

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112124\
 Data File : VU061928.D
 Acq On : 21 Nov 2024 19:30
 Operator : MD/SY
 Sample : P4903-08
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG404

Quant Time: Nov 21 23:12:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 21 23:06:37 2024
 Response via : Initial Calibration

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

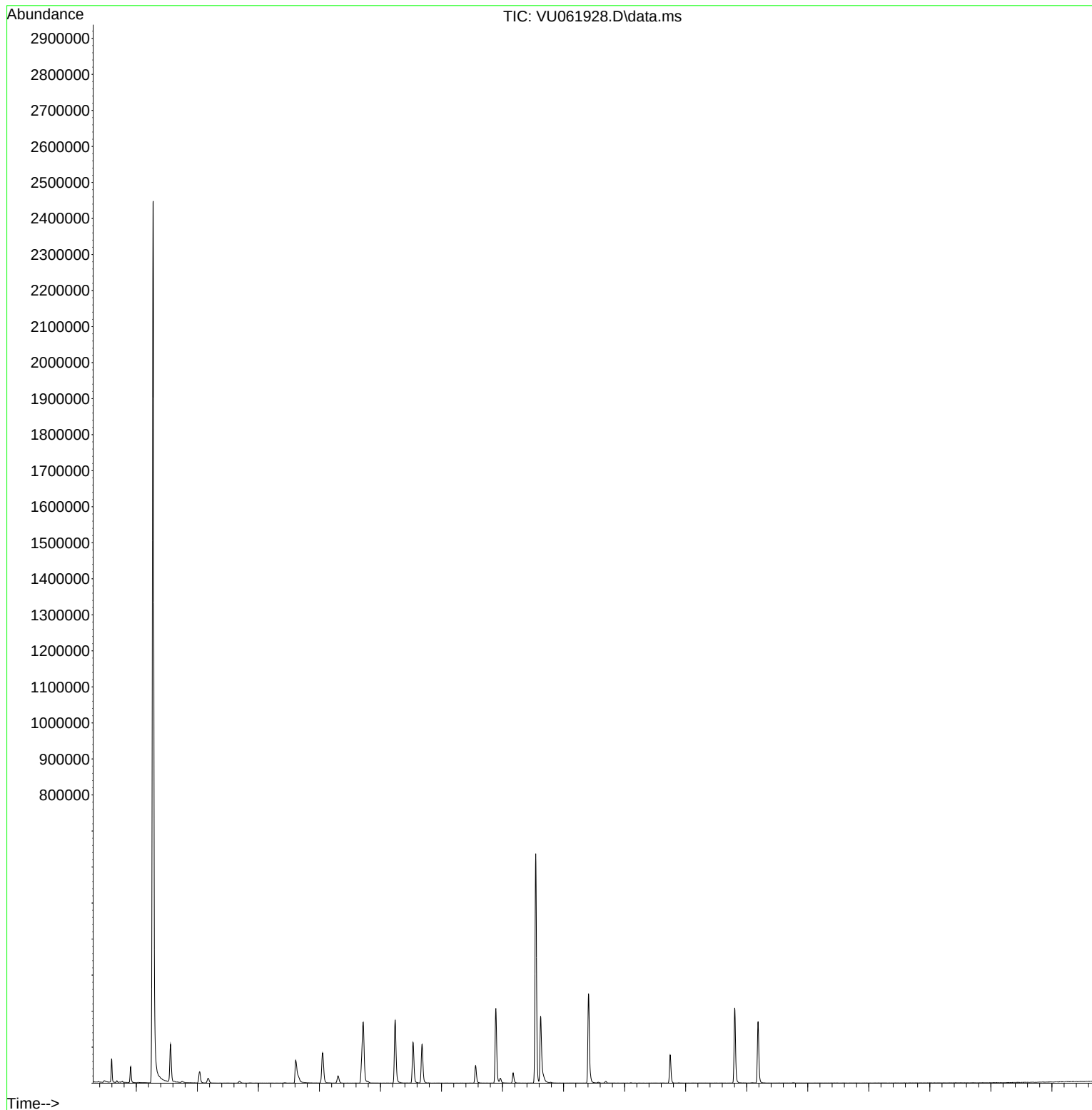
Internal Standards							
1) 1,4-Difluorobenzene		6.242	114	145037	5.000	ug/L	0.00
28) Chlorobenzene-d5		9.409	117	141407	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.804	152	58898	5.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.595	65	43649	6.135	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 122.800%		
7) Chloroethane-d5		1.907	69	32735	5.201	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 104.000%		
11) 1,1-Dichloroethene-d2		2.560	65	19131	6.731	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 134.600%#		
20) 2-Butanone-d5		4.611	46	93669	41.928	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 83.860%		
24) Chloroform-d		5.052	84	83142	4.790	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 95.800%		
26) 1,2-Dichloroethane-d4		5.695	65	43039	4.818	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 96.400%		
32) Benzene-d6		5.717	84	167677	6.086	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 121.800%		
36) 1,2-Dichloropropane-d6		6.682	67	55364	5.914	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 118.200%		
41) Toluene-d8		7.891	98	144153	6.273	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 125.400%		
43) trans-1,3-Dichloroprop...		8.174	79	17509	5.052	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 101.000%		
46) 2-Hexanone-d5		8.624	63	66683	42.154	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 84.300%		
56) 1,1,2,2-Tetrachloroeth...		10.746	84	41076	4.391	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 87.800%		
66) 1,2-Dichlorobenzene-d4		12.187	152	47856	5.495	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 109.800%		
Target Compounds							Qvalue
12) 1,1-Dichloroethene		2.570	96	4097	0.421	ug/L #	1
16) Methylene chloride		3.039	84	16255	1.392	ug/L	97
22) cis-1,2-Dichloroethene		4.660	96	4439	0.384	ug/L	93
29) 1,1,1-Trichloroethane		5.306	97	15249	0.936	ug/L	96
34) Trichloroethene		6.534	95	42417	3.722	ug/L	98
42) Toluene		7.965	91	10587	0.236	ug/L	99
47) Tetrachloroethene		8.544	164	140346	16.931	ug/L	97
51) Chlorobenzene		9.441	112	6341	0.207	ug/L #	84

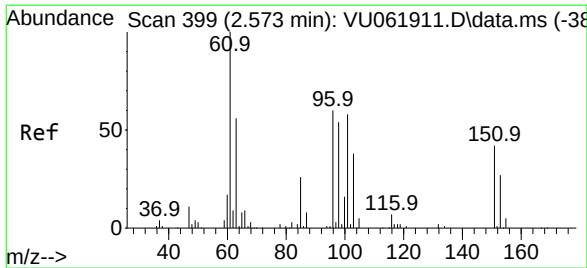
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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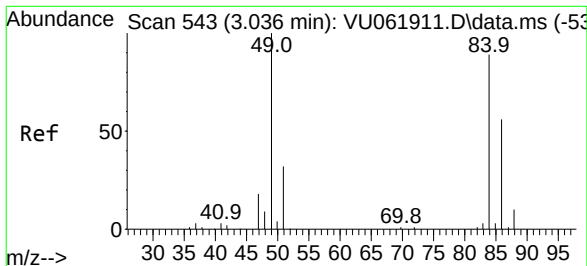
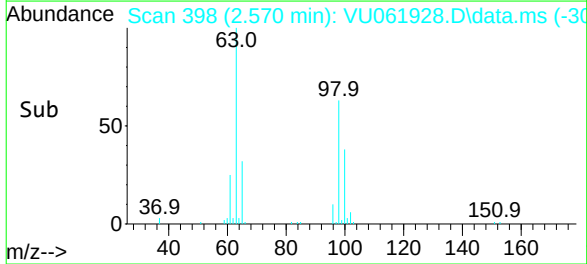
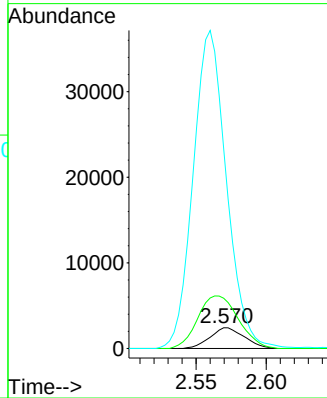
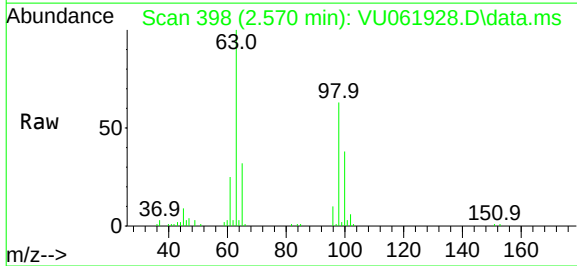




#12
1,1-Dichloroethene
Concen: 0.421 ug/L
RT: 2.570 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU061928.D
Acq: 21 Nov 2024 19:30

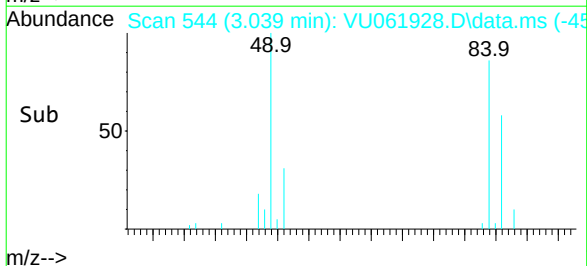
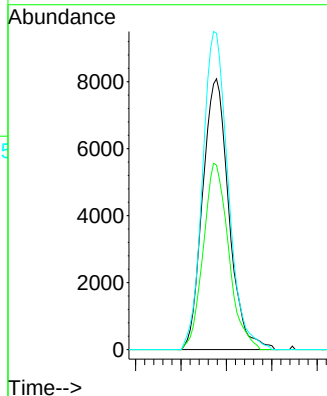
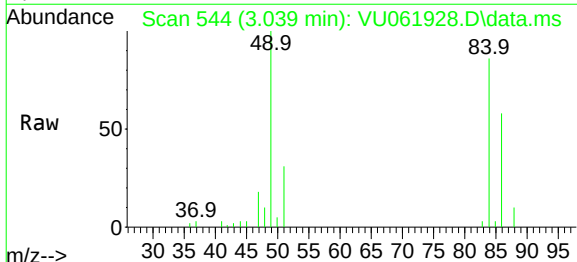
Instrument :
MSVOA_U
ClientSampleId :
BG404

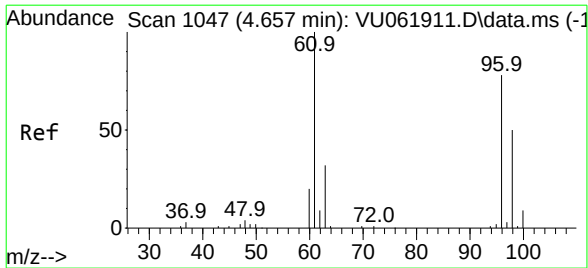
Tgt Ion: 96 Resp: 4097
Ion Ratio Lower Upper
96 100
61 242.6 119.6 222.2#
63 966.0 65.0 120.6#



#16
Methylene chloride
Concen: 1.392 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.003 min
Lab File: VU061928.D
Acq: 21 Nov 2024 19:30

Tgt Ion: 84 Resp: 16255
Ion Ratio Lower Upper
84 100
86 68.1 43.5 80.7
49 116.8 81.9 152.1

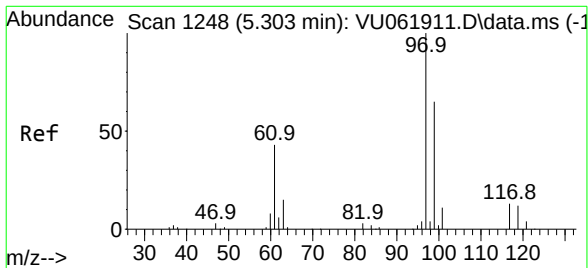
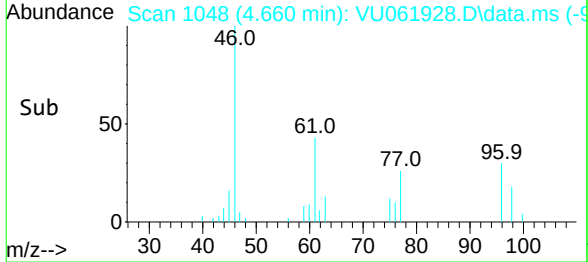
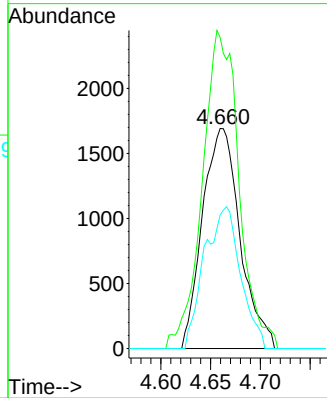
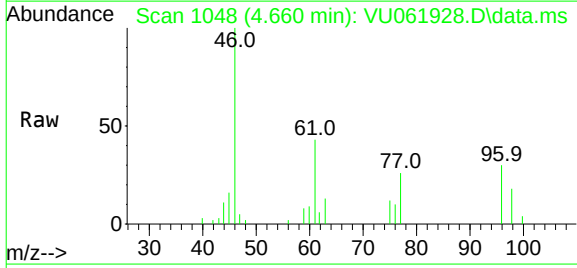




#22
 cis-1,2-Dichloroethene
 Concen: 0.384 ug/L
 RT: 4.660 min Scan# 1047
 Delta R.T. 0.003 min
 Lab File: VU061928.D
 Acq: 21 Nov 2024 19:30

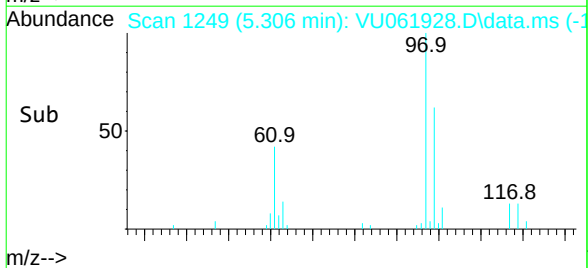
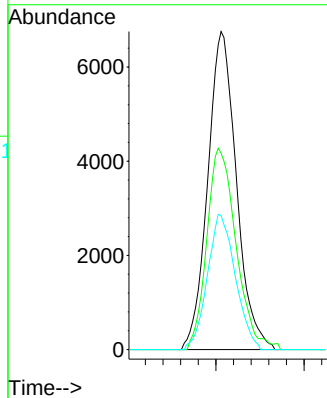
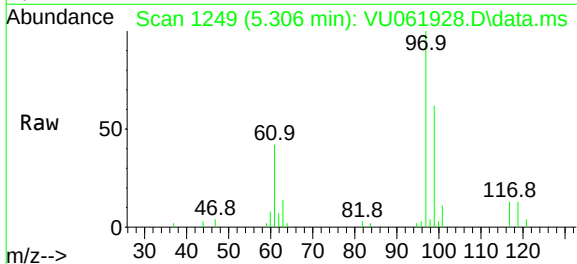
Instrument :
 MSVOA_U
 ClientSampleId :
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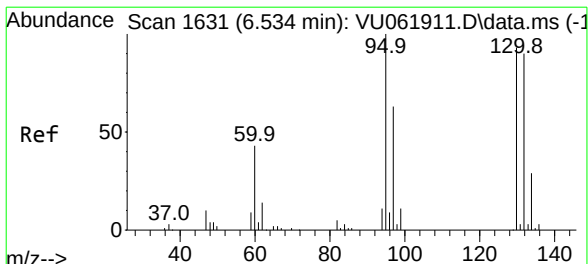
Tgt Ion:	96	Resp:	4439
Ion	Ratio	Lower	Upper
96	100		
61	141.4	92.0	170.8
98	60.7	44.5	82.7



#29
 1,1,1-Trichloroethane
 Concen: 0.936 ug/L
 RT: 5.306 min Scan# 1249
 Delta R.T. 0.003 min
 Lab File: VU061928.D
 Acq: 21 Nov 2024 19:30

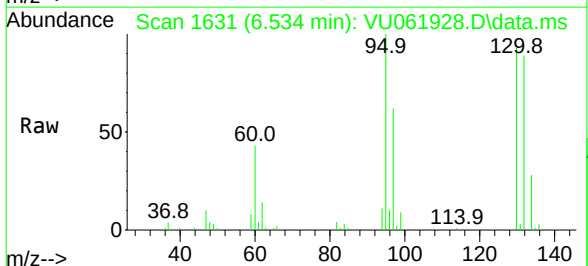
Tgt Ion:	97	Resp:	15249
Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.4	77.2
61	41.3	37.8	56.6



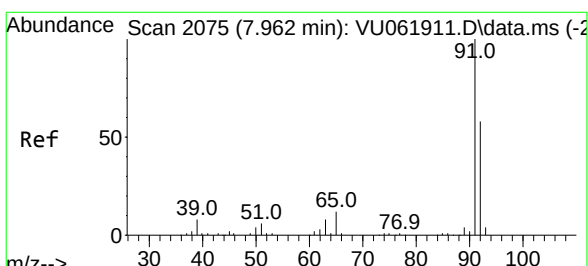
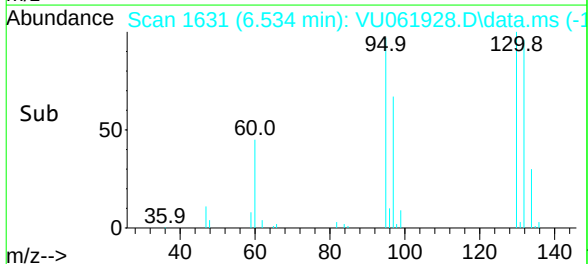
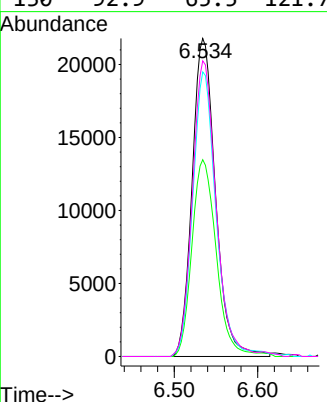


#34
 Trichloroethene
 Concen: 3.722 ug/L
 RT: 6.534 min Scan# 1631
 Delta R.T. -0.000 min
 Lab File: VU061928.D
 Acq: 21 Nov 2024 19:30

Instrument : MSVOA_U
 ClientSampleId : BG404

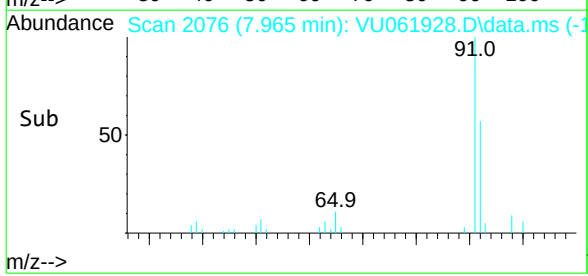
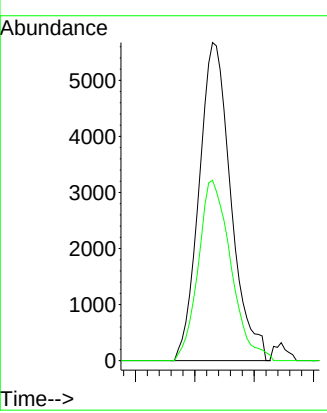
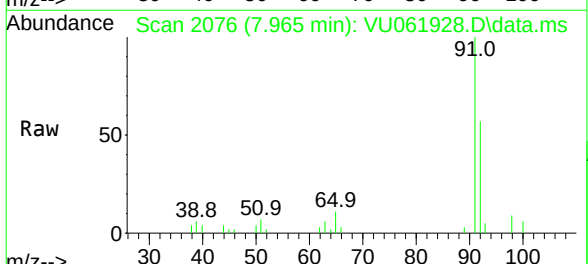


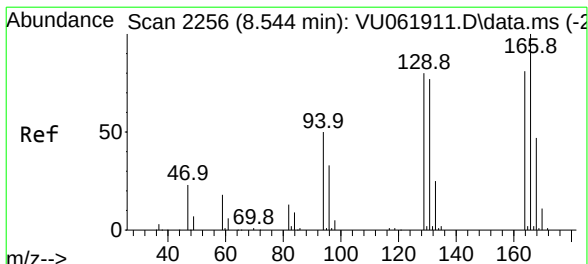
Tgt Ion:	95	Resp:	42417
Ion	Ratio	Lower	Upper
95	100		
97	61.9	45.9	85.3
132	89.5	63.8	118.4
130	92.9	65.5	121.7



#42
 Toluene
 Concen: 0.236 ug/L
 RT: 7.965 min Scan# 2076
 Delta R.T. 0.003 min
 Lab File: VU061928.D
 Acq: 21 Nov 2024 19:30

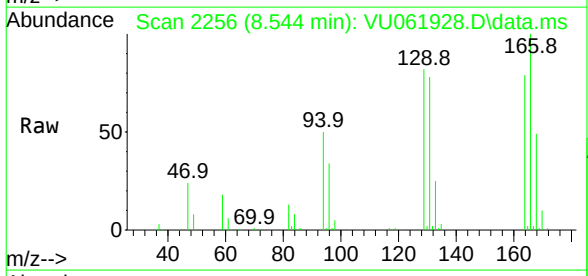
Tgt Ion:	91	Resp:	10587
Ion	Ratio	Lower	Upper
91	100		
92	56.7	39.0	72.4



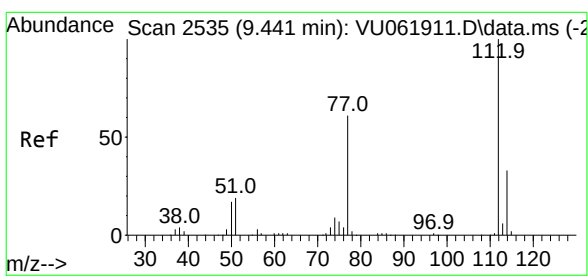
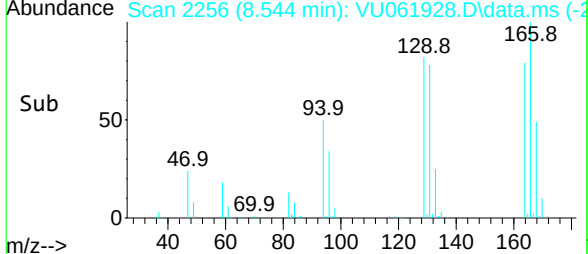
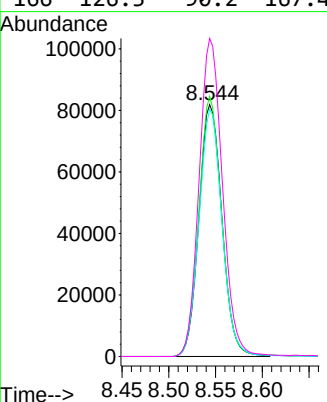


#47
 Tetrachloroethene
 Concen: 16.931 ug/L
 RT: 8.544 min Scan# 2256
 Delta R.T. -0.000 min
 Lab File: VU061928.D
 Acq: 21 Nov 2024 19:30

Instrument : MSVOA_U
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Tgt Ion:	164	Resp:	140346
Ion Ratio	Lower	Upper	
164	100		
129	103.3	73.2	136.0
131	98.3	72.3	134.3
166	126.3	90.2	167.4



#51
 Chlorobenzene
 Concen: 0.207 ug/L
 RT: 9.441 min Scan# 2535
 Delta R.T. -0.000 min
 Lab File: VU061928.D
 Acq: 21 Nov 2024 19:30

Tgt Ion:	112	Resp:	6341
Ion Ratio	Lower	Upper	
112	100		
114	25.1	23.0	42.6
77	49.4	50.5	75.7#

