

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112124\
 Data File : VU061941.D
 Acq On : 22 Nov 2024 01:39
 Operator : MD/SY
 Sample : P4903-19
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG438

Quant Time: Nov 22 04:28:22 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)

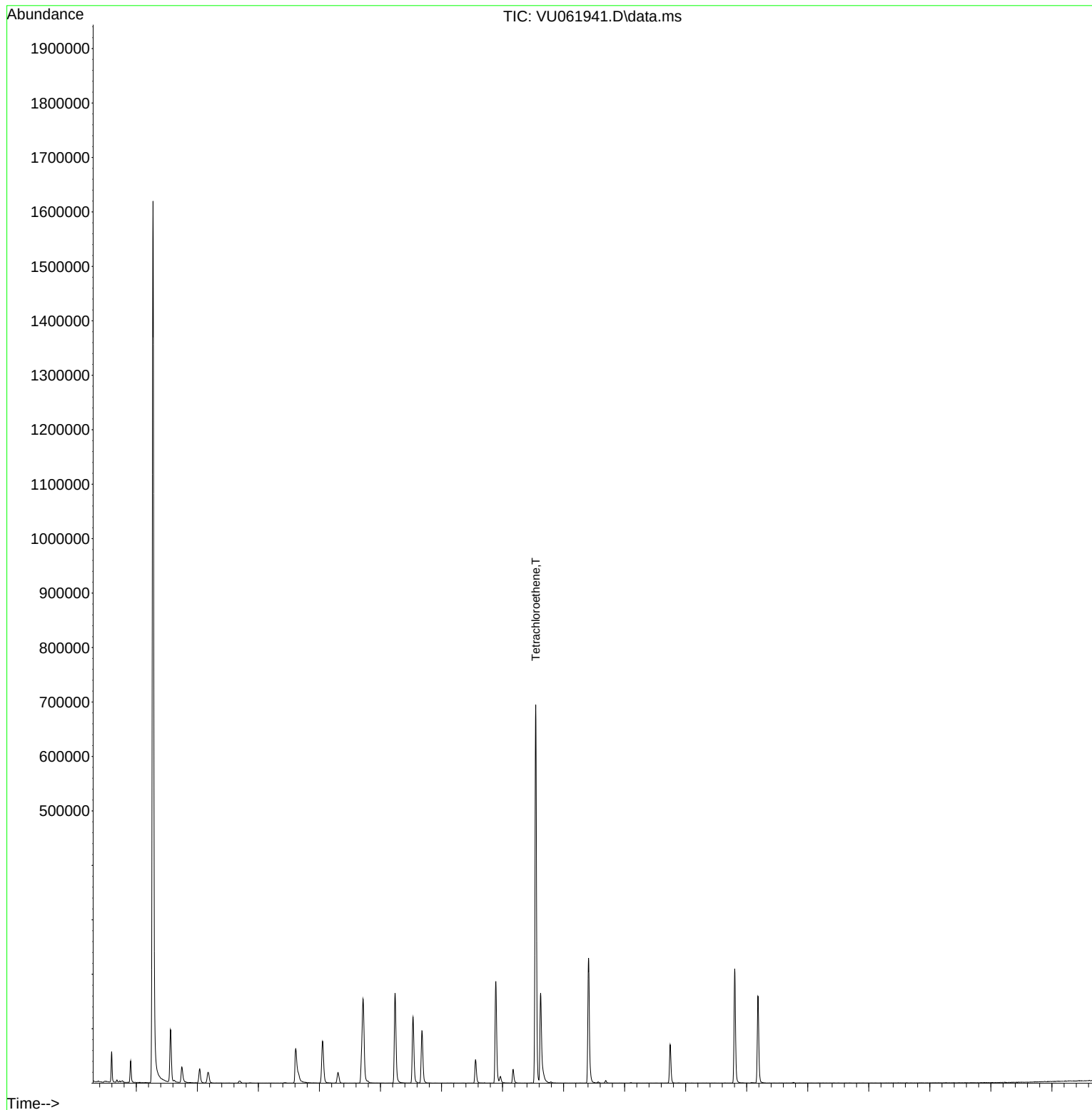
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	140108	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	133708	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	58635	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	38323	5.576	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.600%
7) Chloroethane-d5	1.907	69	29880	4.915	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.200%
11) 1,1-Dichloroethene-d2	2.560	65	17186	6.259	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	125.200%#
20) 2-Butanone-d5	4.611	46	83563	38.720	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.440%
24) Chloroform-d	5.052	84	75726	4.517	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
26) 1,2-Dichloroethane-d4	5.692	65	39252	4.549	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.000%
32) Benzene-d6	5.717	84	152359	5.848	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	117.000%
36) 1,2-Dichloropropane-d6	6.679	67	49343	5.574	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.400%
41) Toluene-d8	7.891	98	133534	6.146	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	123.000%
43) trans-1,3-Dichloroprop...	8.174	79	16310	4.977	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.600%
46) 2-Hexanone-d5	8.621	63	58859	39.351	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.700%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	36326	4.107	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	45718	5.273	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.400%
Target Compounds						
12) 1,1-Dichloroethene	2.573	96	4493	0.478	ug/L #	1
16) Methylene chloride	3.039	84	13480	1.195	ug/L	94
22) cis-1,2-Dichloroethene	4.666	96	4174	0.373	ug/L	93
29) 1,1,1-Trichloroethane	5.306	97	14637	0.950	ug/L	96
34) Trichloroethene	6.534	95	45346	4.208	ug/L	96
42) Toluene	7.965	91	9310	0.220	ug/L	97
47) Tetrachloroethene	8.544	164	155483	19.837	ug/L	97
51) Chlorobenzene	9.441	112	5164	0.178	ug/L	96

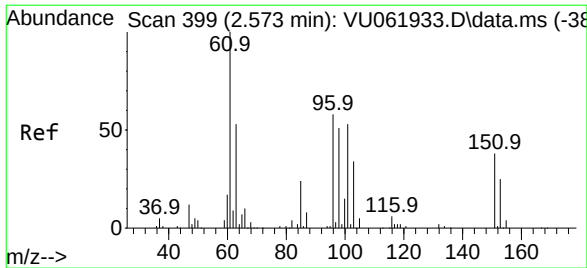
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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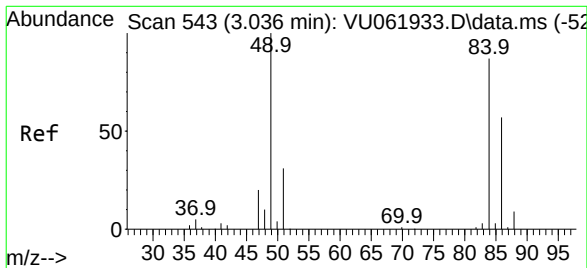
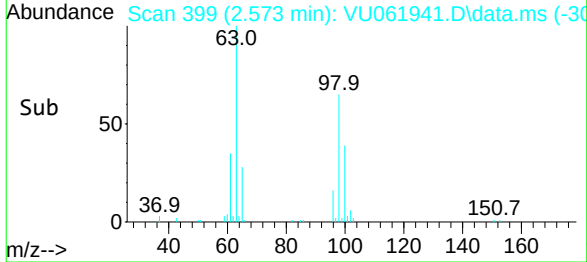
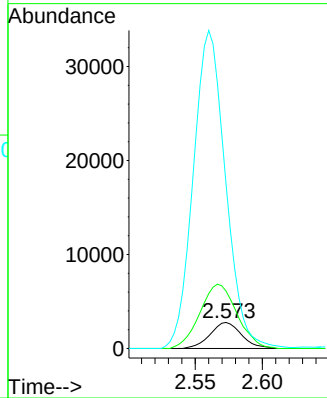
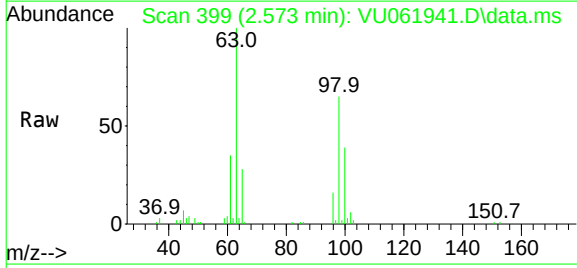




#12
1,1-Dichloroethene
Concen: 0.478 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU061941.D
Acq: 22 Nov 2024 01:39

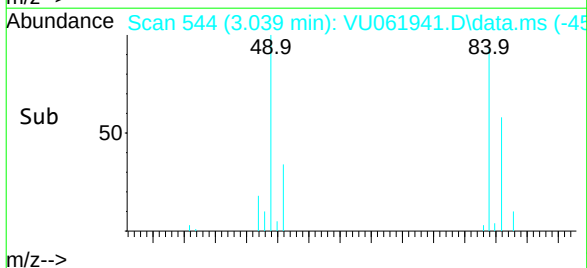
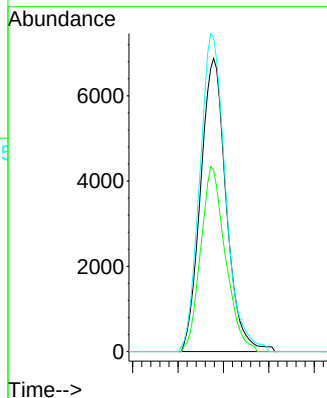
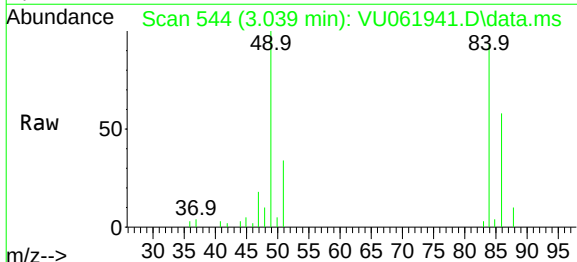
Instrument :
MSVOA_U
ClientSampleId :
BG438

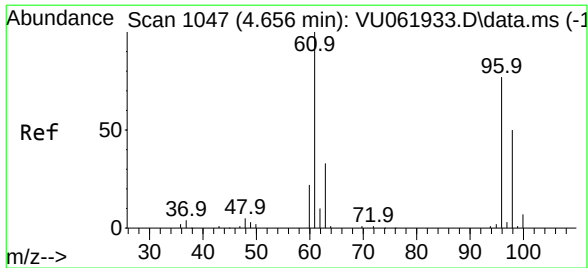
Tgt Ion: 96 Resp: 4493
Ion Ratio Lower Upper
96 100
61 220.7 119.6 222.2
63 633.5 65.0 120.6#



#16
Methylene chloride
Concen: 1.195 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.003 min
Lab File: VU061941.D
Acq: 22 Nov 2024 01:39

Tgt Ion: 84 Resp: 13480
Ion Ratio Lower Upper
84 100
86 62.1 43.5 80.7
49 107.3 81.9 152.1

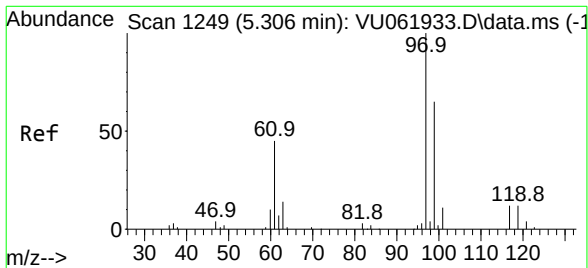
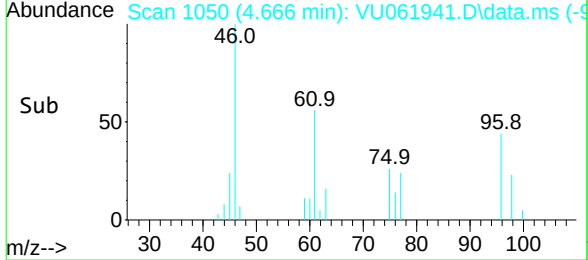
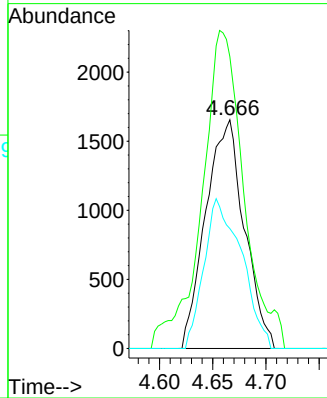
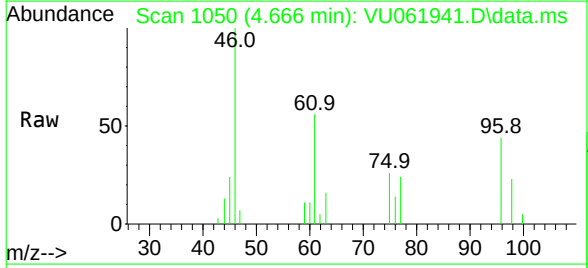




#22
 cis-1,2-Dichloroethene
 Concen: 0.373 ug/L
 RT: 4.666 min Scan# 1047
 Delta R.T. 0.010 min
 Lab File: VU061941.D
 Acq: 22 Nov 2024 01:39

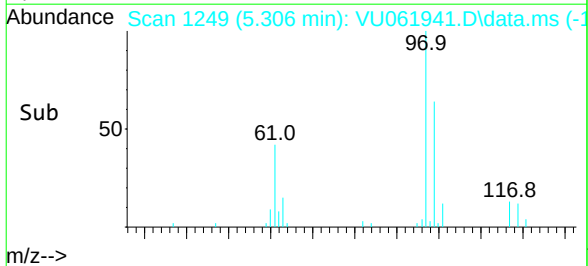
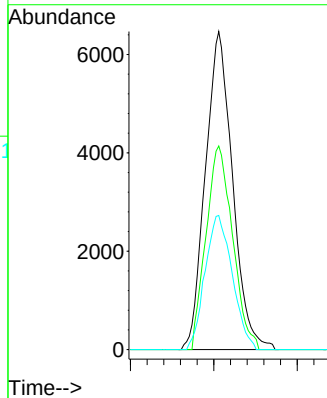
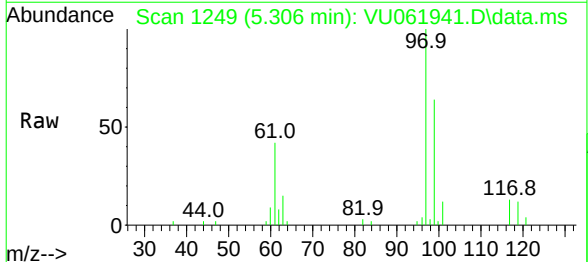
Instrument :
 MSVOA_U
 ClientSampleId :
 BG438

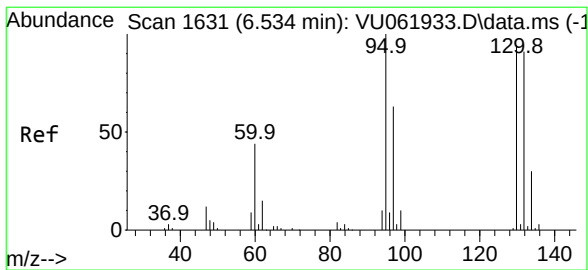
Tgt Ion:	96	Resp:	4174
Ion	Ratio	Lower	Upper
96	100		
61	127.6	92.0	170.8
98	52.4	44.5	82.7



#29
 1,1,1-Trichloroethane
 Concen: 0.950 ug/L
 RT: 5.306 min Scan# 1249
 Delta R.T. -0.000 min
 Lab File: VU061941.D
 Acq: 22 Nov 2024 01:39

Tgt Ion:	97	Resp:	14637
Ion	Ratio	Lower	Upper
97	100		
99	62.6	51.4	77.2
61	42.3	37.8	56.6





#34

Trichloroethene

Concen: 4.208 ug/L

RT: 6.534 min Scan# 16

Delta R.T. 0.000 min

Lab File: VU061941.D

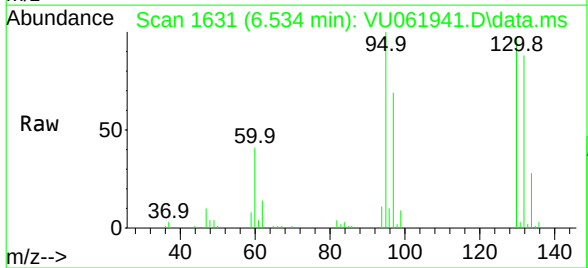
Acq: 22 Nov 2024 01:39

Instrument :

MSVOA_U

ClientSampleId :

BG438



Tgt Ion: 95 Resp: 45346

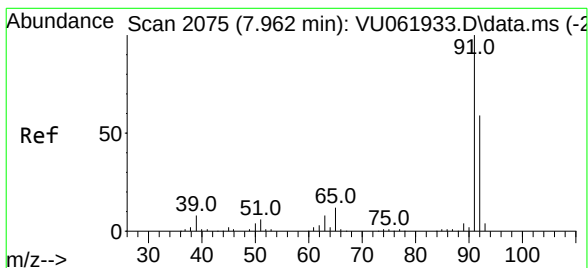
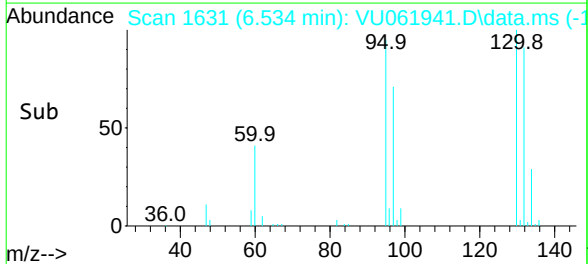
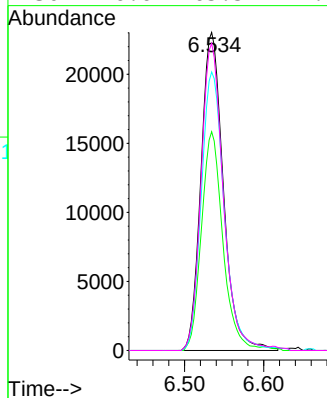
Ion Ratio Lower Upper

95 100

97 68.8 45.9 85.3

132 87.6 63.8 118.4

130 96.6 65.5 121.7



#42

Toluene

Concen: 0.220 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU061941.D

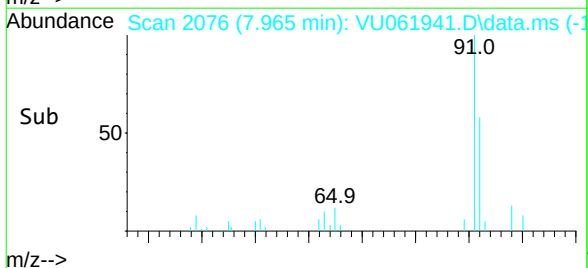
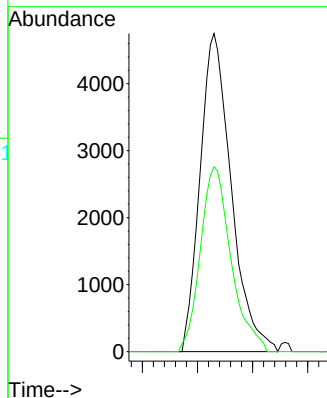
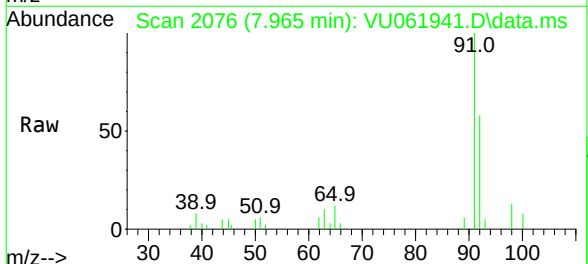
Acq: 22 Nov 2024 01:39

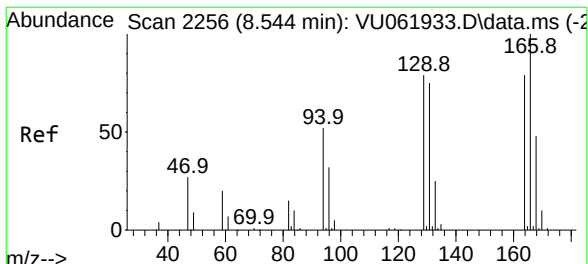
Tgt Ion: 91 Resp: 9310

Ion Ratio Lower Upper

91 100

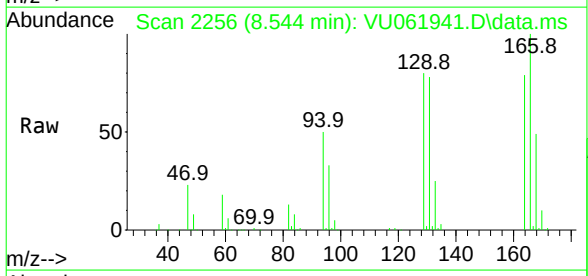
92 58.1 39.0 72.4





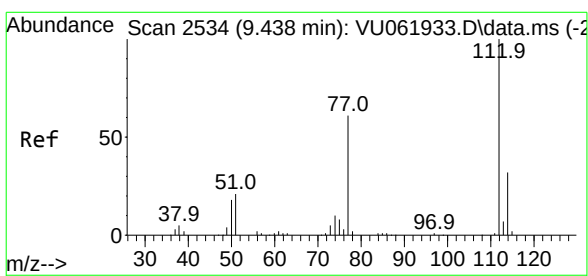
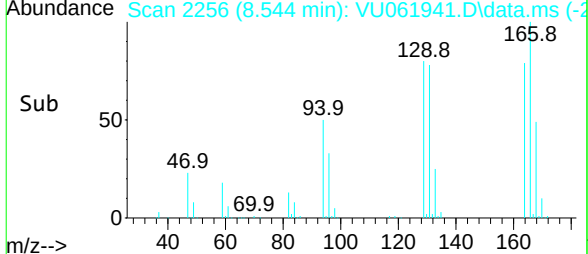
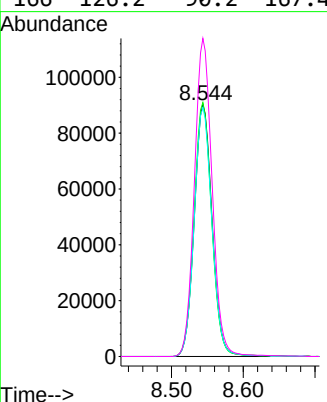
#47
Tetrachloroethene
 Concen: 19.837 ug/L
 RT: 8.544 min Scan# 2256
 Delta R.T. 0.000 min
 Lab File: VU061941.D
 Acq: 22 Nov 2024 01:39

Instrument : MSVOA_U
ClientSampleId : BG438



Tgt Ion: 164 Resp: 155483

Ion	Ratio	Lower	Upper
164	100		
129	100.8	73.2	136.0
131	98.8	72.3	134.3
166	126.2	90.2	167.4



#51
Chlorobenzene
 Concen: 0.178 ug/L
 RT: 9.441 min Scan# 2535
 Delta R.T. 0.003 min
 Lab File: VU061941.D
 Acq: 22 Nov 2024 01:39

Tgt Ion: 112 Resp: 5164

Ion	Ratio	Lower	Upper
112	100		
114	29.7	23.0	42.6
77	60.2	50.5	75.7

