

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
 Data File : VU046194.D
 Acq On : 08 Dec 2021 22:35
 Operator : SY/MD
 Sample : M4983-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5N6

Quant Time: Dec 09 04:36:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
 Response via : Initial Calibration

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

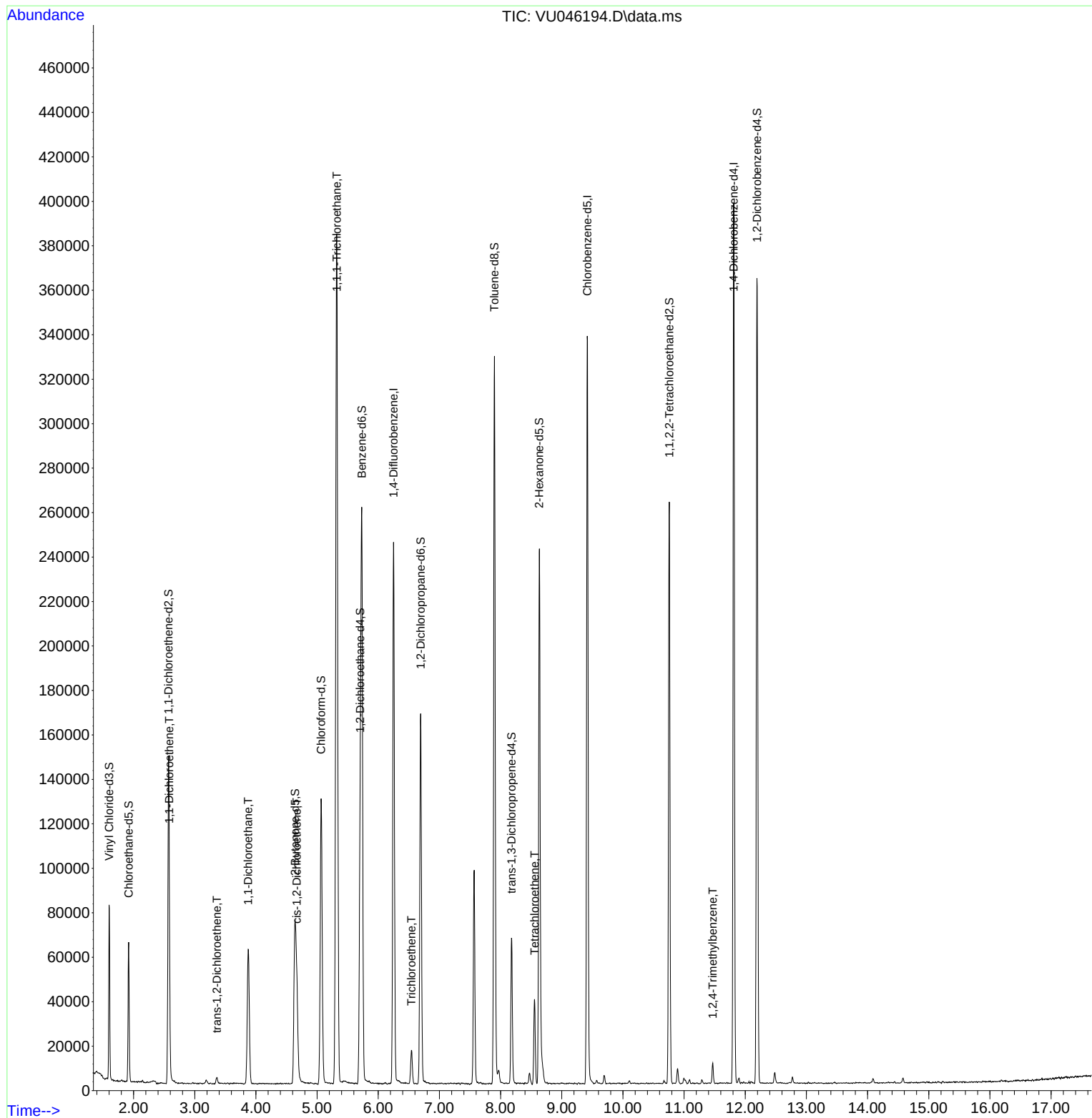
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	205757	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	198007	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	107110	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	54326	32.052	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.100%
7) Chloroethane-d5	1.919	69	45532	34.988	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	69.980%#
11) 1,1-Dichloroethene-d2	2.572	63	85857	28.217	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.440%#
21) 2-Butanone-d5	4.639	46	129292	95.958	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.960%
24) Chloroform-d	5.067	84	120531	42.584	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.160%
26) 1,2-Dichloroethane-d4	5.703	65	80306	42.277	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.560%
32) Benzene-d6	5.732	84	248168	43.728	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.460%
36) 1,2-Dichloropropane-d6	6.694	67	78728	44.761	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.520%
41) Toluene-d8	7.899	98	224112	43.371	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.740%
43) trans-1,3-Dichloroprop...	8.179	79	37863	44.594	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.180%
47) 2-Hexanone-d5	8.632	63	91778	110.054	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.050%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	128205	48.064	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.120%
66) 1,2-Dichlorobenzene-d4	12.195	152	97363	47.201	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.400%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.584	96	7908	5.558	ug/L	# 1
17) trans-1,2-Dichloroethene	3.363	96	1011	0.672	ug/L	78
19) 1,1-Dichloroethane	3.874	63	70996	25.935	ug/L	97
20) cis-1,2-Dichloroethene	4.668	96	12166	7.447	ug/L	99
30) 1,1,1-Trichloroethane	5.321	97	290681	119.595	ug/L	98
34) Trichloroethene	6.543	95	4644	2.941	ug/L	98
46) Tetrachloroethene	8.555	164	8404	7.243	ug/L	94
63) 1,2,4-Trimethylbenzene	11.468	105	5772	0.993	ug/L	96

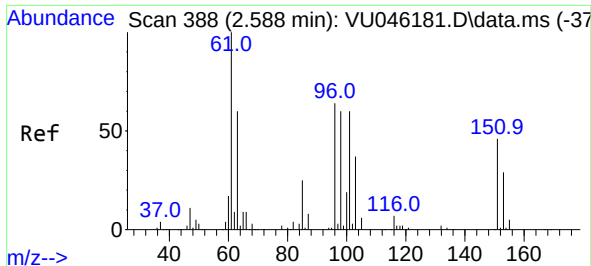
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 03 05:08:36 2021
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 5.558 ug/L

RT: 2.584 min Scan# 3

Delta R.T. 0.000 min

Lab File: VU046194.D

Acq: 08 Dec 2021 22:35

Instrument :

MSVOA_U

ClientSampleId :

EW5N6

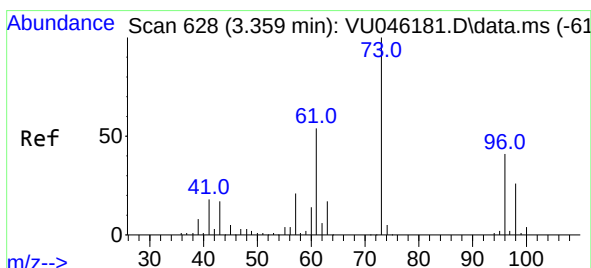
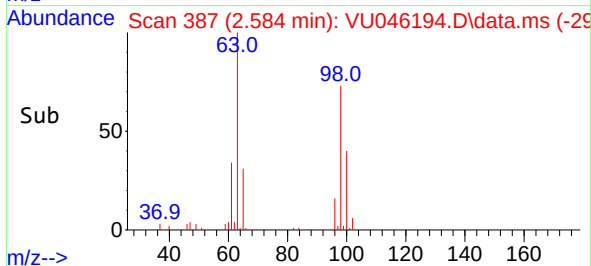
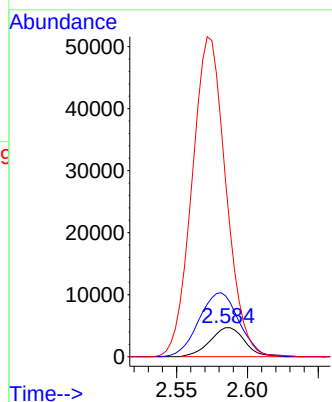
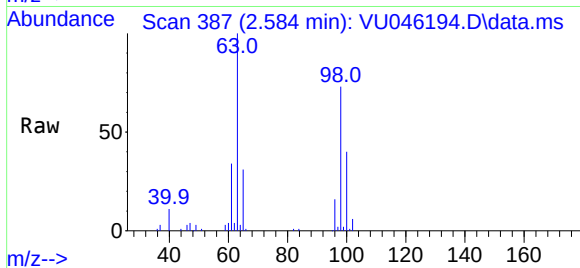
Tgt Ion: 96 Resp: 7908

Ion Ratio Lower Upper

96 100

61 210.2 118.6 220.2

63 609.9 93.0 172.8#



#17

trans-1,2-Dichloroethene

Concen: 0.672 ug/L

RT: 3.363 min Scan# 629

Delta R.T. 0.003 min

Lab File: VU046194.D

Acq: 08 Dec 2021 22:35

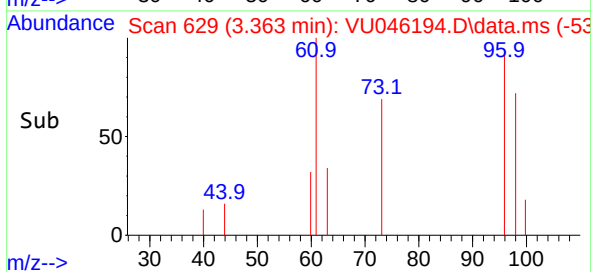
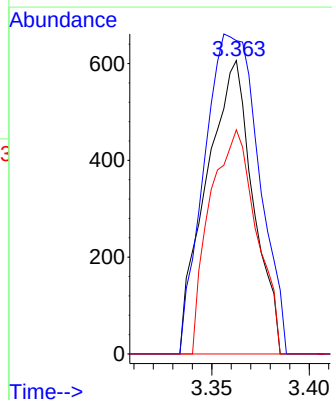
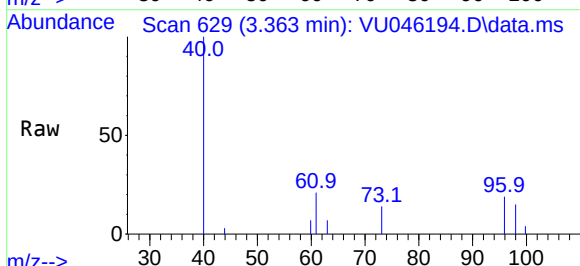
Tgt Ion: 96 Resp: 1011

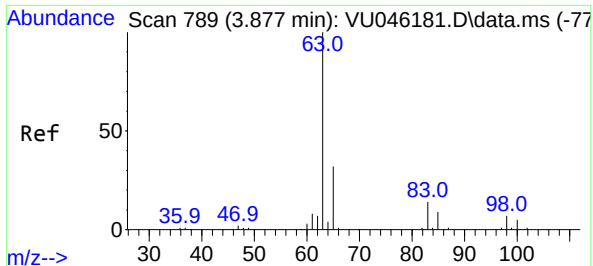
Ion Ratio Lower Upper

96 100

61 106.8 94.6 175.6

98 76.4 44.0 81.8

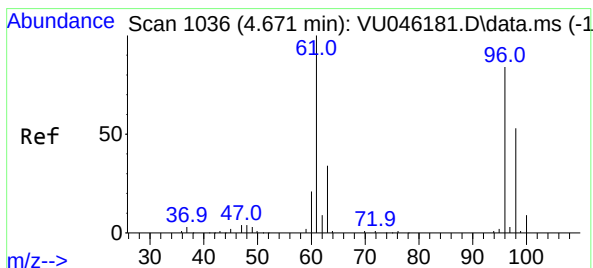
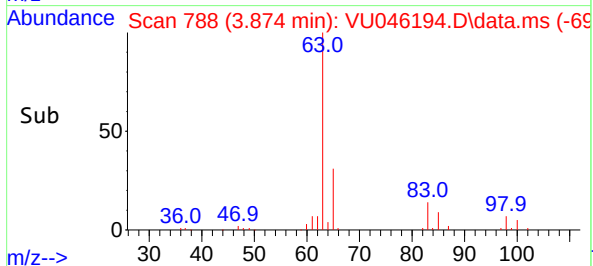
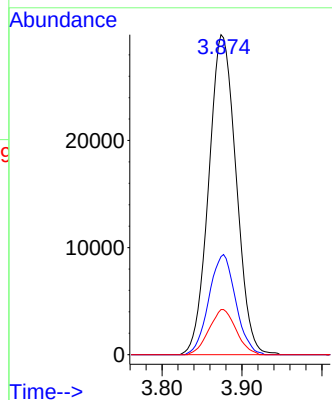
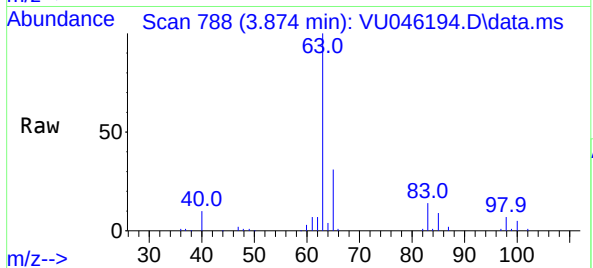




#19
1,1-Dichloroethane
Concen: 25.935 ug/L
RT: 3.874 min Scan# 71
Delta R.T. -0.003 min
Lab File: VU046194.D
Acq: 08 Dec 2021 22:35

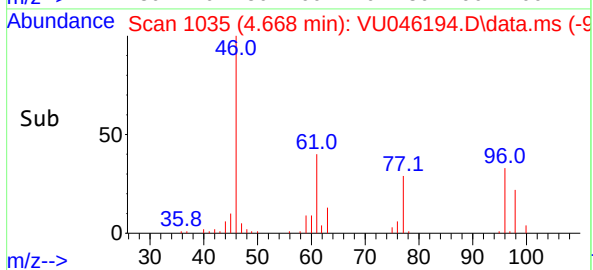
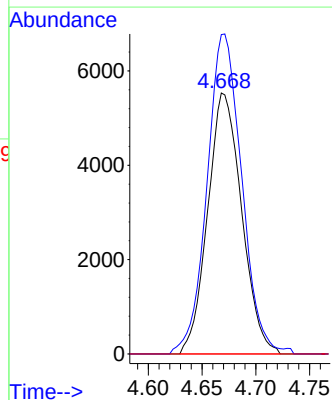
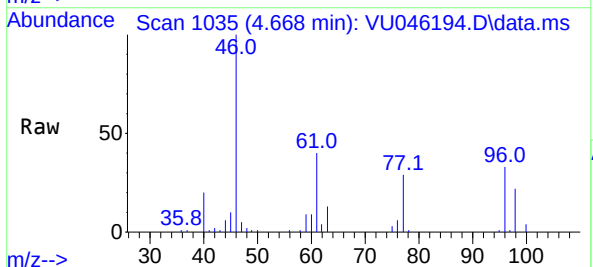
Instrument :
MSVOA_U
ClientSampleId :
EW5N6

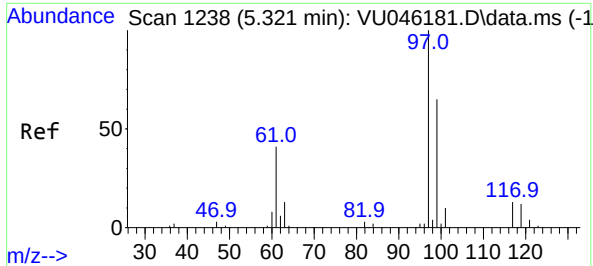
Tgt Ion:	63	Resp:	70996
Ion	Ratio	Lower	Upper
63	100		
65	30.6	22.8	42.4
83	14.1	9.6	17.8



#20
cis-1,2-Dichloroethene
Concen: 7.447 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. -0.003 min
Lab File: VU046194.D
Acq: 08 Dec 2021 22:35

Tgt Ion:	96	Resp:	12166
Ion	Ratio	Lower	Upper
96	100		
61	122.4	86.8	161.2
68	0.0	0.0	0.0



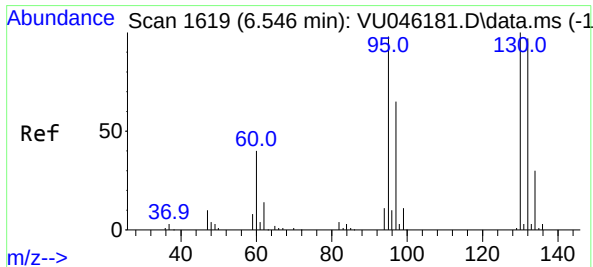
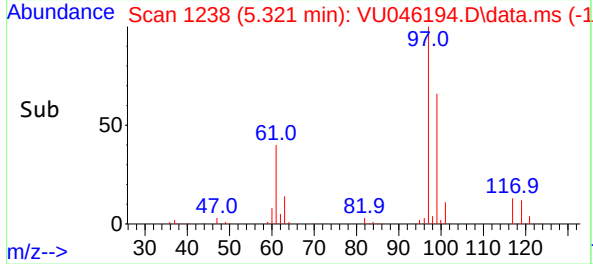
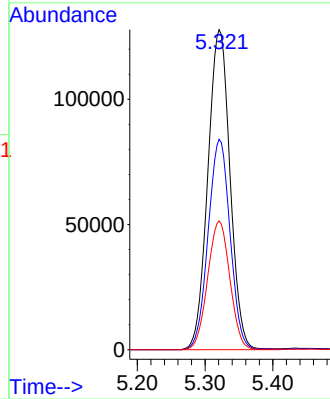
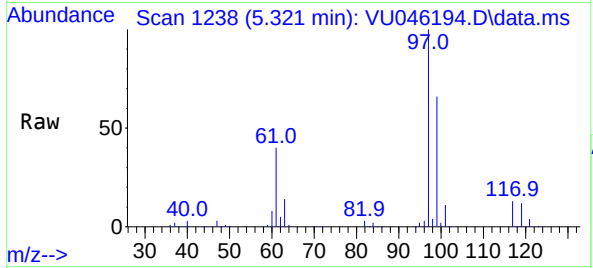


#30
1,1,1-Trichloroethane
Concen: 119.595 ug/L
RT: 5.321 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU046194.D
Acq: 08 Dec 2021 22:35

Instrument :
MSVOA_U
ClientSampleId :
EW5N6

Tgt Ion: 97 Resp: 290681

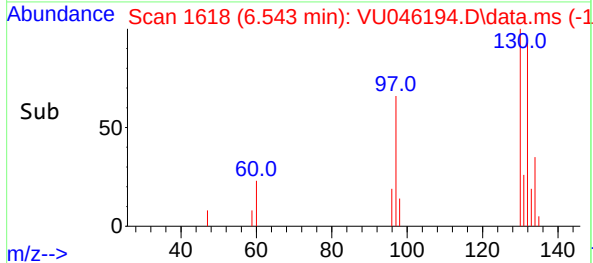
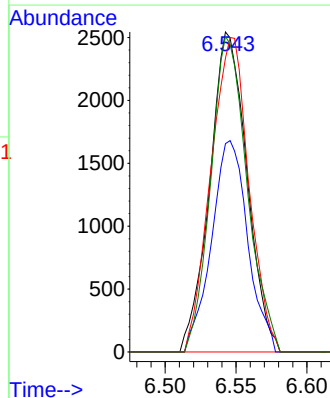
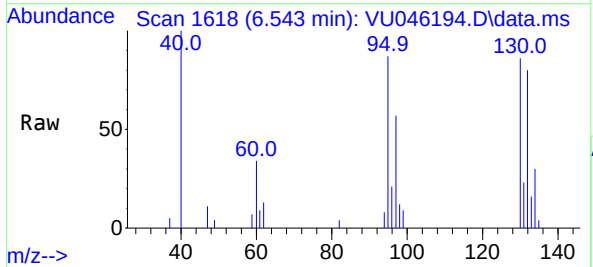
Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.8	77.6
61	40.3	34.4	51.6

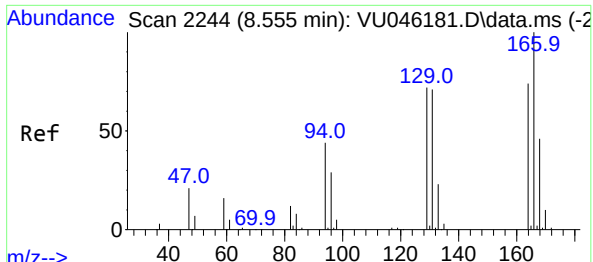


#34
Trichloroethene
Concen: 2.941 ug/L
RT: 6.543 min Scan# 1618
Delta R.T. -0.003 min
Lab File: VU046194.D
Acq: 08 Dec 2021 22:35

Tgt Ion: 95 Resp: 4644

Ion	Ratio	Lower	Upper
95	100		
97	65.1	44.1	81.9
132	91.9	66.8	124.0
130	98.6	69.0	128.1



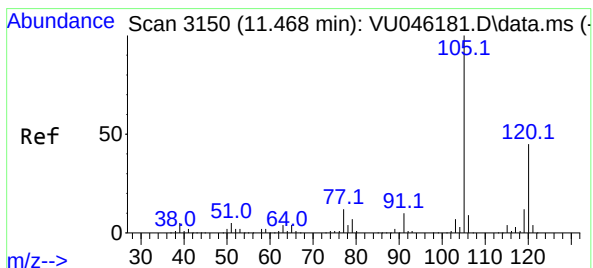
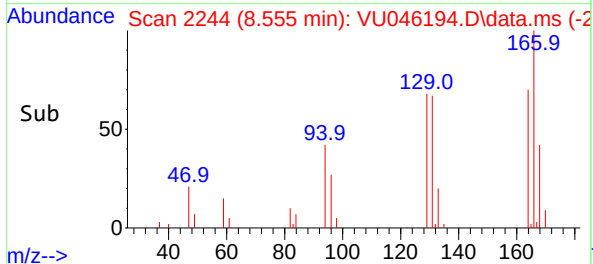
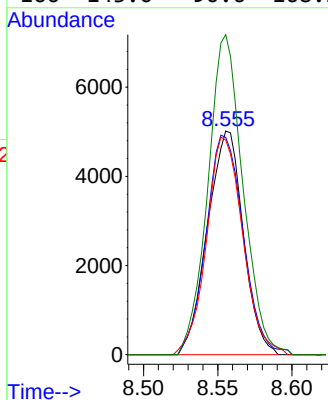
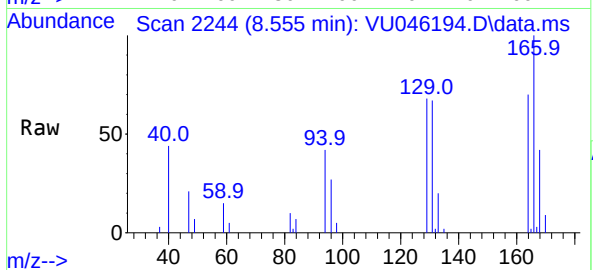


#46
Tetrachloroethene
Concen: 7.243 ug/L
RT: 8.555 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU046194.D
Acq: 08 Dec 2021 22:35

Instrument :
MSVOA_U
ClientSampleId :
EW5N6

Tgt Ion:164 Resp: 8404

Ion	Ratio	Lower	Upper
164	100		
129	97.1	71.1	132.1
131	96.0	67.8	126.0
166	143.0	90.6	168.2



#63
1,2,4-Trimethylbenzene
Concen: 0.993 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.003 min
Lab File: VU046194.D
Acq: 08 Dec 2021 22:35

Tgt Ion:105 Resp: 5772

Ion	Ratio	Lower	Upper
105	100		
120	41.5	35.2	52.8

