

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122421\
 Data File : VX026028.D
 Acq On : 24 Dec 2021 20:26
 Operator : JC/MD
 Sample : M5150-24MSD
 Misc : 5.00mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GBBY0MSD

Quant Time: Dec 25 01:01:56 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)

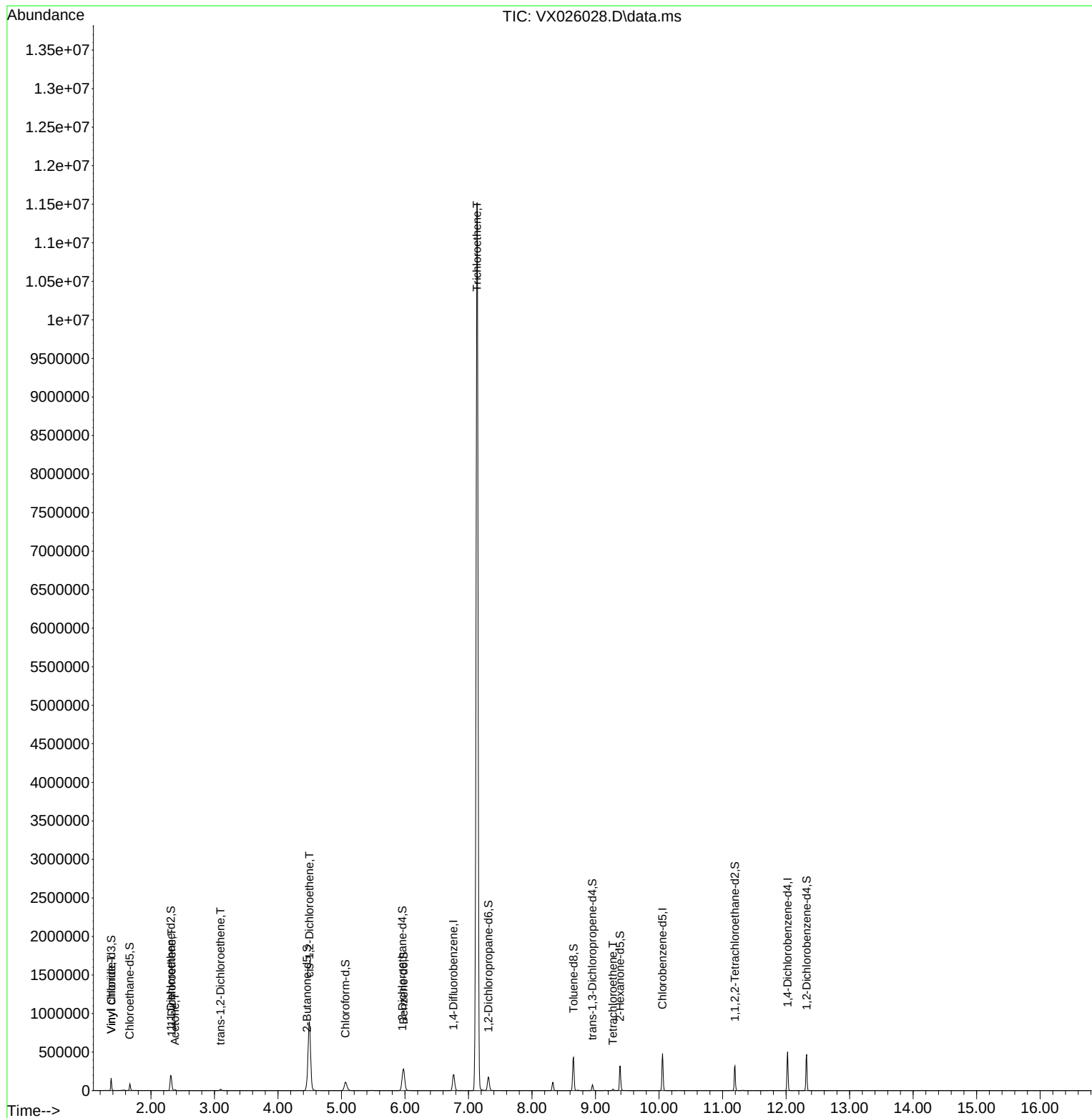
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	211736	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	202504	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	97884	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	64658	43.062	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.120%
7) Chloroethane-d5	1.666	69	53111	44.261	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.520%
11) 1,1-Dichloroethene-d2	2.312	63	107133	36.005	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.020%
21) 2-Butanone-d5	4.458	46	115940	89.062	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.060%
24) Chloroform-d	5.062	84	124135	41.312	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.620%
26) 1,2-Dichloroethane-d4	5.958	65	92743	45.587	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.180%
32) Benzene-d6	5.976	84	268440	46.054	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.100%
36) 1,2-Dichloropropane-d6	7.312	67	83975	46.348	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.700%
41) Toluene-d8	8.653	98	247123	45.408	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.820%
43) trans-1,3-Dichloroprop...	8.951	79	33271	42.207	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.420%
47) 2-Hexanone-d5	9.384	63	91790	98.162	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.160%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	119238	44.631	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.260%
66) 1,2-Dichlorobenzene-d4	12.323	152	87791	47.462	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.920%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.374	62	29104	14.928	ug/L	96
12) 1,1-Dichloroethene	2.325	96	18798	13.211	ug/L #	33
13) Acetone	2.380	43	9967	14.005	ug/L	95
17) trans-1,2-Dichloroethene	3.093	96	6887	4.545	ug/L	96
20) cis-1,2-Dichloroethene	4.495	96	540372	319.560	ug/L	89
34) Trichloroethene	7.135	95	4199032	2552.842	ug/L	89
46) Tetrachloroethene	9.275	164	2366	1.885	ug/L	90

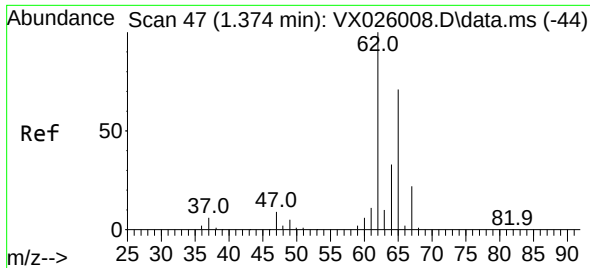
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Dec 23 21:00:32 2021
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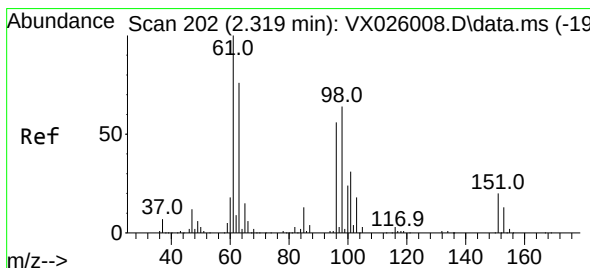
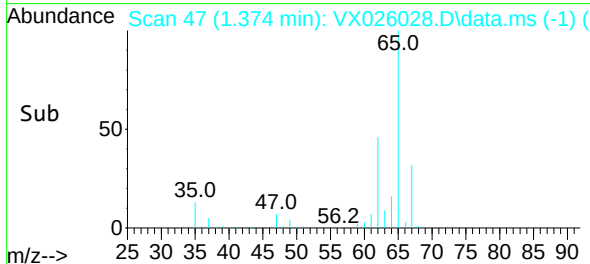
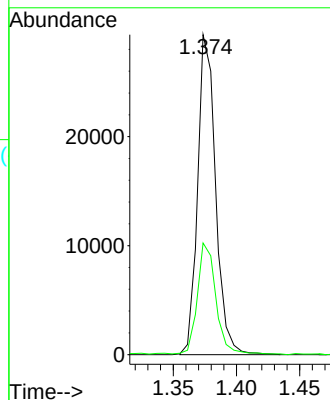
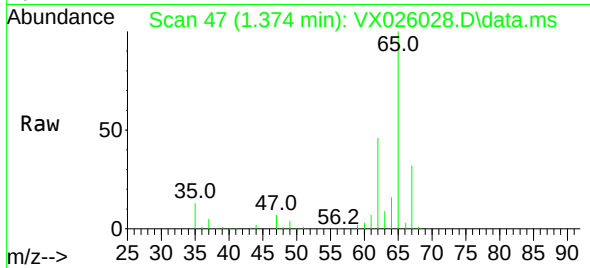




#5
 Vinyl chloride
 Concen: 14.928 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX026028.D
 Acq: 24 Dec 2021 20:26

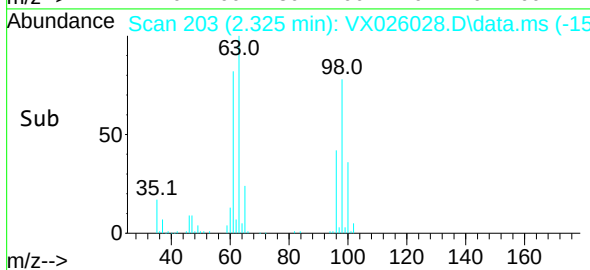
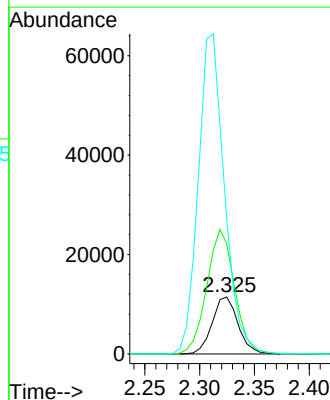
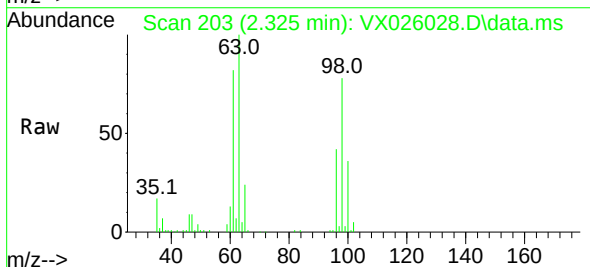
Instrument :
 MSVOA_X
 ClientSampleId :
 GBBY0MSD

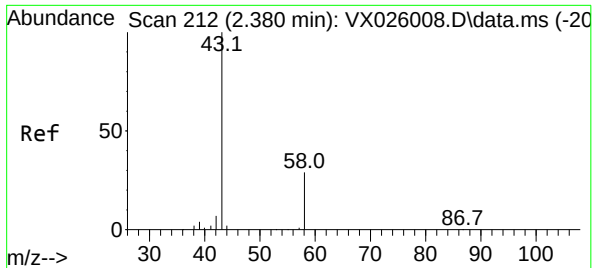
Tgt Ion: 62 Resp: 29104
 Ion Ratio Lower Upper
 62 100
 64 34.9 22.9 42.5



#12
 1,1-Dichloroethene
 Concen: 13.211 ug/L
 RT: 2.325 min Scan# 203
 Delta R.T. -0.000 min
 Lab File: VX026028.D
 Acq: 24 Dec 2021 20:26

Tgt Ion: 96 Resp: 18798
 Ion Ratio Lower Upper
 96 100
 61 193.5 108.7 201.9
 63 236.2 76.3 141.7#





#13

Acetone

Concen: 14.005 ug/L

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX026028.D

Acq: 24 Dec 2021 20:26

Instrument :

MSVOA_X

ClientSampleId :

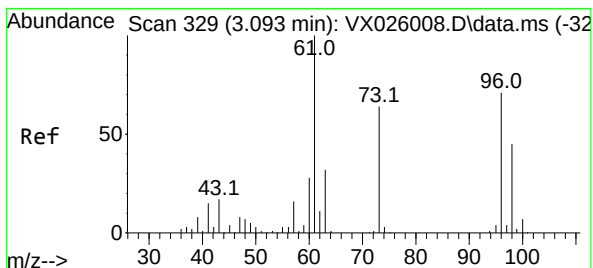
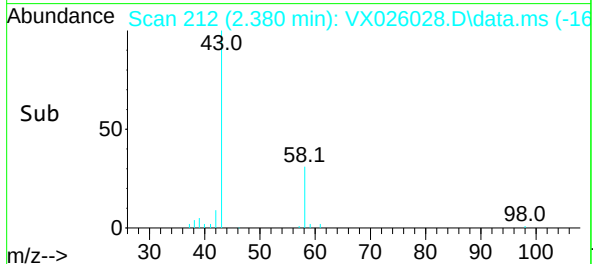
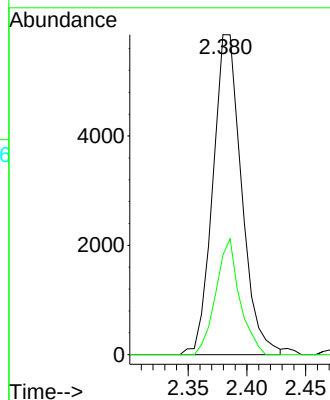
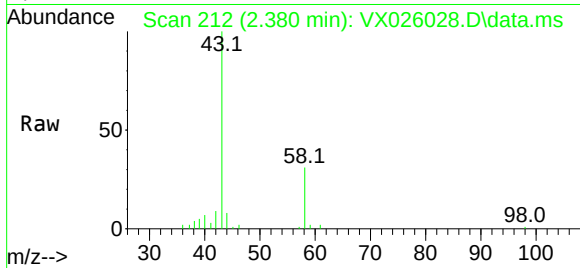
GBBY0MSD

Tgt Ion: 43 Resp: 9967

Ion Ratio Lower Upper

43 100

58 29.9 0.0 65.6



#17

trans-1,2-Dichloroethene

Concen: 4.545 ug/L

RT: 3.093 min Scan# 329

Delta R.T. -0.000 min

Lab File: VX026028.D

Acq: 24 Dec 2021 20:26

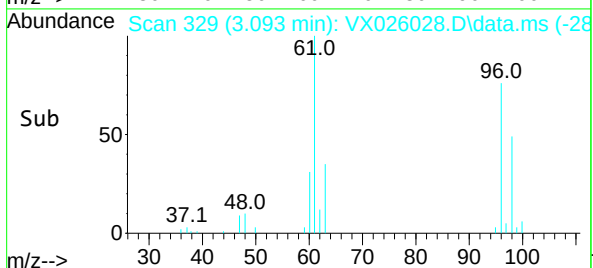
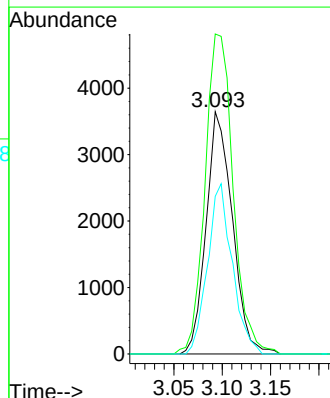
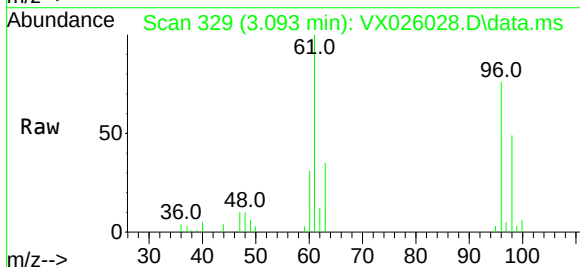
Tgt Ion: 96 Resp: 6887

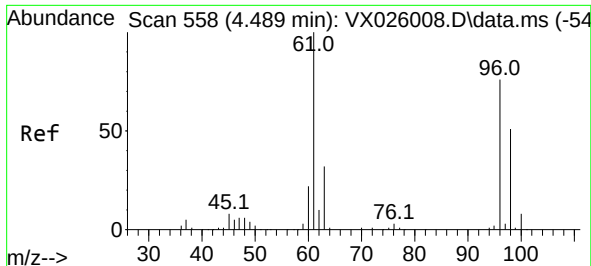
Ion Ratio Lower Upper

96 100

61 132.1 88.5 164.4

98 65.1 44.3 82.3

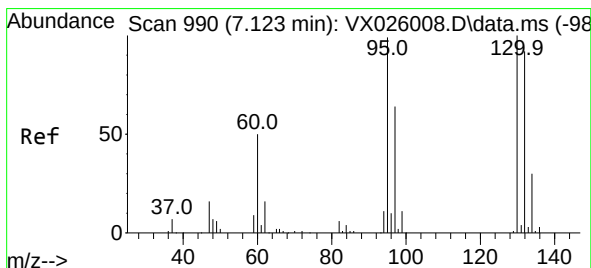
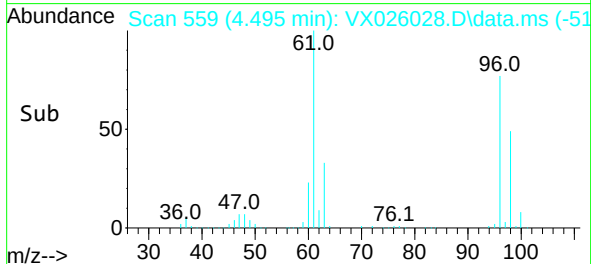
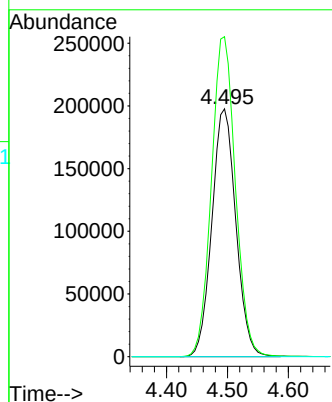
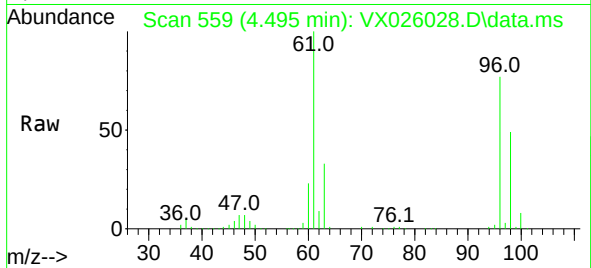




#20
 cis-1,2-Dichloroethene
 Concen: 319.560 ug/L
 RT: 4.495 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VX026028.D
 Acq: 24 Dec 2021 20:26

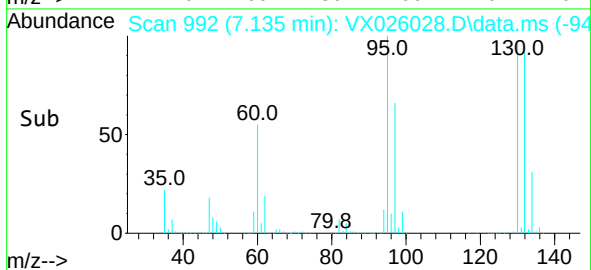
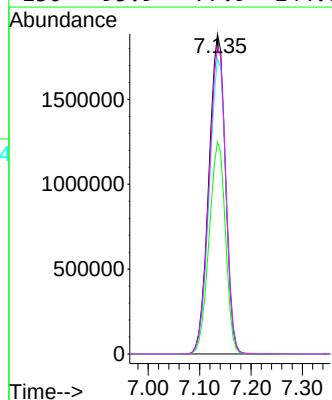
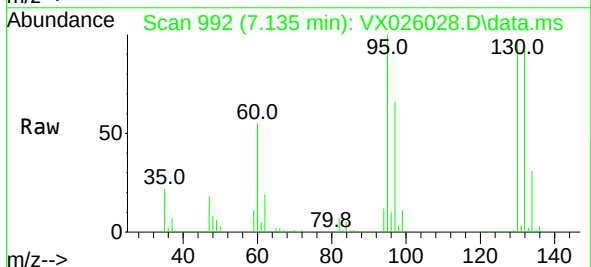
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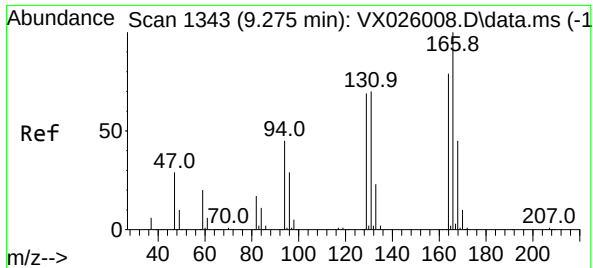
Tgt Ion: 96 Resp: 540372
 Ion Ratio Lower Upper
 96 100
 61 129.1 82.3 152.8
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 2552.842 ug/L
 RT: 7.135 min Scan# 992
 Delta R.T. 0.006 min
 Lab File: VX026028.D
 Acq: 24 Dec 2021 20:26

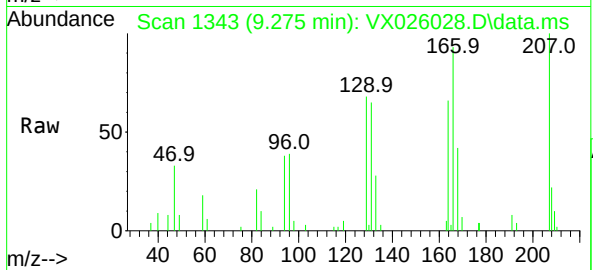
Tgt Ion: 95 Resp: 4199032
 Ion Ratio Lower Upper
 95 100
 97 66.3 46.0 85.4
 132 92.3 75.0 139.2
 130 95.9 77.9 144.7





#46
 Tetrachloroethene
 Concen: 1.885 ug/L
 RT: 9.275 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX026028.D
 Acq: 24 Dec 2021 20:26

Instrument :
 MSVOA_X
 ClientSampleId :
 GBBY0MSD



Tgt Ion:	164	Resp:	2366
Ion	Ratio	Lower	Upper
164	100		
129	102.5	64.7	120.1
131	97.9	63.2	117.4
166	141.3	90.1	167.3

