

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112124\
 Data File : VU061927.D
 Acq On : 21 Nov 2024 19:05
 Operator : MD/SY
 Sample : P4903-07
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG403

Quant Time: Nov 21 23:11:46 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)

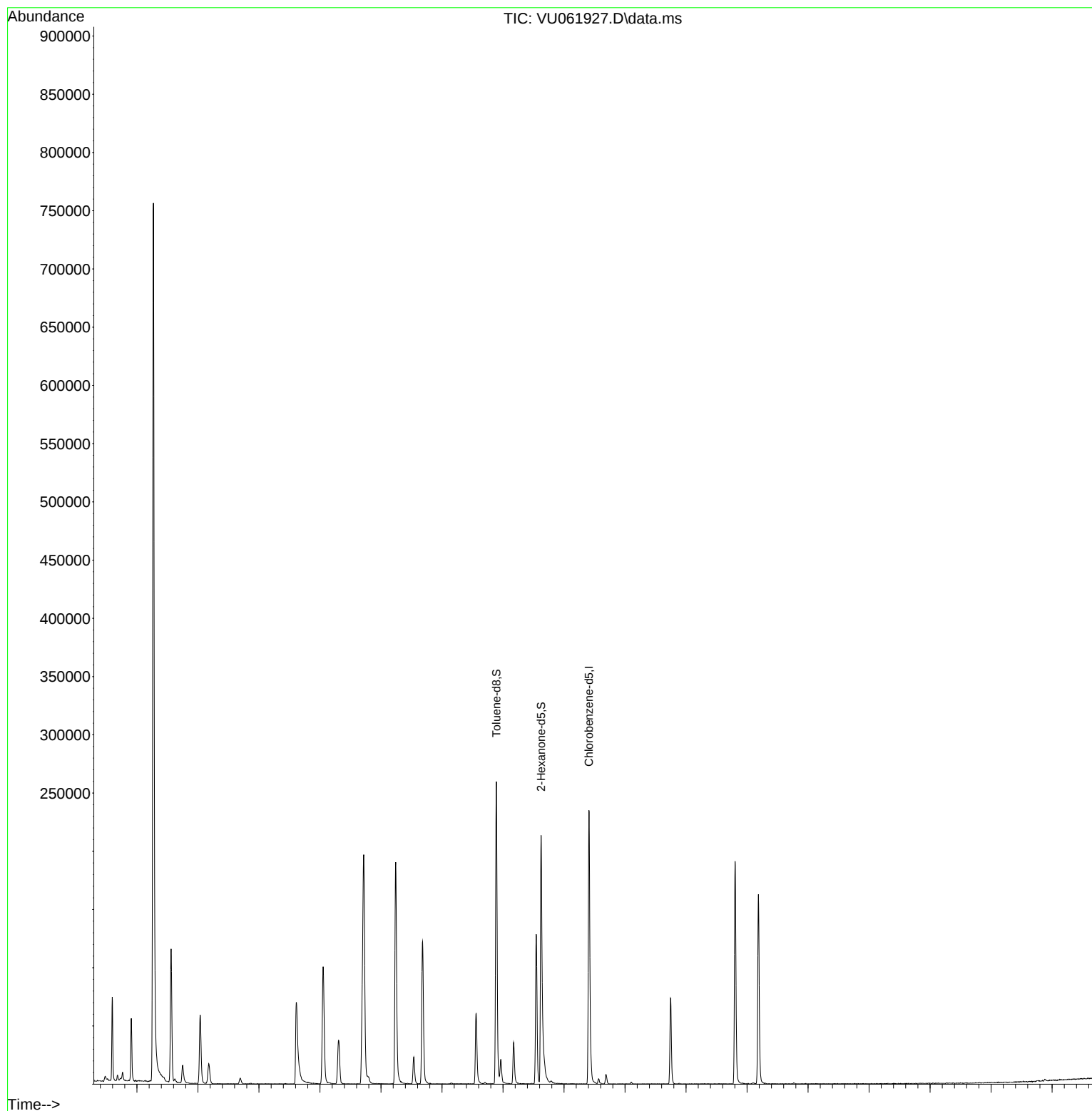
Internal Standards							
1) 1,4-Difluorobenzene		6.242	114	158844	5.000	ug/L	0.00
28) Chlorobenzene-d5		9.409	117	135347	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.804	152	55138	5.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.595	65	49102	6.302	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 126.000%		
7) Chloroethane-d5		1.907	69	39044	5.665	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 113.200%		
11) 1,1-Dichloroethene-d2		2.560	65	21546	6.922	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 138.400%#		
20) 2-Butanone-d5		4.611	46	104903	42.875	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 85.740%		
24) Chloroform-d		5.052	84	96108	5.056	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 101.200%		
26) 1,2-Dichloroethane-d4		5.692	65	50741	5.187	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 103.800%		
32) Benzene-d6		5.717	84	186303	7.065	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 141.200%#		
36) 1,2-Dichloropropane-d6		6.682	67	59873	6.682	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 133.600%		
41) Toluene-d8		7.891	98	176070	8.005	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 160.200%#		
43) trans-1,3-Dichloroprop...		8.174	79	21777	6.565	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 131.200%#		
46) 2-Hexanone-d5		8.624	63	73407	48.483	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 96.960%		
56) 1,1,2,2-Tetrachloroeth...		10.746	84	37751	4.216	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 84.400%		
66) 1,2-Dichlorobenzene-d4		12.187	152	44791	5.494	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 109.800%		
Target Compounds							Qvalue
16) Methylene chloride		3.036	84	29791	2.329	ug/L	98
22) cis-1,2-Dichloroethene		4.666	96	1950	0.154	ug/L	88
29) 1,1,1-Trichloroethane		5.306	97	28118	1.802	ug/L	99
34) Trichloroethene		6.537	95	8500	0.779	ug/L	97
42) Toluene		7.965	91	15649	0.365	ug/L	98
47) Tetrachloroethene		8.547	164	29100	3.668	ug/L	95
51) Chlorobenzene		9.441	112	6056	0.206	ug/L	97
53) m,p-Xylene		9.692	106	2626	0.145	ug/L	97

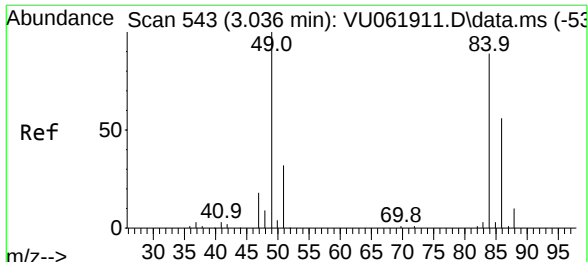
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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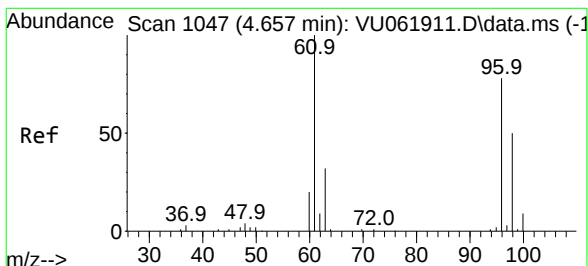
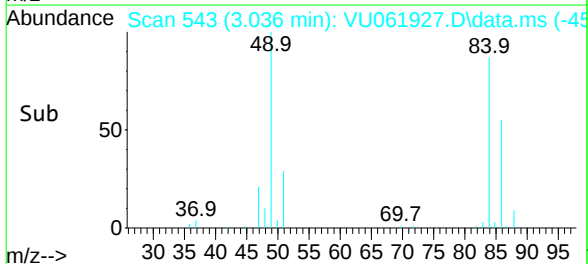
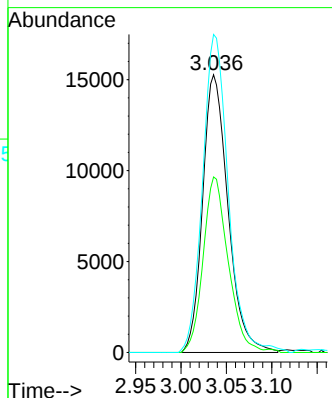
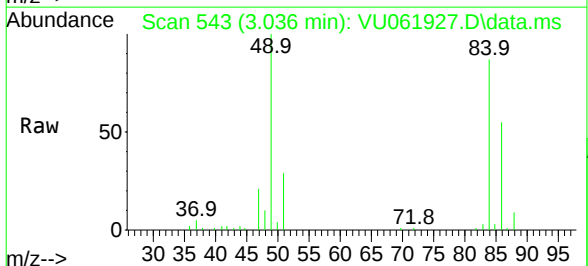




#16
Methylene chloride
Concen: 2.329 ug/L
RT: 3.036 min Scan# 54
Delta R.T. -0.000 min
Lab File: VU061927.D
Acq: 21 Nov 2024 19:05

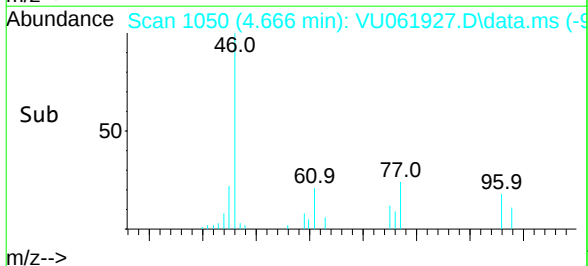
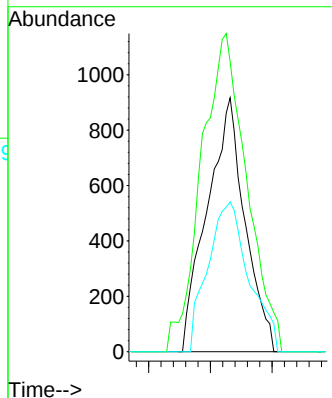
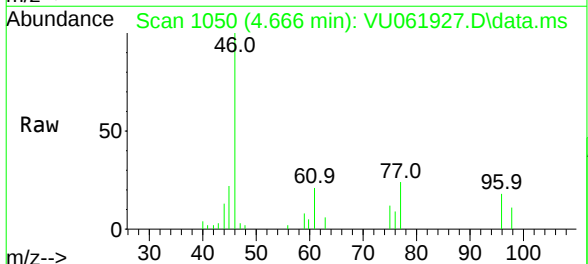
Instrument :
MSVOA_U
ClientSampleId :
BG403

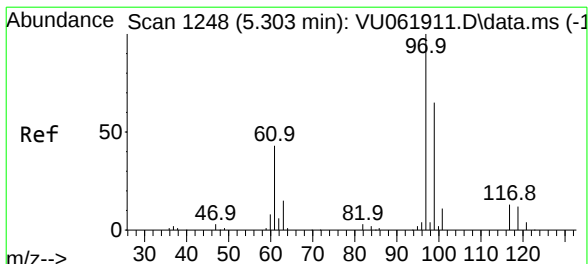
Tgt Ion:	84	Resp:	29791
Ion	Ratio	Lower	Upper
84	100		
86	63.2	43.5	80.7
49	114.5	81.9	152.1



#22
cis-1,2-Dichloroethene
Concen: 0.154 ug/L
RT: 4.666 min Scan# 1050
Delta R.T. 0.010 min
Lab File: VU061927.D
Acq: 21 Nov 2024 19:05

Tgt Ion:	96	Resp:	1950
Ion	Ratio	Lower	Upper
96	100		
61	114.3	92.0	170.8
98	59.0	44.5	82.7

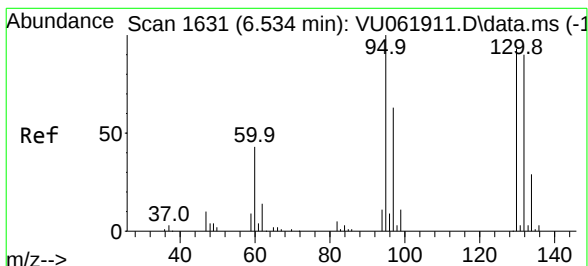
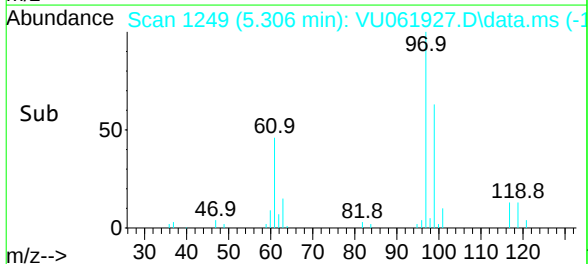
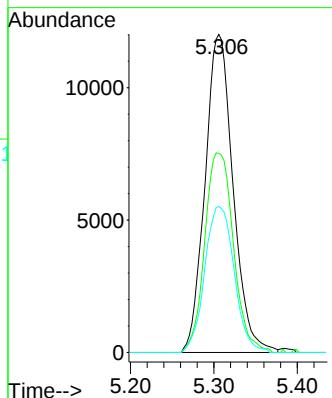
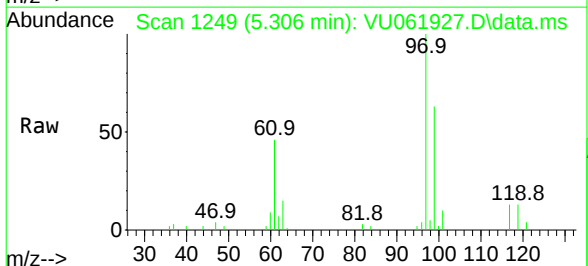




#29
 1,1,1-Trichloroethane
 Concen: 1.802 ug/L
 RT: 5.306 min Scan# 1249
 Delta R.T. 0.003 min
 Lab File: VU061927.D
 Acq: 21 Nov 2024 19:05

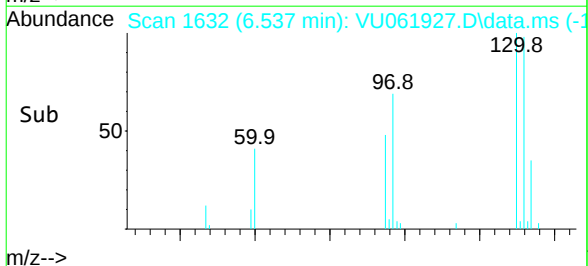
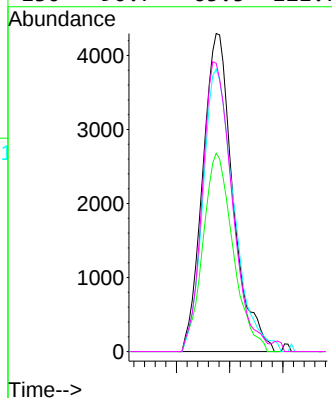
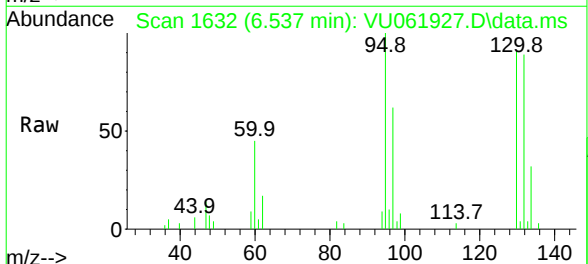
Instrument :
 MSVOA_U
 ClientSampleId :
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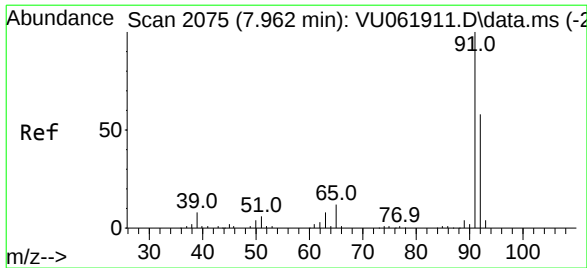
Tgt Ion:	97	Resp:	28118
Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.4	77.2
61	48.1	37.8	56.6



#34
 Trichloroethene
 Concen: 0.779 ug/L
 RT: 6.537 min Scan# 1632
 Delta R.T. 0.003 min
 Lab File: VU061927.D
 Acq: 21 Nov 2024 19:05

Tgt Ion:	95	Resp:	8500
Ion	Ratio	Lower	Upper
95	100		
97	62.4	45.9	85.3
132	88.8	63.8	118.4
130	90.7	65.5	121.7





#42

Toluene

Concen: 0.365 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU061927.D

Acq: 21 Nov 2024 19:05

Instrument :

MSVOA_U

ClientSampleId :

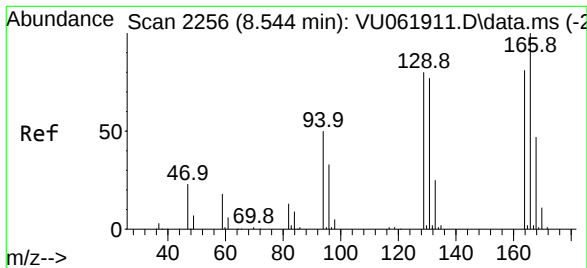
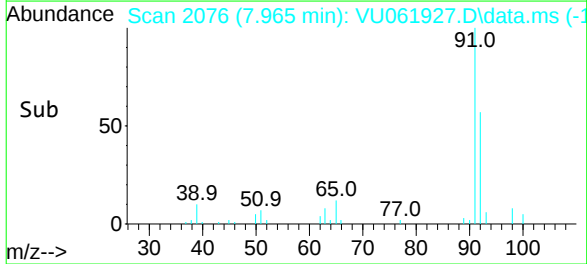
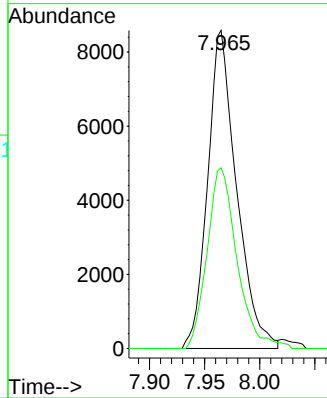
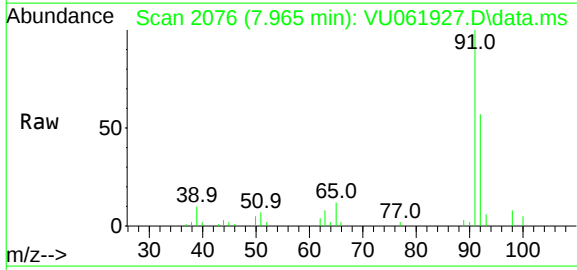
BG403

Tgt Ion: 91 Resp: 15649

Ion Ratio Lower Upper

91 100

92 56.8 39.0 72.4



#47

Tetrachloroethene

Concen: 3.668 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.003 min

Lab File: VU061927.D

Acq: 21 Nov 2024 19:05

Tgt Ion: 164 Resp: 29100

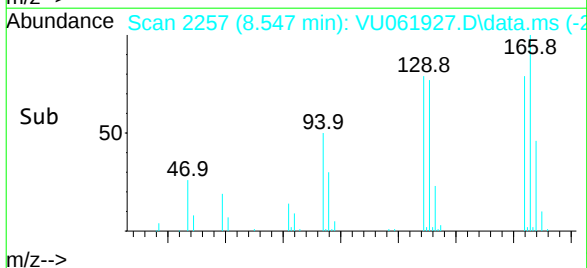
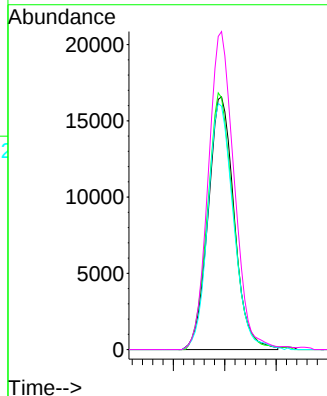
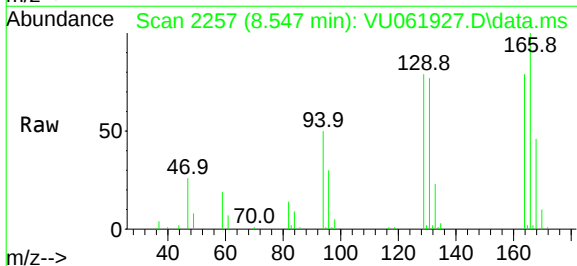
Ion Ratio Lower Upper

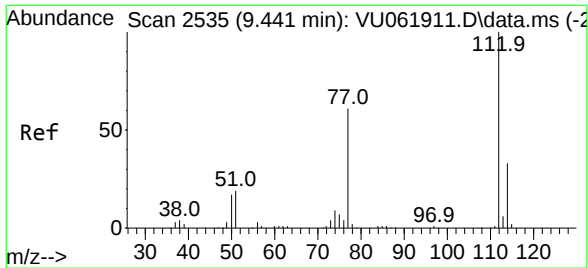
164 100

129 99.7 73.2 136.0

131 96.3 72.3 134.3

166 125.9 90.2 167.4

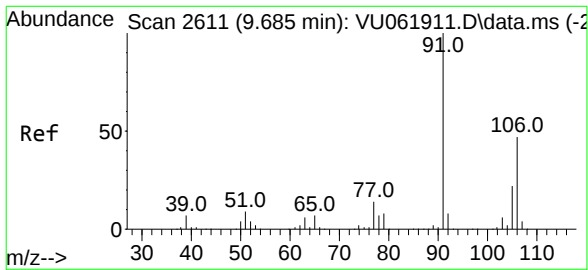
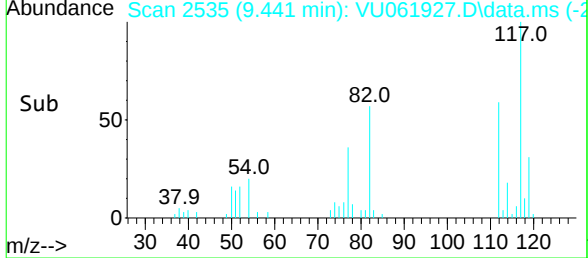
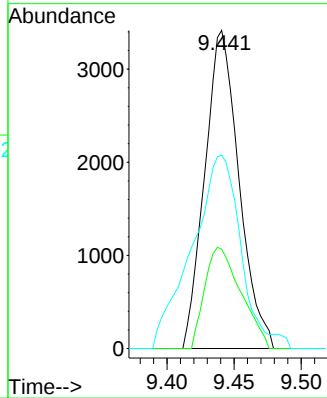
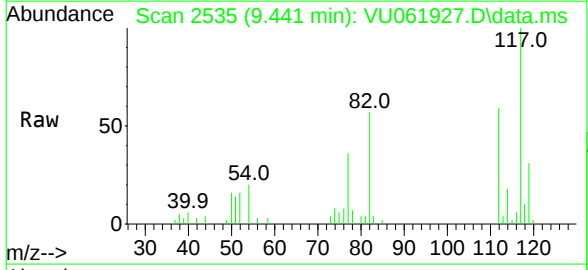




#51
Chlorobenzene
Concen: 0.206 ug/L
RT: 9.441 min Scan# 2513
Delta R.T. -0.000 min
Lab File: VU061927.D
Acq: 21 Nov 2024 19:05

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Tgt Ion:	112	Resp:	6056
Ion	Ratio	Lower	Upper
112	100		
114	31.2	23.0	42.6
77	60.8	50.5	75.7



#53
m,p-Xylene
Concen: 0.145 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.006 min
Lab File: VU061927.D
Acq: 21 Nov 2024 19:05

Tgt Ion:	106	Resp:	2626
Ion	Ratio	Lower	Upper
106	100		
91	215.9	147.6	274.0

