

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112124\
 Data File : VU061915.D
 Acq On : 21 Nov 2024 14:09
 Operator : MD/SY
 Sample : P4885-08DL 5X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG3Q4DL

Quant Time: Nov 21 23:08:07 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)

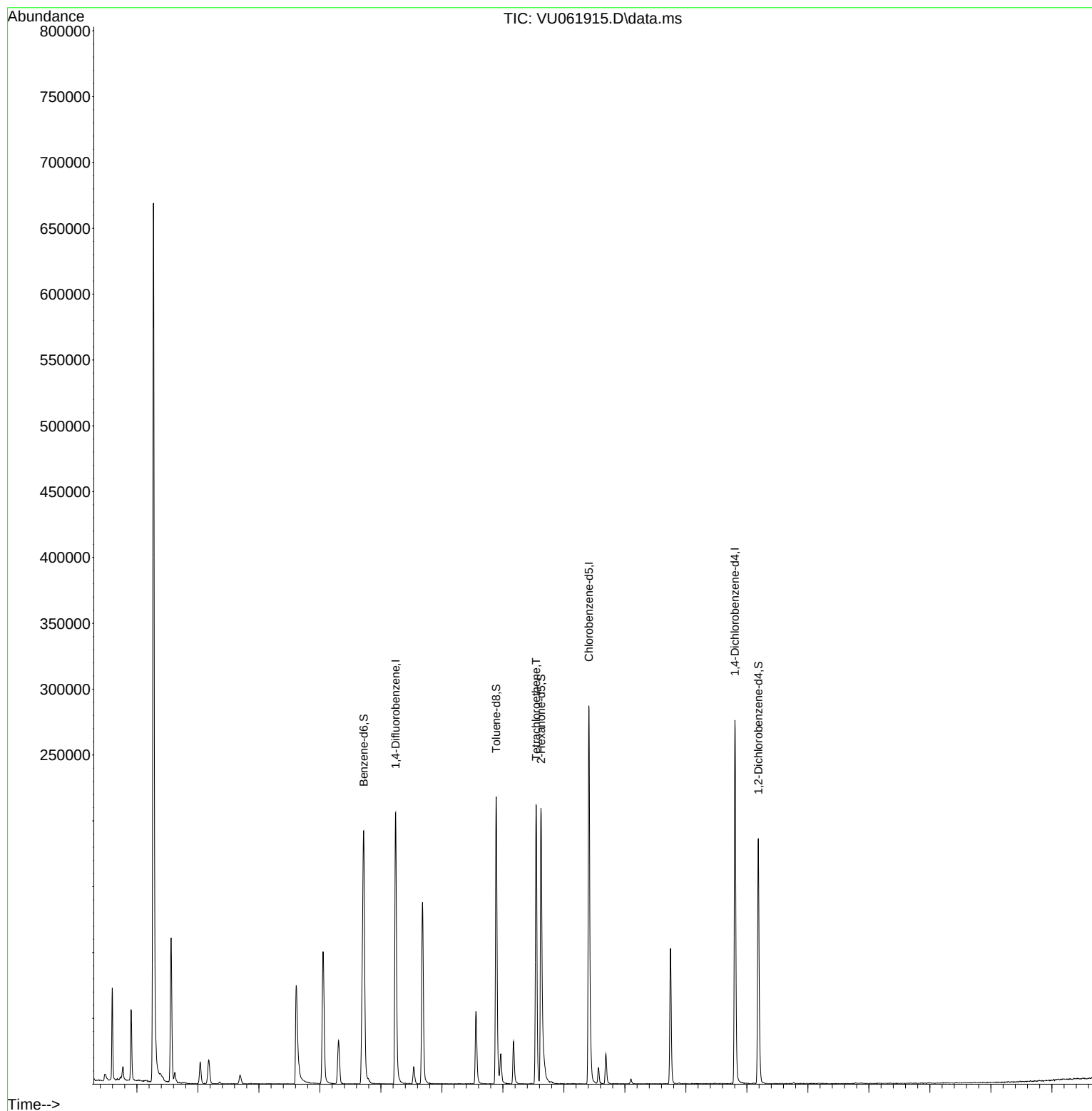
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	166657	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	159040	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	75661	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	47661	5.830	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 116.600%	
7) Chloroethane-d5	1.904	69	40407	5.588	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 111.800%	
11) 1,1-Dichloroethene-d2	2.560	65	20645	6.321	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 126.400%#	
20) 2-Butanone-d5	4.612	46	111933	43.603	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 87.200%	
24) Chloroform-d	5.052	84	96320	4.830	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 96.600%	
26) 1,2-Dichloroethane-d4	5.695	65	51493	5.017	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 100.400%	
32) Benzene-d6	5.718	84	182949	5.904	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 118.000%	
36) 1,2-Dichloropropane-d6	6.682	67	68476	6.504	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 130.000%	
41) Toluene-d8	7.891	98	149725	5.793	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 115.800%	
43) trans-1,3-Dichloroprop...	8.174	79	19699	5.054	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 101.000%	
46) 2-Hexanone-d5	8.624	63	71597	40.243	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 80.480%	
56) 1,1,2,2-Tetrachloroeth...	10.746	84	53356	5.071	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 101.400%	
66) 1,2-Dichlorobenzene-d4	12.187	152	50243	4.491	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 89.800%	
Target Compounds					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	3365	0.280	ug/L	96
16) Methylene chloride	3.036	84	8062	0.601	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	23449	1.279	ug/L	99
34) Trichloroethene	6.538	95	4841	0.378	ug/L	95
42) Toluene	7.965	91	17915	0.355	ug/L	98
47) Tetrachloroethene	8.544	164	45226	4.851	ug/L	97
51) Chlorobenzene	9.441	112	8568	0.248	ug/L	96
52) Ethylbenzene	9.566	91	9404	0.156	ug/L	99
53) m,p-Xylene	9.689	106	6702	0.315	ug/L	94
67) 1,2-Dichlorobenzene	12.206	146	6428	0.282	ug/L	95

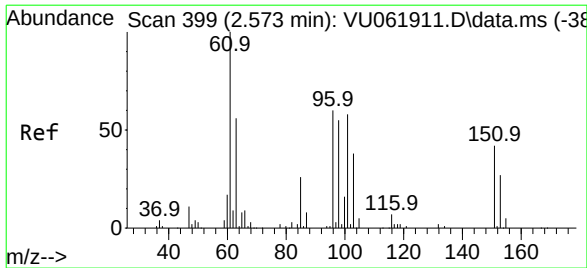
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration

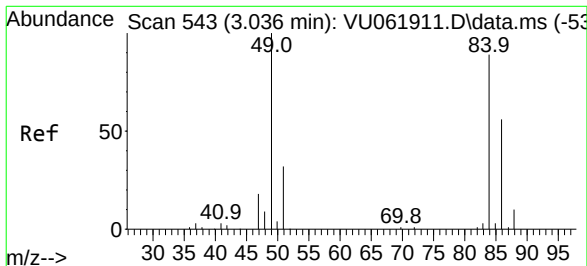
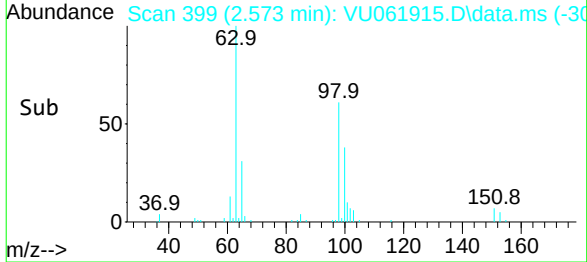
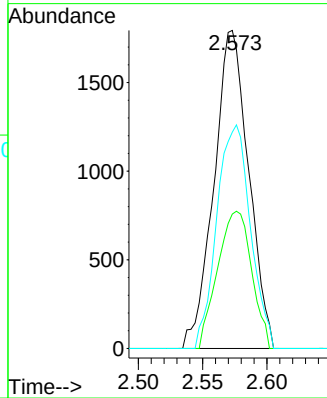
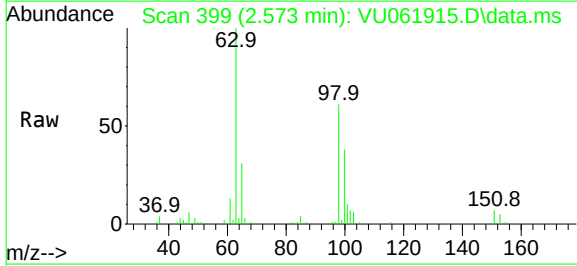




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.280 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU061915.D
Acq: 21 Nov 2024 14:09

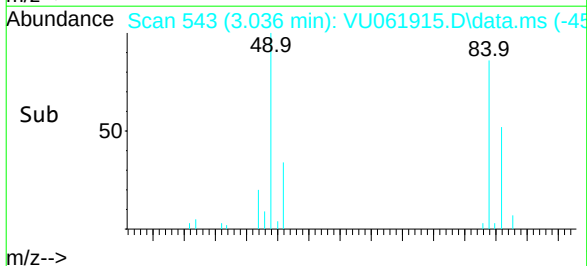
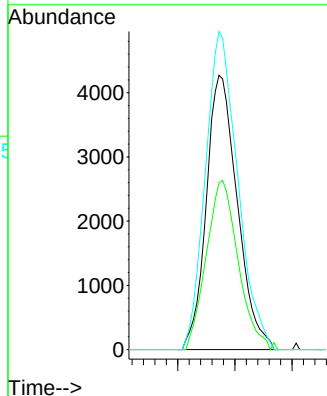
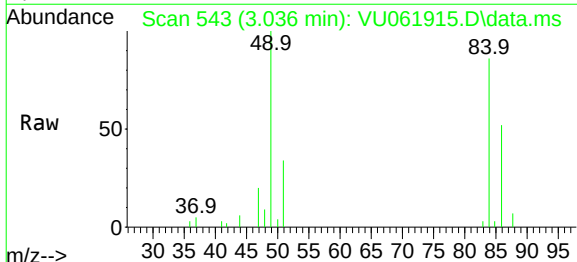
Instrument :
MSVOA_U
ClientSampleId :
BG3Q4DL

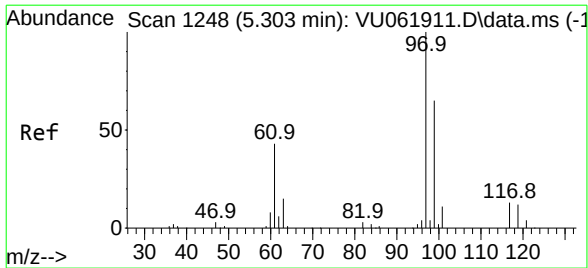
Tgt Ion:	101	Resp:	3365
Ion	Ratio	Lower	Upper
101	100		
85	42.3	38.0	57.0
151	68.1	55.3	82.9



#16
Methylene chloride
Concen: 0.601 ug/L
RT: 3.036 min Scan# 543
Delta R.T. 0.000 min
Lab File: VU061915.D
Acq: 21 Nov 2024 14:09

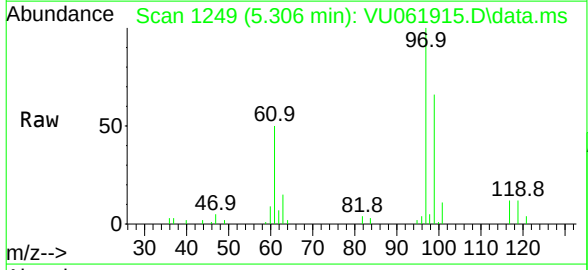
Tgt Ion:	84	Resp:	8062
Ion	Ratio	Lower	Upper
84	100		
86	60.7	43.5	80.7
49	115.9	81.9	152.1



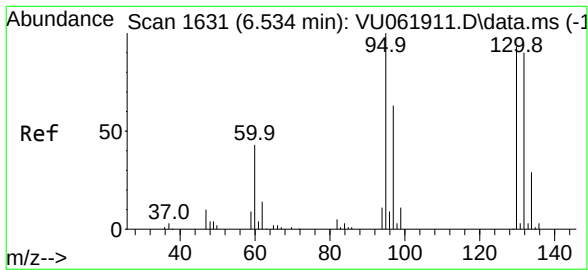
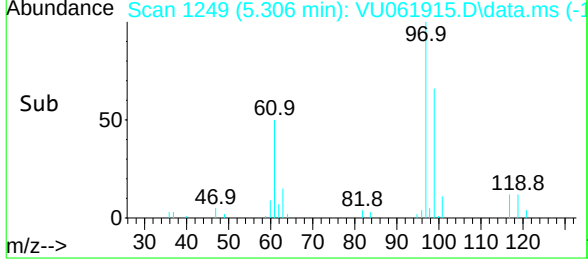
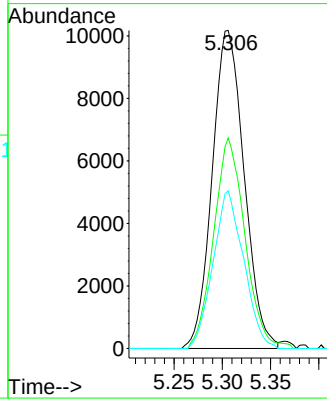


#29
 1,1,1-Trichloroethane
 Concen: 1.279 ug/L
 RT: 5.306 min Scan# 1249
 Delta R.T. 0.003 min
 Lab File: VU061915.D
 Acq: 21 Nov 2024 14:09

Instrument :
 MSVOA_U
 ClientSampleId :
 BG3Q4DL

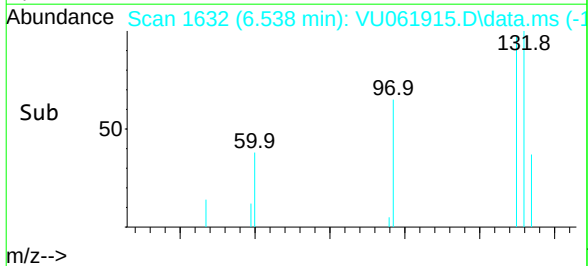
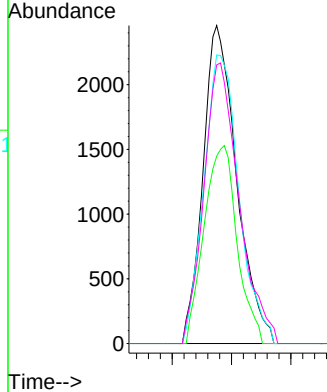
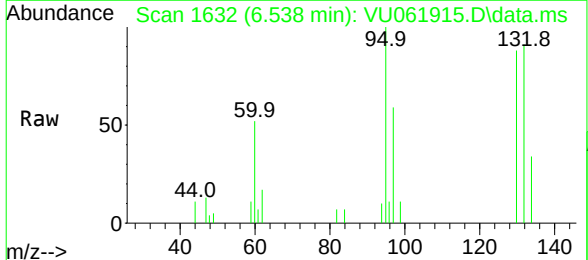


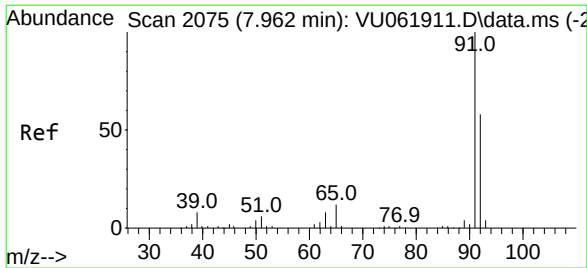
Tgt Ion:	97	Resp:	23449
Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.4	77.2
61	47.5	37.8	56.6



#34
 Trichloroethene
 Concen: 0.378 ug/L
 RT: 6.538 min Scan# 1632
 Delta R.T. 0.003 min
 Lab File: VU061915.D
 Acq: 21 Nov 2024 14:09

Tgt Ion:	95	Resp:	4841
Ion	Ratio	Lower	Upper
95	100		
97	58.9	45.9	85.3
132	90.8	63.8	118.4
130	87.6	65.5	121.7





#42

Toluene

Concen: 0.355 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU061915.D

Acq: 21 Nov 2024 14:09

Instrument :

MSVOA_U

ClientSampleId :

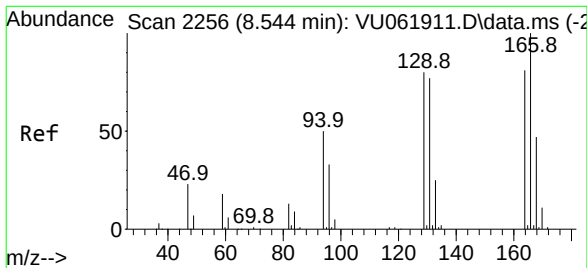
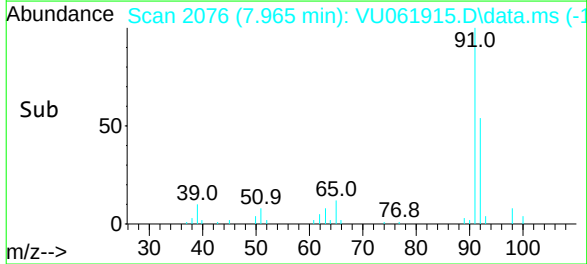
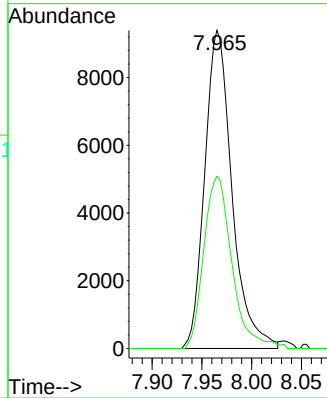
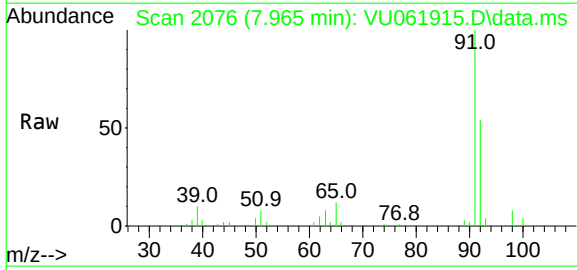
BG3Q4DL

Tgt Ion: 91 Resp: 17915

Ion Ratio Lower Upper

91 100

92 54.1 39.0 72.4



#47

Tetrachloroethene

Concen: 4.851 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. 0.000 min

Lab File: VU061915.D

Acq: 21 Nov 2024 14:09

Tgt Ion: 164 Resp: 45226

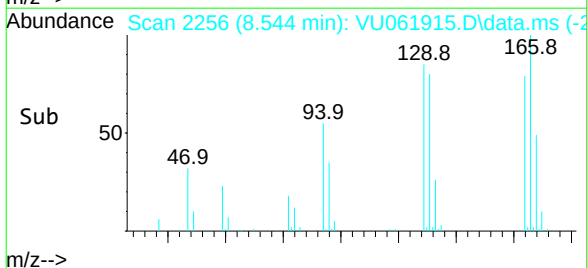
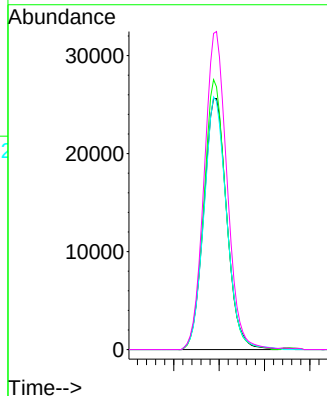
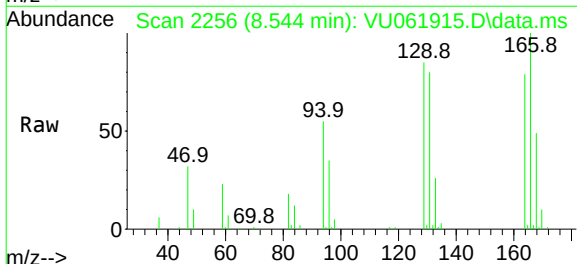
Ion Ratio Lower Upper

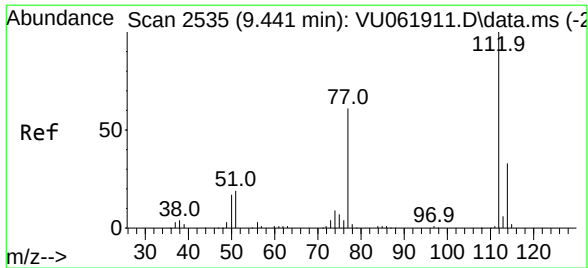
164 100

129 107.6 73.2 136.0

131 100.7 72.3 134.3

166 126.0 90.2 167.4

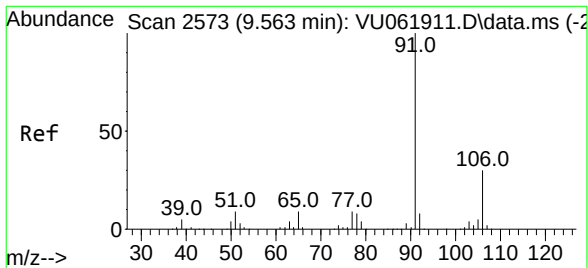
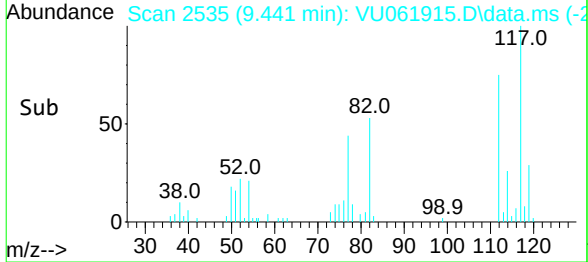
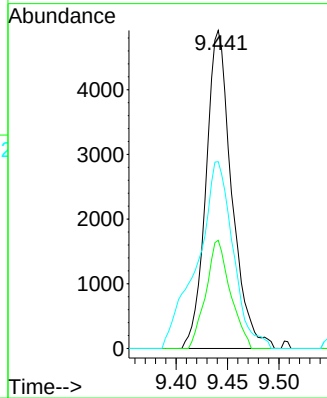
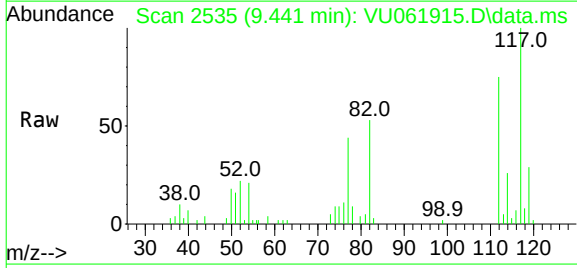




#51
Chlorobenzene
Concen: 0.248 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU061915.D
Acq: 21 Nov 2024 14:09

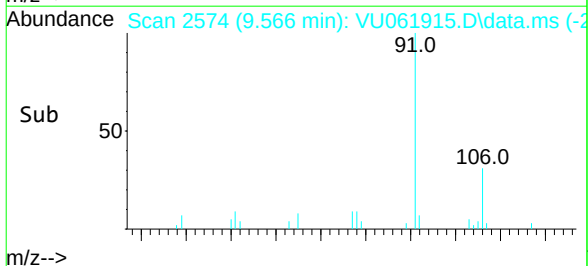
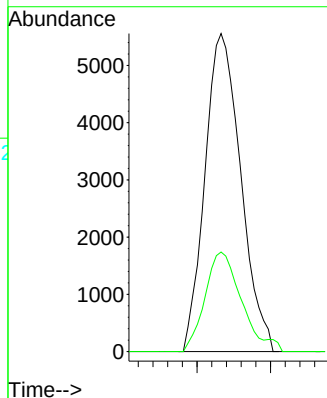
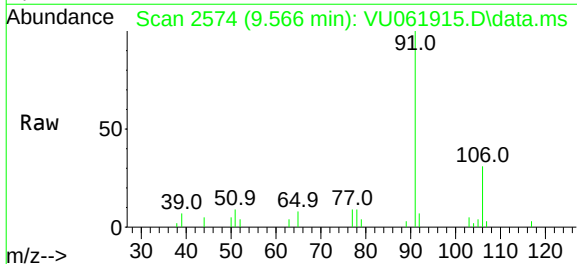
Instrument :
MSVOA_U
ClientSampleId :
BG3Q4DL

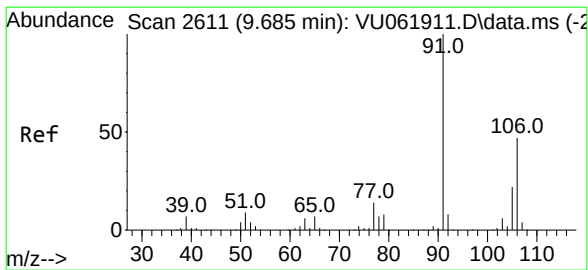
Tgt Ion:	112	Resp:	8568
Ion	Ratio	Lower	Upper
112	100		
114	34.0	23.0	42.6
77	58.7	50.5	75.7



#52
Ethylbenzene
Concen: 0.156 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. 0.003 min
Lab File: VU061915.D
Acq: 21 Nov 2024 14:09

Tgt Ion:	91	Resp:	9404
Ion	Ratio	Lower	Upper
91	100		
106	31.3	21.6	40.0



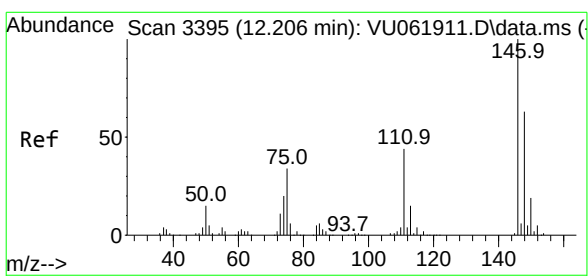
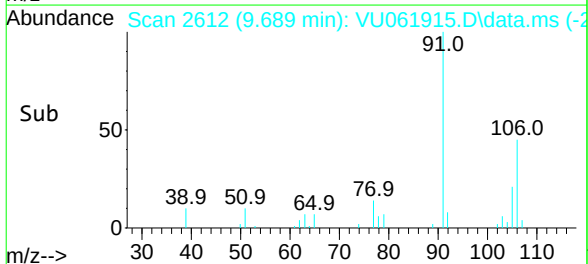
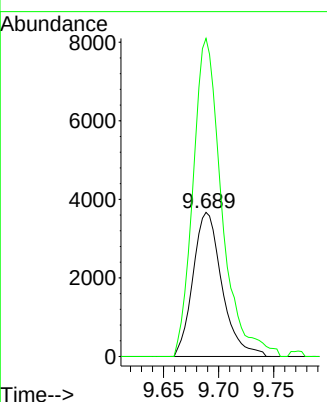
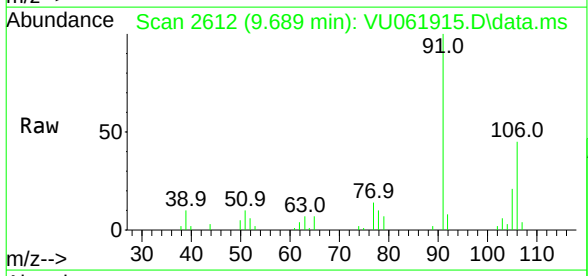


#53
m,p-Xylene
Concen: 0.315 ug/L
RT: 9.689 min Scan# 2611
Delta R.T. 0.003 min
Lab File: VU061915.D
Acq: 21 Nov 2024 14:09

Instrument :
MSVOA_U
ClientSampleId :
BG3Q4DL

Tgt Ion:106 Resp: 6702

Ion	Ratio	Lower	Upper
106	100		
91	220.7	147.6	274.0



#67
1,2-Dichlorobenzene
Concen: 0.282 ug/L
RT: 12.206 min Scan# 3395
Delta R.T. 0.000 min
Lab File: VU061915.D
Acq: 21 Nov 2024 14:09

Tgt Ion:146 Resp: 6428

Ion	Ratio	Lower	Upper
146	100		
111	48.7	36.0	54.0
148	62.2	52.3	78.5

