

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 :

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	
10) 1,1,2-Trichloro-1,2,2-...	2.554	101	3062	0.344	ug/L #	85
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
31) Carbon tetrachloride	5.303	117	2213	0.200	ug/L	95
34) Trichloroethene	6.534	95	6408	0.703	ug/L	93
35) Methylcyclohexane	6.679	83	12686	0.910	ug/L #	19
37) 1,2-Dichloropropane	6.676	63	5633	0.635	ug/L #	87
42) Toluene	7.965	91	13211	0.369	ug/L	100
47) Tetrachloroethene	8.544	164	35257	5.321	ug/L	96
49) Dibromochloromethane	8.544	129	35712	5.174	ug/L #	13
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
57) 1,1,2,2-Tetrachloroethane	10.778	83	815	0.097	ug/L #	91
60) Isopropylbenzene	9.688	105	2517	0.065	ug/L #	30
61) 1,2,3-Trichloropropane	11.807	75	7019	1.226	ug/L #	65
67) 1,2-Dichlorobenzene	12.209	146	5523	0.370	ug/L	96

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

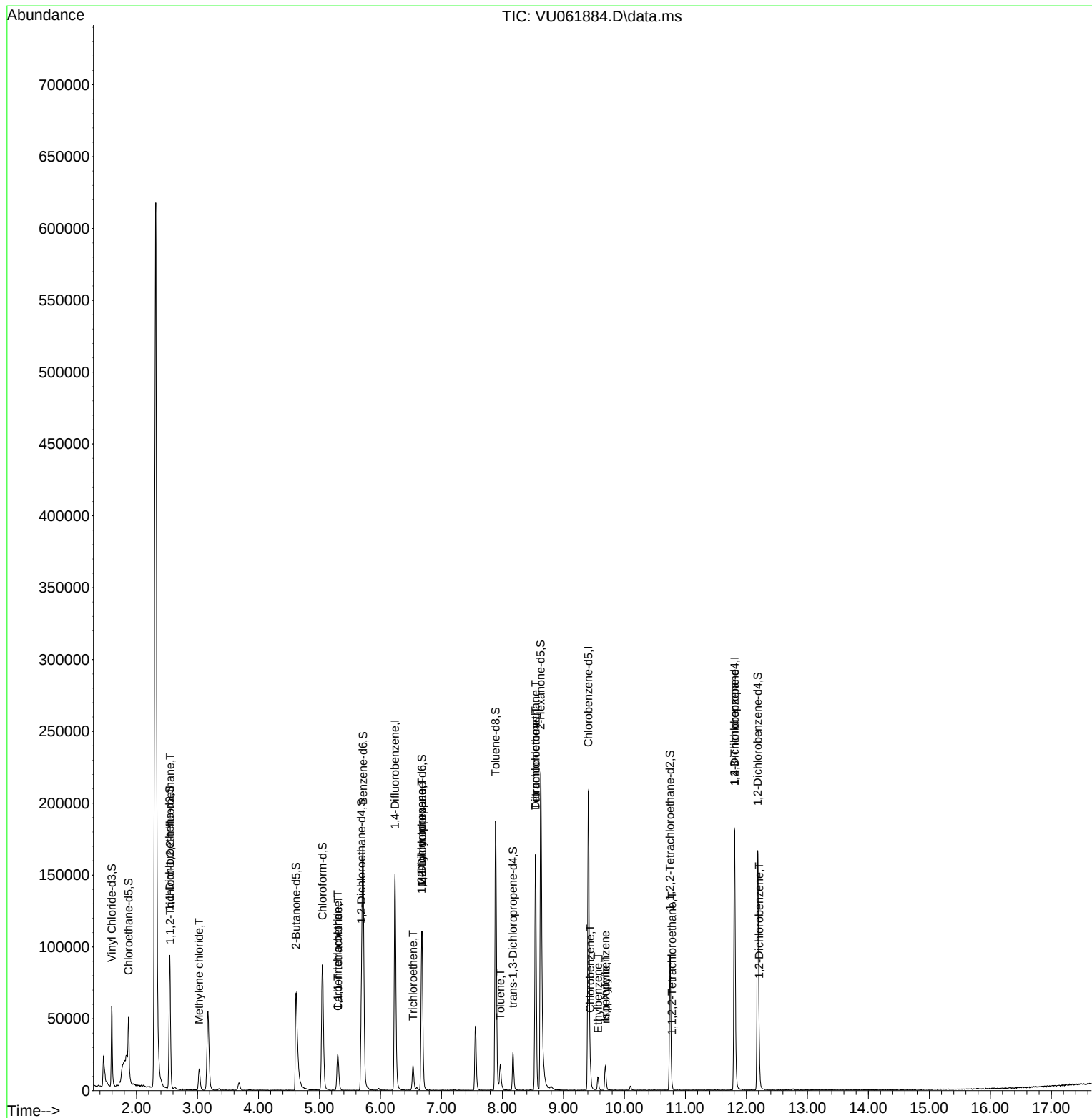
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

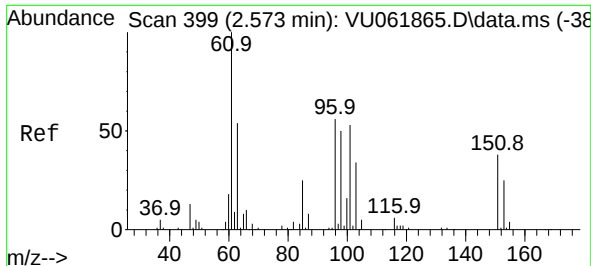
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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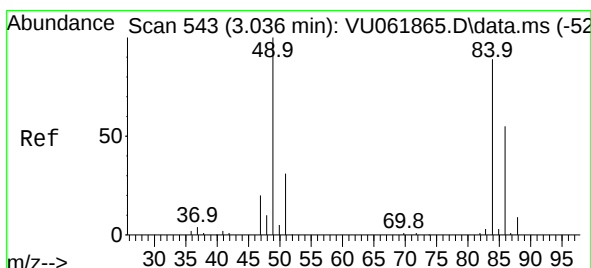
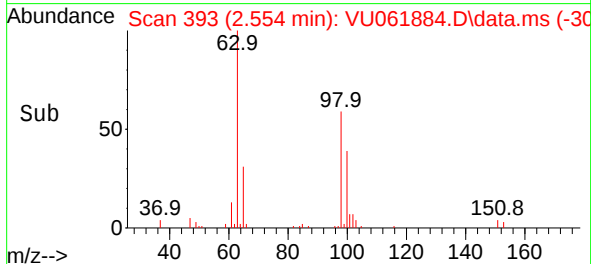
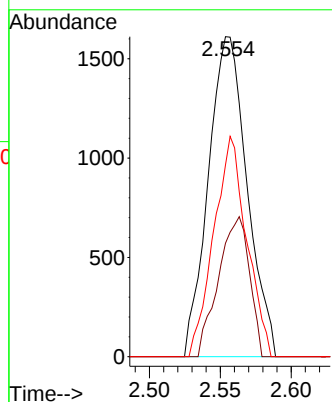
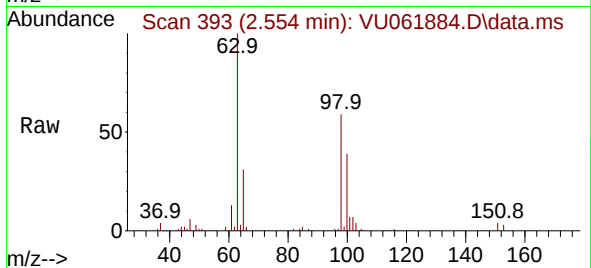




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.344 ug/L
RT: 2.554 min Scan# 30
Delta R.T. -0.019 min
Lab File: VU061884.D
Acq: 20 Nov 2024 22:39

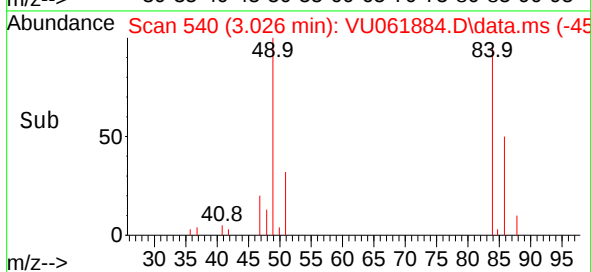
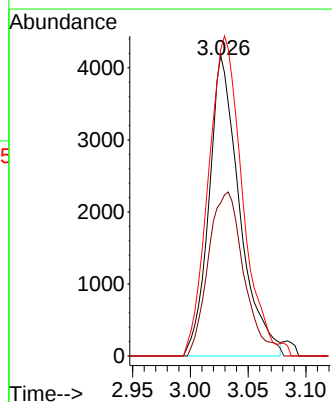
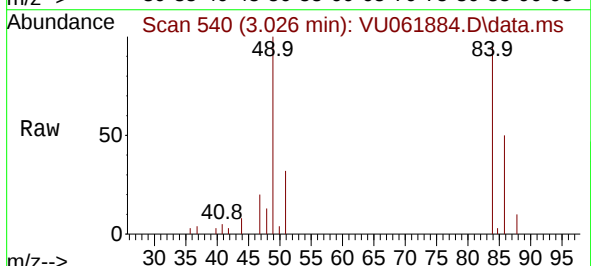
Instrument :
MSVOA_U
ClientSampleId :

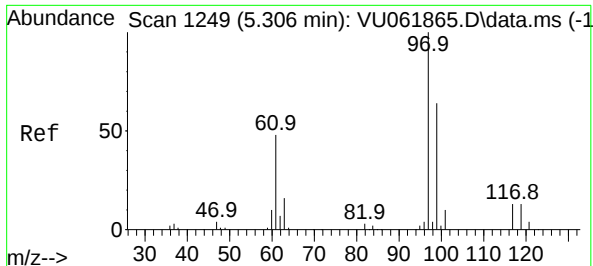
Tgt Ion:101 Resp: 3062
Ion Ratio Lower Upper
101 100
85 34.9 38.0 57.0#
151 58.5 55.3 82.9



#16
Methylene chloride
Concen: 0.772 ug/L
RT: 3.026 min Scan# 540
Delta R.T. -0.010 min
Lab File: VU061884.D
Acq: 20 Nov 2024 22:39

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

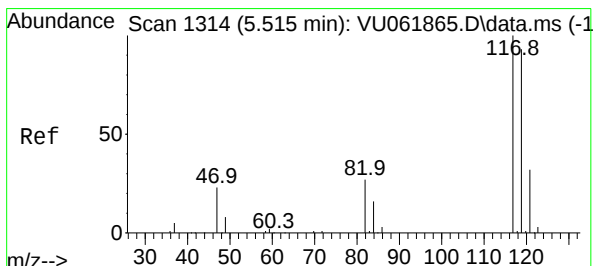
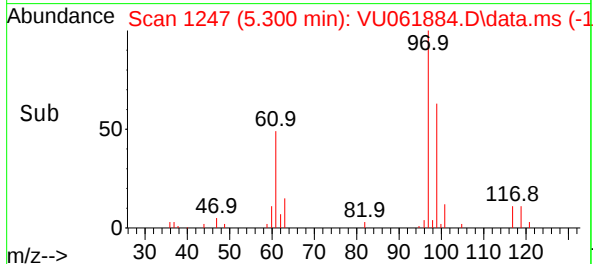
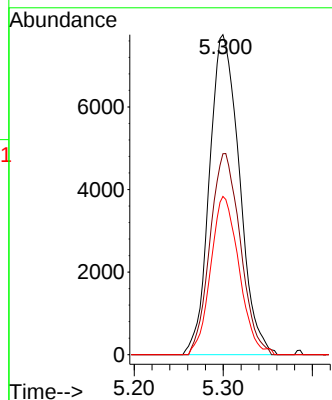
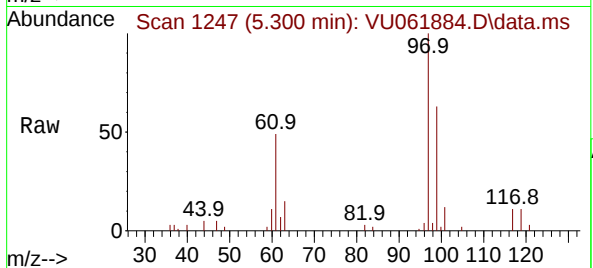




#29
1,1,1-Trichloroethane
Concen: 1.387 ug/L
RT: 5.300 min Scan# 1249
Delta R.T. -0.006 min
Lab File: VU061884.D
Acq: 20 Nov 2024 22:39

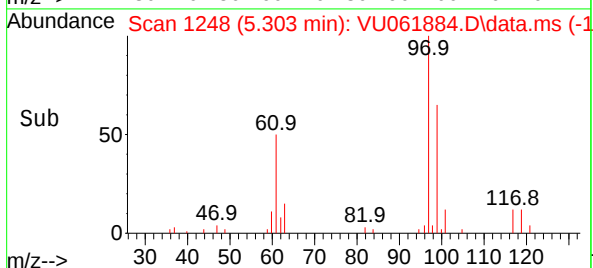
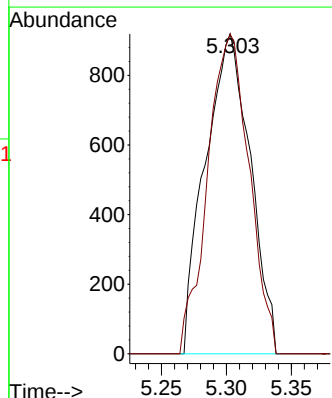
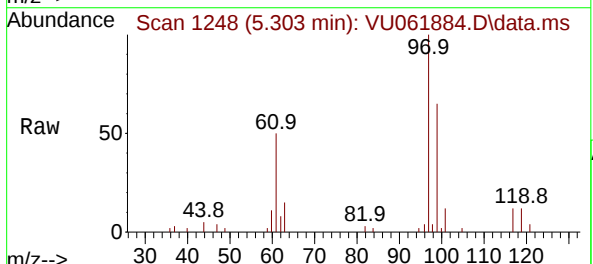
Instrument :
MSVOA_U
ClientSampleId :

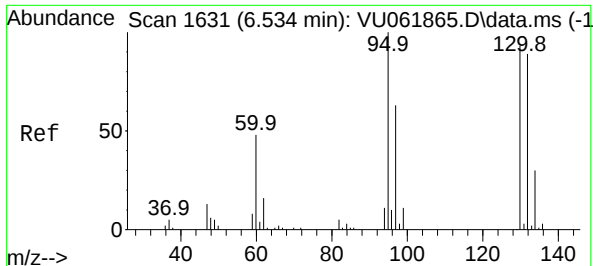
Tgt Ion: 97 Resp: 18075
Ion Ratio Lower Upper
97 100
99 63.6 51.4 77.2
61 47.0 37.8 56.6



#31
Carbon tetrachloride
Concen: 0.200 ug/L
RT: 5.303 min Scan# 1248
Delta R.T. -0.212 min
Lab File: VU061884.D
Acq: 20 Nov 2024 22:39

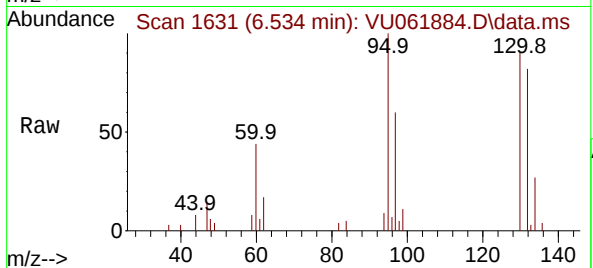
Tgt Ion: 117 Resp: 2213
Ion Ratio Lower Upper
117 100
119 92.2 77.5 116.3





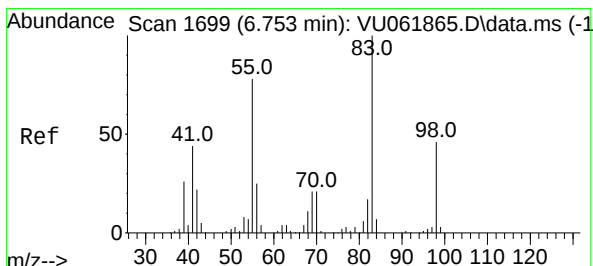
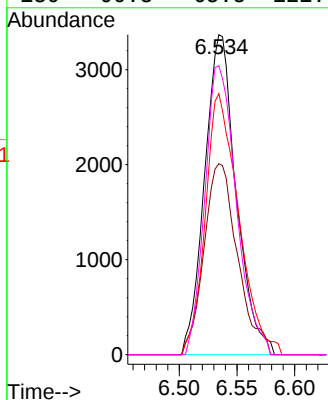
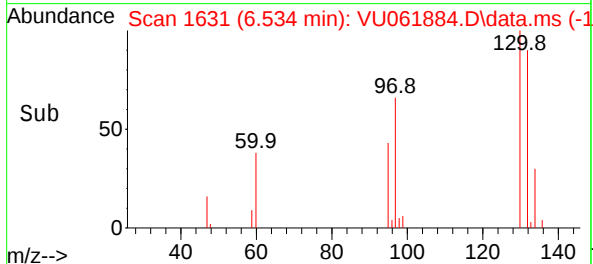
#34
Trichloroethene
Concen: 0.703 ug/L
RT: 6.534 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU061884.D
Acq: 20 Nov 2024 22:39

Instrument :
MSVOA_U
ClientSampleId :

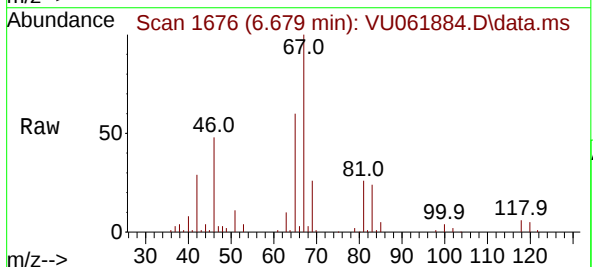


Tgt Ion: 95 Resp: 6408

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

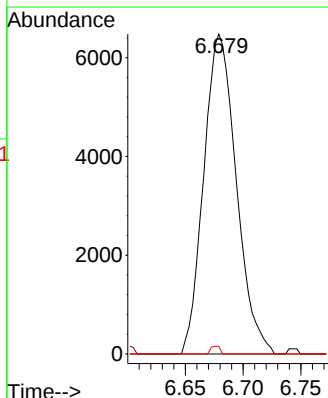
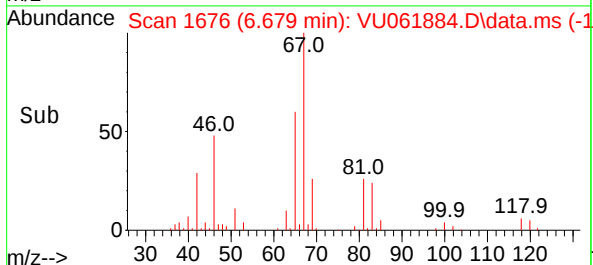


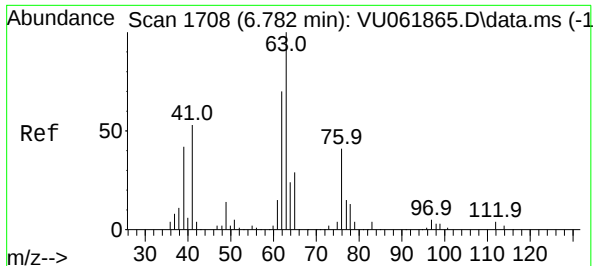
#35
Methylcyclohexane
Concen: 0.910 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.074 min
Lab File: VU061884.D
Acq: 20 Nov 2024 22:39



Tgt Ion: 83 Resp: 12686

Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.7	91.1#
98	0.7	34.8	52.2#

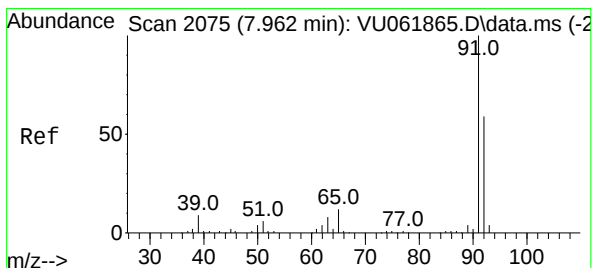
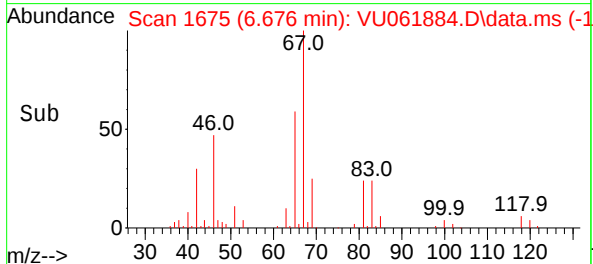
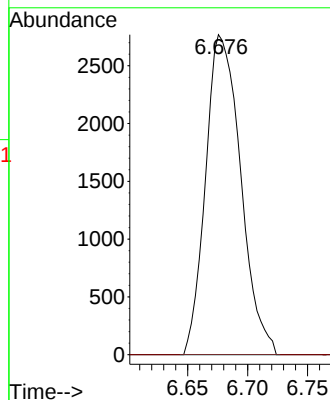
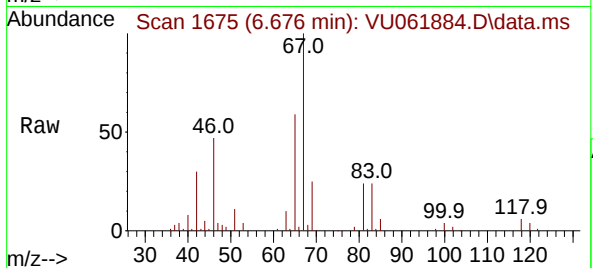




#37
1,2-Dichloropropane
Concen: 0.635 ug/L
RT: 6.676 min Scan# 1
Delta R.T. -0.106 min
Lab File: VU061884.D
Acq: 20 Nov 2024 22:39

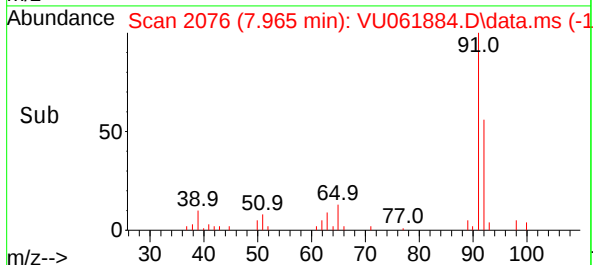
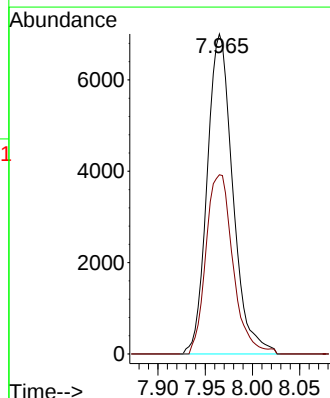
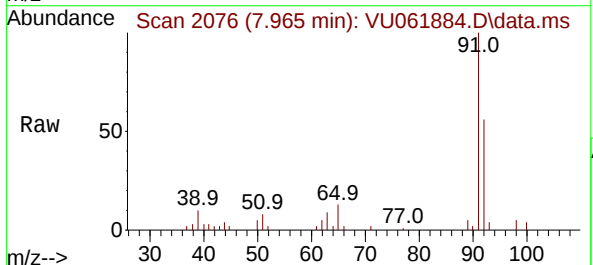
Instrument :
MSVOA_U
ClientSampleId :

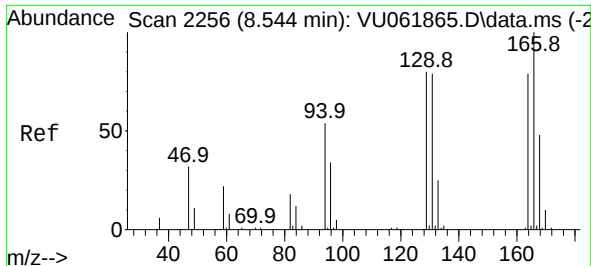
Tgt Ion: 63 Resp: 5633
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#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

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:164 Resp: 35257

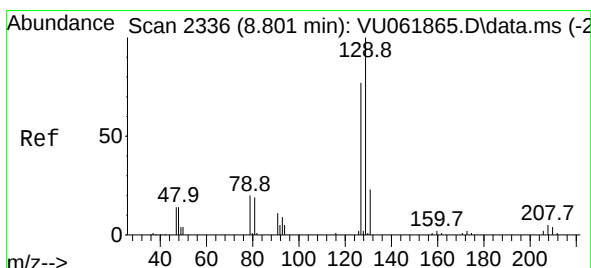
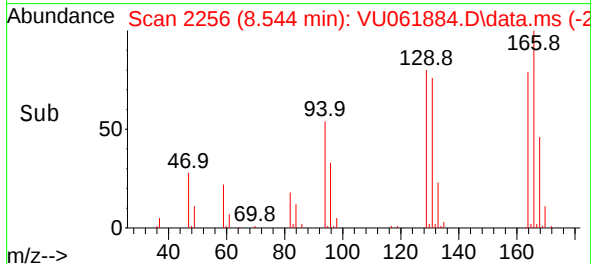
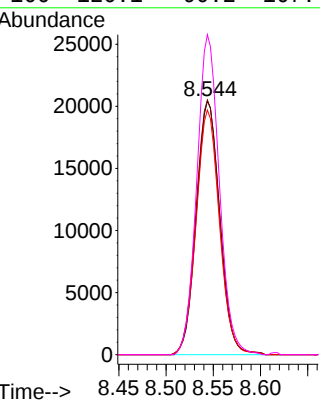
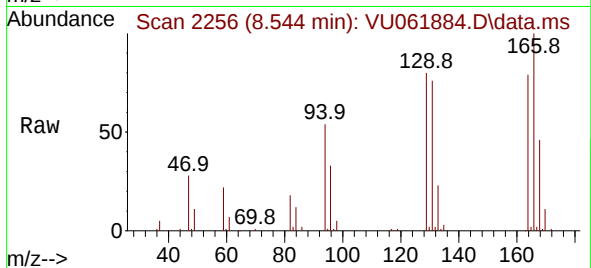
Ion Ratio Lower Upper

164 100

129 100.4 73.2 136.0

131 96.4 72.3 134.3

166 126.1 90.2 167.4



#49

Dibromochloromethane

Concen: 5.174 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. -0.257 min

Lab File: VU061884.D

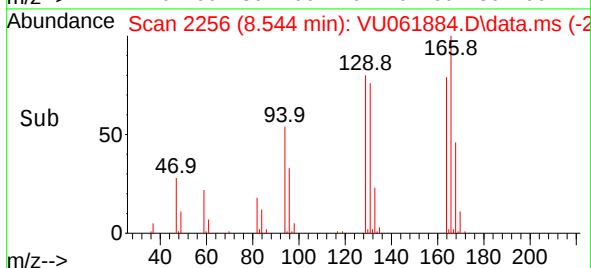
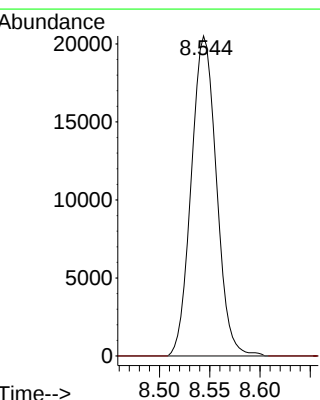
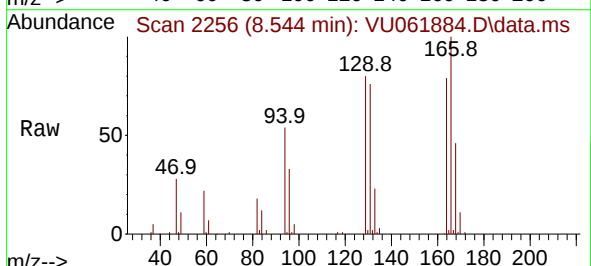
Acq: 20 Nov 2024 22:39

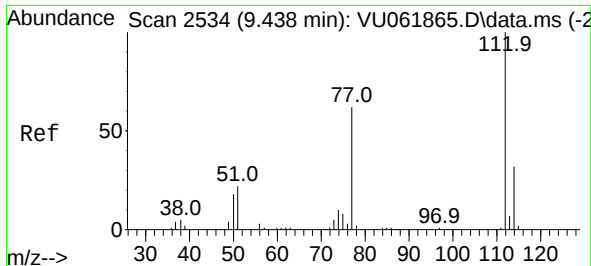
Tgt Ion:129 Resp: 35712

Ion Ratio Lower Upper

129 100

127 0.0 51.1 94.9#





#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

Instrument :

MSVOA_U

ClientSampleId :

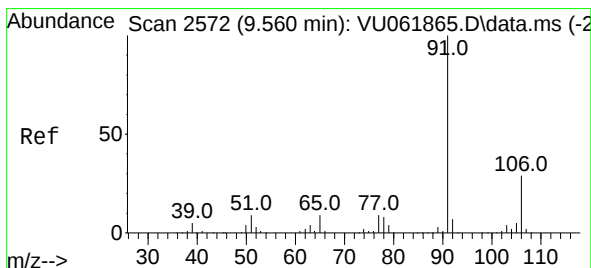
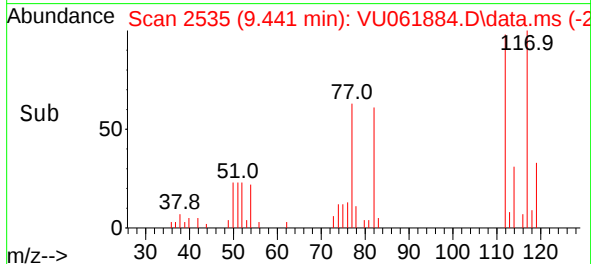
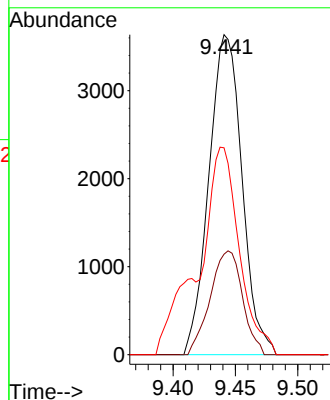
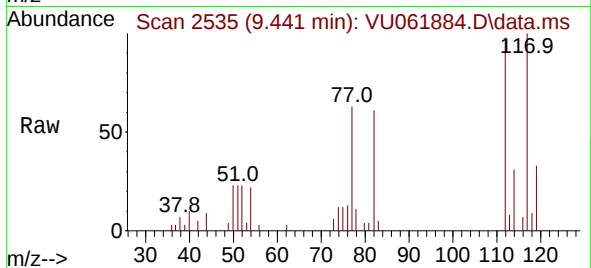
Tgt Ion:112 Resp: 6728

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# 2574

Delta R.T. 0.006 min

Lab File: VU061884.D

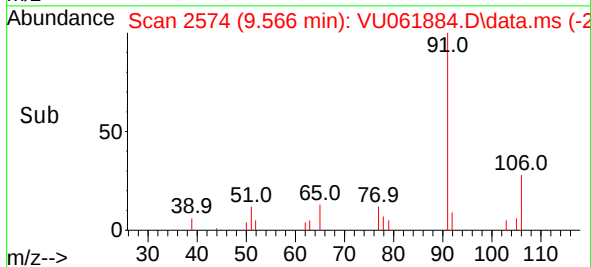
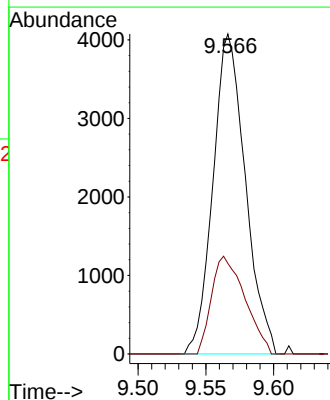
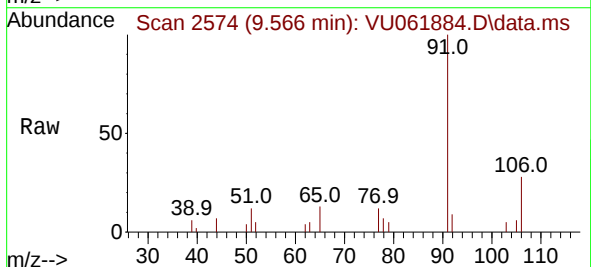
Acq: 20 Nov 2024 22:39

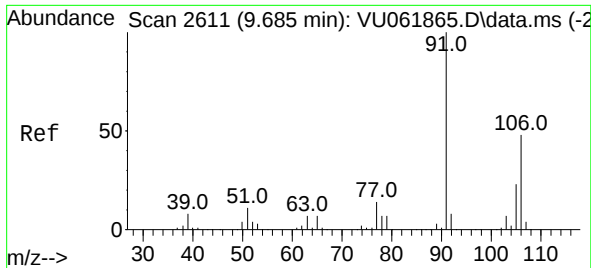
Tgt Ion: 91 Resp: 6761

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# 2

Delta R.T. 0.006 min

Lab File: VU061884.D

Acq: 20 Nov 2024 22:39

Instrument :

MSVOA_U

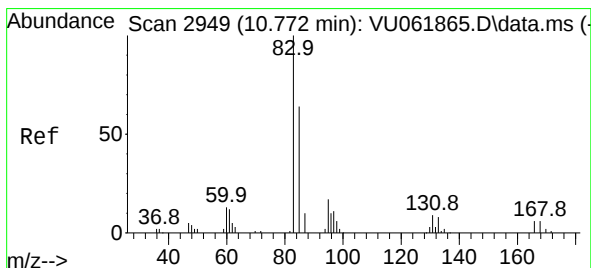
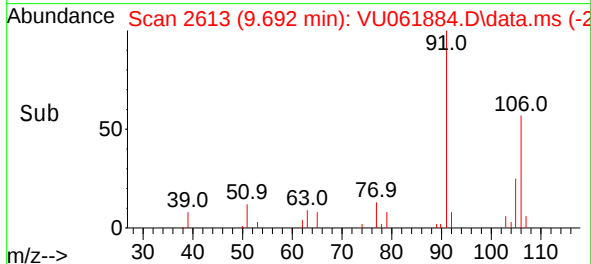
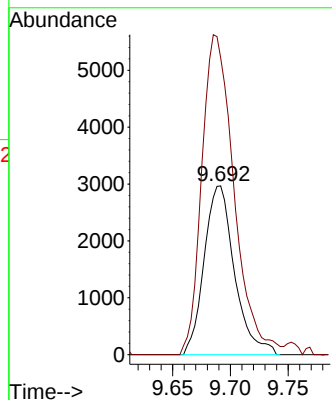
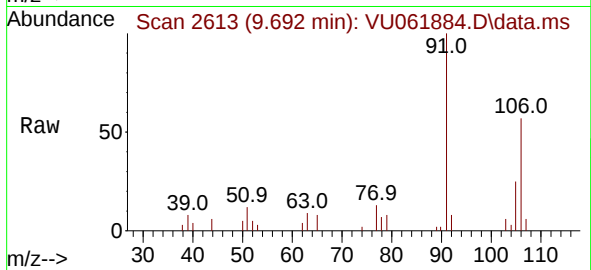
ClientSampleId :

Tgt Ion:106 Resp: 5419

Ion Ratio Lower Upper

106 100

91 175.8 147.6 274.0



#57

1,1,2,2-Tetrachloroethane

Concen: 0.097 ug/L

RT: 10.778 min Scan# 2951

Delta R.T. 0.006 min

Lab File: VU061884.D

Acq: 20 Nov 2024 22:39

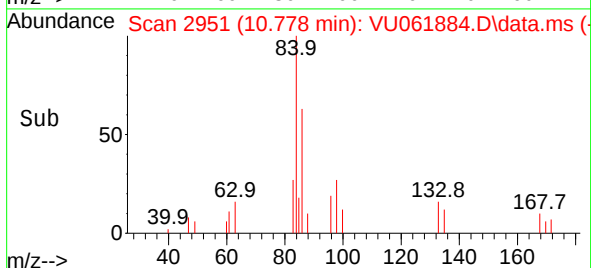
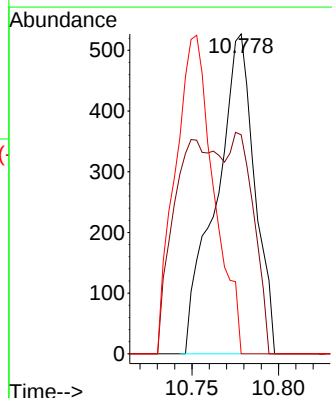
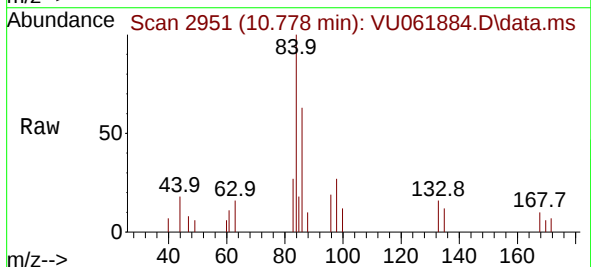
Tgt Ion: 83 Resp: 815

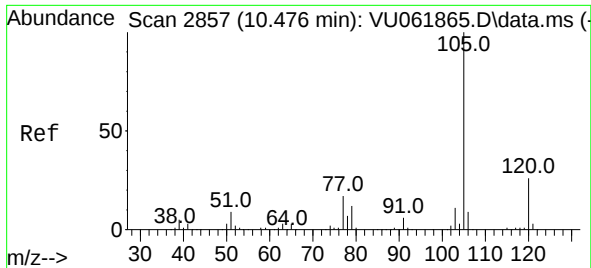
Ion Ratio Lower Upper

83 100

85 68.5 44.4 82.4

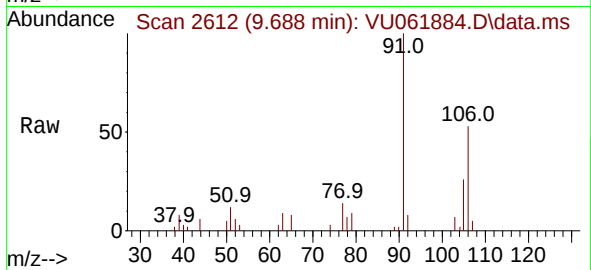
131 0.0 7.3 10.9#



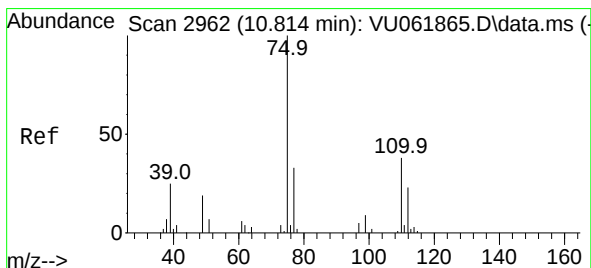
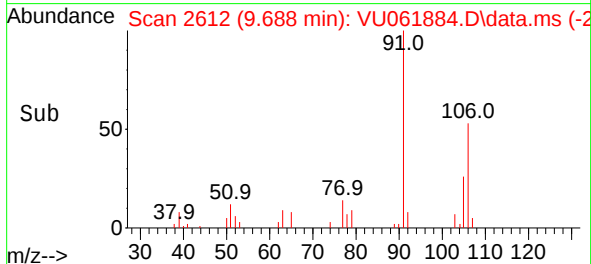
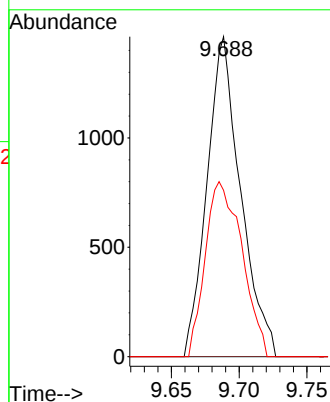


#60
Isopropylbenzene
Concen: 0.065 ug/L
RT: 9.688 min Scan# 21
Delta R.T. -0.788 min
Lab File: VU061884.D
Acq: 20 Nov 2024 22:39

Instrument :
MSVOA_U
ClientSampleId :

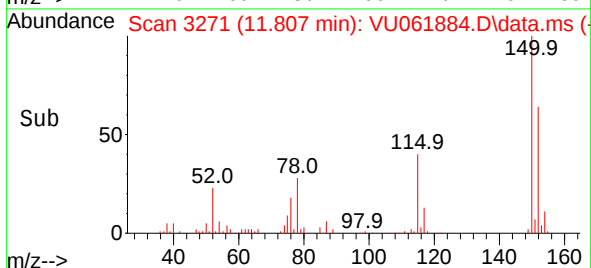
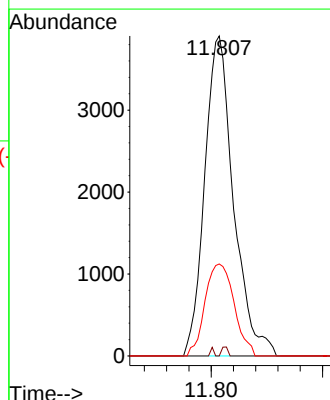
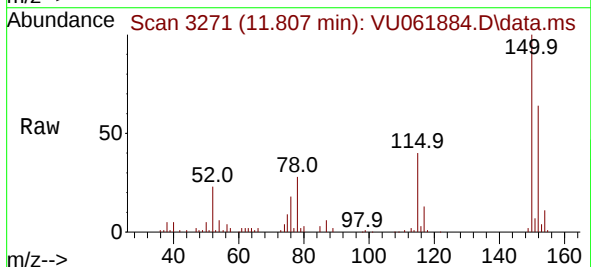


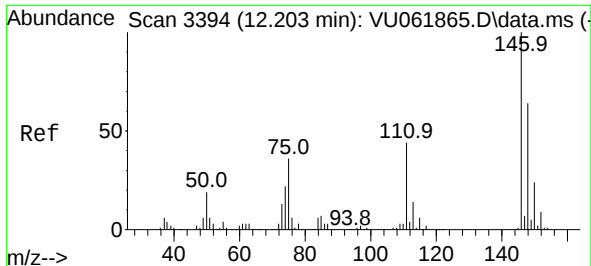
Tgt Ion:105 Resp: 2517
Ion Ratio Lower Upper
105 100
120 0.0 20.6 31.0#
77 59.7 13.0 19.6#



#61
1,2,3-Trichloropropane
Concen: 1.226 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.994 min
Lab File: VU061884.D
Acq: 20 Nov 2024 22:39

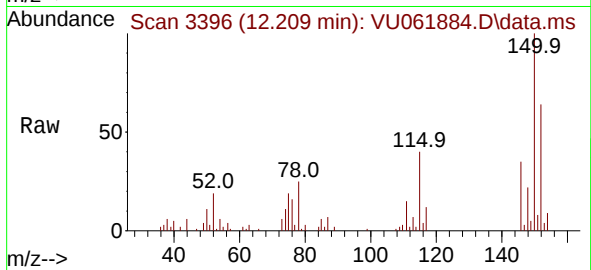
Tgt Ion: 75 Resp: 7019
Ion Ratio Lower Upper
75 100
110 0.6 28.9 43.3#
77 29.0 26.5 39.7





#67
 1,2-Dichlorobenzene
 Concen: 0.370 ug/L
 RT: 12.209 min Scan# 34
 Delta R.T. 0.006 min
 Lab File: VU061884.D
 Acq: 20 Nov 2024 22:39

Instrument :
 MSVOA_U
 ClientSampleId :



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

