

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112024\
 Data File : VU061883.D
 Acq On : 20 Nov 2024 22:14
 Operator : MD/SY
 Sample : P4885-08DL 5X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 21 01:35:12 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

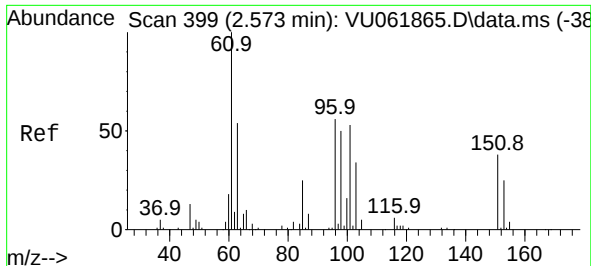
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	139095	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	130270	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	56619	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	44585	6.535	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	130.600%#
7) Chloroethane-d5	1.866	69	19207	3.182	ug/L	-0.04
Spiked Amount	5.000	Range	65 - 130	Recovery	=	63.600%#
11) 1,1-Dichloroethene-d2	2.544	65	17786	6.525	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	130.400%#
20) 2-Butanone-d5	4.618	46	107682	50.259	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.520%
24) Chloroform-d	5.049	84	86052	5.170	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.400%
26) 1,2-Dichloroethane-d4	5.689	65	48111	5.616	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.400%
32) Benzene-d6	5.711	84	168572	6.642	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	132.800%#
36) 1,2-Dichloropropane-d6	6.679	67	55260	6.407	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	128.200%
41) Toluene-d8	7.888	98	135532	6.402	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	128.000%
43) trans-1,3-Dichloroprop...	8.174	79	15486	4.850	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.000%
46) 2-Hexanone-d5	8.627	63	82216	56.417	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.840%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	47792	5.546	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	48211	5.759	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.200%

Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.554	101	3044	0.303	ug/L #	82
16) Methylene chloride	3.030	84	8151	0.728	ug/L	98
29) 1,1,1-Trichloroethane	5.300	97	20223	1.347	ug/L	98
31) Carbon tetrachloride	5.303	117	2438	0.191	ug/L	97
34) Trichloroethene	6.534	95	3791	0.361	ug/L	88
35) Methylcyclohexane	6.679	83	12180	0.758	ug/L #	21
37) 1,2-Dichloropropane	6.682	63	6114	0.598	ug/L #	87
42) Toluene	7.962	91	15245	0.369	ug/L	95
47) Tetrachloroethene	8.544	164	33541	4.392	ug/L	94
49) Dibromochloromethane	8.544	129	34629	4.353	ug/L #	13
51) Chlorobenzene	9.438	112	7719	0.273	ug/L	96
52) Ethylbenzene	9.569	91	8256	0.167	ug/L	99
53) m,p-Xylene	9.688	106	6479	0.372	ug/L	97
61) 1,2,3-Trichloropropane	11.804	75	7695	1.176	ug/L #	68
67) 1,2-Dichlorobenzene	12.206	146	6367	0.374	ug/L	92

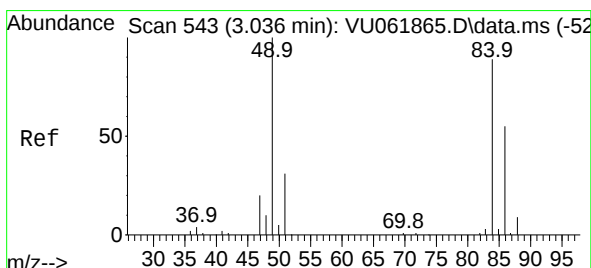
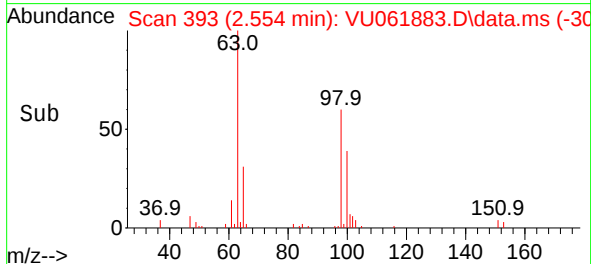
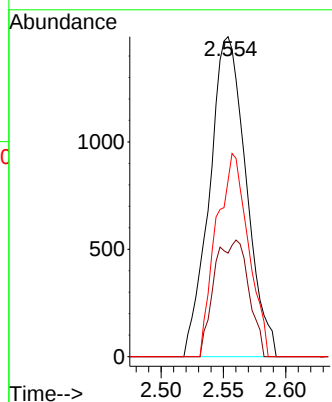
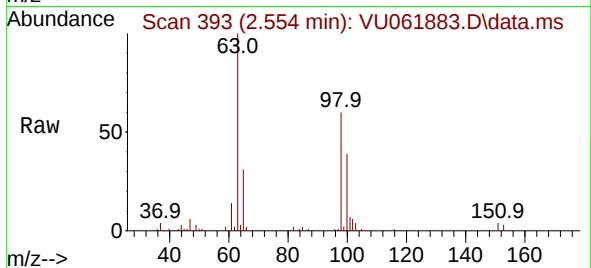
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.303 ug/L
RT: 2.554 min Scan# 3044
Delta R.T. -0.019 min
Lab File: VU061883.D
Acq: 20 Nov 2024 22:14

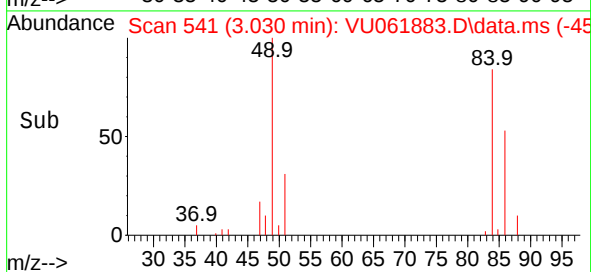
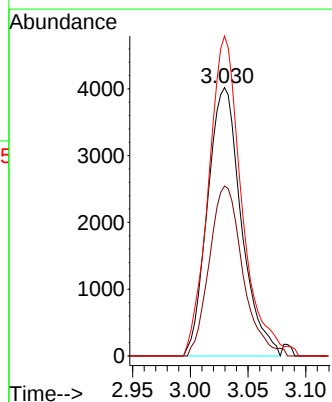
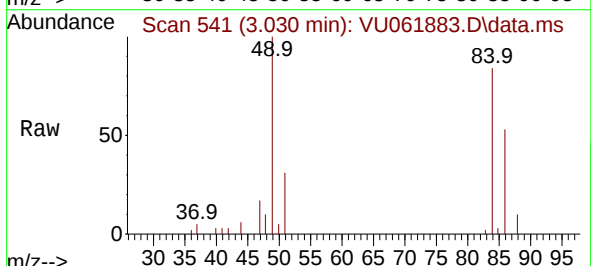
Instrument :
MSVOA_U
ClientSampleId :

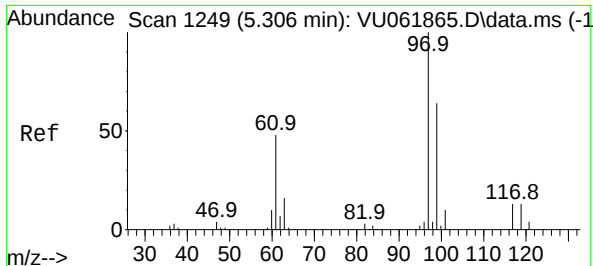
Tgt Ion:101 Resp: 3044
Ion Ratio Lower Upper
101 100
85 34.2 38.0 57.0#
151 55.5 55.3 82.9



#16
Methylene chloride
Concen: 0.728 ug/L
RT: 3.030 min Scan# 541
Delta R.T. -0.006 min
Lab File: VU061883.D
Acq: 20 Nov 2024 22:14

Tgt Ion: 84 Resp: 8151
Ion Ratio Lower Upper
84 100
86 63.3 43.5 80.7
49 119.2 81.9 152.1

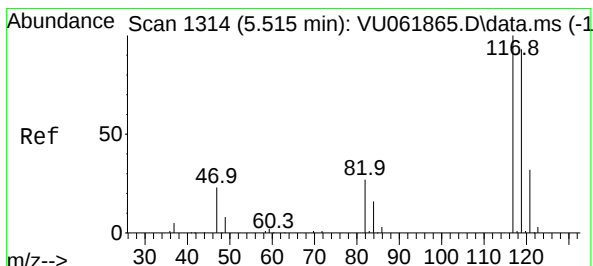
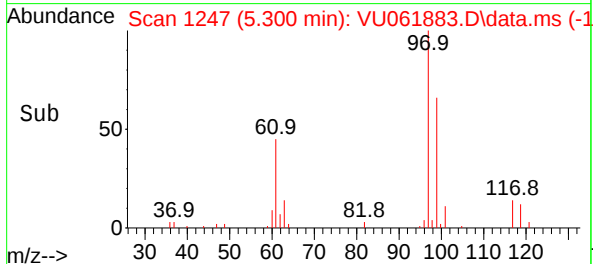
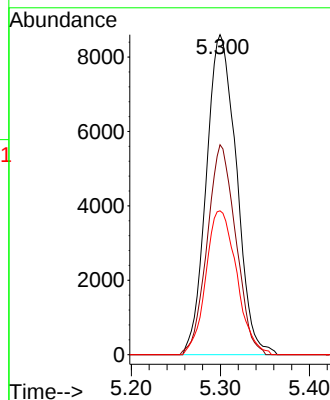
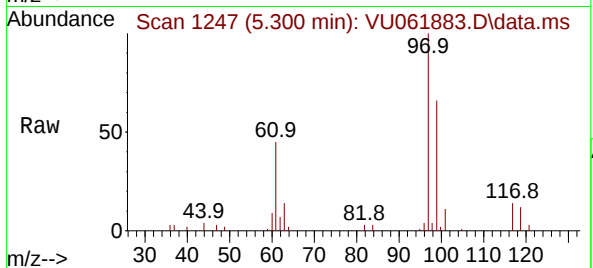




#29
1,1,1-Trichloroethane
Concen: 1.347 ug/L
RT: 5.300 min Scan# 1247
Delta R.T. -0.006 min
Lab File: VU061883.D
Acq: 20 Nov 2024 22:14

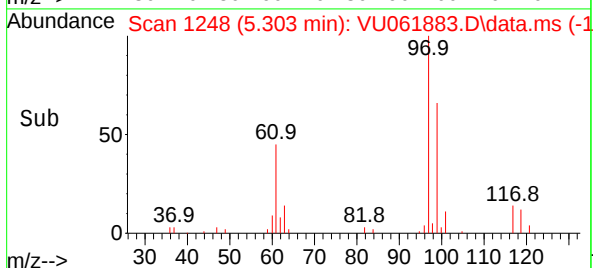
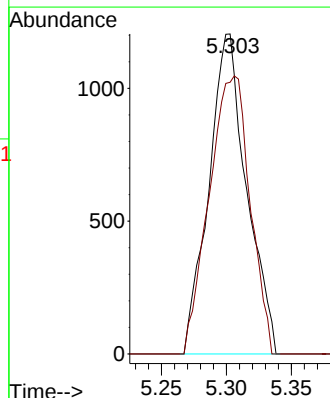
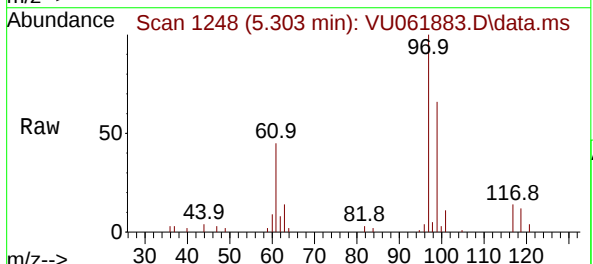
Instrument :
MSVOA_U
ClientSampleId :

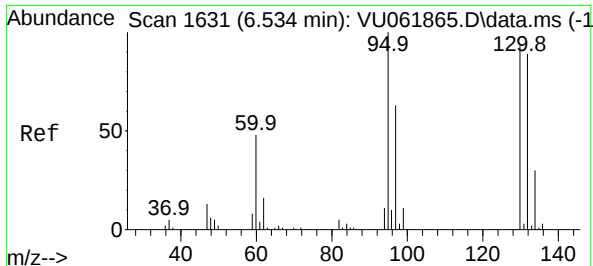
Tgt Ion: 97 Resp: 20223
Ion Ratio Lower Upper
97 100
99 62.3 51.4 77.2
61 46.0 37.8 56.6



#31
Carbon tetrachloride
Concen: 0.191 ug/L
RT: 5.303 min Scan# 1248
Delta R.T. -0.212 min
Lab File: VU061883.D
Acq: 20 Nov 2024 22:14

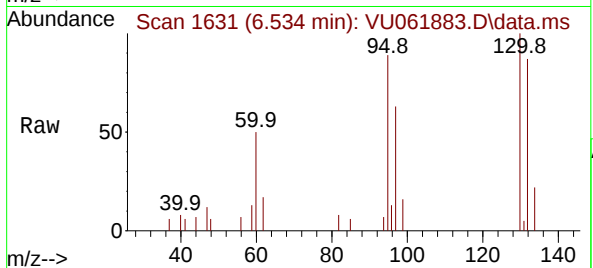
Tgt Ion:117 Resp: 2438
Ion Ratio Lower Upper
117 100
119 94.0 77.5 116.3



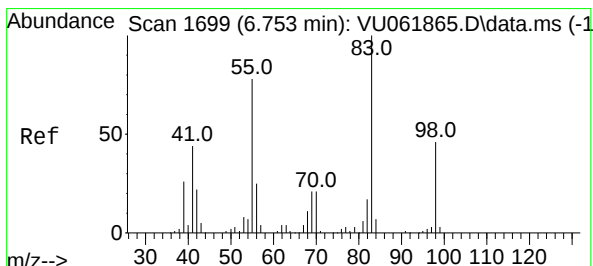
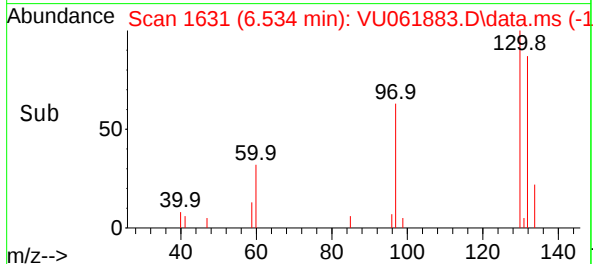
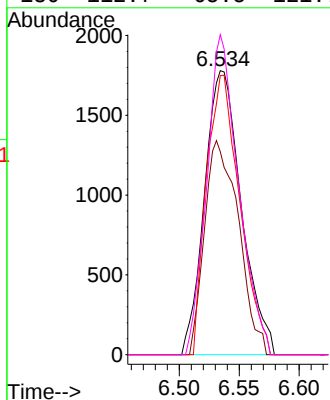


#34
Trichloroethene
Concen: 0.361 ug/L
RT: 6.534 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU061883.D
Acq: 20 Nov 2024 22:14

Instrument :
MSVOA_U
ClientSampleId :

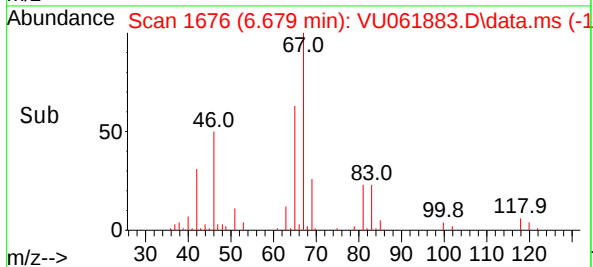
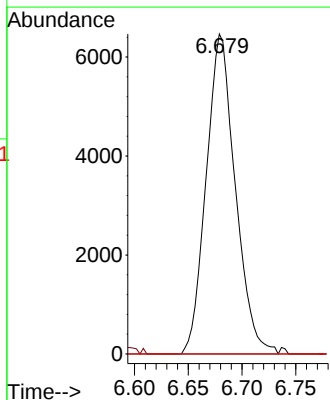
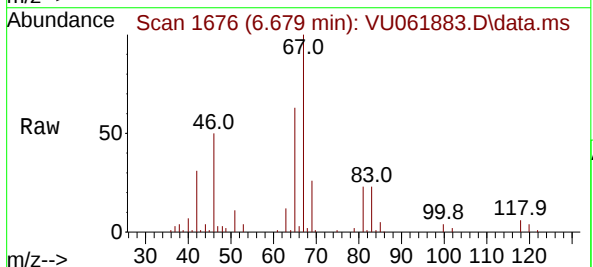


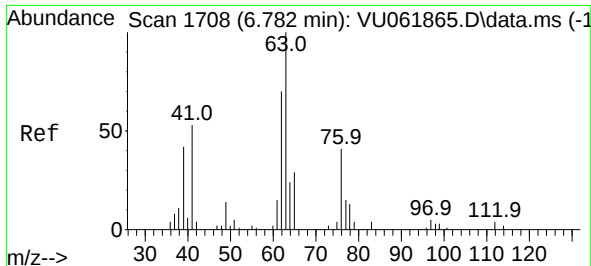
Tgt Ion:	95	Resp:	3791
Ion	Ratio	Lower	Upper
95	100		
97	71.5	45.9	85.3
132	98.3	63.8	118.4
130	112.7	65.5	121.7



#35
Methylcyclohexane
Concen: 0.758 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.074 min
Lab File: VU061883.D
Acq: 20 Nov 2024 22:14

Tgt Ion:	83	Resp:	12180
Ion	Ratio	Lower	Upper
83	100		
55	1.3	60.7	91.1#
98	2.4	34.8	52.2#

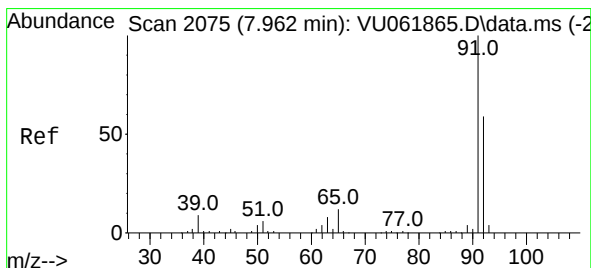
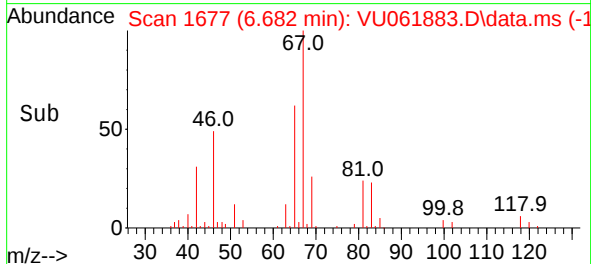
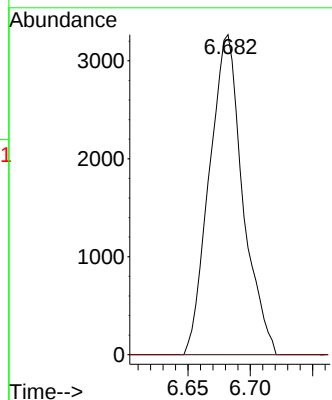
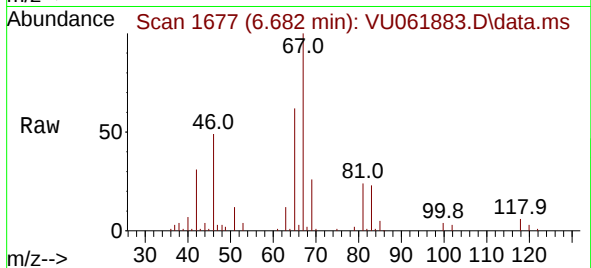




#37
1,2-Dichloropropane
Concen: 0.598 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU061883.D
Acq: 20 Nov 2024 22:14

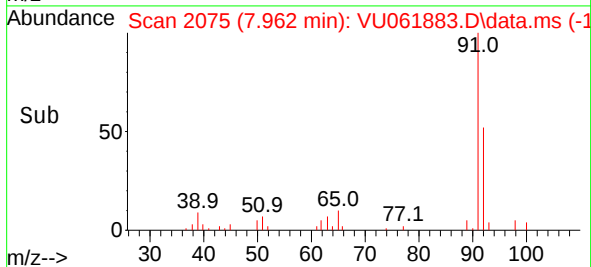
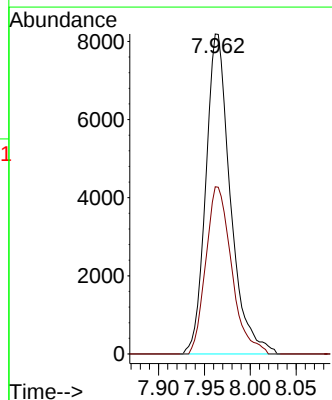
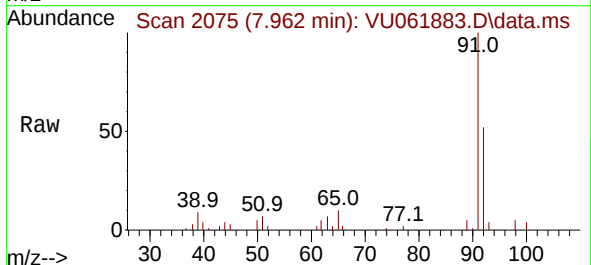
Instrument :
MSVOA_U
ClientSampleId :

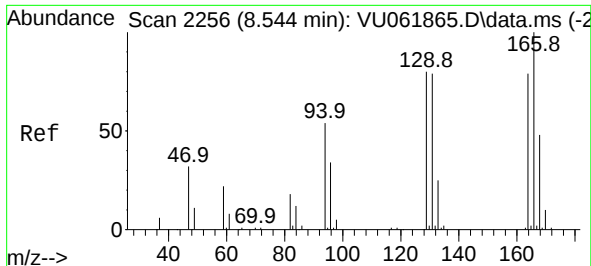
Tgt Ion: 63 Resp: 6114
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#42
Toluene
Concen: 0.369 ug/L
RT: 7.962 min Scan# 2075
Delta R.T. 0.000 min
Lab File: VU061883.D
Acq: 20 Nov 2024 22:14

Tgt Ion: 91 Resp: 15245
Ion Ratio Lower Upper
91 100
92 52.3 39.0 72.4





#47

Tetrachloroethene

Concen: 4.392 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. 0.000 min

Lab File: VU061883.D

Acq: 20 Nov 2024 22:14

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:164 Resp: 33541

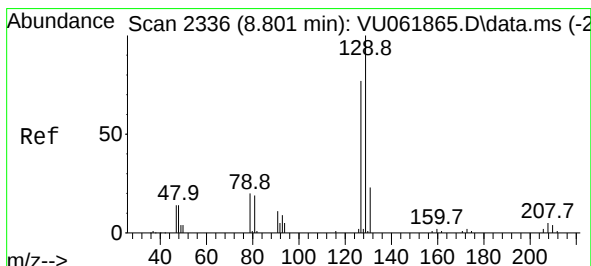
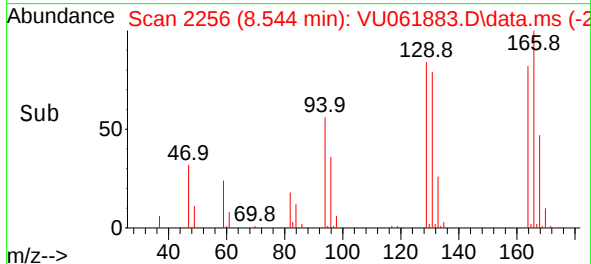
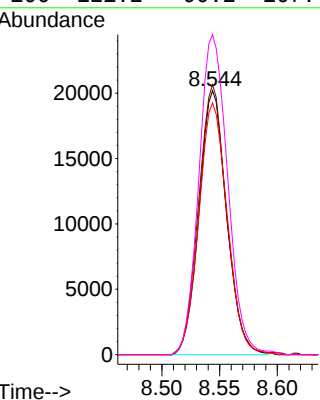
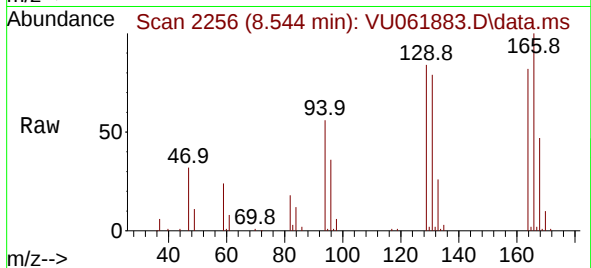
Ion Ratio Lower Upper

164 100

129 102.3 73.2 136.0

131 95.4 72.3 134.3

166 121.2 90.2 167.4



#49

Dibromochloromethane

Concen: 4.353 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. -0.257 min

Lab File: VU061883.D

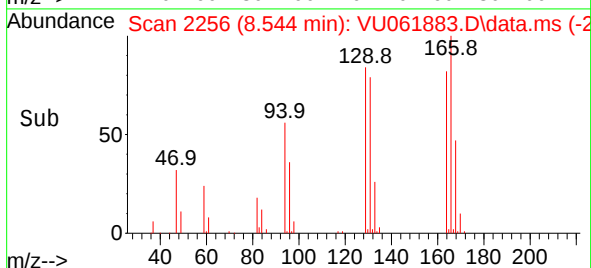
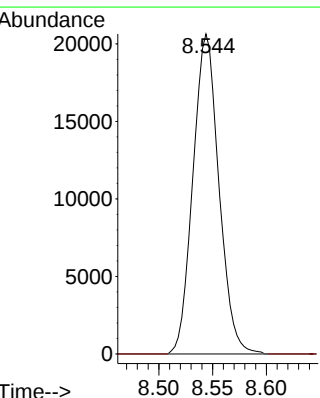
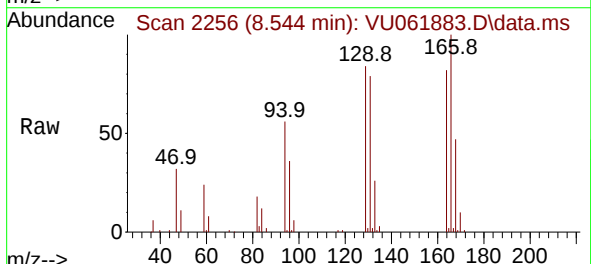
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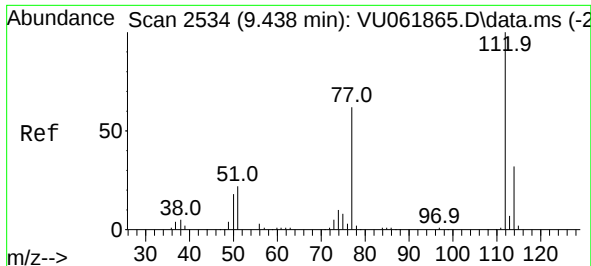
Tgt Ion:129 Resp: 34629

Ion Ratio Lower Upper

129 100

127 0.0 51.1 94.9#





#51

Chlorobenzene

Concen: 0.273 ug/L

RT: 9.438 min Scan# 2534

Delta R.T. 0.000 min

Lab File: VU061883.D

Acq: 20 Nov 2024 22:14

Instrument :

MSVOA_U

ClientSampleId :

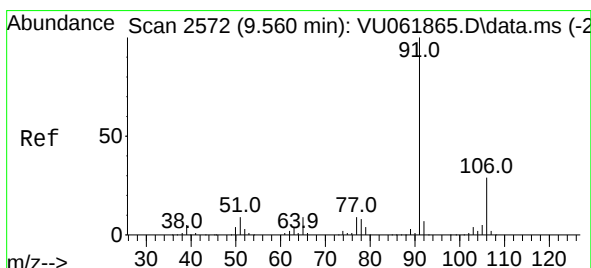
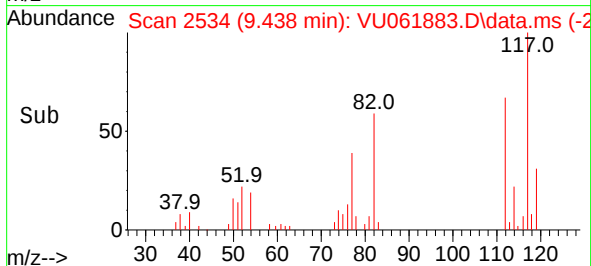
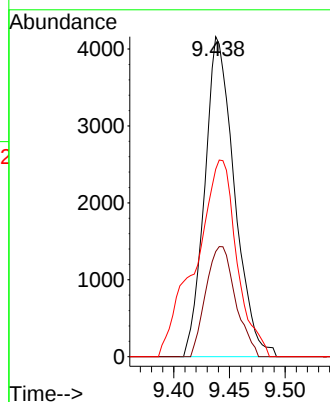
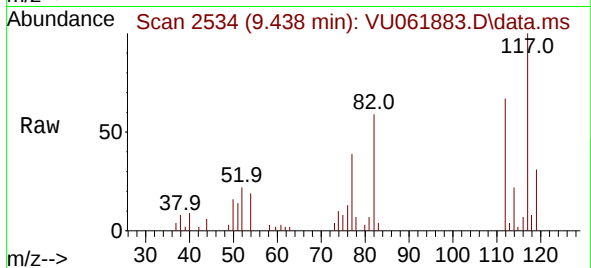
Tgt Ion:112 Resp: 7719

Ion Ratio Lower Upper

112 100

114 32.9 23.0 42.6

77 58.6 50.5 75.7



#52

Ethylbenzene

Concen: 0.167 ug/L

RT: 9.569 min Scan# 2575

Delta R.T. 0.010 min

Lab File: VU061883.D

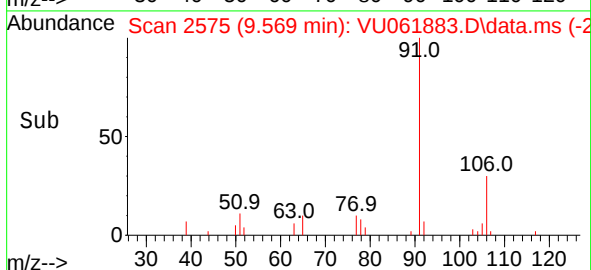
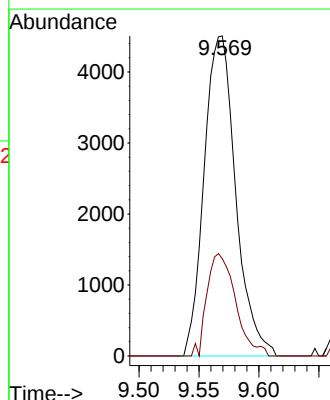
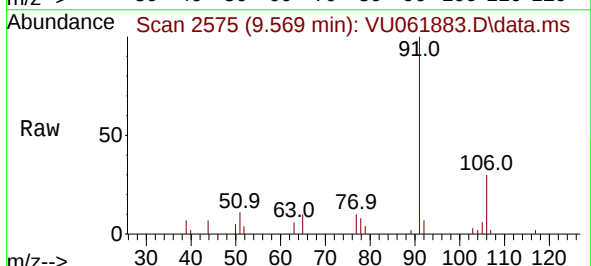
Acq: 20 Nov 2024 22:14

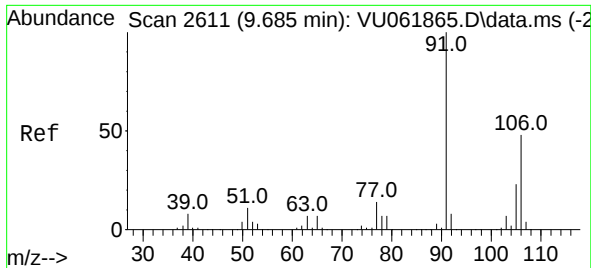
Tgt Ion: 91 Resp: 8256

Ion Ratio Lower Upper

91 100

106 30.4 21.6 40.0

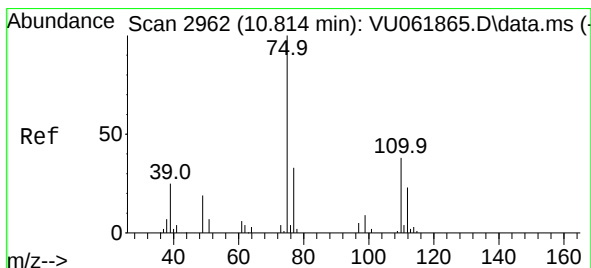
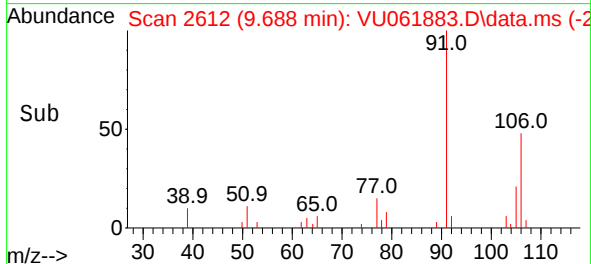
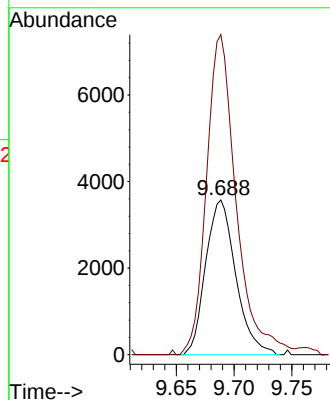
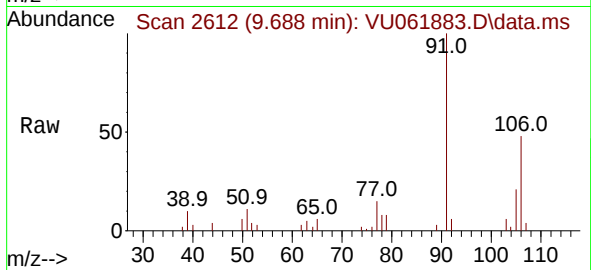




#53
m,p-Xylene
Concen: 0.372 ug/L
RT: 9.688 min Scan# 20
Delta R.T. 0.003 min
Lab File: VU061883.D
Acq: 20 Nov 2024 22:14

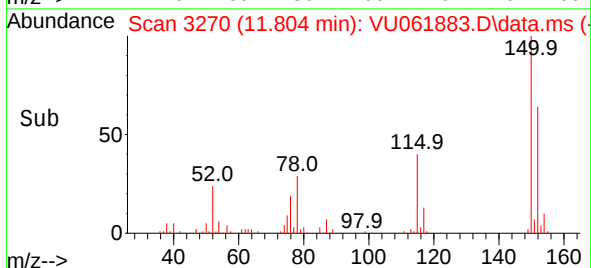
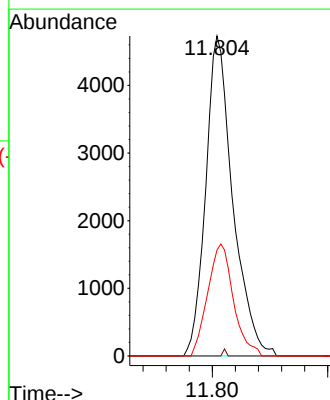
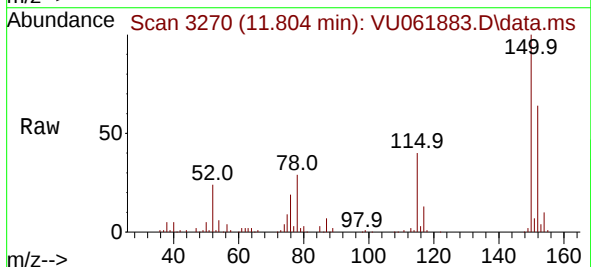
Instrument :
MSVOA_U
ClientSampleId :

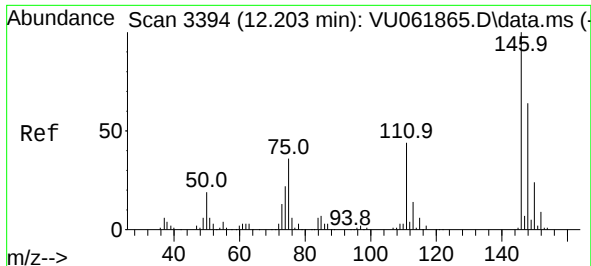
Tgt Ion:106 Resp: 6479
Ion Ratio Lower Upper
106 100
91 206.8 147.6 274.0



#61
1,2,3-Trichloropropane
Concen: 1.176 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.990 min
Lab File: VU061883.D
Acq: 20 Nov 2024 22:14

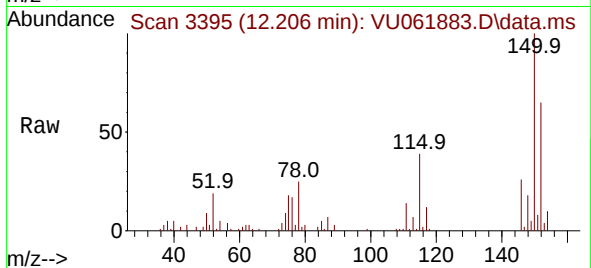
Tgt Ion: 75 Resp: 7695
Ion Ratio Lower Upper
75 100
110 0.3 28.9 43.3#
77 33.2 26.5 39.7





#67
1,2-Dichlorobenzene
Concen: 0.374 ug/L
RT: 12.206 min Scan# 34
Delta R.T. 0.003 min
Lab File: VU061883.D
Acq: 20 Nov 2024 22:14

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:146 Resp: 6367
Ion Ratio Lower Upper
146 100
111 52.4 36.0 54.0
148 70.5 52.3 78.5

