

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051923\
 Data File : VV031122.D
 Acq On : 19 May 2023 21:27
 Operator : SY/MD
 Sample : 02866-16
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBX91

Quant Time: May 20 00:38:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051923WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 20 00:29:13 2023
 Response via : Initial Calibration

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

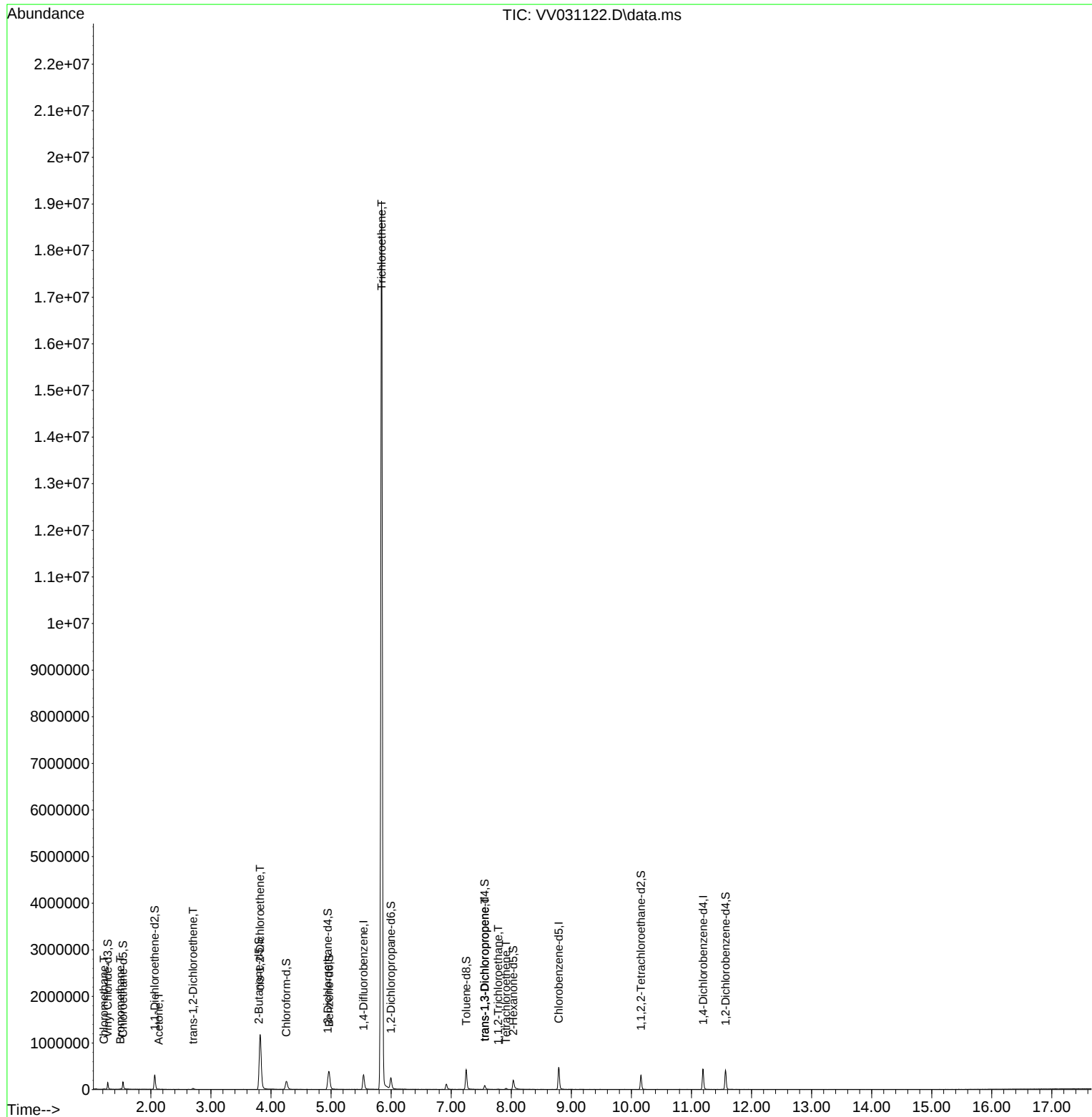
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	264451	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	252540	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	116345	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	92998	41.149	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.300%
7) Chloroethane-d5	1.536	69	88144	50.626	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.260%
11) 1,1-Dichloroethene-d2	2.063	65	45572	43.000	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.000%
21) 2-Butanone-d5	3.799	46	111119	92.271	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.270%
24) Chloroform-d	4.256	84	176543	44.155	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.320%
26) 1,2-Dichloroethane-d4	4.947	65	124157	45.954	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.900%
32) Benzene-d6	4.966	84	316893	46.288	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.580%
36) 1,2-Dichloropropane-d6	5.995	67	98352	48.013	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.020%
41) Toluene-d8	7.249	98	274405	42.945	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.900%
43) trans-1,3-Dichloroprop...	7.558	79	46198	44.952	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.900%
47) 2-Hexanone-d5	8.034	63	67563	84.594	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.590%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	130126	42.354	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.700%
66) 1,2-Dichlorobenzene-d4	11.567	152	106079	50.738	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.480%
Target Compounds						
					Qvalue	
3) Chloromethane	1.220	50	11097	5.937	ug/L	99
6) Bromomethane	1.494	94	3029	3.237	ug/L	99
13) Acetone	2.130	43	5628	3.595	ug/L	90
17) trans-1,2-Dichloroethene	2.703	96	8227	6.057	ug/L	95
20) cis-1,2-Dichloroethene	3.818	96	594882	355.303	ug/L	95
34) Trichloroethene	5.841	95	5909742	3645.475	ug/L	96
44) trans-1,3-Dichloropropene	7.561	75	2886	1.111	ug/L	87
45) 1,1,2-Trichloroethane	7.783	97	1417	0.780	ug/L	97
46) Tetrachloroethene	7.915	164	4681	3.363	ug/L	91

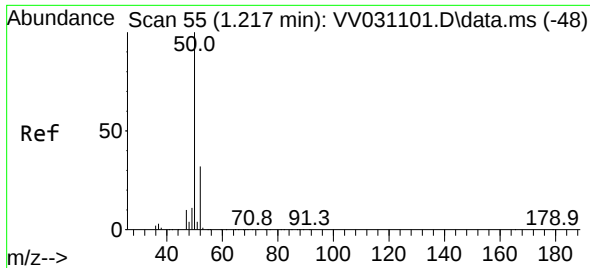
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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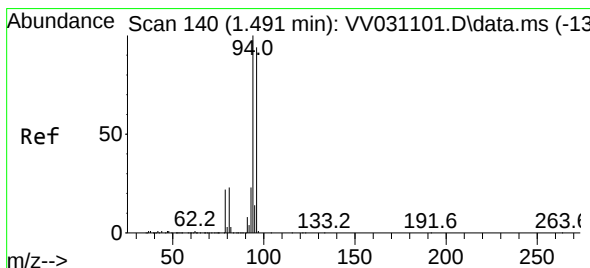
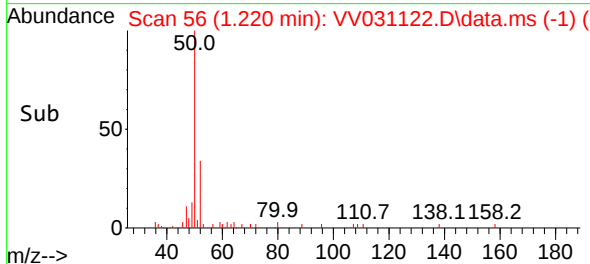
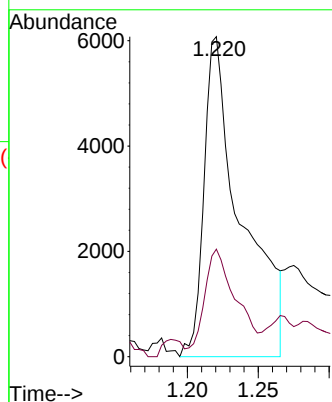
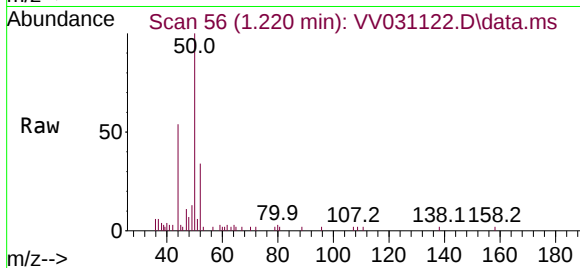




#3
Chloromethane
Concen: 5.937 ug/L
RT: 1.220 min Scan# 50
Delta R.T. 0.003 min
Lab File: VV031122.D
Acq: 19 May 2023 21:27

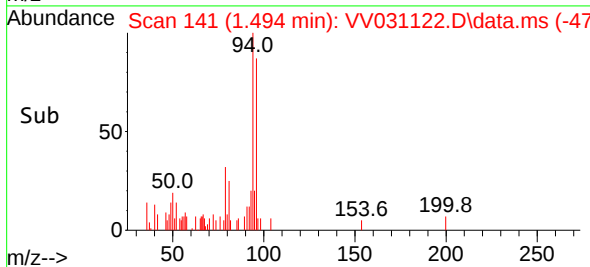
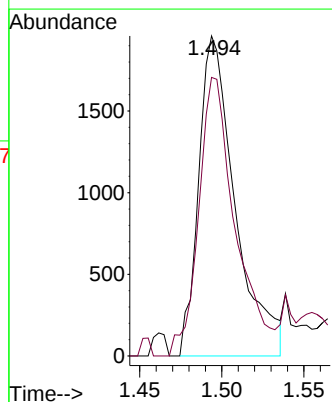
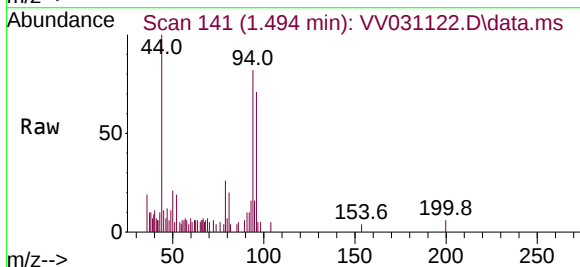
Instrument :
MSVOA_V
ClientSampleId :
GBX91

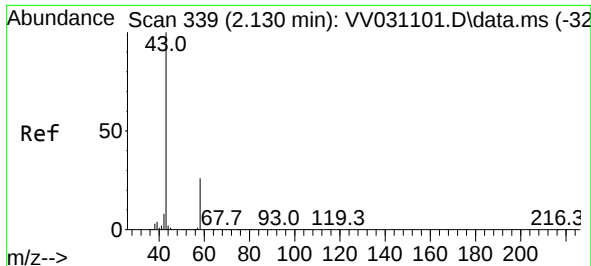
Tgt Ion: 50 Resp: 11097
Ion Ratio Lower Upper
50 100
52 33.6 23.3 43.3



#6
Bromomethane
Concen: 3.237 ug/L
RT: 1.494 min Scan# 141
Delta R.T. 0.003 min
Lab File: VV031122.D
Acq: 19 May 2023 21:27

Tgt Ion: 94 Resp: 3029
Ion Ratio Lower Upper
94 100
96 92.6 63.9 118.7





#13

Acetone

Concen: 3.595 ug/L

RT: 2.130 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV031122.D

Acq: 19 May 2023 21:27

Instrument :

MSVOA_V

ClientSampleId :

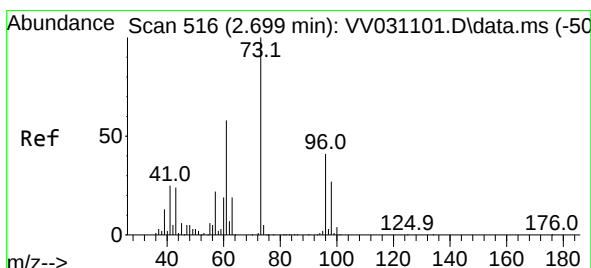
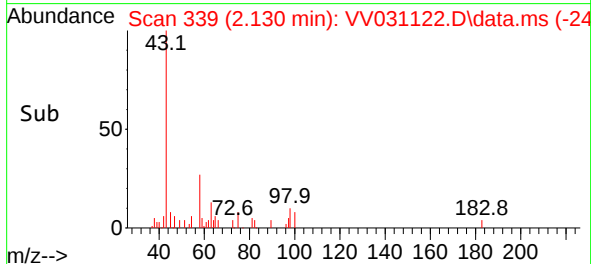
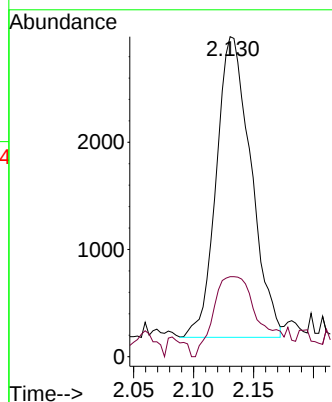
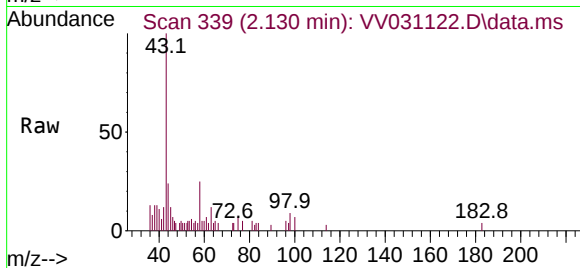
GBX91

Tgt Ion: 43 Resp: 5628

Ion Ratio Lower Upper

43 100

58 32.3 0.0 54.0



#17

trans-1,2-Dichloroethene

Concen: 6.057 ug/L

RT: 2.703 min Scan# 517

Delta R.T. 0.003 min

Lab File: VV031122.D

Acq: 19 May 2023 21:27

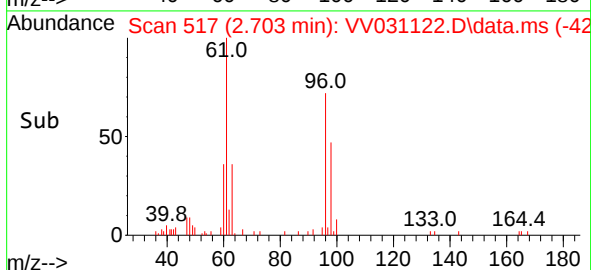
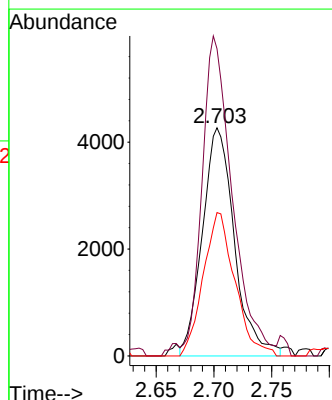
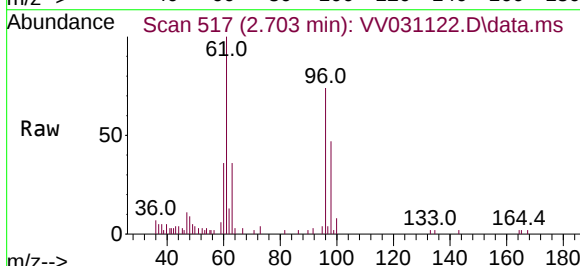
Tgt Ion: 96 Resp: 8227

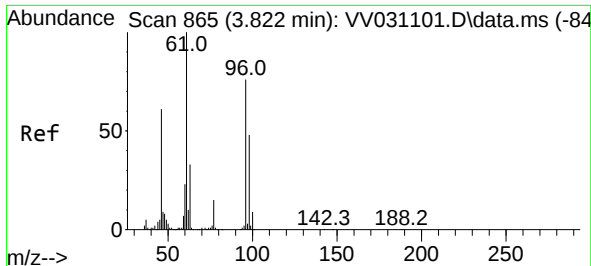
Ion Ratio Lower Upper

96 100

61 134.7 100.0 185.6

98 62.8 45.4 84.2

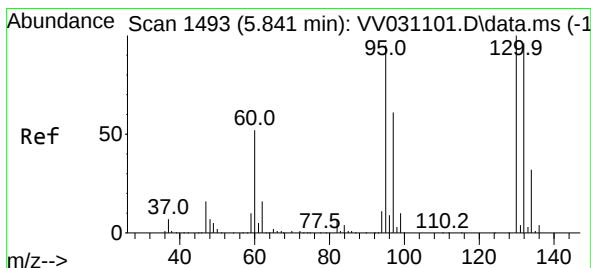
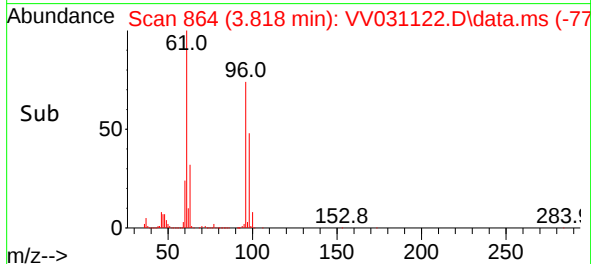
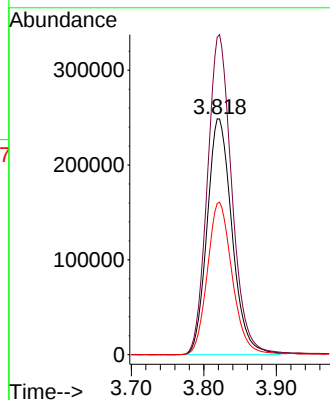
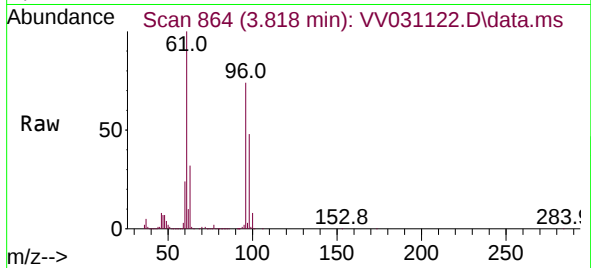




#20
cis-1,2-Dichloroethene
Concen: 355.303 ug/L
RT: 3.818 min Scan# 864
Delta R.T. -0.003 min
Lab File: VV031122.D
Acq: 19 May 2023 21:27

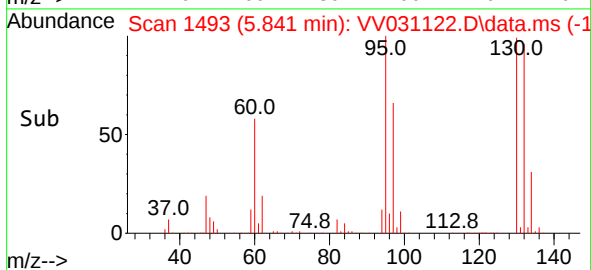
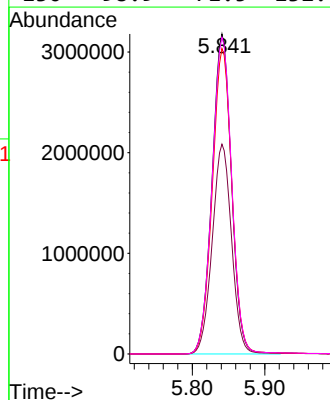
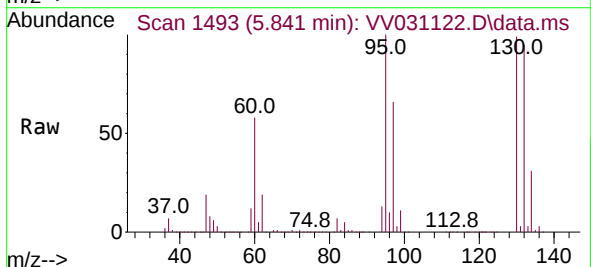
Instrument :
MSVOA_V
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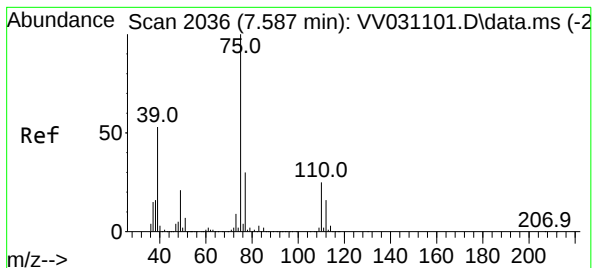
Tgt Ion: 96 Resp: 594882
Ion Ratio Lower Upper
96 100
61 134.6 89.2 165.6
98 64.1 43.0 80.0



#34
Trichloroethene
Concen: 3645.475 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VV031122.D
Acq: 19 May 2023 21:27

Tgt Ion: 95 Resp: 5909742
Ion Ratio Lower Upper
95 100
97 65.6 44.4 82.5
132 95.4 70.2 130.4
130 98.9 71.5 132.7





#44

trans-1,3-Dichloropropene

Concen: 1.111 ug/L

RT: 7.561 min Scan# 2028

Delta R.T. -0.026 min

Lab File: VV031122.D

Acq: 19 May 2023 21:27

Instrument :

MSVOA_V

ClientSampleId :

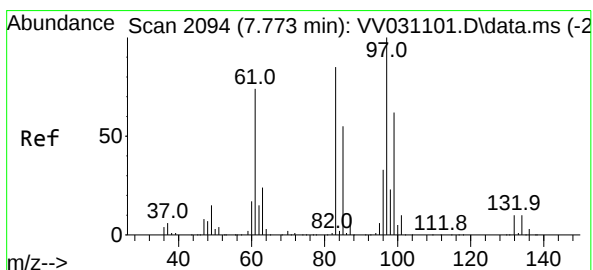
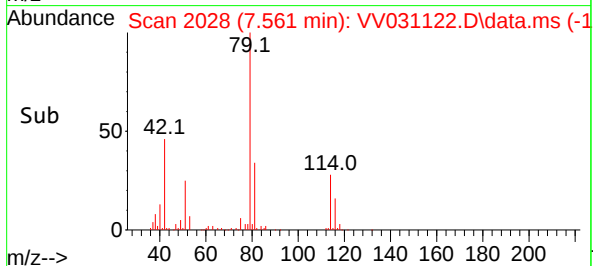
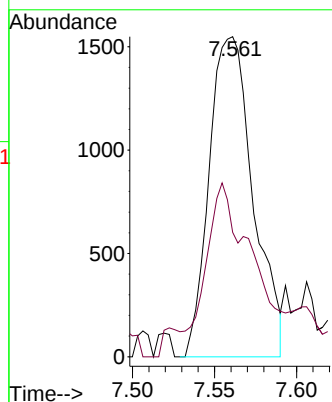
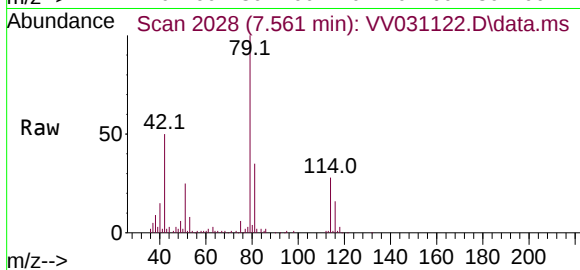
GBX91

Tgt Ion: 75 Resp: 2886

Ion Ratio Lower Upper

75 100

77 38.9 22.2 41.2



#45

1,1,2-Trichloroethane

Concen: 0.780 ug/L

RT: 7.783 min Scan# 2097

Delta R.T. 0.010 min

Lab File: VV031122.D

Acq: 19 May 2023 21:27

Tgt Ion: 97 Resp: 1417

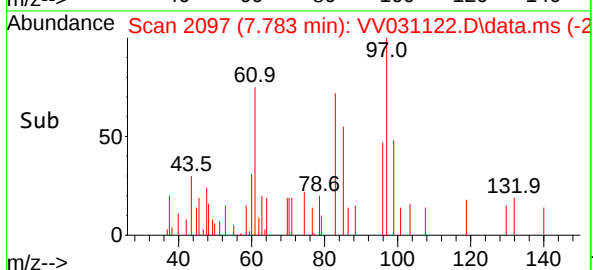
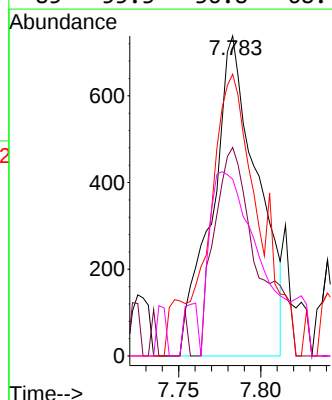
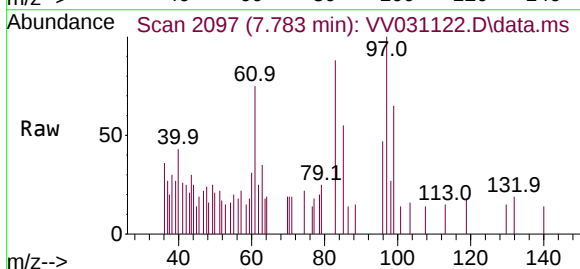
Ion Ratio Lower Upper

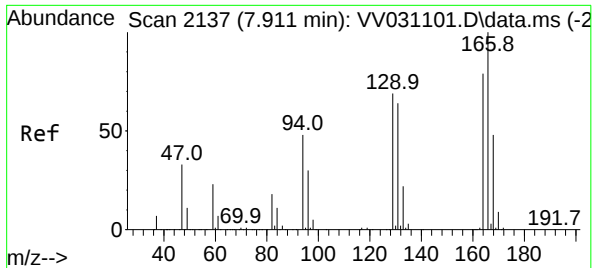
97 100

99 65.2 43.2 80.2

83 88.1 60.5 112.3

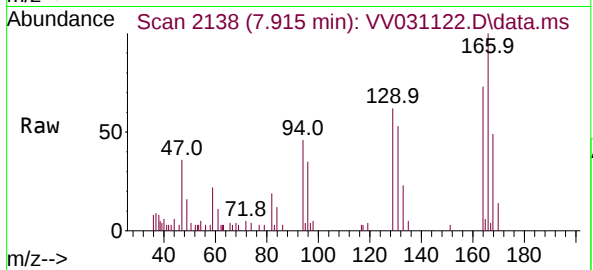
85 55.3 36.8 68.4





#46
 Tetrachloroethene
 Concen: 3.363 ug/L
 RT: 7.915 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV031122.D
 Acq: 19 May 2023 21:27

Instrument :
 MSVOA_V
 ClientSampleId :
 GBX91



Tgt Ion:	164	Resp:	4681
Ion	Ratio	Lower	Upper
164	100		
129	85.9	65.5	121.7
131	73.7	62.1	115.3
166	137.9	93.4	173.4

