

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112124\
 Data File : VU061916.D
 Acq On : 21 Nov 2024 14:33
 Operator : MD/SY
 Sample : P4885-09DL 4X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG3Q5DL

Quant Time: Nov 21 23:08:25 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)

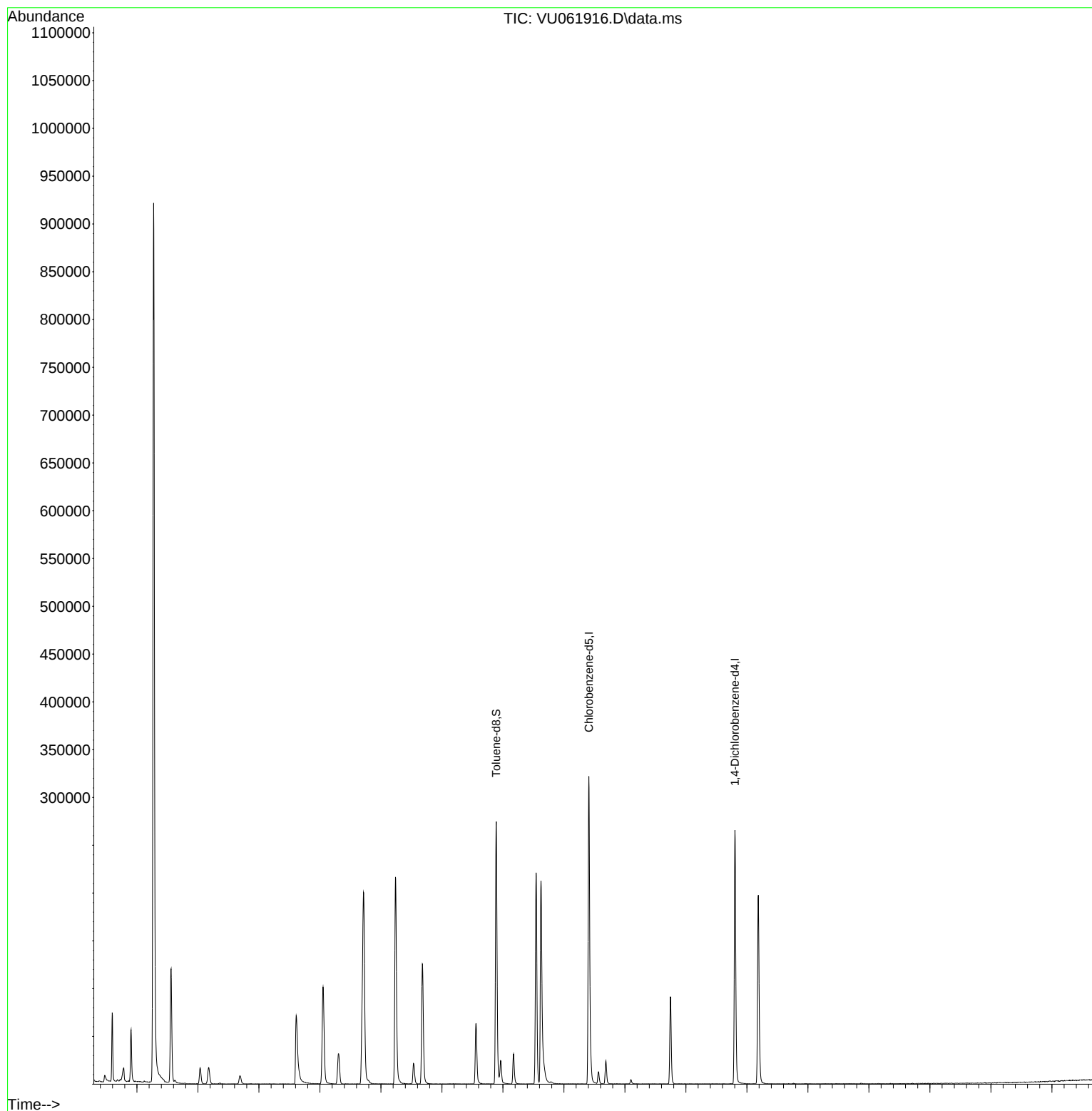
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	177502	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	182505	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	69996	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	48339	5.552	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 111.000%	
7) Chloroethane-d5	1.904	69	40738	5.289	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 105.800%	
11) 1,1-Dichloroethene-d2	2.560	65	22173	6.374	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 127.400%#	
20) 2-Butanone-d5	4.612	46	107194	39.206	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 78.420%	
24) Chloroform-d	5.052	84	97630	4.596	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 92.000%	
26) 1,2-Dichloroethane-d4	5.692	65	52666	4.818	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 96.400%	
32) Benzene-d6	5.718	84	190948	5.370	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 107.400%	
36) 1,2-Dichloropropane-d6	6.679	67	61126	5.059	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 101.200%	
41) Toluene-d8	7.891	98	191198	6.447	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 129.000%	
43) trans-1,3-Dichloroprop...	8.174	79	18409	4.116	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 82.400%	
46) 2-Hexanone-d5	8.624	63	75384	36.923	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 73.840%	
56) 1,1,2,2-Tetrachloroeth...	10.746	84	46842	3.880	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 77.600%	
66) 1,2-Dichlorobenzene-d4	12.187	152	52084	5.032	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 100.600%	
Target Compounds						Qvalue
16) Methylene chloride	3.036	84	8255	0.578	ug/L	97
29) 1,1,1-Trichloroethane	5.306	97	23449	1.115	ug/L	99
34) Trichloroethene	6.534	95	8008	0.544	ug/L	92
42) Toluene	7.962	91	18113	0.313	ug/L	93
47) Tetrachloroethene	8.544	164	48693	4.551	ug/L	97
51) Chlorobenzene	9.444	112	8328	0.210	ug/L	89
52) Ethylbenzene	9.566	91	10267	0.148	ug/L	93
53) m,p-Xylene	9.688	106	7511	0.308	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	6724	0.319	ug/L	95

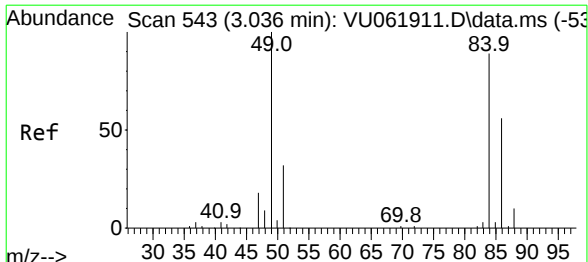
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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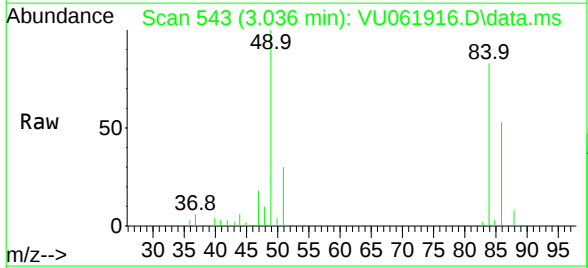
Quant Time: Nov 21 23:08:25 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
Quant Title : TRACE VOA SFAM1.0
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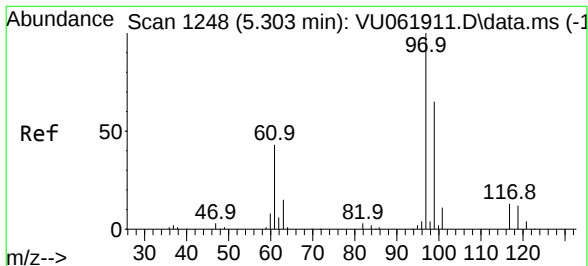
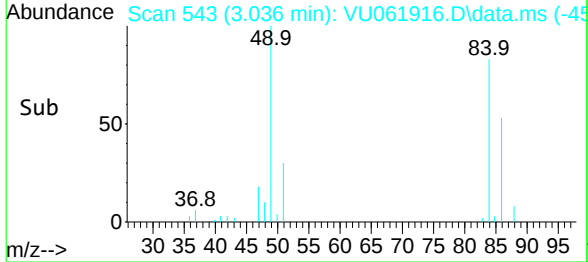
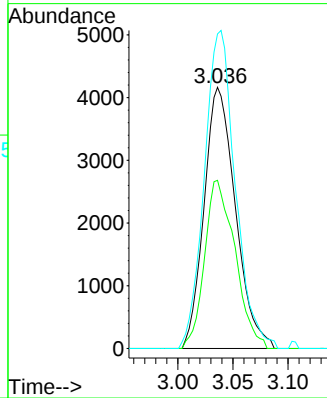


#16
Methylene chloride
Concen: 0.578 ug/L
RT: 3.036 min Scan# 54
Delta R.T. 0.000 min
Lab File: VU061916.D
Acq: 21 Nov 2024 14:33

Instrument :
MSVOA_U
ClientSampleId :
BG3Q5DL

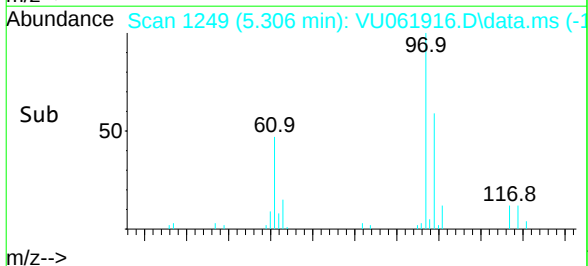
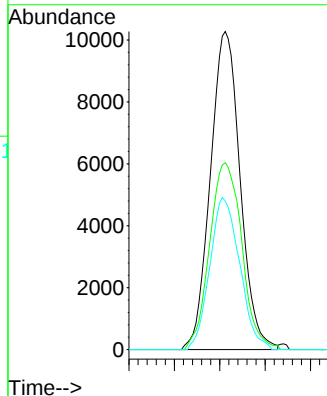
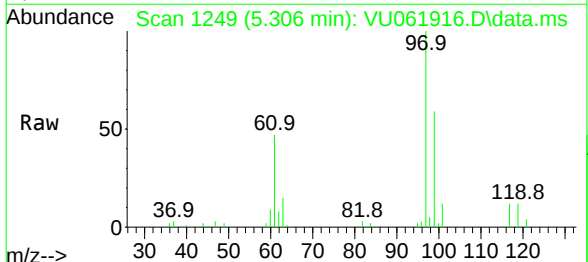


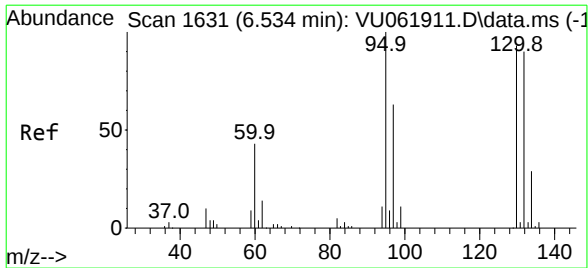
Tgt Ion	Ratio	Lower	Upper
84	100		
86	64.4	43.5	80.7
49	120.4	81.9	152.1



#29
1,1,1-Trichloroethane
Concen: 1.115 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.003 min
Lab File: VU061916.D
Acq: 21 Nov 2024 14:33

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.3	51.4	77.2
61	47.9	37.8	56.6

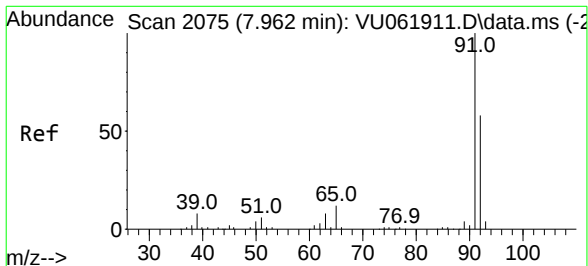
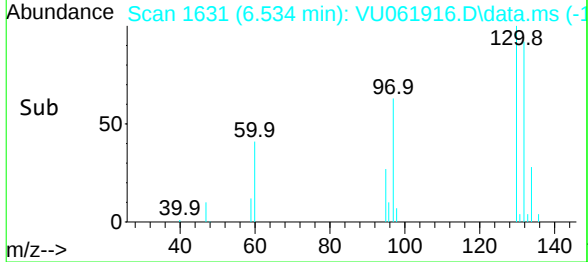
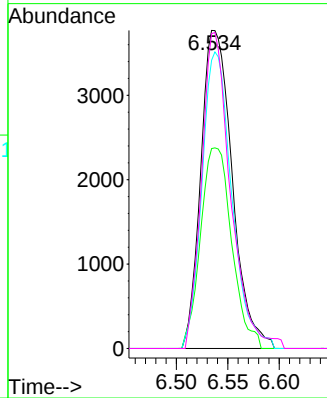
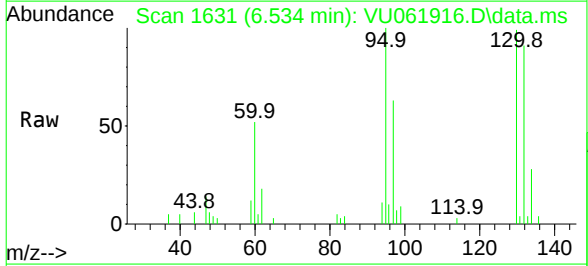




#34
Trichloroethene
Concen: 0.544 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VU061916.D
Acq: 21 Nov 2024 14:33

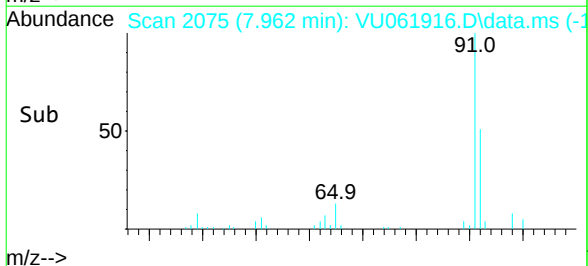
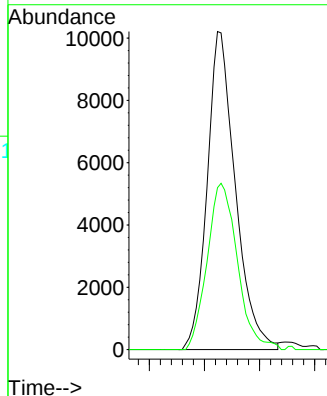
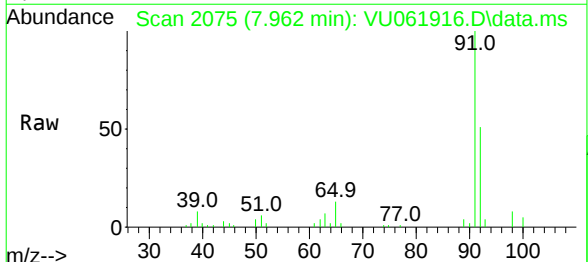
Instrument :
MSVOA_U
ClientSampleId :
BG3Q5DL

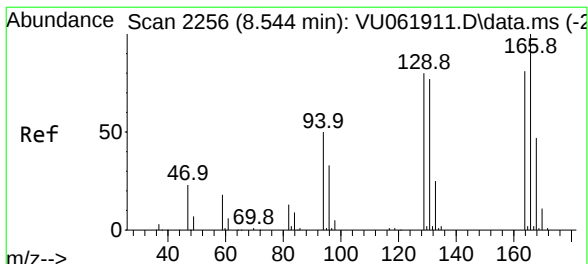
Tgt Ion:	95	Resp:	8008
Ion	Ratio	Lower	Upper
95	100		
97	57.1	45.9	85.3
132	82.4	63.8	118.4
130	89.9	65.5	121.7



#42
Toluene
Concen: 0.313 ug/L
RT: 7.962 min Scan# 2075
Delta R.T. 0.000 min
Lab File: VU061916.D
Acq: 21 Nov 2024 14:33

Tgt Ion:	91	Resp:	18113
Ion	Ratio	Lower	Upper
91	100		
92	50.9	39.0	72.4

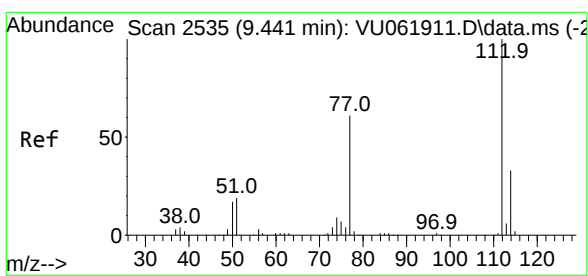
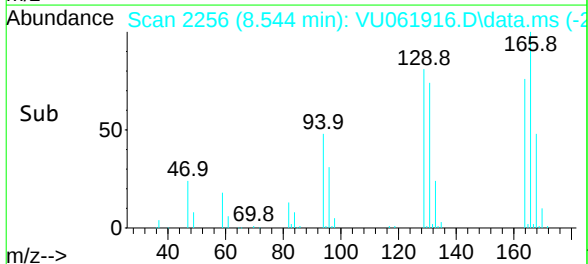
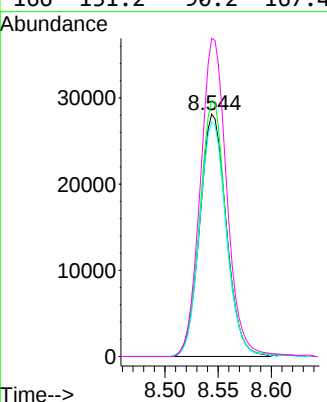
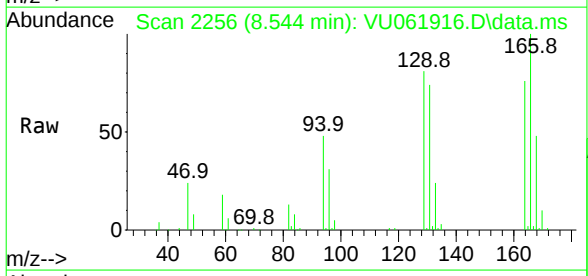




#47
 Tetrachloroethene
 Concen: 4.551 ug/L
 RT: 8.544 min Scan# 2256
 Delta R.T. 0.000 min
 Lab File: VU061916.D
 Acq: 21 Nov 2024 14:33

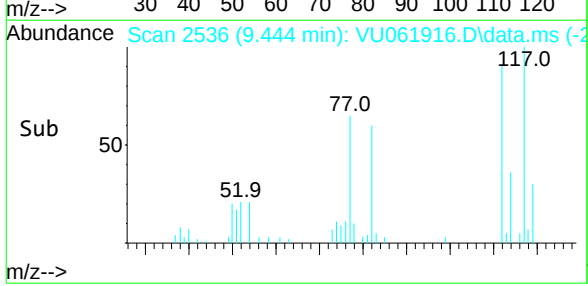
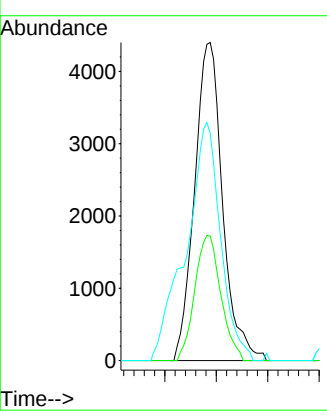
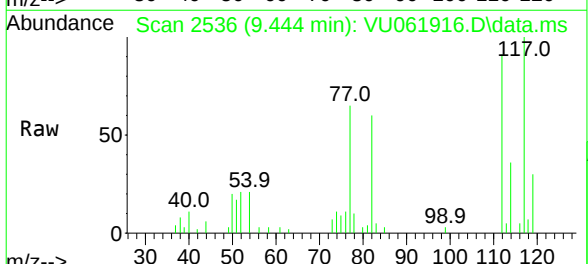
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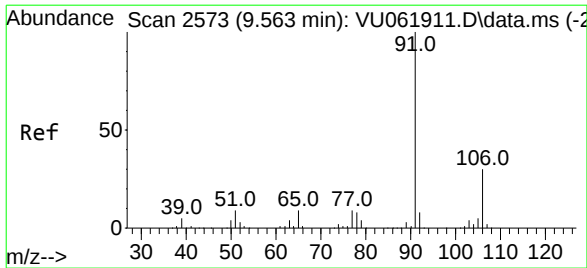
Tgt Ion:	164	Resp:	48693
Ion	Ratio	Lower	Upper
164	100		
129	105.7	73.2	136.0
131	96.8	72.3	134.3
166	131.2	90.2	167.4



#51
 Chlorobenzene
 Concen: 0.210 ug/L
 RT: 9.444 min Scan# 2536
 Delta R.T. 0.003 min
 Lab File: VU061916.D
 Acq: 21 Nov 2024 14:33

Tgt Ion:	112	Resp:	8328
Ion	Ratio	Lower	Upper
112	100		
114	39.1	23.0	42.6
77	71.4	50.5	75.7

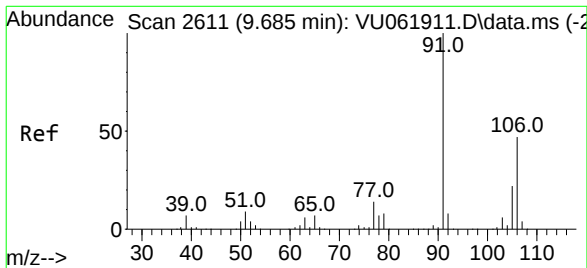
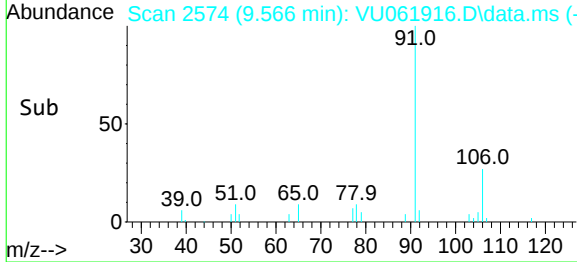
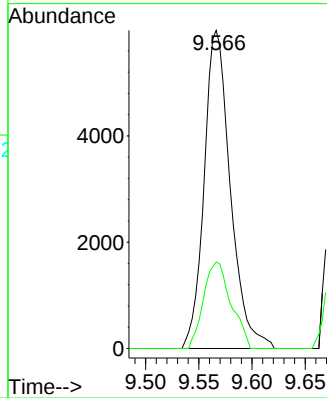
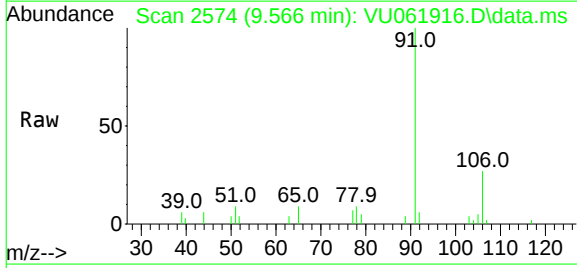




#52
Ethylbenzene
Concen: 0.148 ug/L
RT: 9.566 min Scan# 2573
Delta R.T. 0.003 min
Lab File: VU061916.D
Acq: 21 Nov 2024 14:33

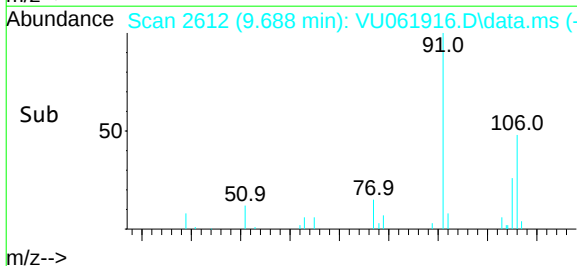
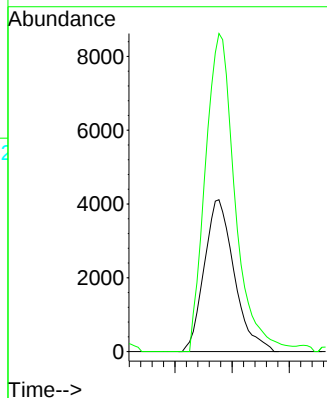
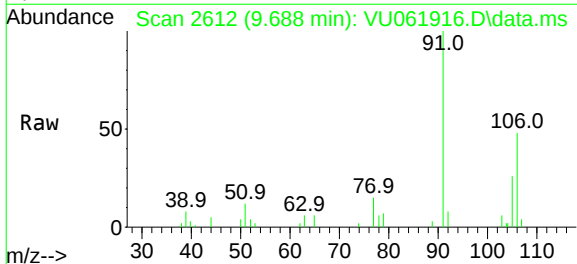
Instrument :
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ClientSampleId :
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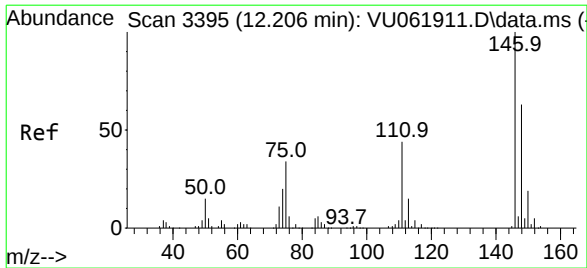
Tgt Ion: 91 Resp: 10267
Ion Ratio Lower Upper
91 100
106 27.2 21.6 40.0



#53
m,p-Xylene
Concen: 0.308 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.003 min
Lab File: VU061916.D
Acq: 21 Nov 2024 14:33

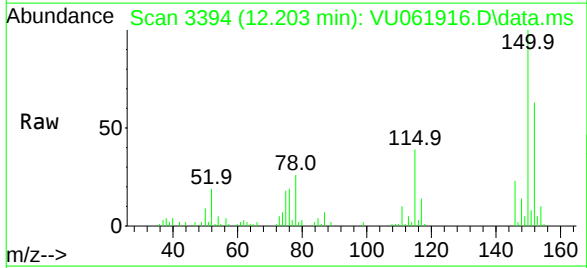
Tgt Ion: 106 Resp: 7511
Ion Ratio Lower Upper
106 100
91 209.4 147.6 274.0





#67
1,2-Dichlorobenzene
Concen: 0.319 ug/L
RT: 12.203 min Scan# 33
Delta R.T. -0.003 min
Lab File: VU061916.D
Acq: 21 Nov 2024 14:33

Instrument :
MSVOA_U
ClientSampleId :
BG3Q5DL



Tgt Ion:	146	Resp:	6724
Ion	Ratio	Lower	Upper
146	100		
111	42.6	36.0	54.0
148	60.9	52.3	78.5

