

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
 Data File : VX026092.D
 Acq On : 28 Dec 2021 03:41
 Operator : JC/MD
 Sample : M5232-05 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GBCC7

Quant Time: Dec 28 04:42:42 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)

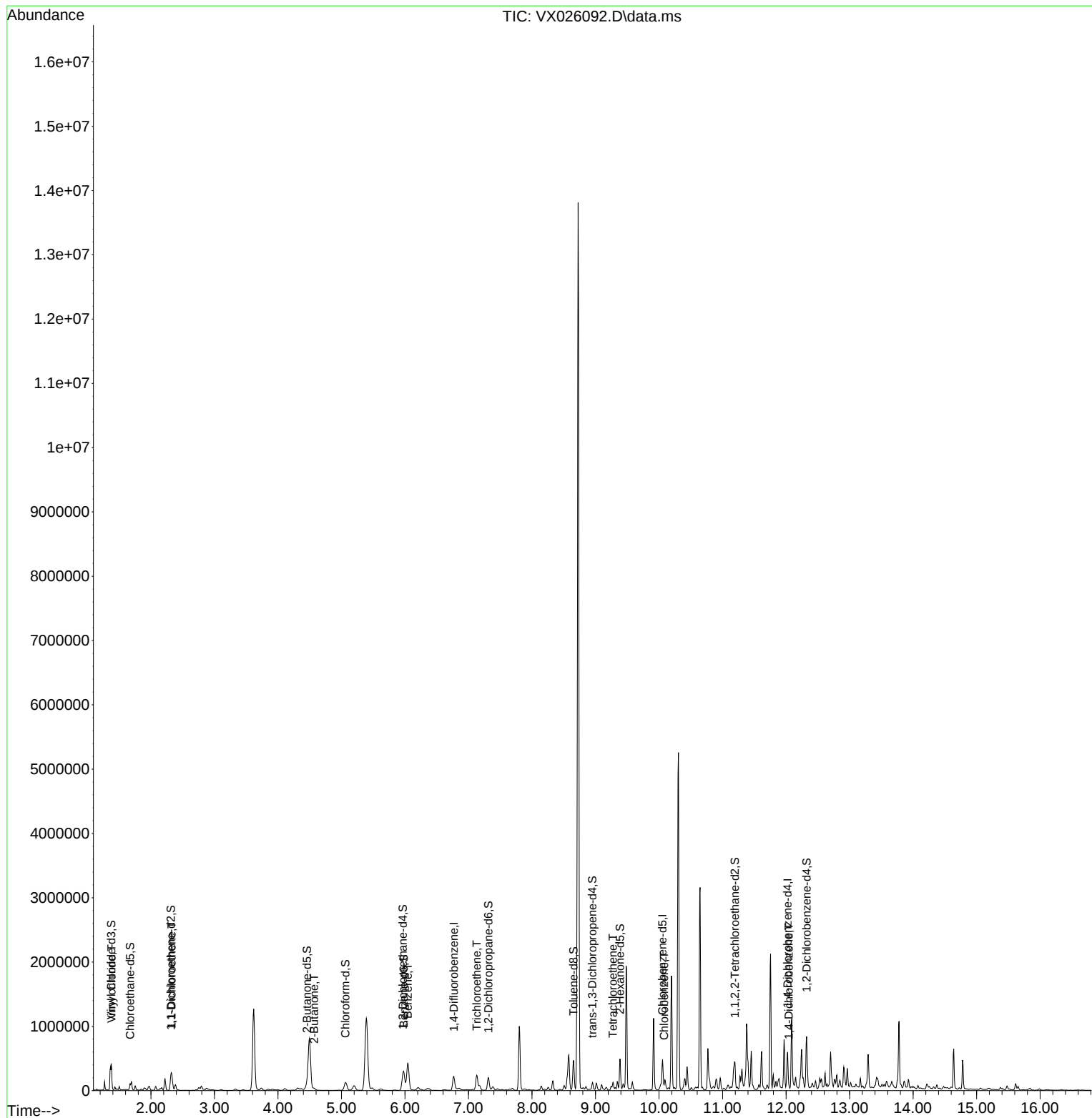
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	212554	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	194494	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	103389	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.373	65	61958	41.105	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.220%
7) Chloroethane-d5	1.672	69	55041	45.693	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.380%
11) 1,1-Dichloroethene-d2	2.312	63	123409	41.316	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.640%
21) 2-Butanone-d5	4.458	46	176316	134.921	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	134.920%#
24) Chloroform-d	5.062	84	150791	49.990	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.980%
26) 1,2-Dichloroethane-d4	5.964	65	102316	50.099	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.200%
32) Benzene-d6	5.982	84	285516	51.001	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.000%
36) 1,2-Dichloropropane-d6	7.311	67	96122	55.237	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.480%
41) Toluene-d8	8.653	98	257709	49.304	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.600%
43) trans-1,3-Dichloroprop...	8.951	79	46955	62.019	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	124.040%
47) 2-Hexanone-d5	9.384	63	129832	144.563	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	144.560%#
56) 1,1,2,2-Tetrachloroeth...	11.195	84	147557	57.506	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	115.020%
66) 1,2-Dichlorobenzene-d4	12.323	152	106815	54.673	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.340%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.380	62	162217	82.884	ug/L	99
12) 1,1-Dichloroethene	2.325	96	39279	27.499	ug/L #	59
22) 2-Butanone	4.568	43	53651	40.332	ug/L	95
33) Benzene	6.043	78	494803	80.117	ug/L	100
34) Trichloroethene	7.129	95	71401	45.197	ug/L	90
46) Tetrachloroethene	9.274	164	20703	17.178	ug/L	96
51) Chlorobenzene	10.079	112	10779	2.604	ug/L	96
65) 1,4-Dichlorobenzene	12.042	146	7277	2.280	ug/L	94

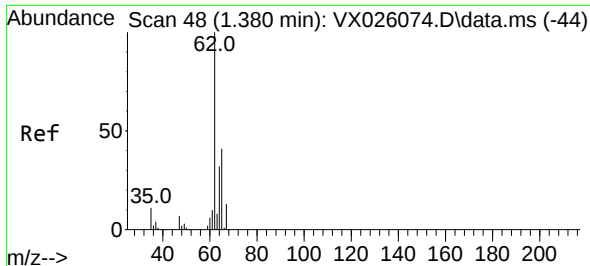
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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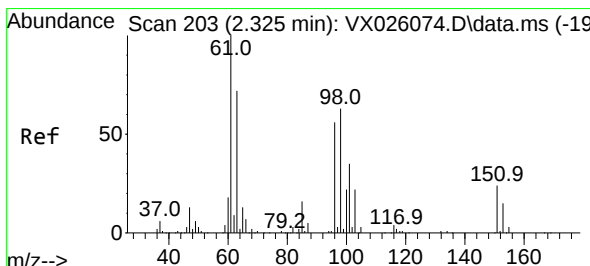
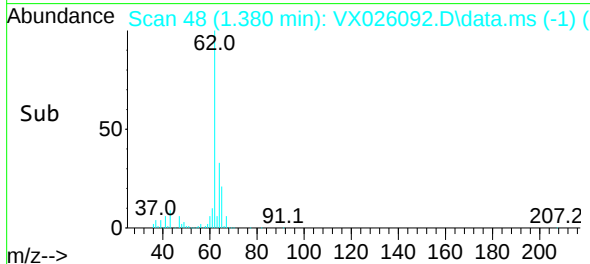
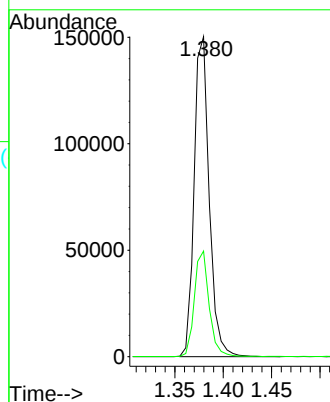
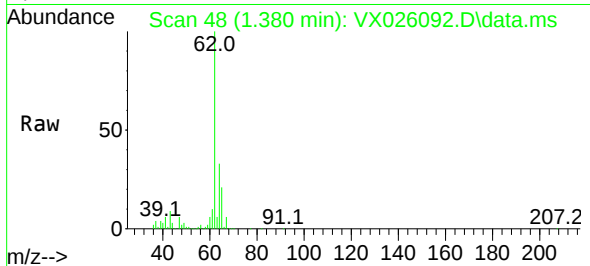




#5
 Vinyl chloride
 Concen: 82.884 ug/L
 RT: 1.380 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX026092.D
 Acq: 28 Dec 2021 03:41

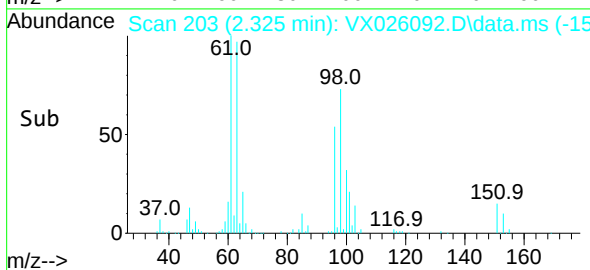
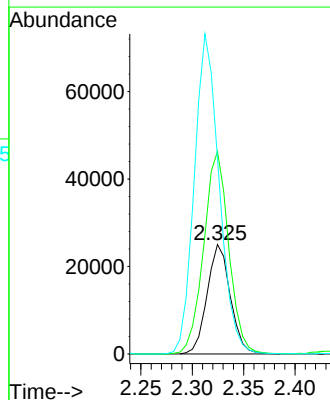
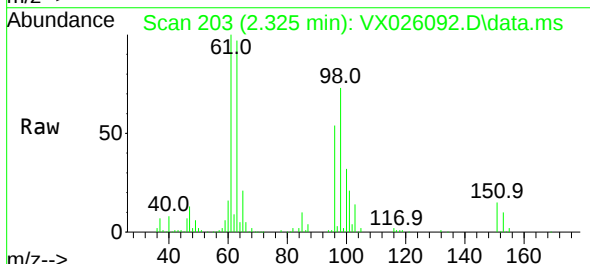
Instrument :
 MSVOA_X
 ClientSampleId :
 GBCC7

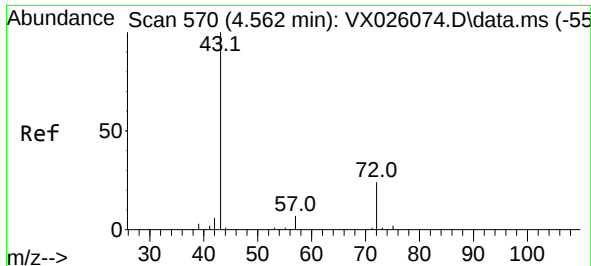
Tgt Ion: 62 Resp: 162217
 Ion Ratio Lower Upper
 62 100
 64 33.0 22.9 42.5



#12
 1,1-Dichloroethene
 Concen: 27.499 ug/L
 RT: 2.325 min Scan# 203
 Delta R.T. -0.000 min
 Lab File: VX026092.D
 Acq: 28 Dec 2021 03:41

Tgt Ion: 96 Resp: 39279
 Ion Ratio Lower Upper
 96 100
 61 185.0 108.7 201.9
 63 178.7 76.3 141.7#

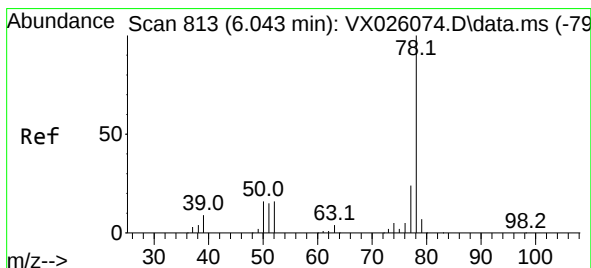
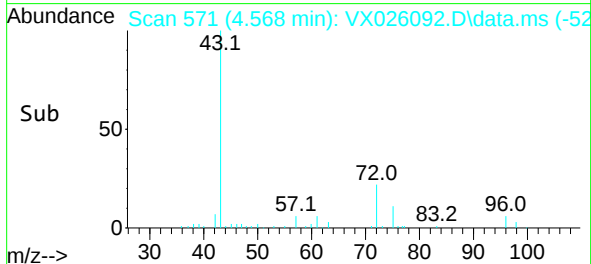
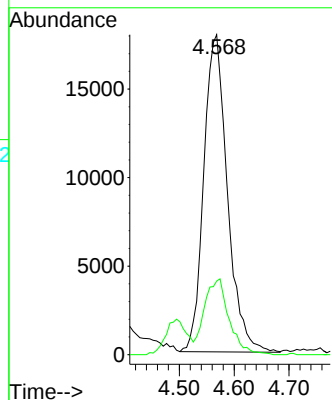
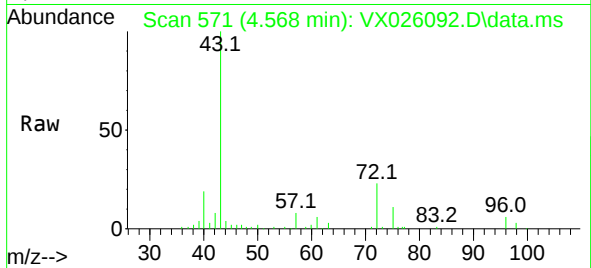




#22
2-Butanone
Concen: 40.332 ug/L
RT: 4.568 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX026092.D
Acq: 28 Dec 2021 03:41

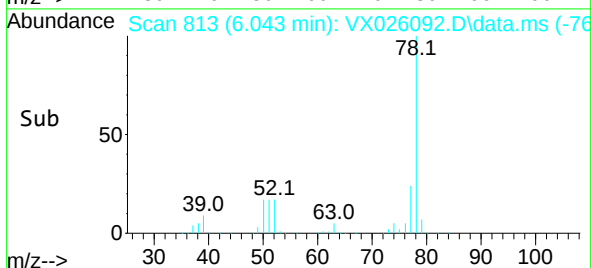
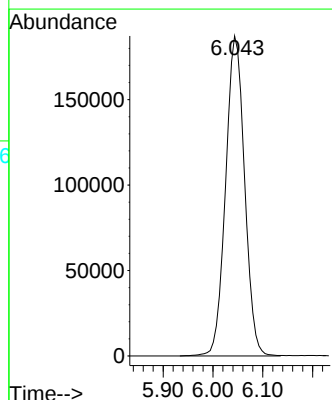
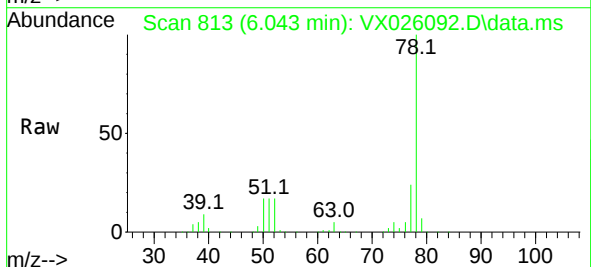
Instrument :
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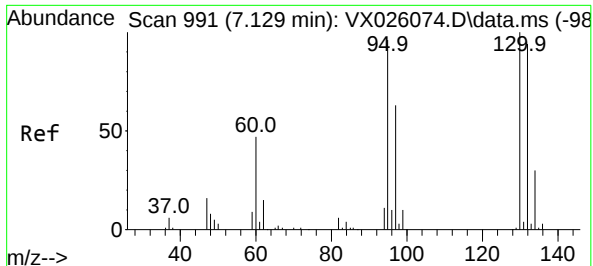
Tgt Ion: 43 Resp: 53651
Ion Ratio Lower Upper
43 100
72 25.0 13.8 41.3



#33
Benzene
Concen: 80.117 ug/L
RT: 6.043 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX026092.D
Acq: 28 Dec 2021 03:41

Tgt Ion: 78 Resp: 494803

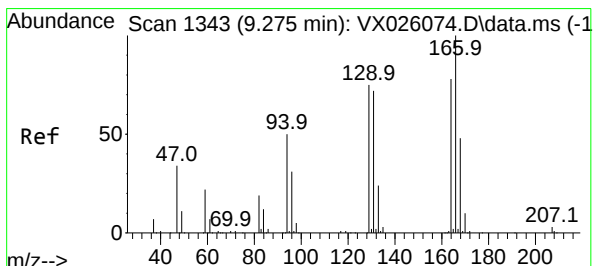
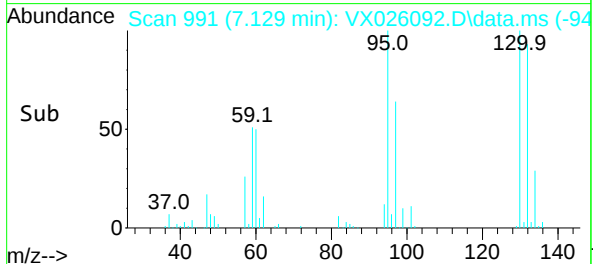
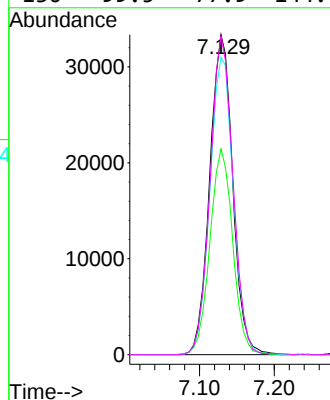
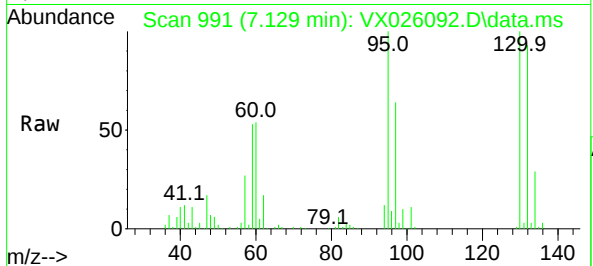




#34
Trichloroethene
Concen: 45.197 ug/L
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX026092.D
Acq: 28 Dec 2021 03:41

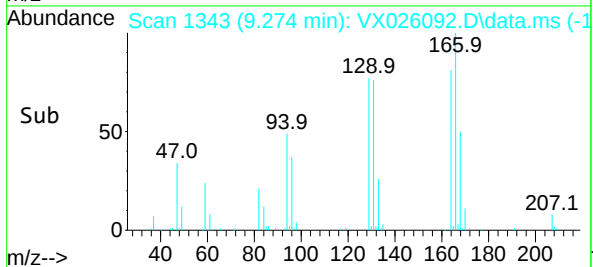
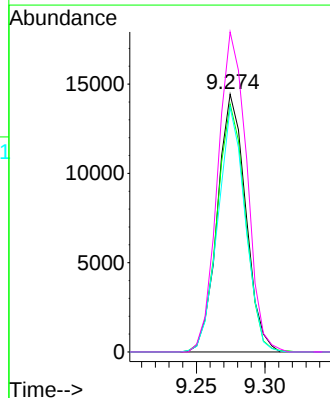
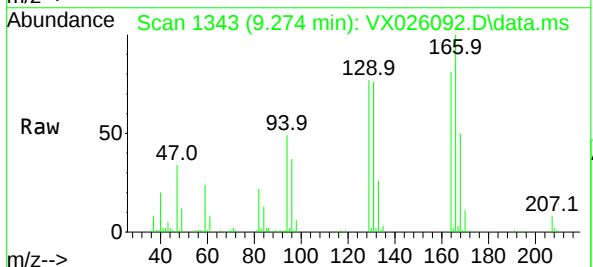
Instrument :
MSVOA_X
ClientSampleId :
GBCC7

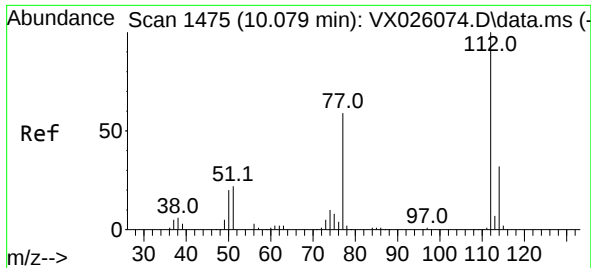
Tgt Ion: 95 Resp: 71401
Ion Ratio Lower Upper
95 100
97 64.3 46.0 85.4
132 93.0 75.0 139.2
130 99.5 77.9 144.7



#46
Tetrachloroethene
Concen: 17.178 ug/L
RT: 9.274 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX026092.D
Acq: 28 Dec 2021 03:41

Tgt Ion:164 Resp: 20703
Ion Ratio Lower Upper
164 100
129 96.2 64.7 120.1
131 94.9 63.2 117.4
166 124.1 90.1 167.3

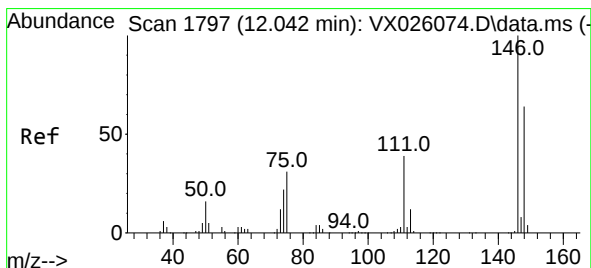
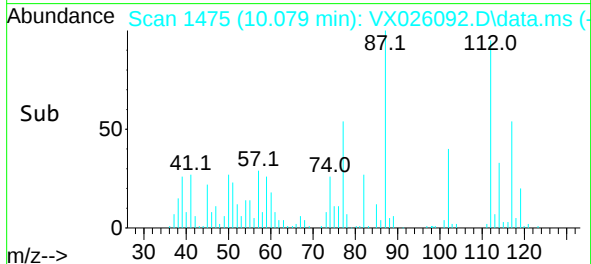
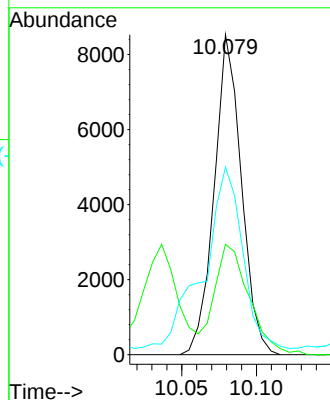
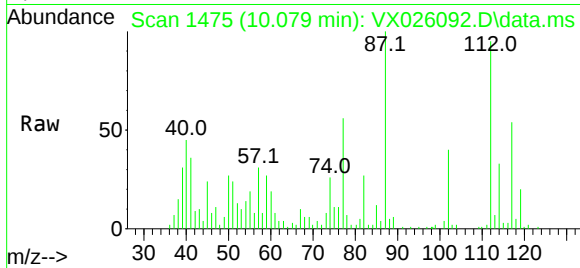




#51
Chlorobenzene
Concen: 2.604 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX026092.D
Acq: 28 Dec 2021 03:41

Instrument :
MSVOA_X
ClientSampleId :
GBCC7

Tgt Ion:112 Resp: 10779
Ion Ratio Lower Upper
112 100
114 34.5 22.5 41.9
77 58.6 44.5 66.7



#65
1,4-Dichlorobenzene
Concen: 2.280 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX026092.D
Acq: 28 Dec 2021 03:41

Tgt Ion:146 Resp: 7277
Ion Ratio Lower Upper
146 100
111 39.1 26.5 49.3
148 58.9 45.5 84.5

