

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112124\
 Data File : VU061946.D
 Acq On : 22 Nov 2024 03:42
 Operator : MD/SY
 Sample : P4904-05
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG415

Quant Time: Nov 22 04:43:42 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)

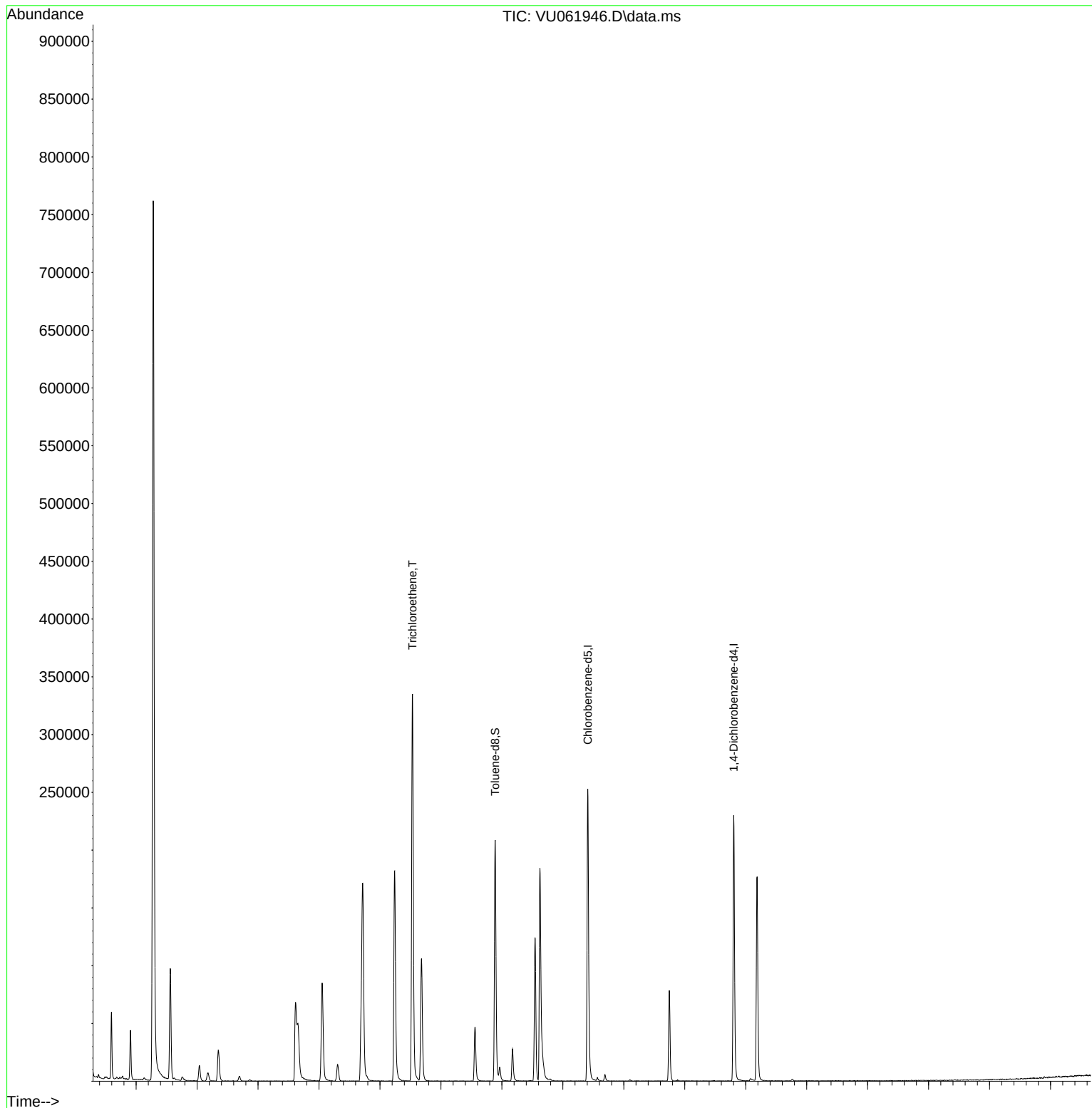
Internal Standards							
1) 1,4-Difluorobenzene		6.242	114	156073	5.000	ug/L	0.00
28) Chlorobenzene-d5		9.409	117	145199	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.804	152	64098	5.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.596	65	40626	5.307	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130		Recovery	= 106.200%		
7) Chloroethane-d5		1.907	69	32269	4.765	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130		Recovery	= 95.200%		
11) 1,1-Dichloroethene-d2		2.560	65	18306	5.985	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125		Recovery	= 119.800%		
20) 2-Butanone-d5		4.615	46	97240	40.448	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130		Recovery	= 80.900%		
24) Chloroform-d		5.052	84	83665	4.480	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125		Recovery	= 89.600%		
26) 1,2-Dichloroethane-d4		5.692	65	42252	4.396	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130		Recovery	= 88.000%		
32) Benzene-d6		5.718	84	169992	6.009	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125		Recovery	= 120.200%		
36) 1,2-Dichloropropane-d6		6.682	67	54840	5.705	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140		Recovery	= 114.000%		
41) Toluene-d8		7.891	98	147953	6.270	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130		Recovery	= 125.400%		
43) trans-1,3-Dichloroprop...		8.174	79	17987	5.054	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130		Recovery	= 101.000%		
46) 2-Hexanone-d5		8.624	63	65219	40.152	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130		Recovery	= 80.300%		
56) 1,1,2,2-Tetrachloroeth...		10.746	84	41000	4.268	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120		Recovery	= 85.400%		
66) 1,2-Dichlorobenzene-d4		12.187	152	49461	5.219	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120		Recovery	= 104.400%		
Target Compounds							
							Qvalue
16) Methylene chloride		3.039	84	6572	0.523	ug/L	98
18) trans-1,2-Dichloroethene		3.348	96	10648	0.962	ug/L	94
22) cis-1,2-Dichloroethene		4.660	96	21403	1.719	ug/L	98
29) 1,1,1-Trichloroethane		5.303	97	11305	0.675	ug/L	96
34) Trichloroethene		6.534	95	123987	10.594	ug/L	99
42) Toluene		7.965	91	9719	0.211	ug/L	94
47) Tetrachloroethene		8.544	164	28460	3.344	ug/L	95

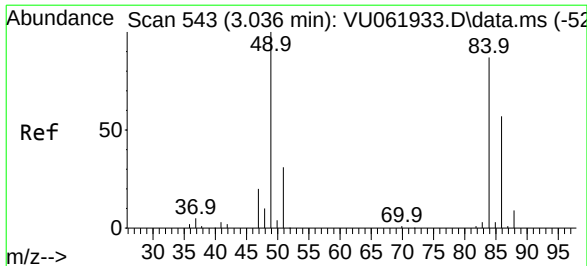
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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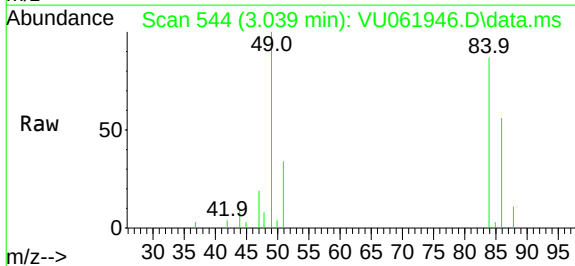
Quant Time: Nov 22 04:43:42 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
Quant Title : TRACE VOA SFAM1.0
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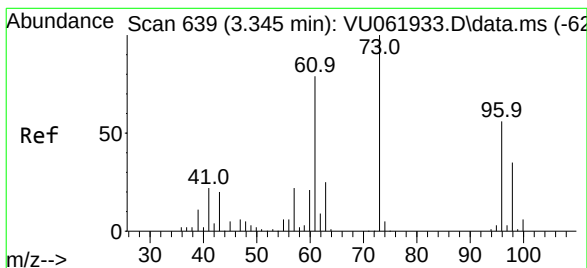
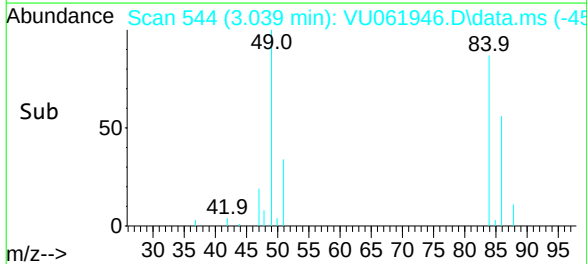
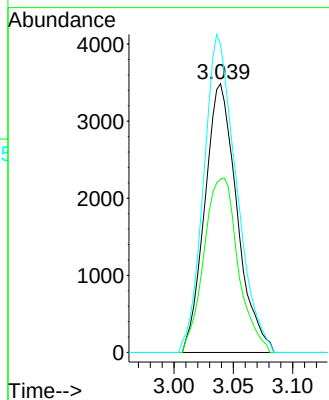


#16
Methylene chloride
Concen: 0.523 ug/L
RT: 3.039 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU061946.D
Acq: 22 Nov 2024 03:42

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ClientSampleId :
BG415

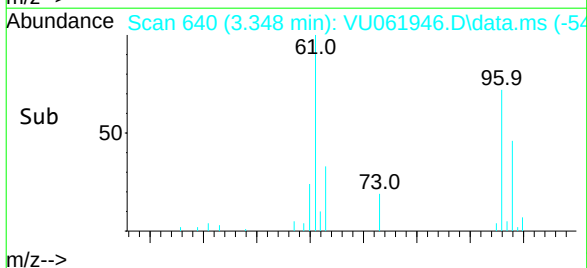
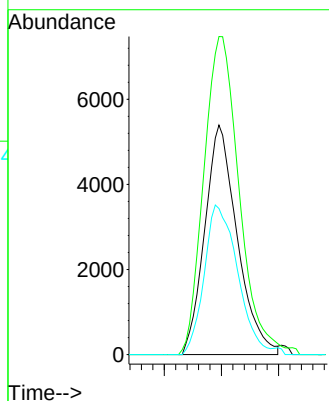
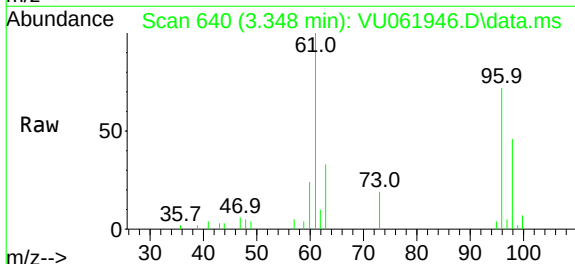


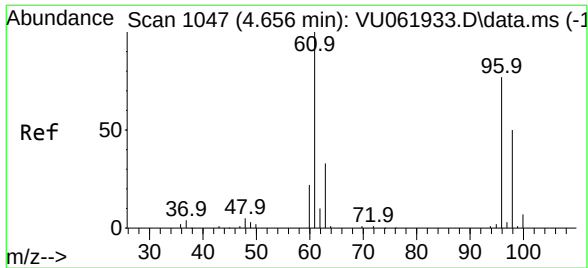
Tgt Ion: 84 Resp: 6572
Ion Ratio Lower Upper
84 100
86 64.5 43.5 80.7
49 114.6 81.9 152.1



#18
trans-1,2-Dichloroethene
Concen: 0.962 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU061946.D
Acq: 22 Nov 2024 03:42

Tgt Ion: 96 Resp: 10648
Ion Ratio Lower Upper
96 100
61 138.6 104.2 193.4
98 63.7 45.7 84.9

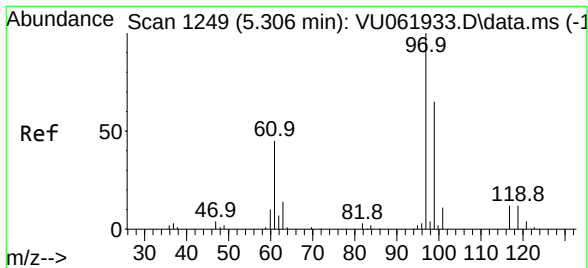
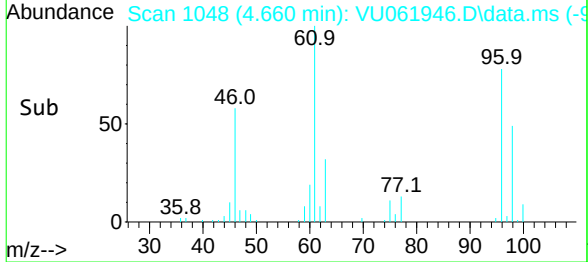
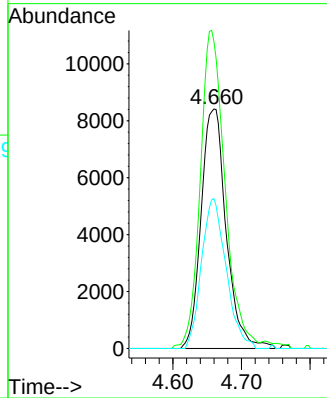
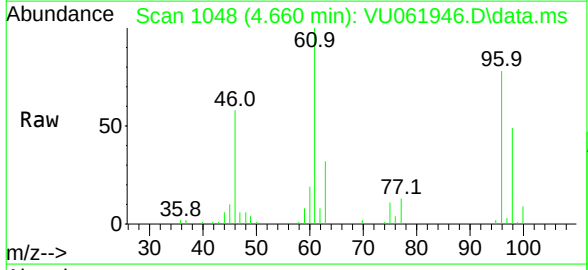




#22
 cis-1,2-Dichloroethene
 Concen: 1.719 ug/L
 RT: 4.660 min Scan# 1047
 Delta R.T. 0.003 min
 Lab File: VU061946.D
 Acq: 22 Nov 2024 03:42

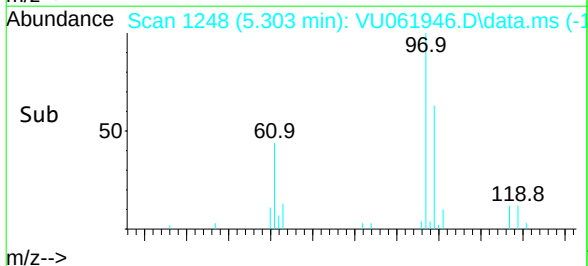
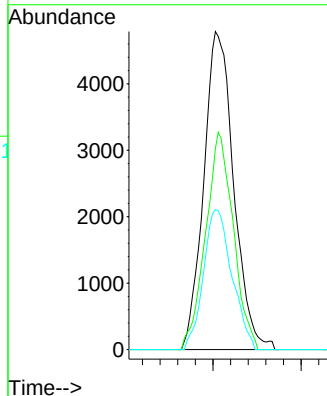
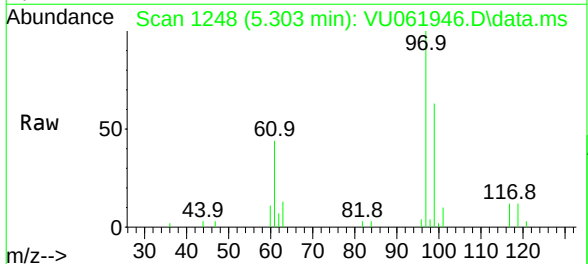
Instrument :
 MSVOA_U
 ClientSampleId :
 BG415

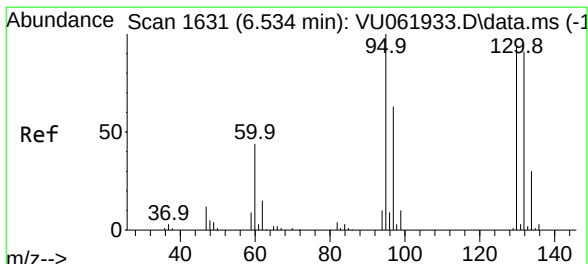
Tgt Ion:	96	Resp:	21403
Ion	Ratio	Lower	Upper
96	100		
61	128.3	92.0	170.8
98	62.6	44.5	82.7



#29
 1,1,1-Trichloroethane
 Concen: 0.675 ug/L
 RT: 5.303 min Scan# 1248
 Delta R.T. -0.003 min
 Lab File: VU061946.D
 Acq: 22 Nov 2024 03:42

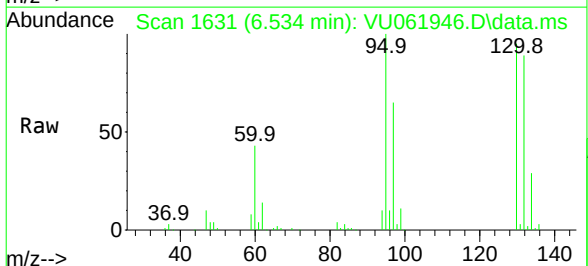
Tgt Ion:	97	Resp:	11305
Ion	Ratio	Lower	Upper
97	100		
99	63.1	51.4	77.2
61	41.8	37.8	56.6





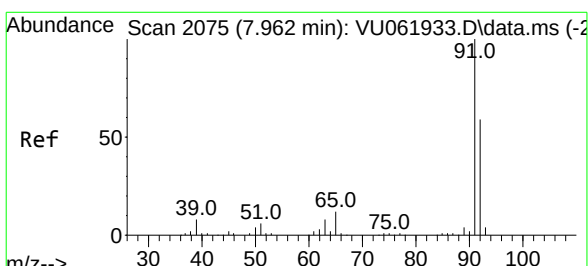
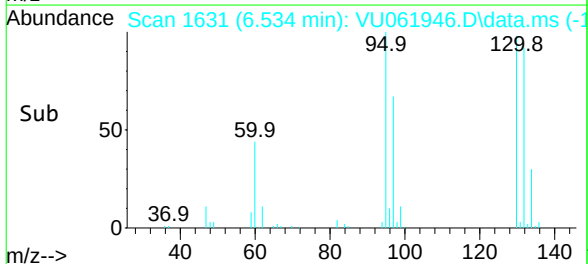
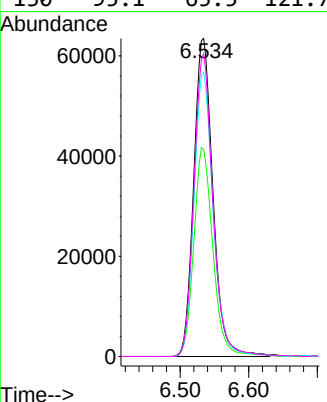
#34
 Trichloroethene
 Concen: 10.594 ug/L
 RT: 6.534 min Scan# 16
 Delta R.T. 0.000 min
 Lab File: VU061946.D
 Acq: 22 Nov 2024 03:42

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Tgt Ion: 95 Resp: 123987

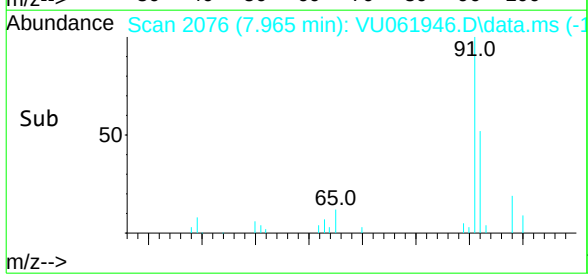
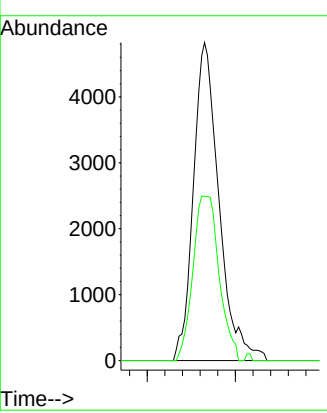
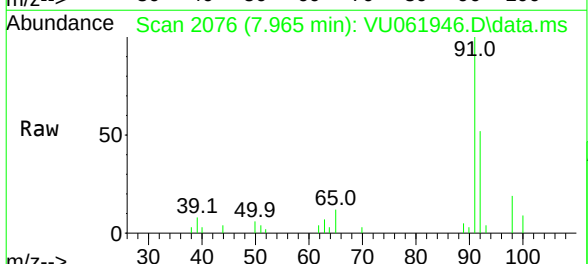
Ion	Ratio	Lower	Upper
95	100		
97	65.1	45.9	85.3
132	89.4	63.8	118.4
130	95.1	65.5	121.7

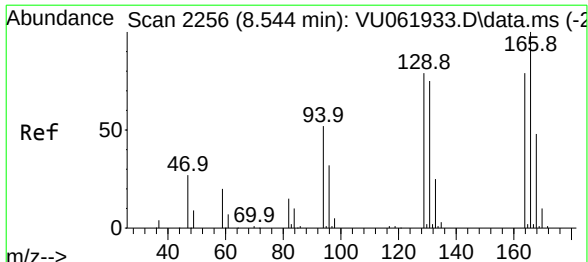


#42
 Toluene
 Concen: 0.211 ug/L
 RT: 7.965 min Scan# 2076
 Delta R.T. 0.003 min
 Lab File: VU061946.D
 Acq: 22 Nov 2024 03:42

Tgt Ion: 91 Resp: 9719

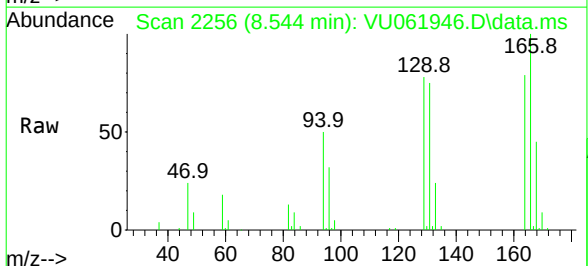
Ion	Ratio	Lower	Upper
91	100		
92	51.6	39.0	72.4





#47
 Tetrachloroethene
 Concen: 3.344 ug/L
 RT: 8.544 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: VU061946.D
 Acq: 22 Nov 2024 03:42

Instrument :
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Tgt Ion:	164	Resp:	28460
Ion	Ratio	Lower	Upper
164	100		
129	99.6	73.2	136.0
131	95.2	72.3	134.3
166	127.1	90.2	167.4

