

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121021\
 Data File : VW021308.D
 Acq On : 11 Dec 2021 02:25
 Operator : SY/VA
 Sample : M5023-07
 Misc : 6.42g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGKY3

Quant Time: Dec 11 03:29:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 10 23:12:45 2021
 Response via : Initial Calibration

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

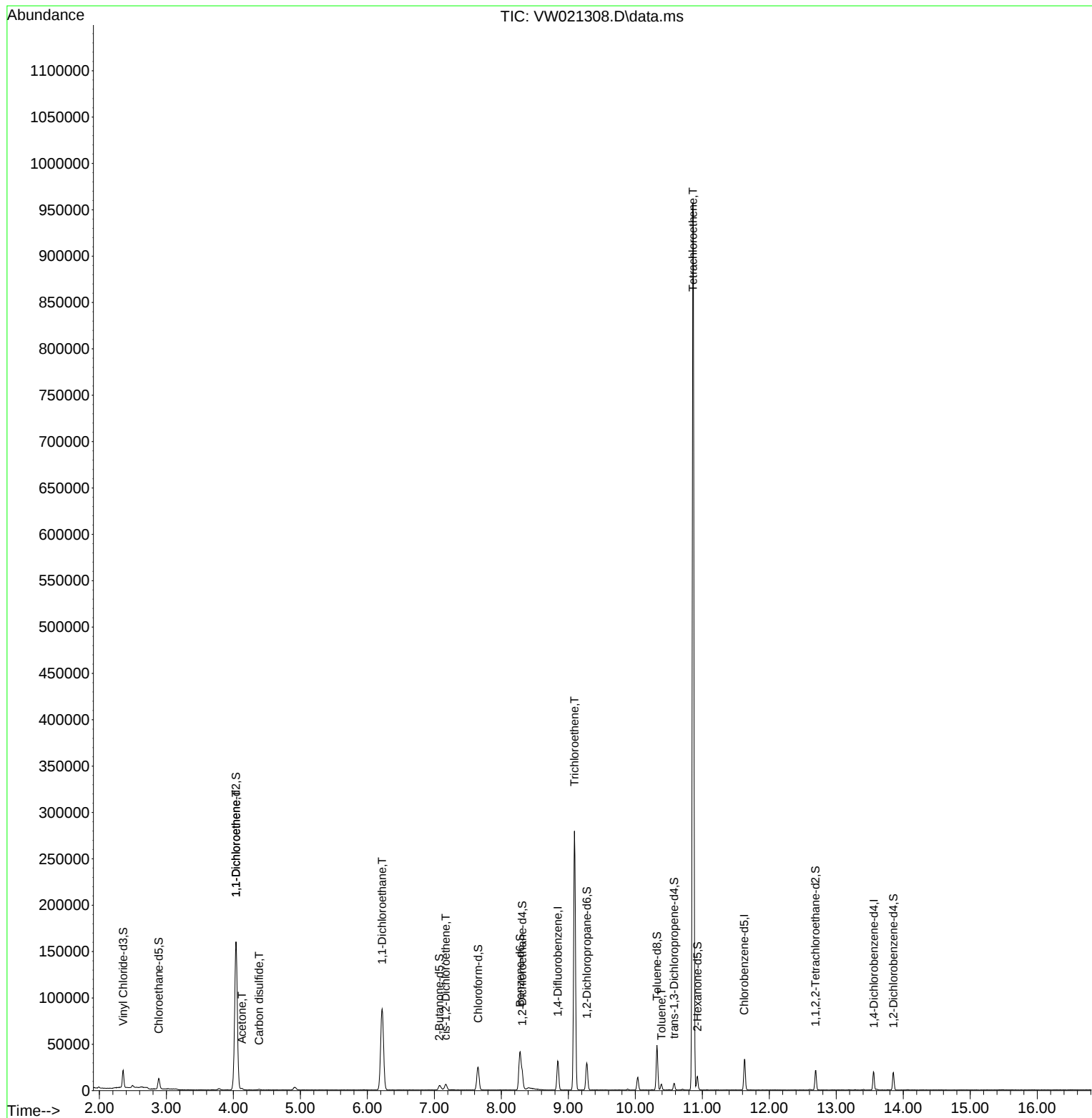
Internal Standards							
1) 1,4-Difluorobenzene		8.842	114	27219	25.000	ug/L	# 0.00
28) Chlorobenzene-d5		11.628	117	19855	25.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4		13.560	152	5402	25.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		2.355	65	16972	34.237	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 136.960%		
7) Chloroethane-d5		2.885	69	12623	38.518	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 154.080%#		
11) 1,1-Dichloroethene-d2		4.038	63	58722	88.852	ug/L	0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	= 355.400%#		
21) 2-Butanone-d5		7.074	46	8521	121.941	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 243.880%#		
24) Chloroform-d		7.653	84	25162	33.172	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 132.680%		
26) 1,2-Dichloroethane-d4		8.311	65	14276	35.382	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 141.520%#		
32) Benzene-d6		8.281	84	42350	38.913	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 155.640%#		
36) 1,2-Dichloropropane-d6		9.275	67	12534	42.943	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 171.760%#		
41) Toluene-d8		10.323	98	31098	27.966	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 111.880%		
43) trans-1,3-Dichloroprop...		10.579	79	4241	31.557	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 126.240%		
47) 2-Hexanone-d5		10.927	63	5037	116.704	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 233.400%#		
56) 1,1,2,2-Tetrachloroeth...		12.689	84	10126	40.357	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 161.440%#		
66) 1,2-Dichlorobenzene-d4		13.853	152	4993	23.849	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 95.400%		
Target Compounds							Qvalue
12) 1,1-Dichloroethene		4.038	96	84303	249.868	ug/L	# 60
13) Acetone		4.129	43	2223	35.486	ug/L	82
14) Carbon disulfide		4.385	76	1383	1.587	ug/L	# 75
19) 1,1-Dichloroethane		6.220	63	121004	211.085	ug/L	98
20) cis-1,2-Dichloroethene		7.171	96	3903	10.129	ug/L	67
34) Trichloroethene		9.092	95	88968	293.022	ug/L	90
42) Toluene		10.390	91	4597	3.634	ug/L	95
46) Tetrachloroethene		10.860	164	217303	753.400	ug/L	92

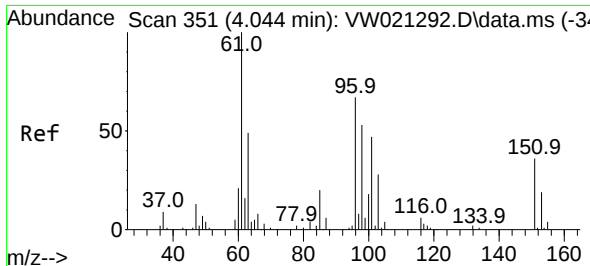
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Dec 10 23:12:45 2021
Response via : Initial Calibration

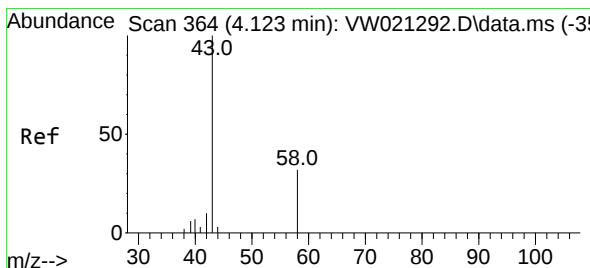
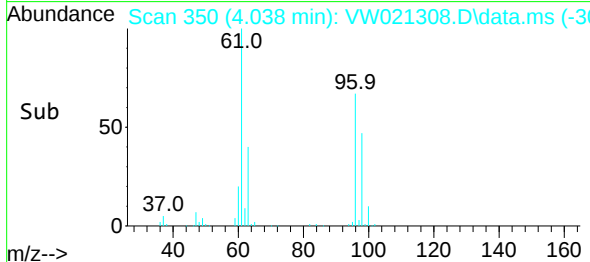
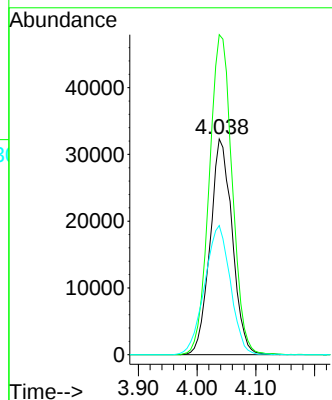
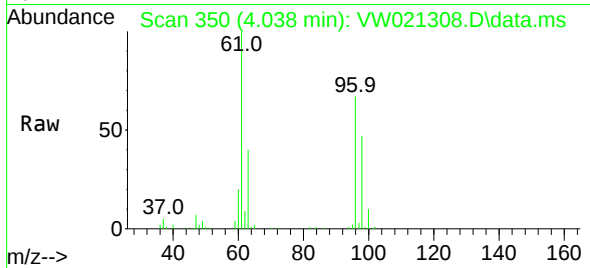




#12
1,1-Dichloroethene
Concen: 249.868 ug/L
RT: 4.038 min Scan# 31
Delta R.T. -0.006 min
Lab File: VW021308.D
Acq: 11 Dec 2021 02:25

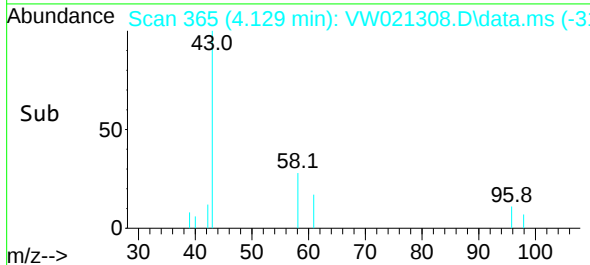
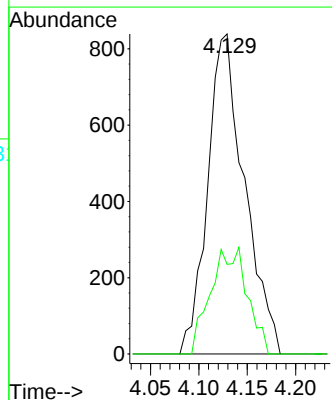
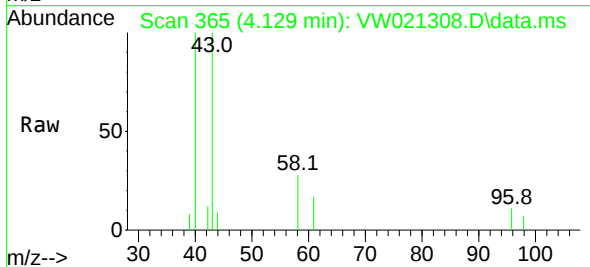
Instrument :
MSVOA_W
ClientSampleId :
BGKY3

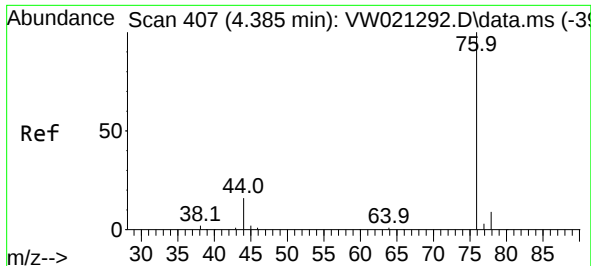
Tgt Ion: 96 Resp: 84303
Ion Ratio Lower Upper
96 100
61 148.4 138.3 256.9
63 59.9 82.6 153.4#



#13
Acetone
Concen: 35.486 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.006 min
Lab File: VW021308.D
Acq: 11 Dec 2021 02:25

Tgt Ion: 43 Resp: 2223
Ion Ratio Lower Upper
43 100
58 17.4 0.0 52.8

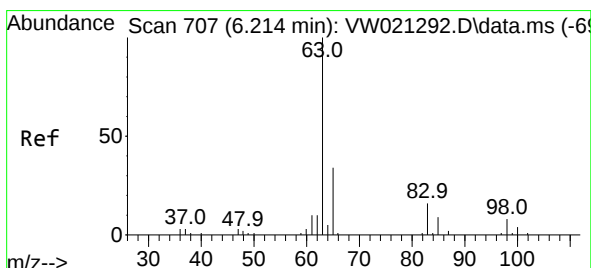
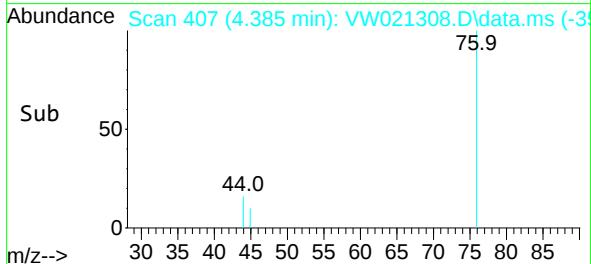
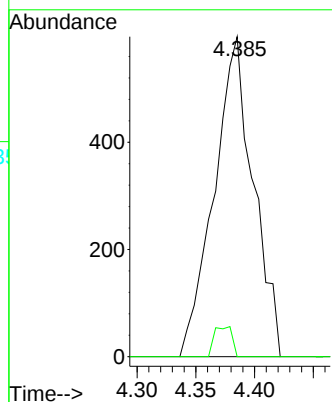
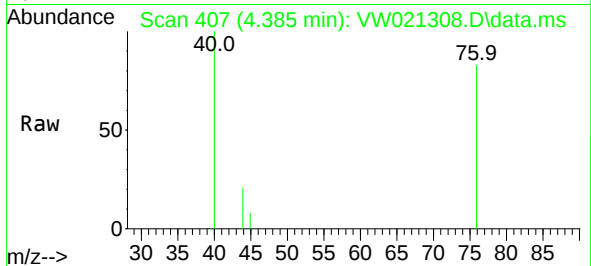




#14
Carbon disulfide
Concen: 1.587 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW021308.D
Acq: 11 Dec 2021 02:25

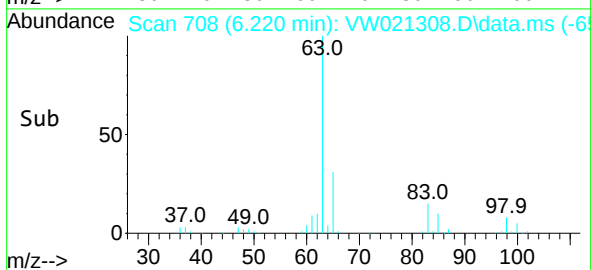
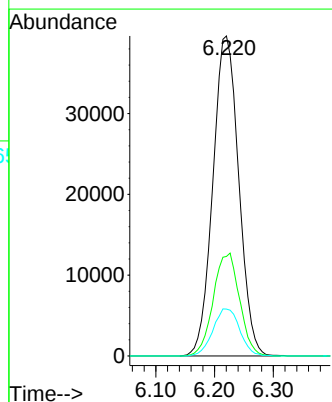
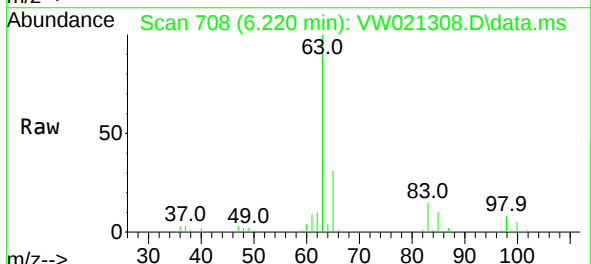
Instrument :
MSVOA_W
ClientSampleId :
BGKY3

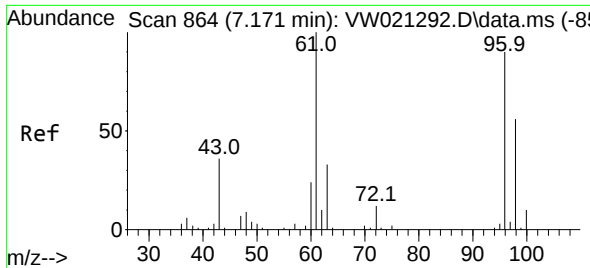
Tgt Ion: 76 Resp: 1383
Ion Ratio Lower Upper
76 100
78 0.0 7.1 10.7#



#19
1,1-Dichloroethane
Concen: 211.085 ug/L
RT: 6.220 min Scan# 708
Delta R.T. 0.006 min
Lab File: VW021308.D
Acq: 11 Dec 2021 02:25

Tgt Ion: 63 Resp: 121004
Ion Ratio Lower Upper
63 100
65 31.1 22.1 41.1
83 14.6 9.2 17.2

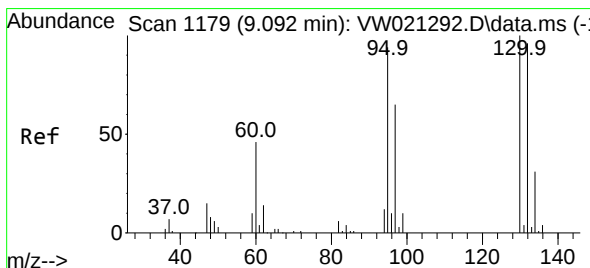
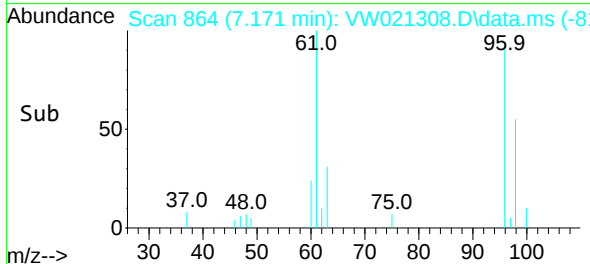
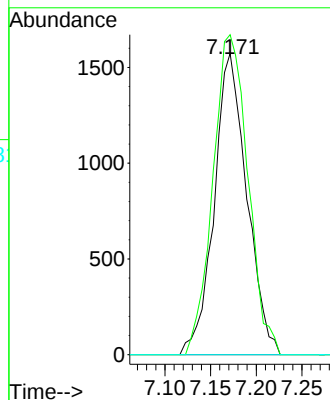
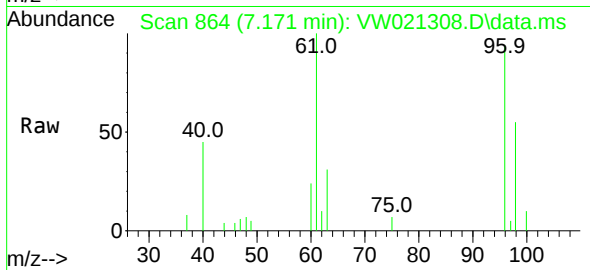




#20
cis-1,2-Dichloroethene
Concen: 10.129 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW021308.D
Acq: 11 Dec 2021 02:25

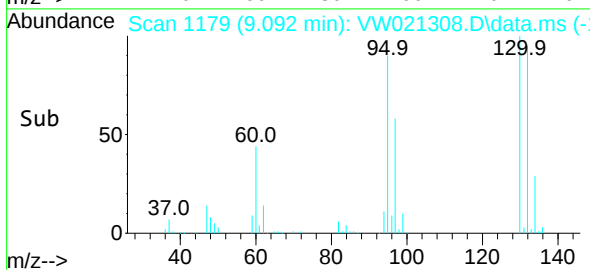
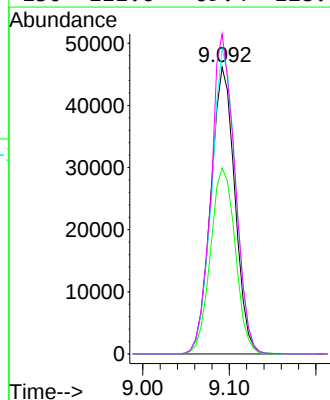
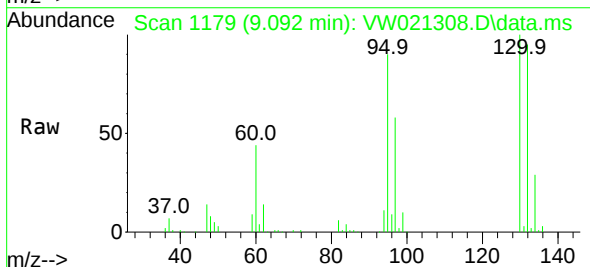
Instrument :
MSVOA_W
ClientSampleId :
BGKY3

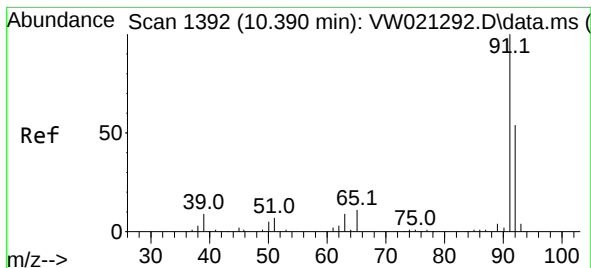
Tgt Ion: 96 Resp: 3903
Ion Ratio Lower Upper
96 100
61 106.2 103.7 192.7
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 293.022 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW021308.D
Acq: 11 Dec 2021 02:25

Tgt Ion: 95 Resp: 88968
Ion Ratio Lower Upper
95 100
97 64.9 47.0 87.2
132 106.3 65.5 121.6
130 111.6 69.4 128.8





#42

Toluene

Concen: 3.634 ug/L

RT: 10.390 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW021308.D

Acq: 11 Dec 2021 02:25

Instrument :

MSVOA_W

ClientSampleId :

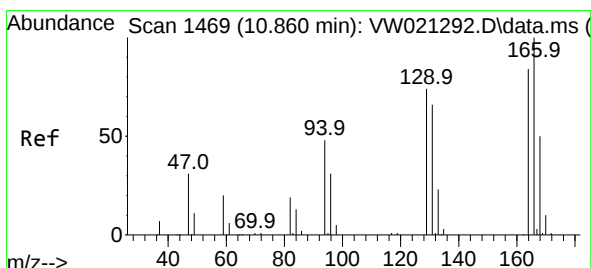
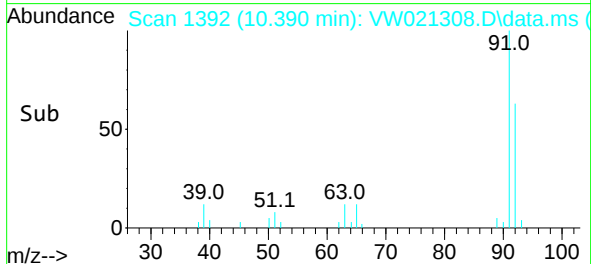
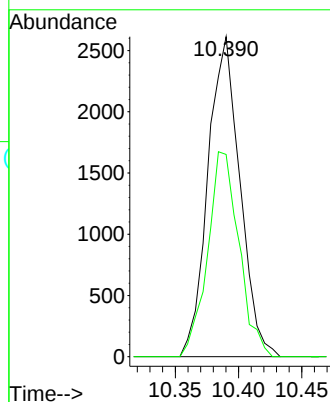
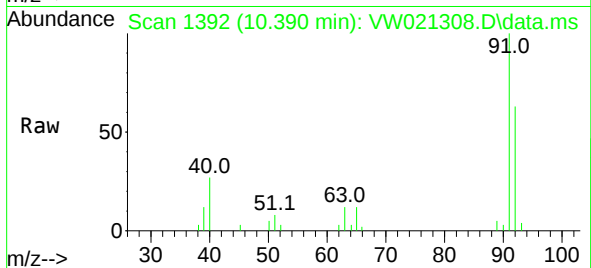
BGKY3

Tgt Ion: 91 Resp: 4597

Ion Ratio Lower Upper

91 100

92 63.2 41.7 77.5



#46

Tetrachloroethene

Concen: 753.400 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. 0.000 min

Lab File: VW021308.D

Acq: 11 Dec 2021 02:25

Tgt Ion:164 Resp: 217303

Ion Ratio Lower Upper

164 100

129 78.6 65.5 121.7

131 83.4 59.7 110.9

166 117.9 88.7 164.7

