

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112124\
 Data File : VU061954.D
 Acq On : 22 Nov 2024 06:58
 Operator : MD/SY
 Sample : P4904-13
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG423

Quant Time: Nov 22 07:41:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 22 00:07:48 2024
 Response via : Initial Calibration

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

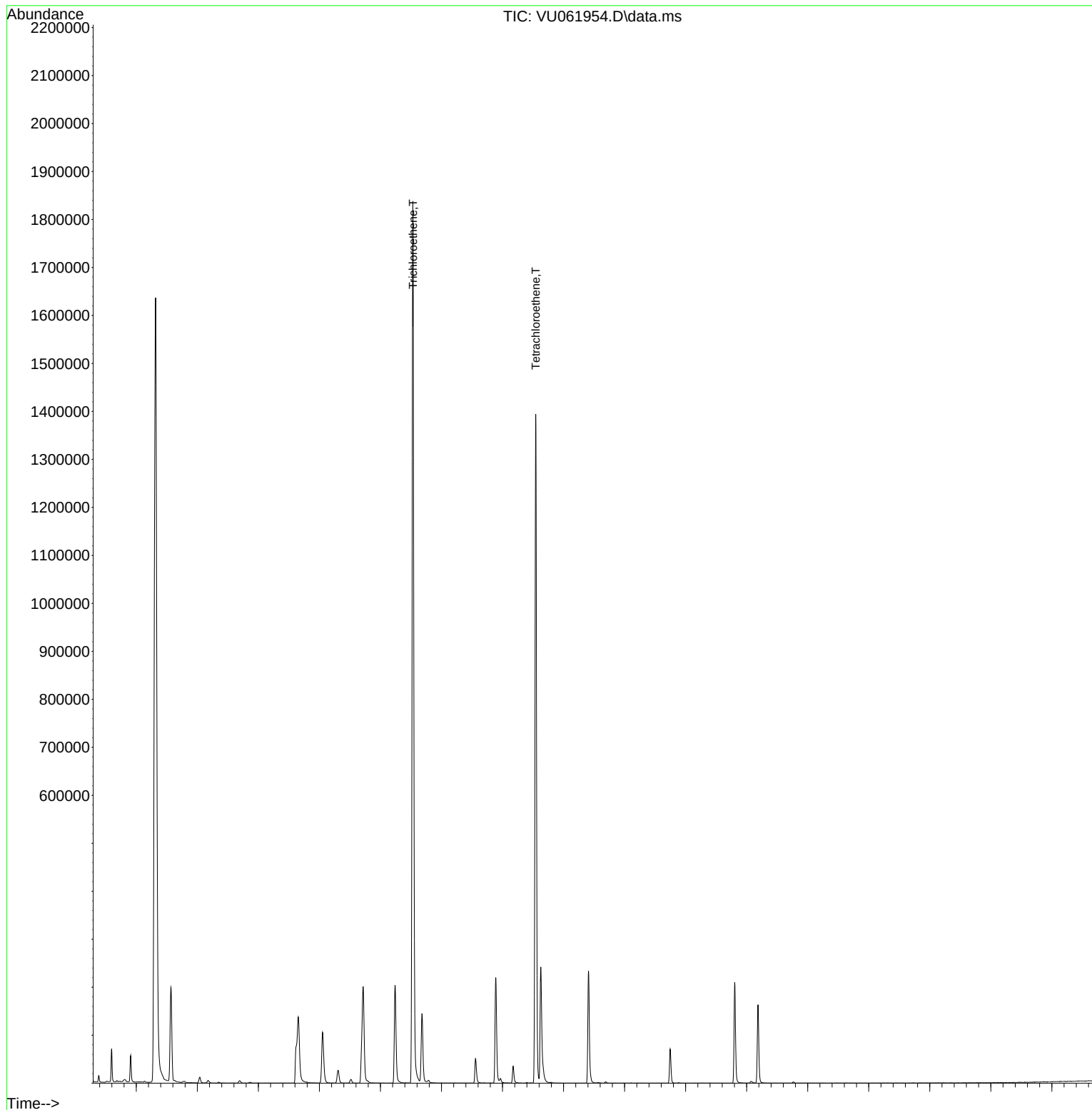
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	170209	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	135617	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	60522	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	48519	5.811	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 116.200%	
7) Chloroethane-d5	1.908	69	40337	5.461	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 109.200%	
11) 1,1-Dichloroethene-d2	2.560	65	21656	6.492	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 129.800%#	
20) 2-Butanone-d5	4.618	46	112380	42.864	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 85.720%	
24) Chloroform-d	5.052	84	98819	4.852	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 97.000%	
26) 1,2-Dichloroethane-d4	5.692	65	52657	5.023	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 100.400%	
32) Benzene-d6	5.718	84	194205	7.350	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 147.000%#	
36) 1,2-Dichloropropane-d6	6.679	67	71366	7.949	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 159.000%#	
41) Toluene-d8	7.891	98	158943	7.212	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 144.200%#	
43) trans-1,3-Dichloroprop...	8.174	79	21165	6.368	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 127.400%	
46) 2-Hexanone-d5	8.624	63	83462	55.014	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 110.020%	
56) 1,1,2,2-Tetrachloroeth...	10.746	84	36890	4.112	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 82.200%	
66) 1,2-Dichlorobenzene-d4	12.187	152	46492	5.195	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 104.000%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	4435	0.298	ug/L	92
12) 1,1-Dichloroethene	2.573	96	40552	3.553	ug/L #	79
16) Methylene chloride	3.036	84	6299	0.460	ug/L	96
22) cis-1,2-Dichloroethene	4.657	96	66624	4.906	ug/L	97
25) Chloroform	5.081	83	7588	0.309	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	20314	1.300	ug/L	98
31) Carbon tetrachloride	5.518	117	5348	0.403	ug/L	98
34) Trichloroethene	6.531	95	660888	60.460	ug/L	99
42) Toluene	7.965	91	7750	0.180	ug/L	90
47) Tetrachloroethene	8.544	164	312744	39.339	ug/L	97

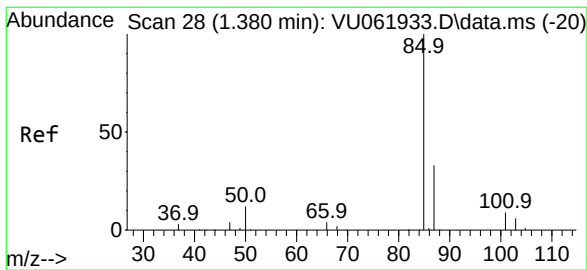
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 0.298 ug/L

RT: 1.383 min Scan# 29

Delta R.T. 0.003 min

Lab File: VU061954.D

Acq: 22 Nov 2024 06:58

Instrument :

MSVOA_U

ClientSampleId :

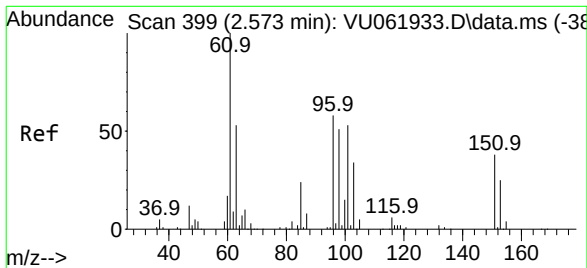
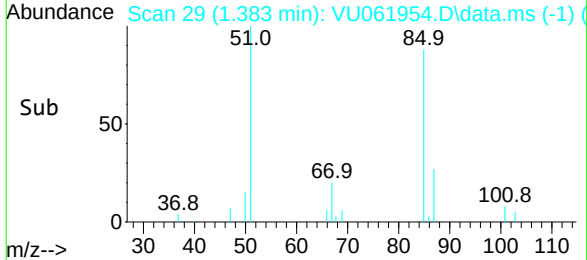
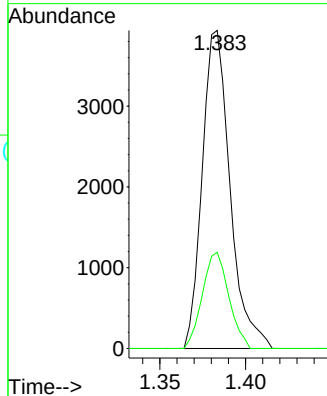
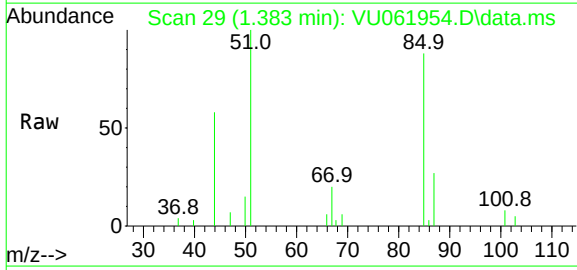
BG423

Tgt Ion: 85 Resp: 4435

Ion Ratio Lower Upper

85 100

87 28.7 26.6 40.0



#12

1,1-Dichloroethene

Concen: 3.553 ug/L

RT: 2.573 min Scan# 399

Delta R.T. 0.000 min

Lab File: VU061954.D

Acq: 22 Nov 2024 06:58

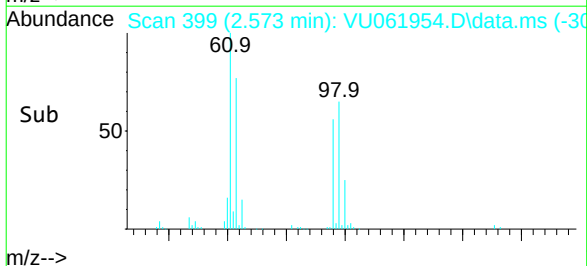
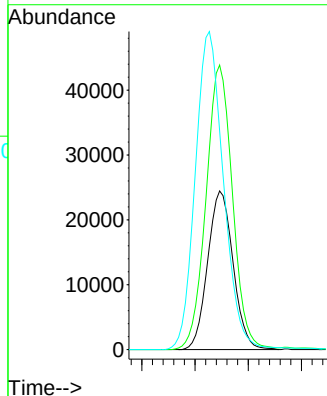
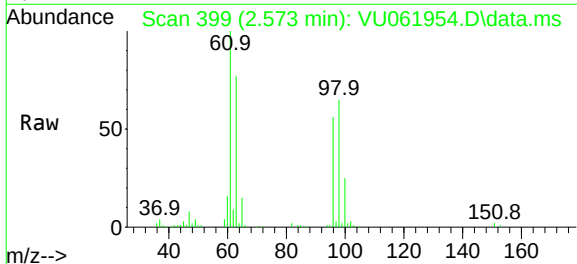
Tgt Ion: 96 Resp: 40552

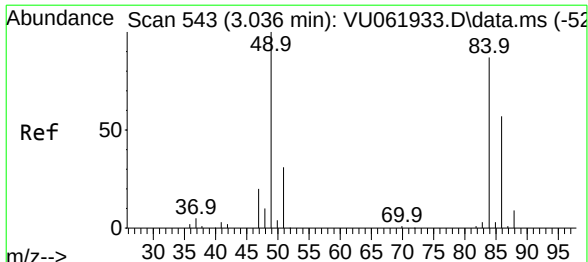
Ion Ratio Lower Upper

96 100

61 179.3 119.6 222.2

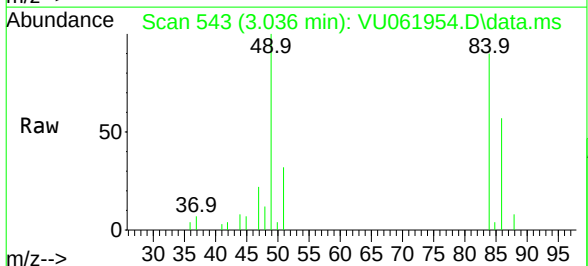
63 137.8 65.0 120.6#



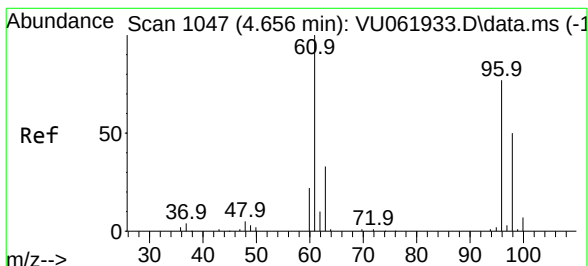
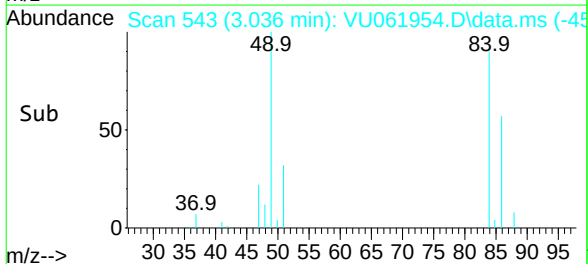
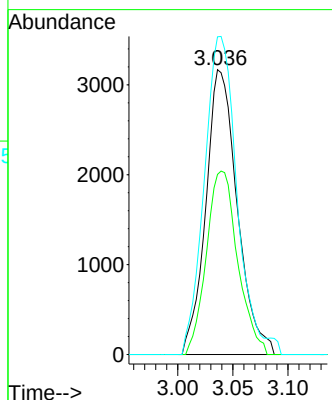


#16
Methylene chloride
Concen: 0.460 ug/L
RT: 3.036 min Scan# 54
Delta R.T. 0.000 min
Lab File: VU061954.D
Acq: 22 Nov 2024 06:58

Instrument :
MSVOA_U
ClientSampleId :
BG423

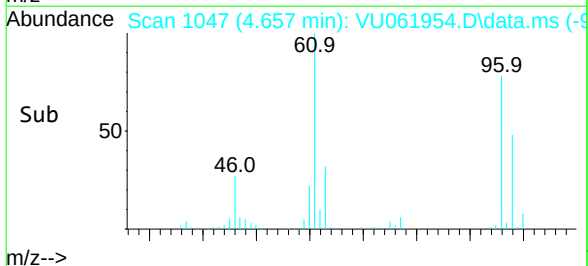
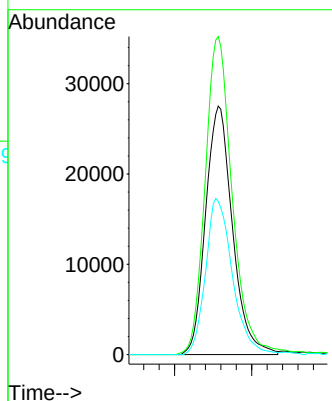
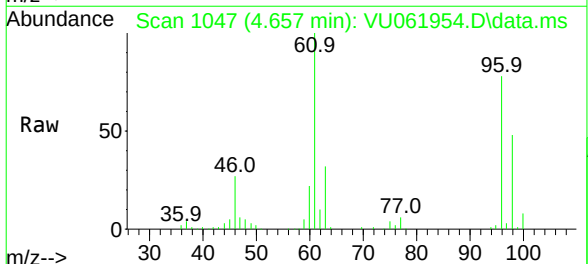


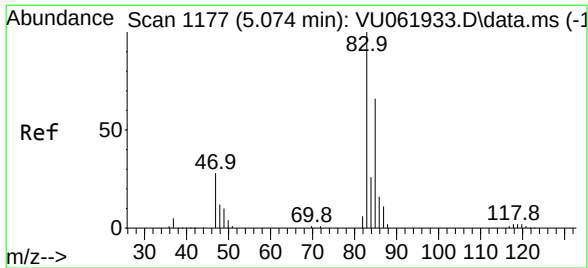
Tgt Ion:	84	Resp:	6299
Ion	Ratio	Lower	Upper
84	100		
86	63.2	43.5	80.7
49	111.5	81.9	152.1



#22
cis-1,2-Dichloroethene
Concen: 4.906 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. 0.000 min
Lab File: VU061954.D
Acq: 22 Nov 2024 06:58

Tgt Ion:	96	Resp:	66624
Ion	Ratio	Lower	Upper
96	100		
61	128.0	92.0	170.8
98	61.7	44.5	82.7

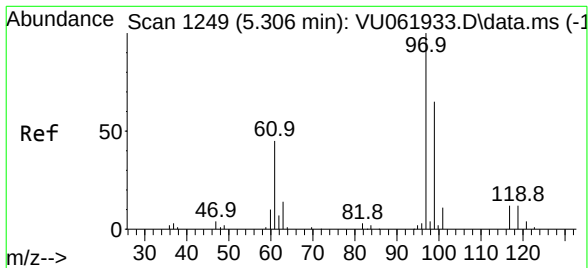
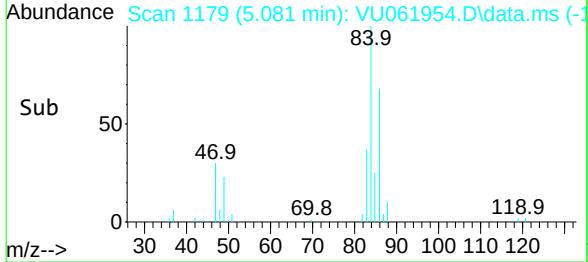
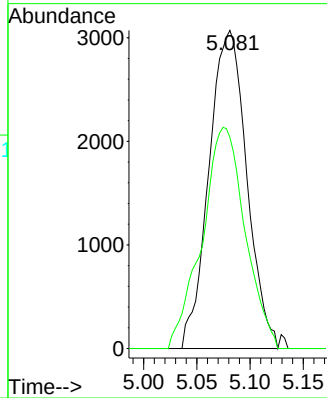
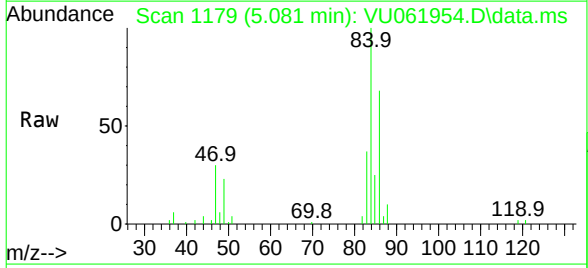




#25
Chloroform
Concen: 0.309 ug/L
RT: 5.081 min Scan# 1177
Delta R.T. 0.007 min
Lab File: VU061954.D
Acq: 22 Nov 2024 06:58

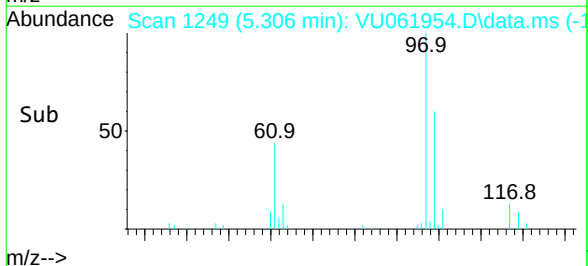
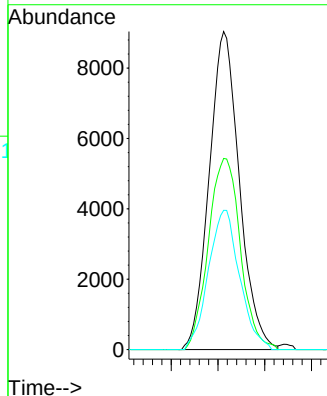
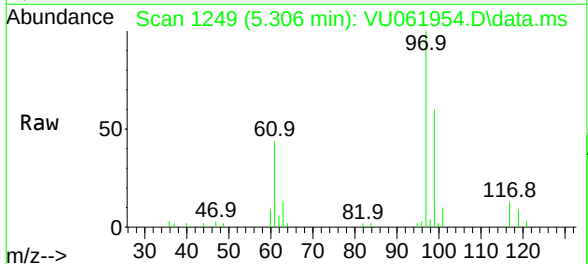
Instrument :
MSVOA_U
ClientSampleId :
BG423

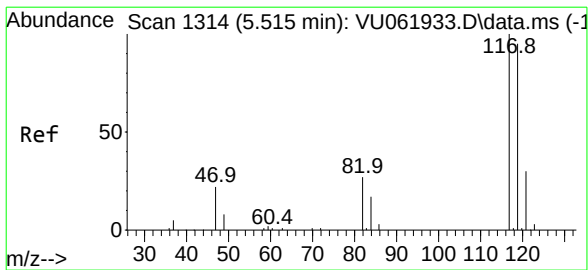
Tgt Ion: 83 Resp: 7588
Ion Ratio Lower Upper
83 100
85 66.4 45.4 84.2



#29
1,1,1-Trichloroethane
Concen: 1.300 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU061954.D
Acq: 22 Nov 2024 06:58

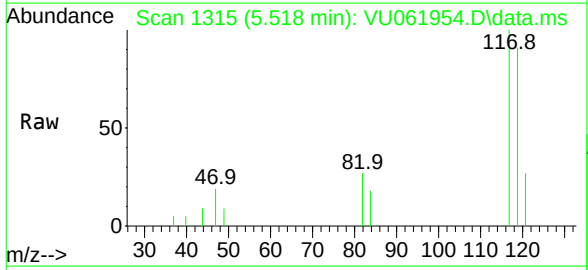
Tgt Ion: 97 Resp: 20314
Ion Ratio Lower Upper
97 100
99 63.7 51.4 77.2
61 45.2 37.8 56.6



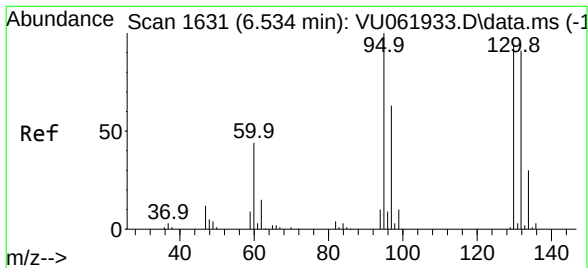
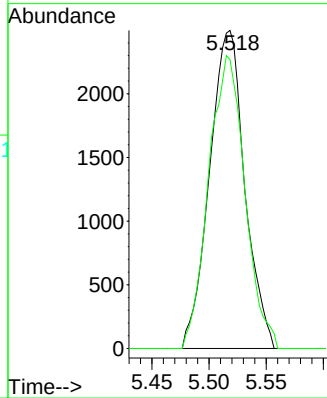
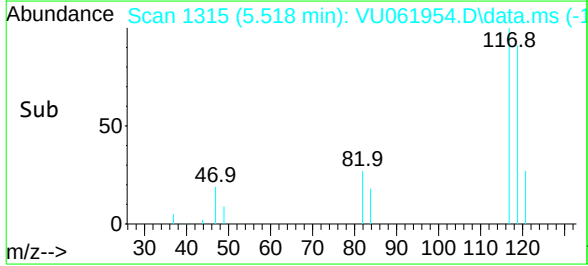


#31
Carbon tetrachloride
Concen: 0.403 ug/L
RT: 5.518 min Scan# 1314
Delta R.T. 0.003 min
Lab File: VU061954.D
Acq: 22 Nov 2024 06:58

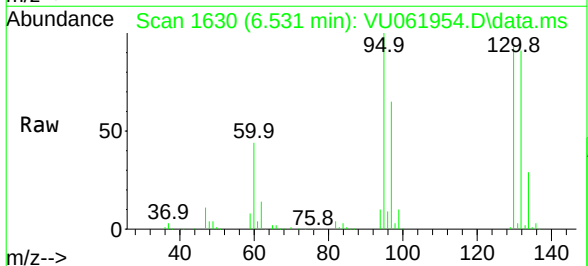
Instrument :
MSVOA_U
ClientSampleId :
BG423



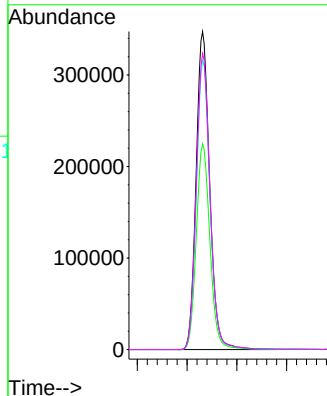
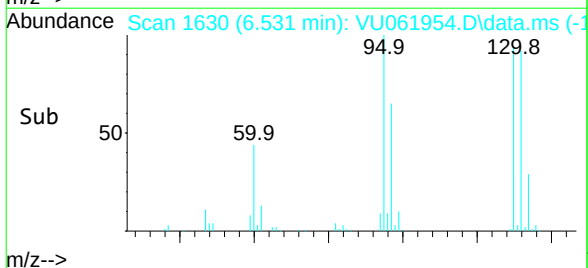
Tgt Ion: 117 Resp: 5348
Ion Ratio Lower Upper
117 100
119 94.8 77.5 116.3

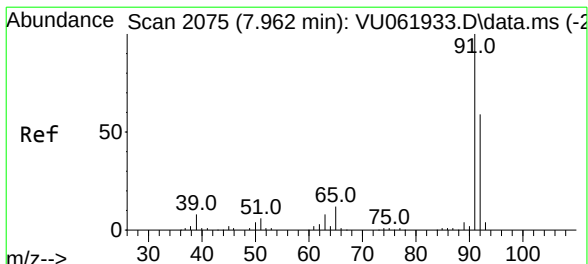


#34
Trichloroethene
Concen: 60.460 ug/L
RT: 6.531 min Scan# 1630
Delta R.T. -0.003 min
Lab File: VU061954.D
Acq: 22 Nov 2024 06:58



Tgt Ion: 95 Resp: 660888
Ion Ratio Lower Upper
95 100
97 64.7 45.9 85.3
132 90.9 63.8 118.4
130 93.1 65.5 121.7



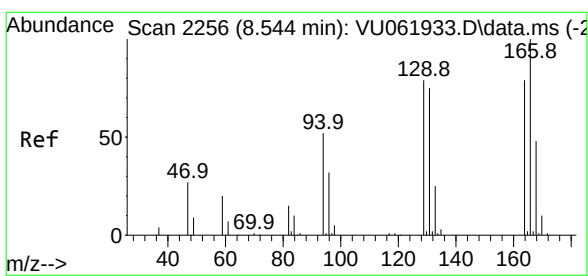
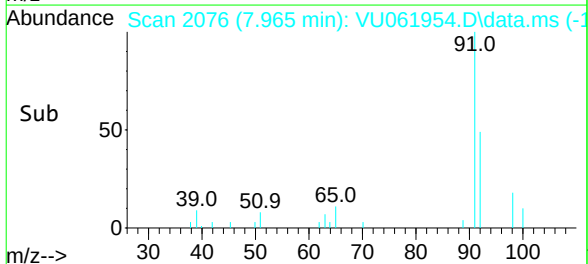
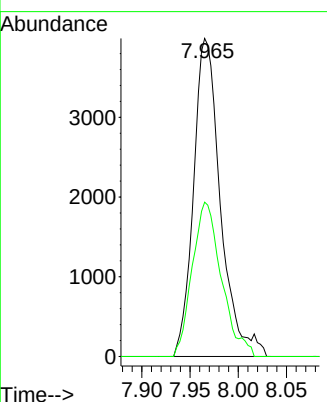
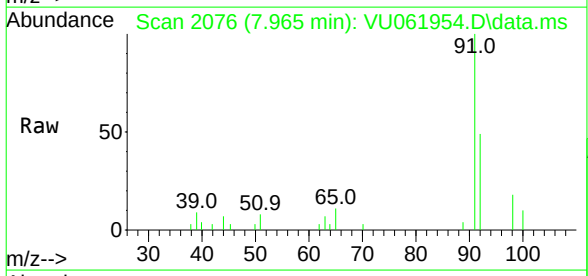


#42
Toluene
Concen: 0.180 ug/L
RT: 7.965 min Scan# 2075
Delta R.T. 0.003 min
Lab File: VU061954.D
Acq: 22 Nov 2024 06:58

Instrument : MSVOA_U
ClientSampleId : BG423

Tgt Ion: 91 Resp: 7750

Ion	Ratio	Lower	Upper
91	100		
92	48.5	39.0	72.4



#47
Tetrachloroethene
Concen: 39.339 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.000 min
Lab File: VU061954.D
Acq: 22 Nov 2024 06:58

Tgt Ion: 164 Resp: 312744

Ion	Ratio	Lower	Upper
164	100		
129	101.4	73.2	136.0
131	96.9	72.3	134.3
166	127.7	90.2	167.4

