

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112024\
 Data File : VU061881.D
 Acq On : 20 Nov 2024 21:25
 Operator : MD/SY
 Sample : P4885-06DL 10X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG3Q2DL

Quant Time: Nov 21 01:34:18 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)

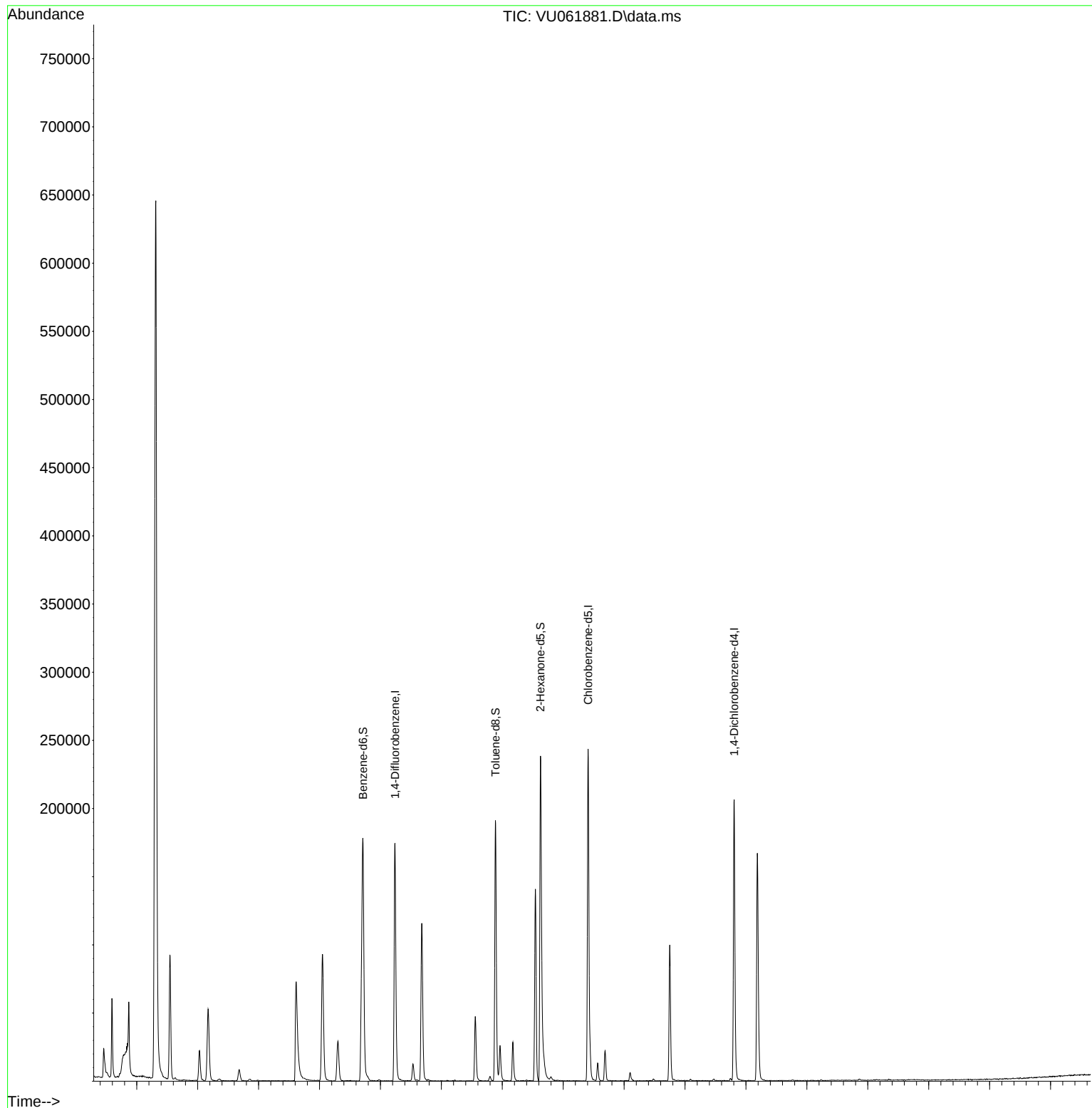
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	141531	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	130779	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	55632	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	43546	6.273	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 125.400%	
7) Chloroethane-d5	1.872	69	27847	4.534	ug/L	-0.04
Spiked Amount	5.000	Range	65 - 130	Recovery	= 90.600%	
11) 1,1-Dichloroethene-d2	2.544	65	16811	6.061	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	= 121.200%	
20) 2-Butanone-d5	4.615	46	113405	52.019	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 104.040%	
24) Chloroform-d	5.049	84	87820	5.185	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 103.800%	
26) 1,2-Dichloroethane-d4	5.689	65	48923	5.613	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 112.200%	
32) Benzene-d6	5.714	84	165373	6.490	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 129.800%#	
36) 1,2-Dichloropropane-d6	6.679	67	56131	6.483	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 129.600%	
41) Toluene-d8	7.888	98	129530	6.095	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 121.800%	
43) trans-1,3-Dichloroprop...	8.174	79	16192	5.052	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 101.000%	
46) 2-Hexanone-d5	8.627	63	88230	60.308	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 120.620%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	50742	5.865	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 117.400%	
66) 1,2-Dichlorobenzene-d4	12.187	152	45577	5.541	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 110.800%	
Target Compounds						Qvalue
16) Methylene chloride	3.030	84	10992	0.964	ug/L	99
29) 1,1,1-Trichloroethane	5.303	97	21565	1.431	ug/L	98
34) Trichloroethene	6.537	95	4340	0.412	ug/L	92
42) Toluene	7.965	91	19346	0.467	ug/L	99
47) Tetrachloroethene	8.544	164	30003	3.914	ug/L	93
51) Chlorobenzene	9.441	112	9983	0.352	ug/L	97
52) Ethylbenzene	9.566	91	9916	0.200	ug/L	98
53) m,p-Xylene	9.688	106	6946	0.397	ug/L	95
54) o-Xylene	10.097	106	1804	0.102	ug/L	81
67) 1,2-Dichlorobenzene	12.206	146	8301	0.496	ug/L	95

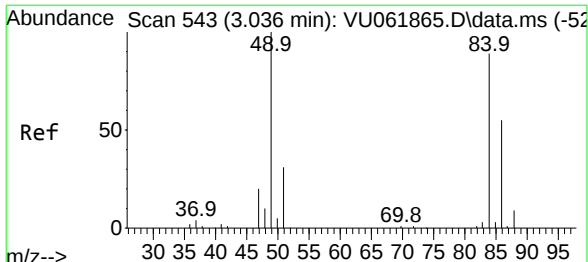
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 21 01:18:14 2024
Response via : Initial Calibration

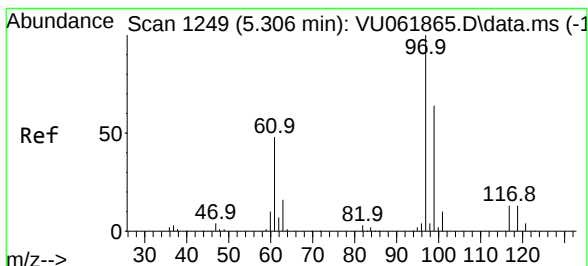
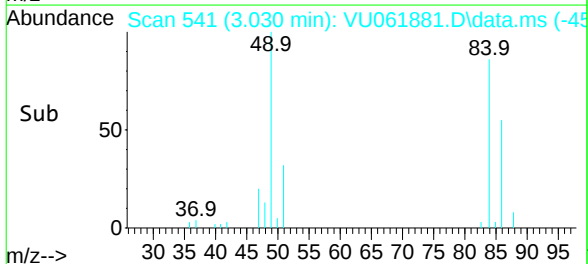
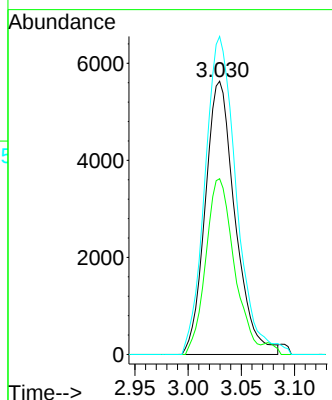
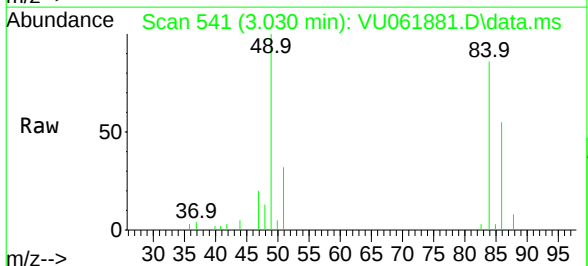




#16
Methylene chloride
Concen: 0.964 ug/L
RT: 3.030 min Scan# 54
Delta R.T. -0.006 min
Lab File: VU061881.D
Acq: 20 Nov 2024 21:25

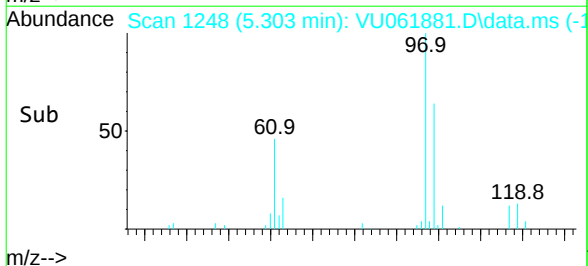
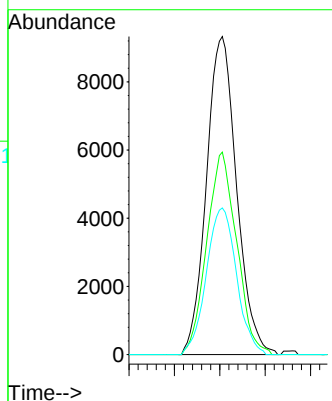
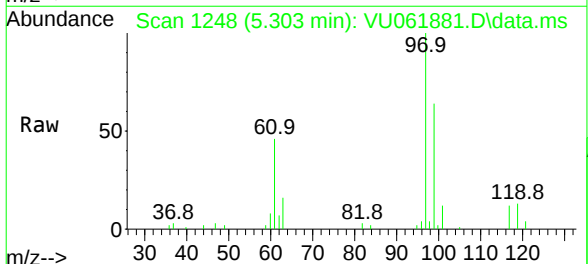
Instrument :
MSVOA_U
ClientSampleId :
BG3Q2DL

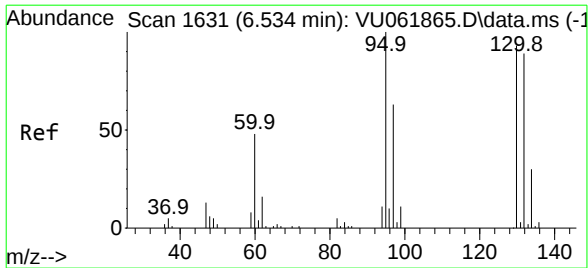
Tgt Ion:	84	Resp:	10992
Ion	Ratio	Lower	Upper
84	100		
86	64.3	43.5	80.7
49	116.4	81.9	152.1



#29
1,1,1-Trichloroethane
Concen: 1.431 ug/L
RT: 5.303 min Scan# 1248
Delta R.T. -0.003 min
Lab File: VU061881.D
Acq: 20 Nov 2024 21:25

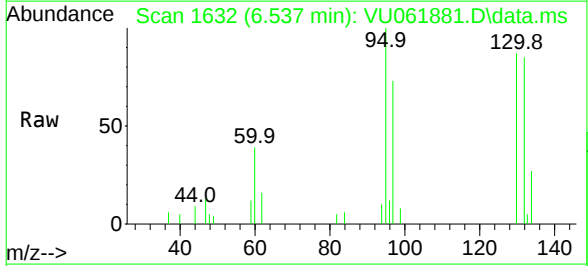
Tgt Ion:	97	Resp:	21565
Ion	Ratio	Lower	Upper
97	100		
99	62.9	51.4	77.2
61	46.0	37.8	56.6



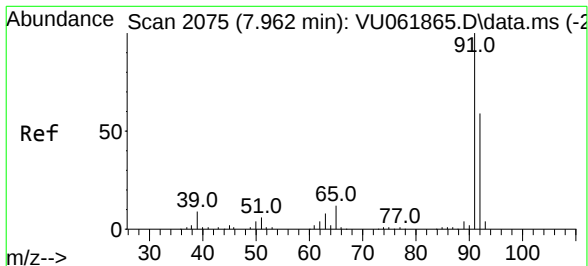
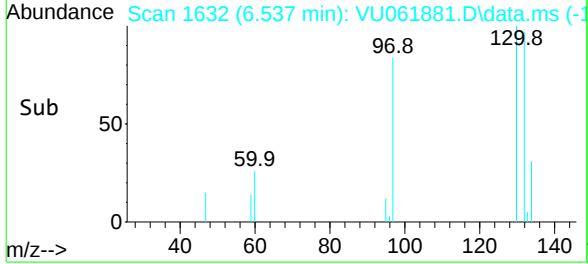
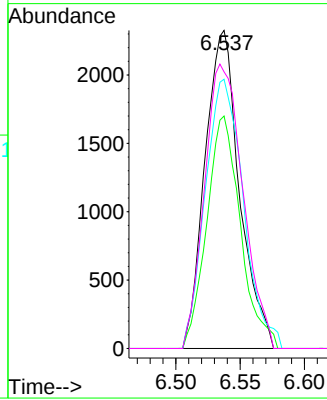


#34
Trichloroethene
Concen: 0.412 ug/L
RT: 6.537 min Scan# 1631
Delta R.T. 0.003 min
Lab File: VU061881.D
Acq: 20 Nov 2024 21:25

Instrument :
MSVOA_U
ClientSampleId :
BG3Q2DL

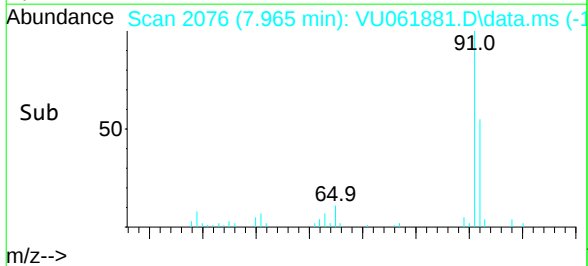
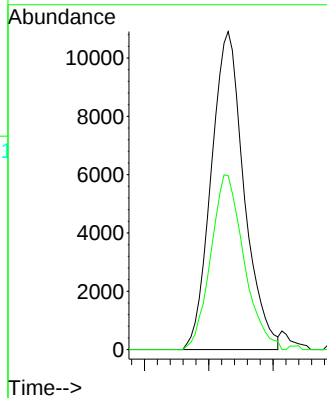
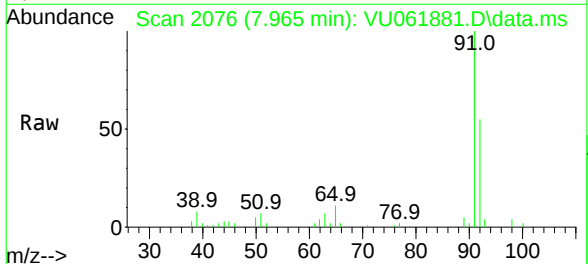


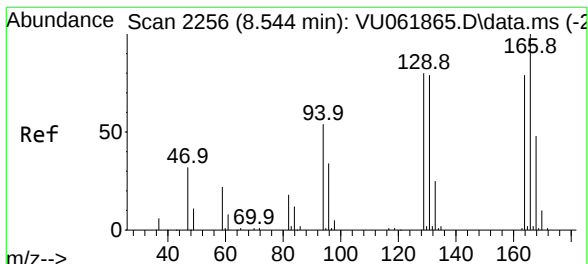
Tgt Ion: 95 Resp: 4340
Ion Ratio Lower Upper
95 100
97 73.1 45.9 85.3
132 84.7 63.8 118.4
130 87.0 65.5 121.7



#42
Toluene
Concen: 0.467 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VU061881.D
Acq: 20 Nov 2024 21:25

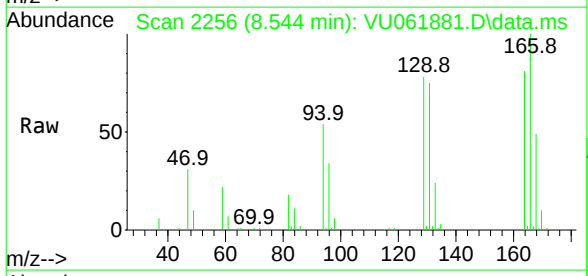
Tgt Ion: 91 Resp: 19346
Ion Ratio Lower Upper
91 100
92 54.7 39.0 72.4



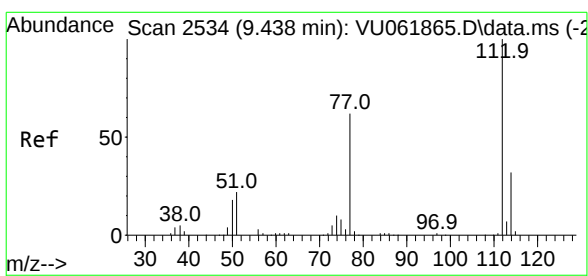
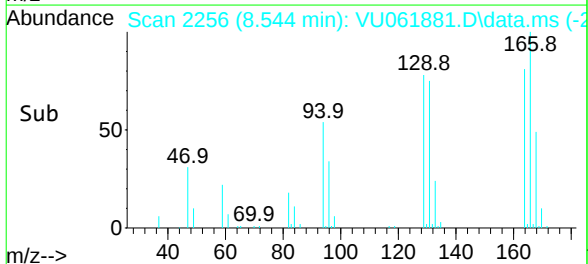
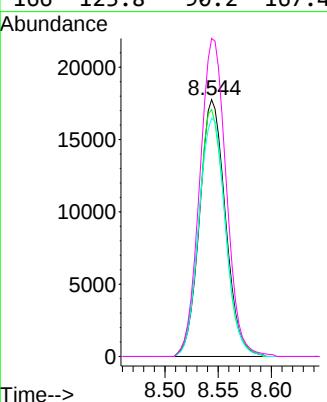


#47
Tetrachloroethene
Concen: 3.914 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.000 min
Lab File: VU061881.D
Acq: 20 Nov 2024 21:25

Instrument :
MSVOA_U
ClientSampleId :
BG3Q2DL

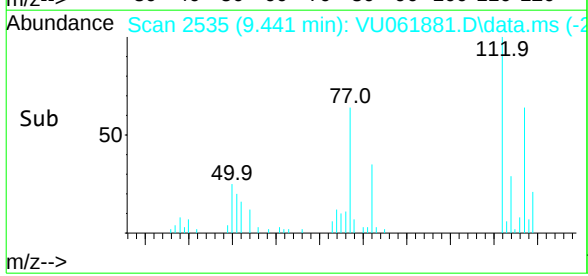
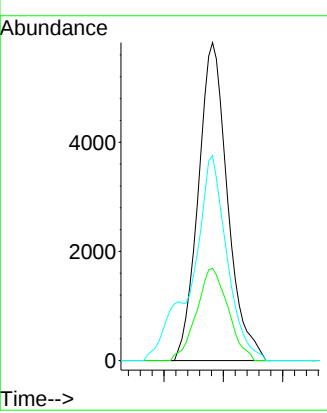
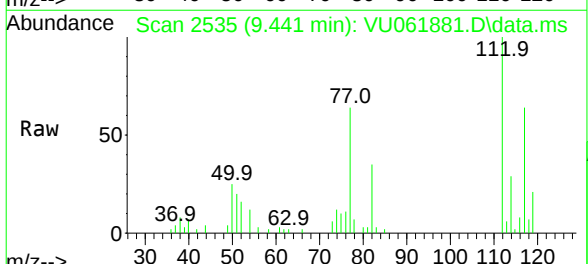


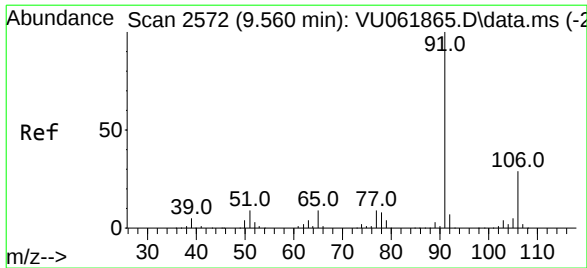
Tgt Ion:	164	Resp:	30003
Ion	Ratio	Lower	Upper
164	100		
129	96.2	73.2	136.0
131	92.7	72.3	134.3
166	123.8	90.2	167.4



#51
Chlorobenzene
Concen: 0.352 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.003 min
Lab File: VU061881.D
Acq: 20 Nov 2024 21:25

Tgt Ion:	112	Resp:	9983
Ion	Ratio	Lower	Upper
112	100		
114	29.0	23.0	42.6
77	64.4	50.5	75.7

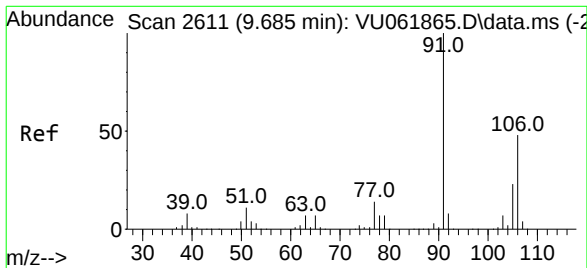
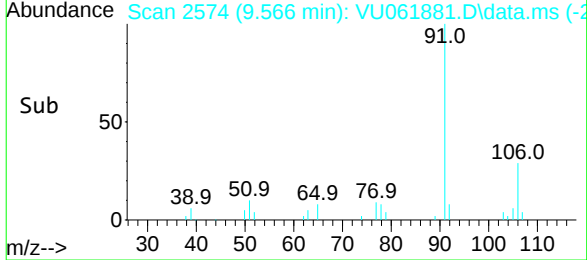
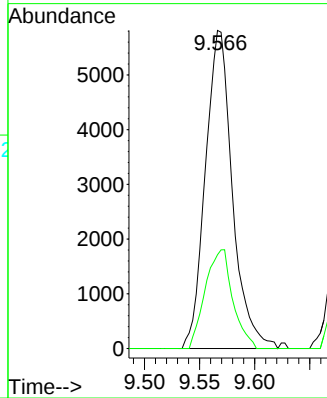
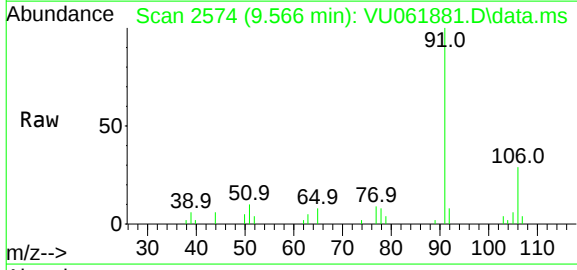




#52
Ethylbenzene
Concen: 0.200 ug/L
RT: 9.566 min Scan# 2572
Delta R.T. 0.007 min
Lab File: VU061881.D
Acq: 20 Nov 2024 21:25

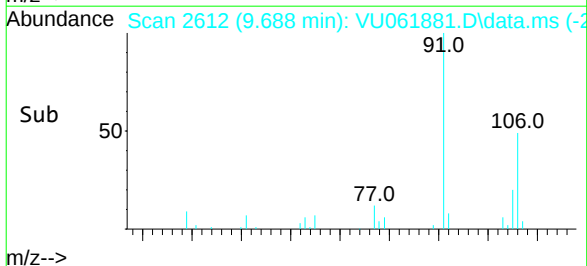
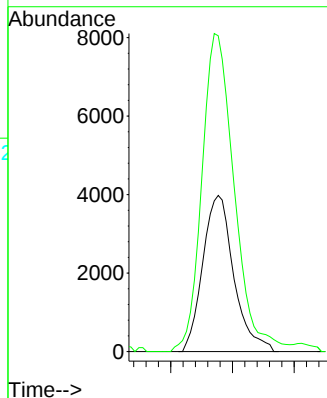
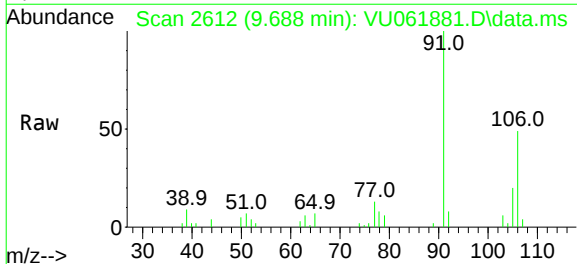
Instrument :
MSVOA_U
ClientSampleId :
BG3Q2DL

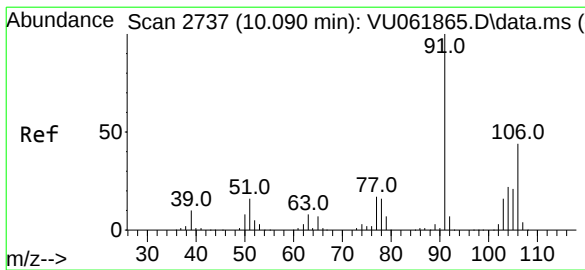
Tgt Ion: 91 Resp: 9916
Ion Ratio Lower Upper
91 100
106 29.5 21.6 40.0



#53
m,p-Xylene
Concen: 0.397 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.003 min
Lab File: VU061881.D
Acq: 20 Nov 2024 21:25

Tgt Ion: 106 Resp: 6946
Ion Ratio Lower Upper
106 100
91 202.2 147.6 274.0





#54

o-Xylene

Concen: 0.102 ug/L

RT: 10.097 min Scan# 2739

Delta R.T. 0.007 min

Lab File: VU061881.D

Acq: 20 Nov 2024 21:25

Instrument :

MSVOA_U

ClientSampleId :

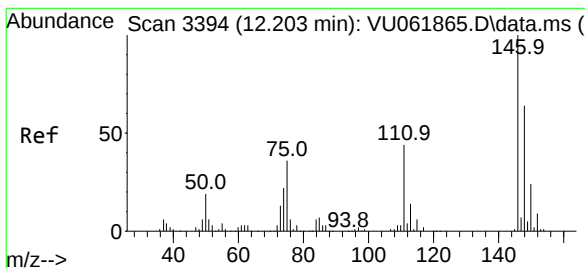
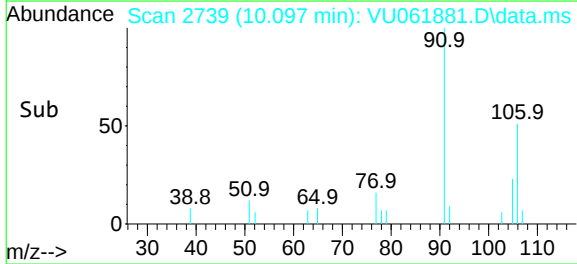
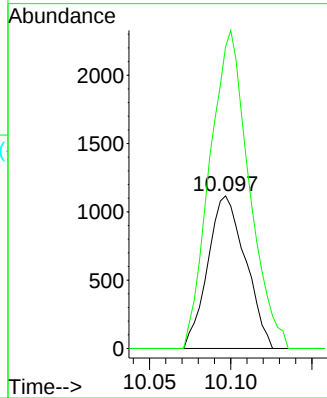
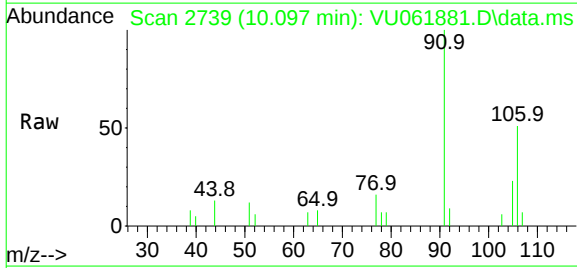
BG3Q2DL

Tgt Ion:106 Resp: 1804

Ion Ratio Lower Upper

106 100

91 197.8 159.8 296.8



#67

1,2-Dichlorobenzene

Concen: 0.496 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.003 min

Lab File: VU061881.D

Acq: 20 Nov 2024 21:25

Tgt Ion:146 Resp: 8301

Ion Ratio Lower Upper

146 100

111 47.1 36.0 54.0

148 60.1 52.3 78.5

