

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112024\
 Data File : VU061884.D
 Acq On : 20 Nov 2024 22:39
 Operator : MD/SY
 Sample : P4885-09DL 4X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG3Q5DL

Quant Time: Nov 21 01:35:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 21 01:18:14 2024
 Response via : Initial Calibration

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

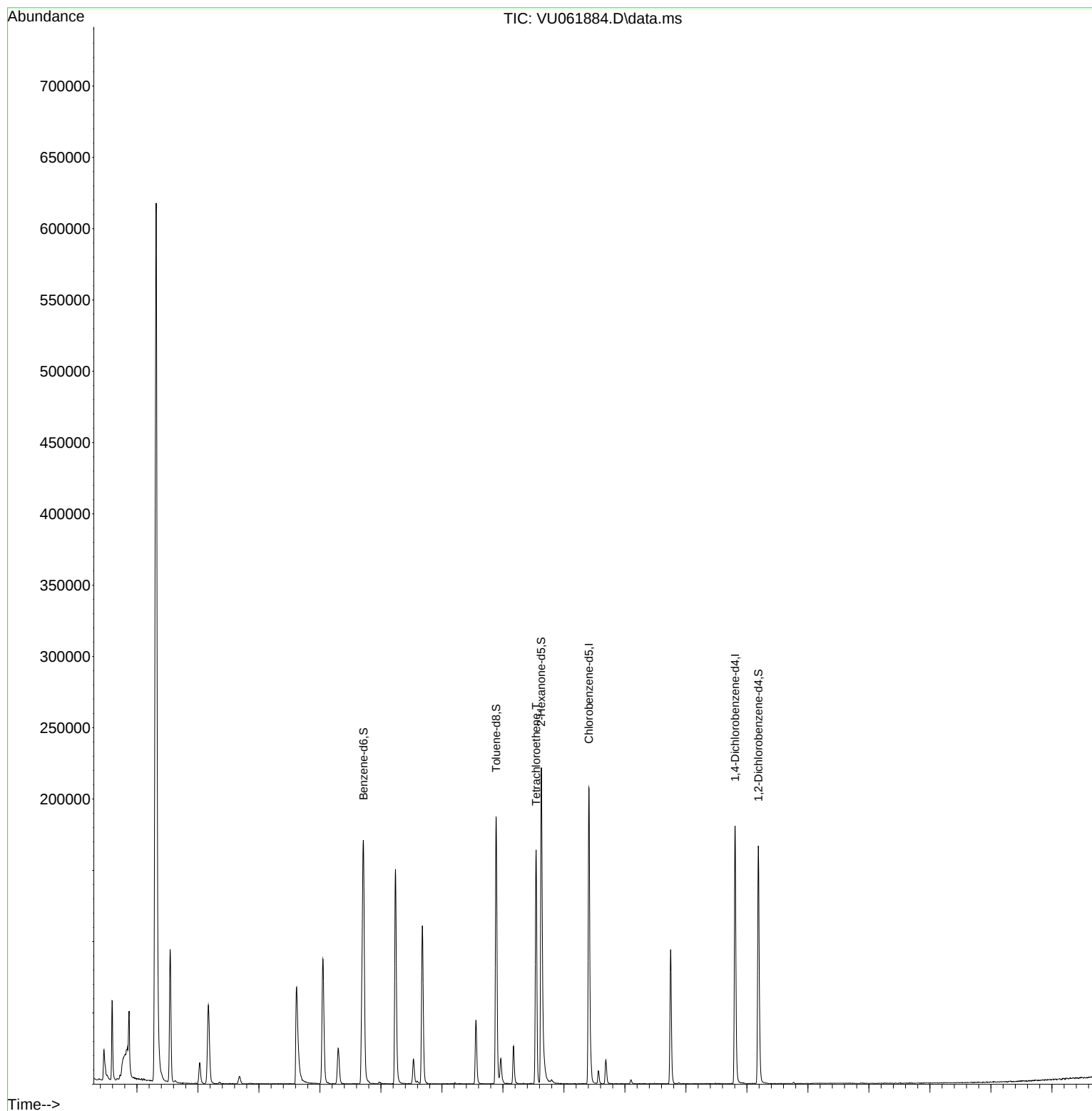
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	123409	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	113040	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	49536	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	42895	7.086	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 141.800%#	
7) Chloroethane-d5	1.869	69	21231	3.965	ug/L	-0.04
Spiked Amount	5.000	Range	65 - 130	Recovery	= 79.200%	
11) 1,1-Dichloroethene-d2	2.544	65	17062	7.055	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	= 141.000%#	
20) 2-Butanone-d5	4.615	46	109061	57.373	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 114.740%	
24) Chloroform-d	5.049	84	83102	5.627	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 112.600%	
26) 1,2-Dichloroethane-d4	5.689	65	47515	6.252	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 125.000%	
32) Benzene-d6	5.714	84	159751	7.253	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 145.000%#	
36) 1,2-Dichloropropane-d6	6.679	67	53626	7.166	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 143.400%#	
41) Toluene-d8	7.888	98	130119	7.083	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 141.600%#	
43) trans-1,3-Dichloroprop...	8.174	79	14529	5.244	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 104.800%	
46) 2-Hexanone-d5	8.627	63	81003	64.057	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 128.120%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	47422	6.341	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 126.800%#	
66) 1,2-Dichlorobenzene-d4	12.187	152	45241	6.176	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 123.600%#	
Target Compounds						Qvalue
16) Methylene chloride	3.026	84	7672	0.772	ug/L	86
29) 1,1,1-Trichloroethane	5.300	97	18075	1.387	ug/L	99
34) Trichloroethene	6.534	95	6408	0.703	ug/L	93
42) Toluene	7.965	91	13211	0.369	ug/L	100
47) Tetrachloroethene	8.544	164	35257	5.321	ug/L	96
51) Chlorobenzene	9.441	112	6728	0.274	ug/L	98
52) Ethylbenzene	9.566	91	6761	0.158	ug/L	95
53) m,p-Xylene	9.692	106	5419	0.358	ug/L	78
67) 1,2-Dichlorobenzene	12.209	146	5523	0.370	ug/L	96

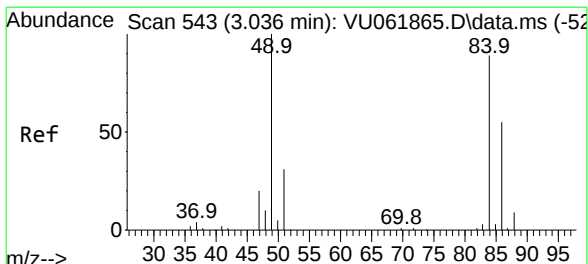
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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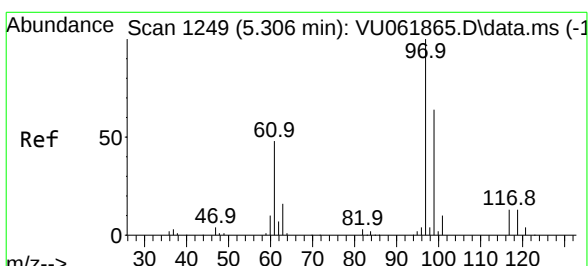
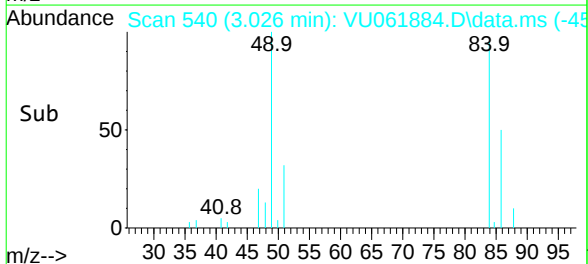
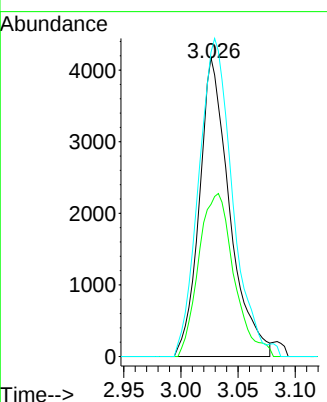
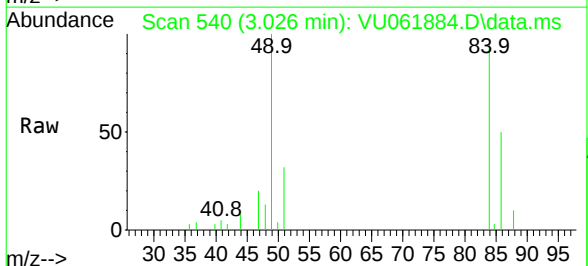




#16
Methylene chloride
Concen: 0.772 ug/L
RT: 3.026 min Scan# 54
Delta R.T. -0.010 min
Lab File: VU061884.D
Acq: 20 Nov 2024 22:39

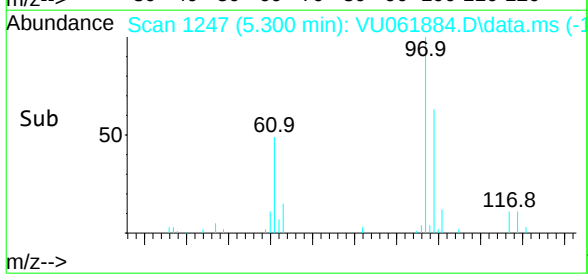
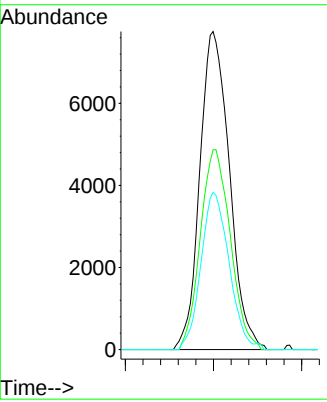
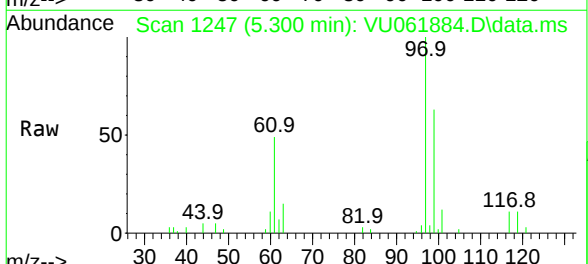
Instrument :
MSVOA_U
ClientSampleId :
BG3Q5DL

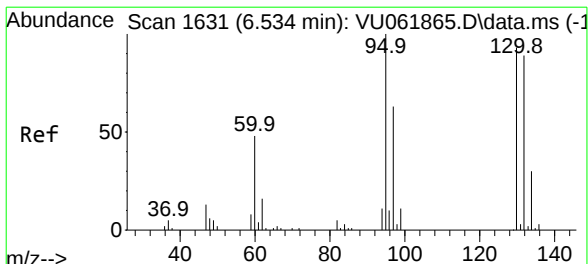
Tgt Ion:	84	Resp:	7672
Ion	Ratio	Lower	Upper
84	100		
86	51.0	43.5	80.7
49	101.9	81.9	152.1



#29
1,1,1-Trichloroethane
Concen: 1.387 ug/L
RT: 5.300 min Scan# 1247
Delta R.T. -0.006 min
Lab File: VU061884.D
Acq: 20 Nov 2024 22:39

Tgt Ion:	97	Resp:	18075
Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.4	77.2
61	47.0	37.8	56.6

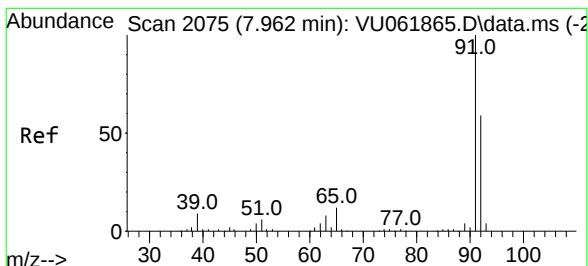
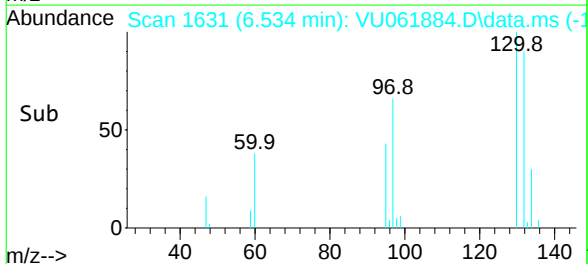
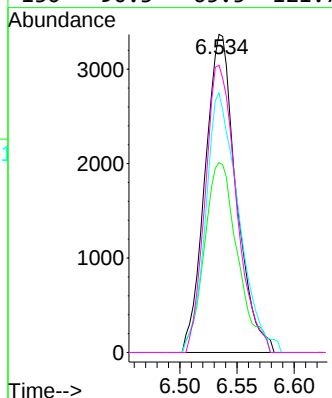
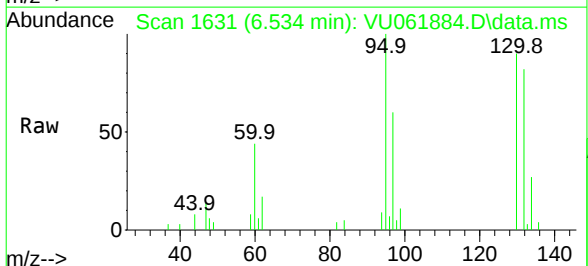




#34
 Trichloroethene
 Concen: 0.703 ug/L
 RT: 6.534 min Scan# 1631
 Delta R.T. 0.000 min
 Lab File: VU061884.D
 Acq: 20 Nov 2024 22:39

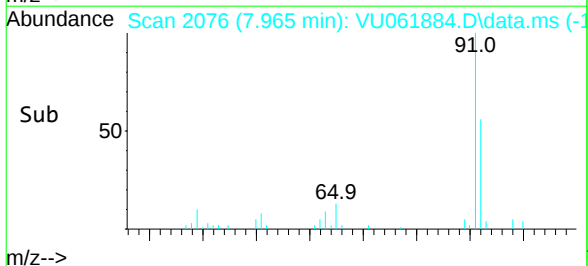
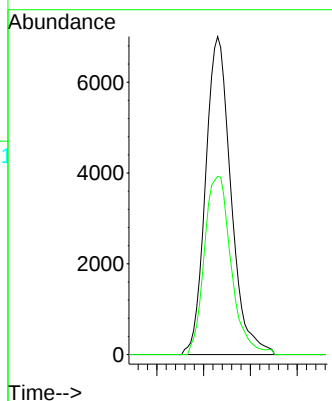
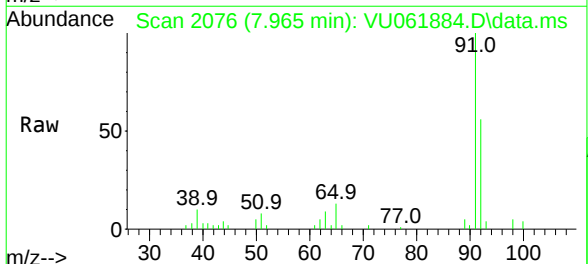
Instrument :
 MSVOA_U
 ClientSampleId :
 BG3Q5DL

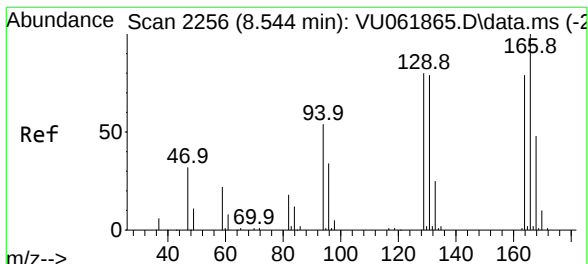
Tgt Ion:	95	Resp:	6408
Ion	Ratio	Lower	Upper
95	100		
97	59.7	45.9	85.3
132	81.6	63.8	118.4
130	90.3	65.5	121.7



#42
 Toluene
 Concen: 0.369 ug/L
 RT: 7.965 min Scan# 2076
 Delta R.T. 0.003 min
 Lab File: VU061884.D
 Acq: 20 Nov 2024 22:39

Tgt Ion:	91	Resp:	13211
Ion	Ratio	Lower	Upper
91	100		
92	56.0	39.0	72.4

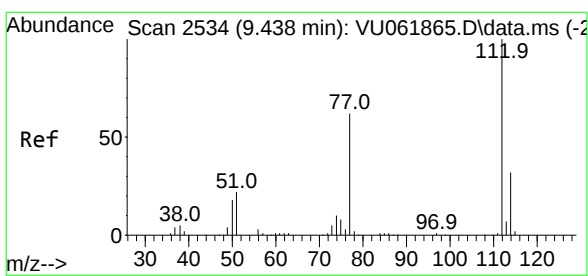
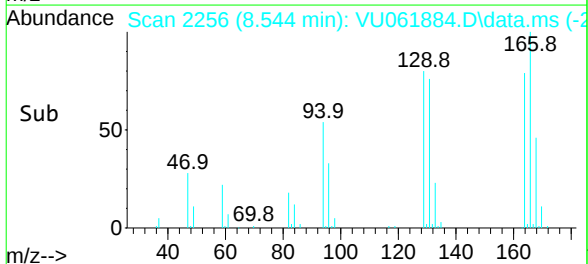
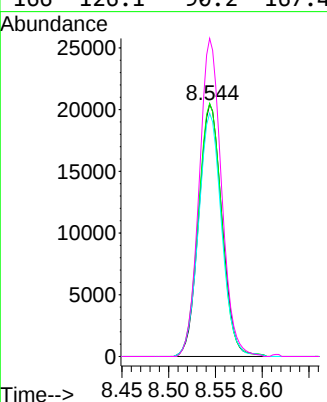
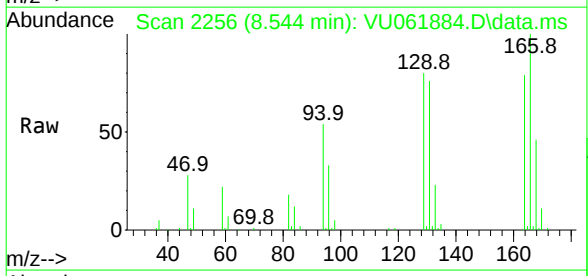




#47
Tetrachloroethene
Concen: 5.321 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.000 min
Lab File: VU061884.D
Acq: 20 Nov 2024 22:39

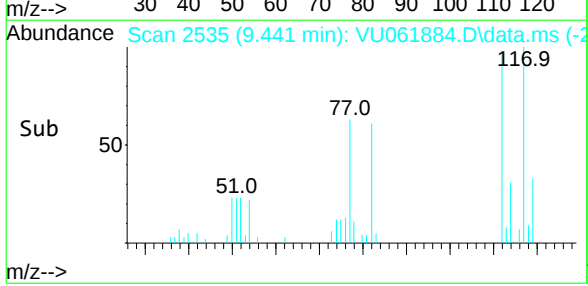
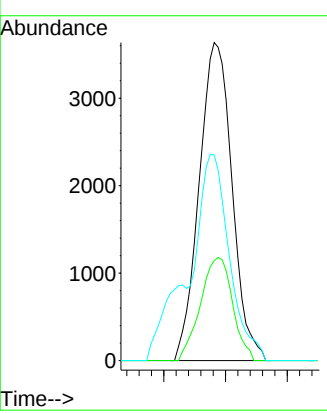
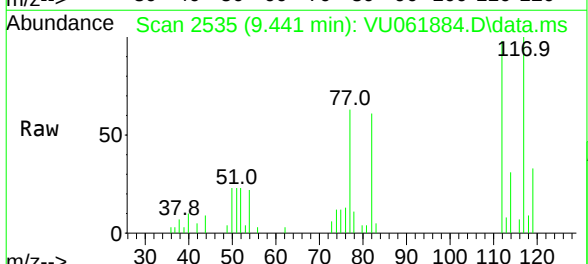
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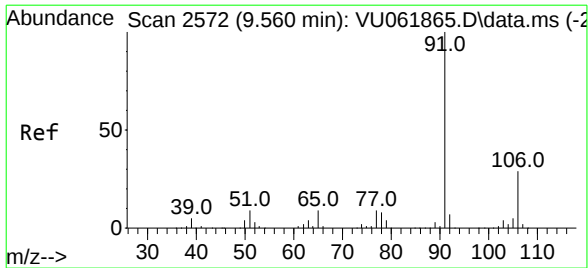
Tgt Ion:	164	Resp:	35257
Ion	Ratio	Lower	Upper
164	100		
129	100.4	73.2	136.0
131	96.4	72.3	134.3
166	126.1	90.2	167.4



#51
Chlorobenzene
Concen: 0.274 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.003 min
Lab File: VU061884.D
Acq: 20 Nov 2024 22:39

Tgt Ion:	112	Resp:	6728
Ion	Ratio	Lower	Upper
112	100		
114	31.4	23.0	42.6
77	64.6	50.5	75.7

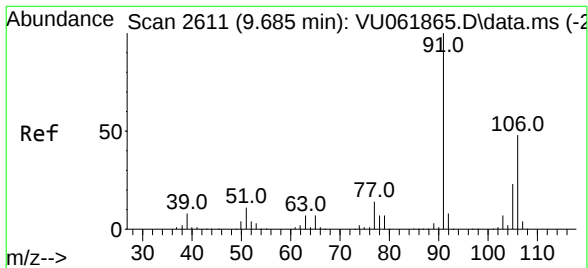
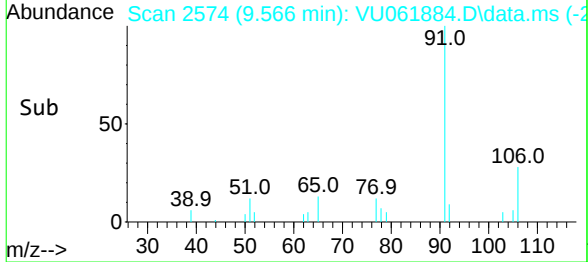
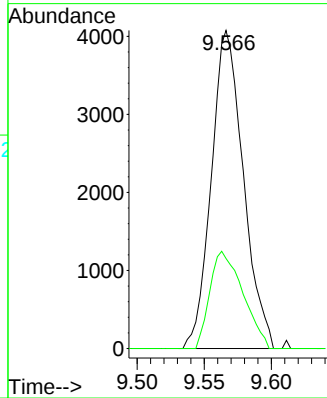
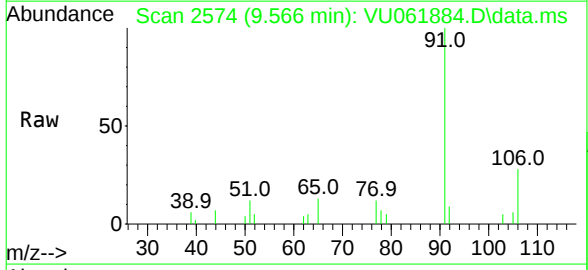




#52
Ethylbenzene
Concen: 0.158 ug/L
RT: 9.566 min Scan# 2572
Delta R.T. 0.006 min
Lab File: VU061884.D
Acq: 20 Nov 2024 22:39

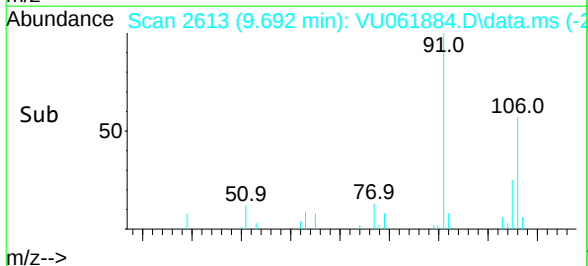
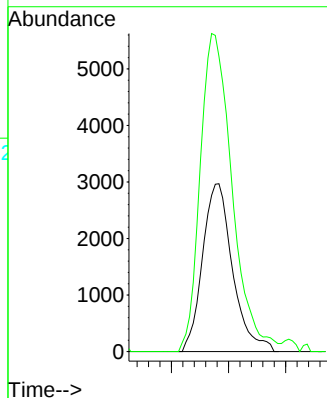
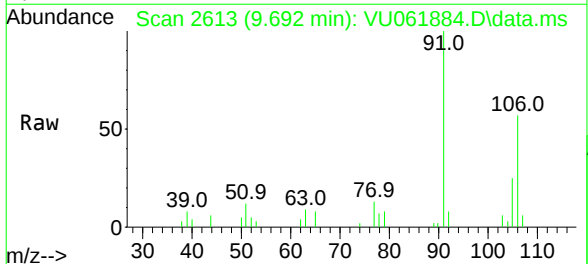
Instrument :
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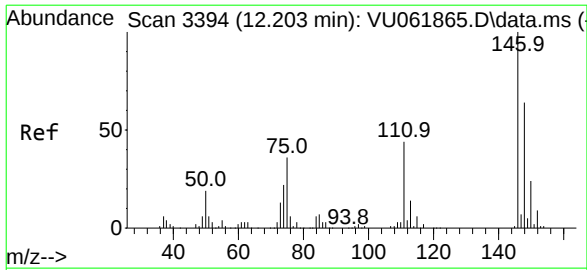
Tgt Ion: 91 Resp: 6761
Ion Ratio Lower Upper
91 100
106 28.3 21.6 40.0



#53
m,p-Xylene
Concen: 0.358 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.006 min
Lab File: VU061884.D
Acq: 20 Nov 2024 22:39

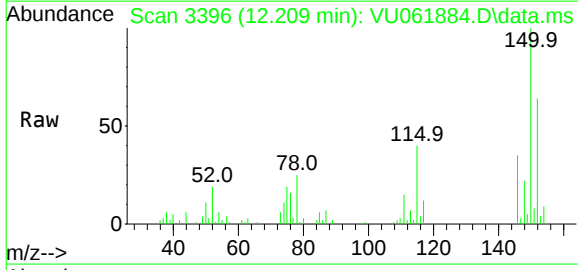
Tgt Ion: 106 Resp: 5419
Ion Ratio Lower Upper
106 100
91 175.8 147.6 274.0





#67
1,2-Dichlorobenzene
Concen: 0.370 ug/L
RT: 12.209 min Scan# 33
Delta R.T. 0.006 min
Lab File: VU061884.D
Acq: 20 Nov 2024 22:39

Instrument :
MSVOA_U
ClientSampleId :
BG3Q5DL



Tgt Ion:	146	Resp:	5523
Ion	Ratio	Lower	Upper
146	100		
111	42.9	36.0	54.0
148	62.4	52.3	78.5

