
MSVOA_X
ClientSampleId :
GBBY0MS

Tgt Ion: 95 Resp: 4127792

Ion	Ratio	Lower	Upper
95	100		
97	65.9	46.0	85.4
132	92.5	75.0	139.2
130	96.5	77.9	144.7



#46
Tetrachloroethene
Concen: 2.003 ug/L
RT: 9.274 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX026027.D
Acq: 24 Dec 2021 20:02

Tgt Ion: 164 Resp: 2496

Ion	Ratio	Lower	Upper
164	100		
129	96.4	64.7	120.1
131	102.9	63.2	117.4
166	132.2	90.1	167.3

