

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
 Data File : VX026091.D
 Acq On : 28 Dec 2021 03:17
 Operator : JC/MD
 Sample : M5232-04 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GBCC6

Quant Time: Dec 28 04:42:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.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)

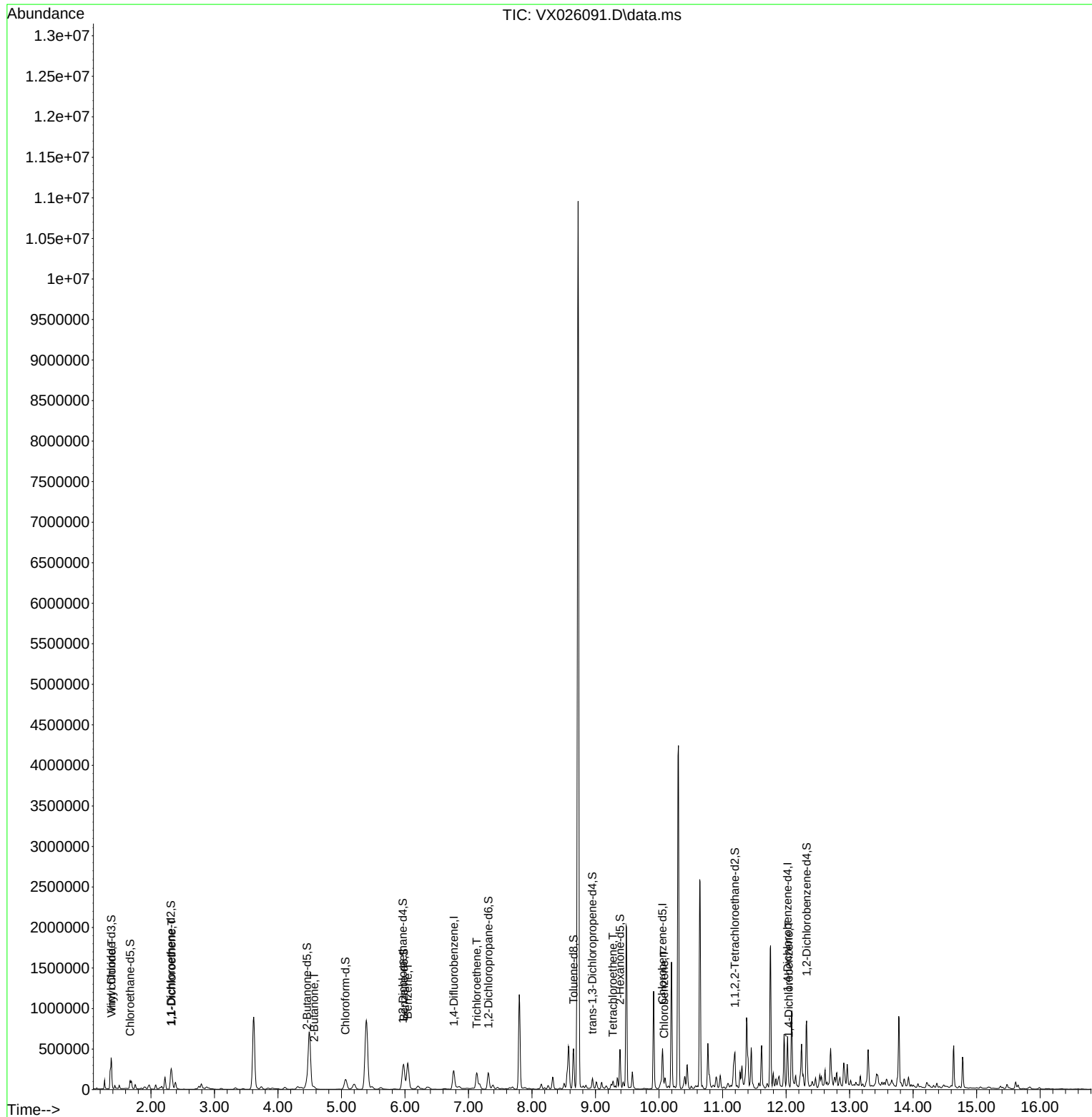
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	223633	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	205470	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	106915	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	62030	39.114	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.220%
7) Chloroethane-d5	1.673	69	56627	44.681	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.360%
11) 1,1-Dichloroethene-d2	2.313	63	121712	38.729	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.460%
21) 2-Butanone-d5	4.459	46	175341	127.527	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	127.530%
24) Chloroform-d	5.062	84	151505	47.739	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.480%
26) 1,2-Dichloroethane-d4	5.964	65	103990	48.396	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.800%
32) Benzene-d6	5.983	84	292432	49.446	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.900%
36) 1,2-Dichloropropane-d6	7.312	67	95929	52.181	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.360%
41) Toluene-d8	8.653	98	267981	48.530	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.060%
43) trans-1,3-Dichloroprop...	8.952	79	47949	59.949	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	119.900%
47) 2-Hexanone-d5	9.385	63	131379	138.471	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	138.470%#
56) 1,1,2,2-Tetrachloroeth...	11.195	84	148282	54.702	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.400%
66) 1,2-Dichlorobenzene-d4	12.323	152	111252	55.066	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.140%
Target Compounds						Qvalue
5) Vinyl chloride	1.380	62	157176	76.330	ug/L	99
12) 1,1-Dichloroethene	2.325	96	28935	19.254	ug/L #	31
22) 2-Butanone	4.568	43	49956	35.694	ug/L	93
33) Benzene	6.044	78	369342	56.608	ug/L	100
34) Trichloroethene	7.129	95	59779	35.819	ug/L	87
46) Tetrachloroethene	9.275	164	16904	13.276	ug/L	90
51) Chlorobenzene	10.080	112	9992	2.285	ug/L	95
65) 1,4-Dichlorobenzene	12.043	146	6194	1.877	ug/L	90

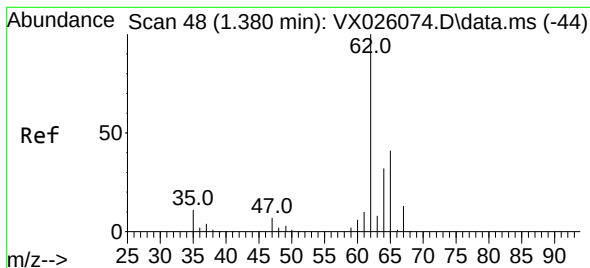
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Dec 28 02:17:03 2021
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 76.330 ug/L

RT: 1.380 min Scan# 48

Delta R.T. 0.000 min

Lab File: VX026091.D

Acq: 28 Dec 2021 03:17

Instrument :

MSVOA_X

ClientSampleId :

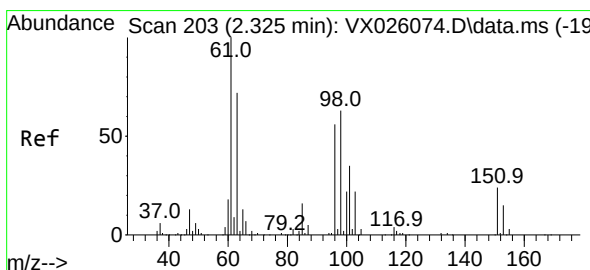
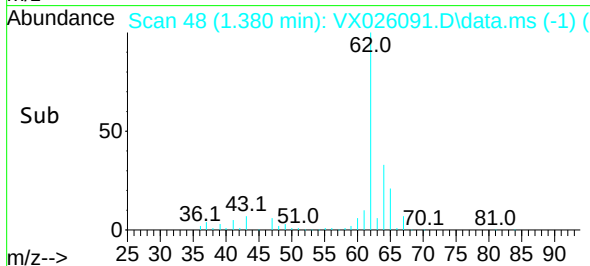
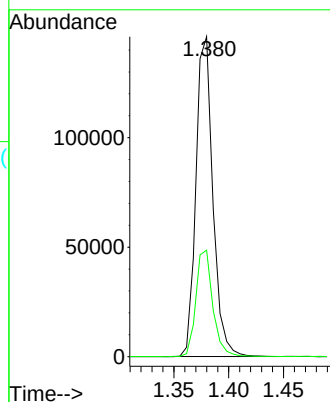
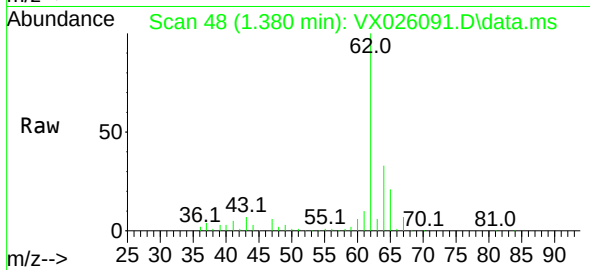
GBCC6

Tgt Ion: 62 Resp: 157176

Ion Ratio Lower Upper

62 100

64 33.3 22.9 42.5



#12

1,1-Dichloroethene

Concen: 19.254 ug/L

RT: 2.325 min Scan# 203

Delta R.T. 0.000 min

Lab File: VX026091.D

Acq: 28 Dec 2021 03:17

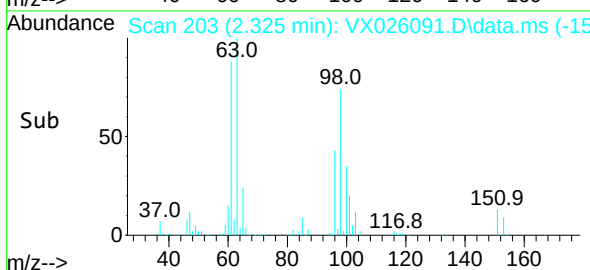
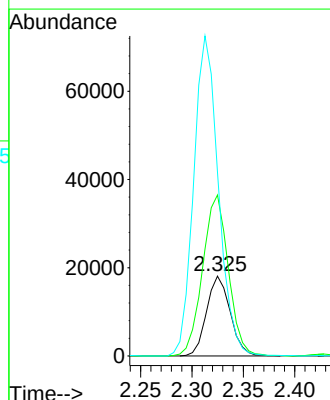
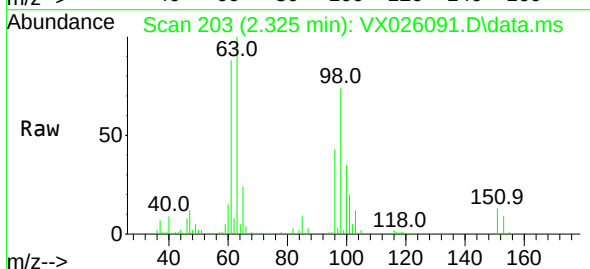
Tgt Ion: 96 Resp: 28935

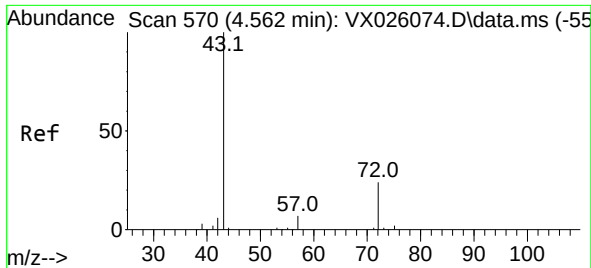
Ion Ratio Lower Upper

96 100

61 201.5 108.7 201.9

63 230.2 76.3 141.7#

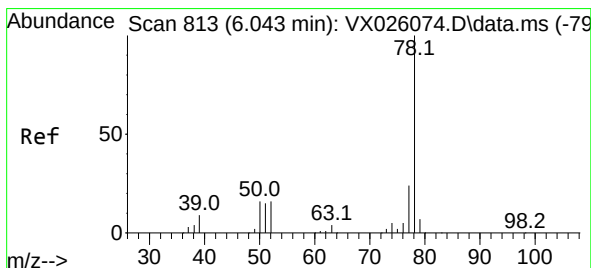
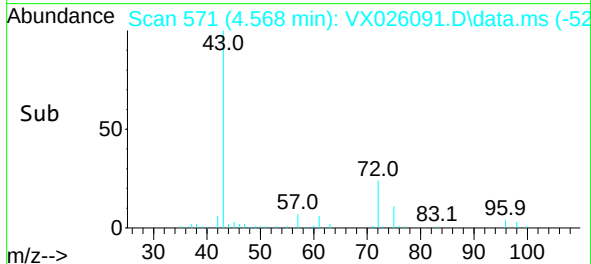
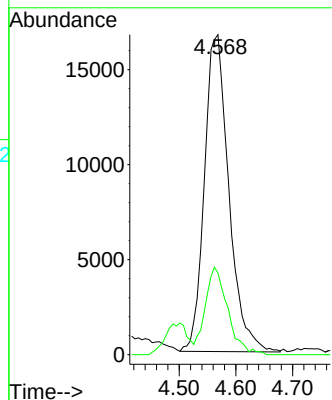
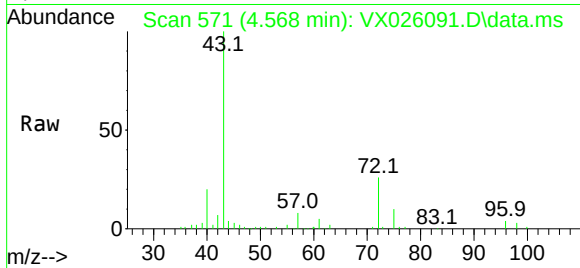




#22
2-Butanone
Concen: 35.694 ug/L
RT: 4.568 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX026091.D
Acq: 28 Dec 2021 03:17

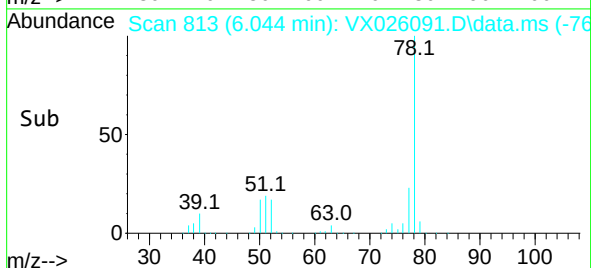
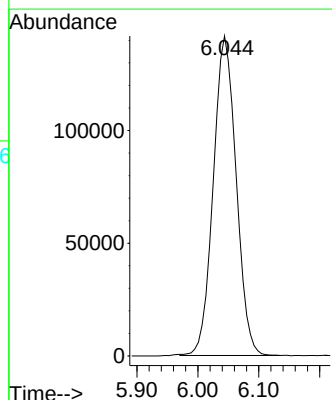
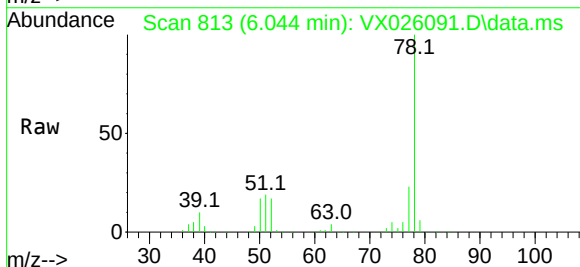
Instrument :
MSVOA_X
ClientSampleId :
GBCC6

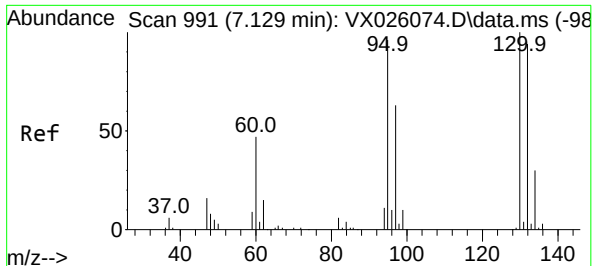
Tgt Ion: 43 Resp: 49956
Ion Ratio Lower Upper
43 100
72 23.6 13.8 41.3



#33
Benzene
Concen: 56.608 ug/L
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX026091.D
Acq: 28 Dec 2021 03:17

Tgt Ion: 78 Resp: 369342



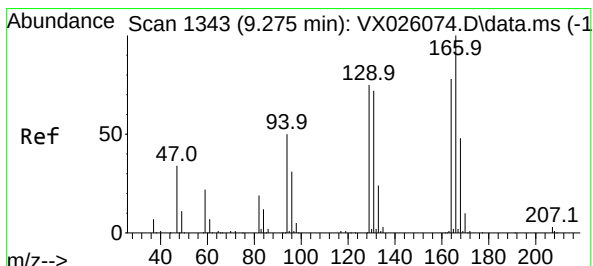
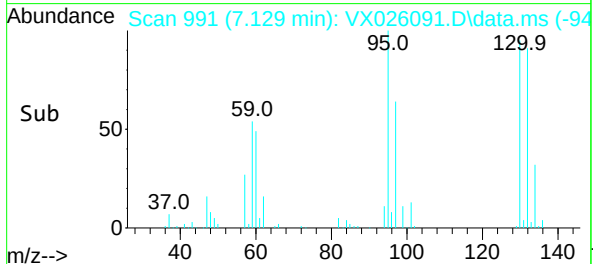
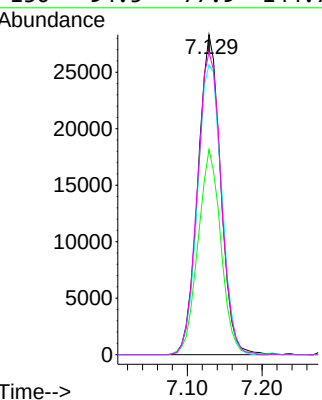
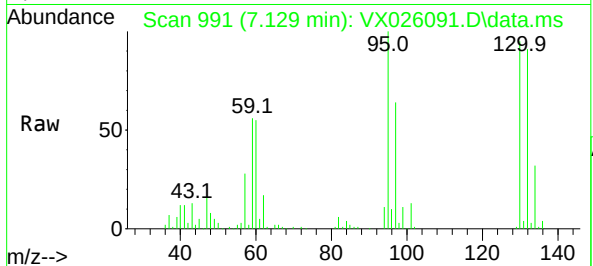


#34
Trichloroethene
Concen: 35.819 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX026091.D
Acq: 28 Dec 2021 03:17

Instrument :
MSVOA_X
ClientSampleId :
GBCC6

Tgt Ion: 95 Resp: 59779

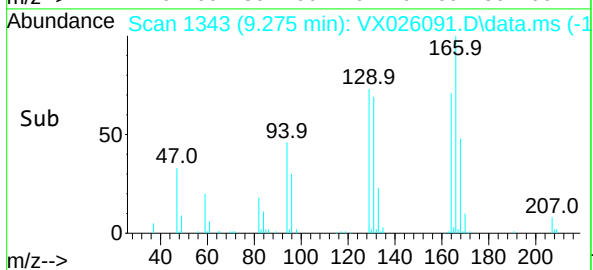
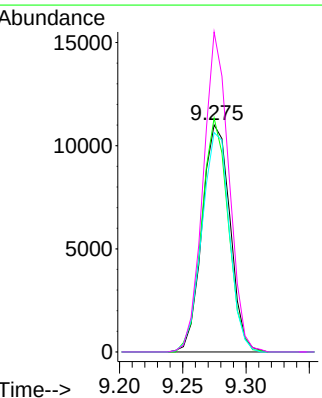
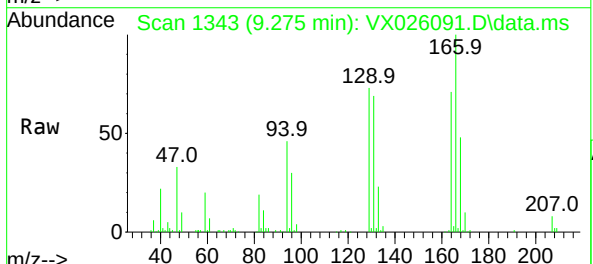
Ion	Ratio	Lower	Upper
95	100		
97	64.1	46.0	85.4
132	90.6	75.0	139.2
130	94.5	77.9	144.7

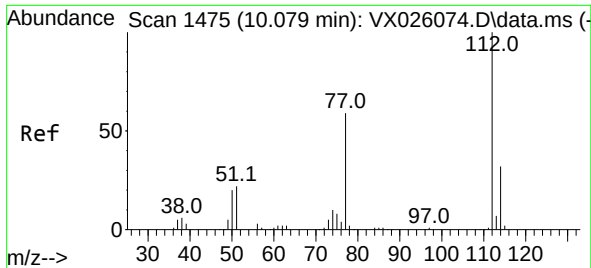


#46
Tetrachloroethene
Concen: 13.276 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX026091.D
Acq: 28 Dec 2021 03:17

Tgt Ion: 164 Resp: 16904

Ion	Ratio	Lower	Upper
164	100		
129	103.0	64.7	120.1
131	96.6	63.2	117.4
166	140.9	90.1	167.3

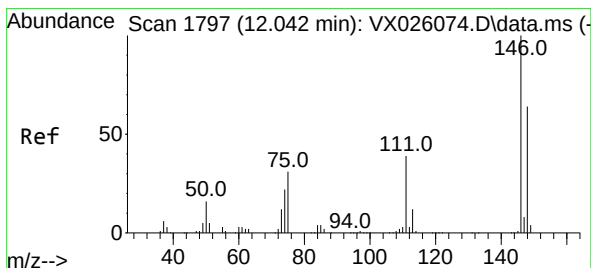
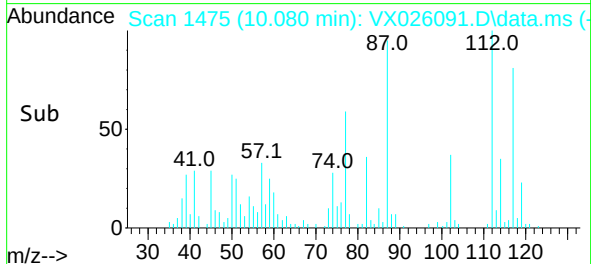
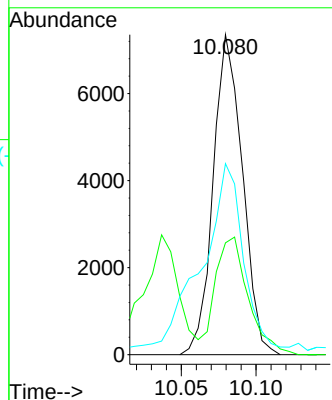
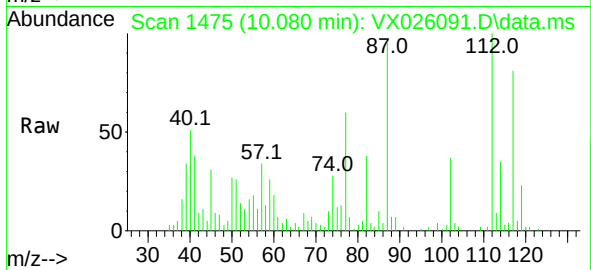




#51
Chlorobenzene
Concen: 2.285 ug/L
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX026091.D
Acq: 28 Dec 2021 03:17

Instrument :
MSVOA_X
ClientSampleId :
GBCC6

Tgt Ion:112 Resp: 9992
Ion Ratio Lower Upper
112 100
114 35.0 22.5 41.9
77 59.7 44.5 66.7



#65
1,4-Dichlorobenzene
Concen: 1.877 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX026091.D
Acq: 28 Dec 2021 03:17

Tgt Ion:146 Resp: 6194
Ion Ratio Lower Upper
146 100
111 46.3 26.5 49.3
148 71.6 45.5 84.5

