

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112024\
 Data File : VU061882.D
 Acq On : 20 Nov 2024 21:50
 Operator : MD/SY
 Sample : P4885-07DL 5X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 21 01:34:46 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)

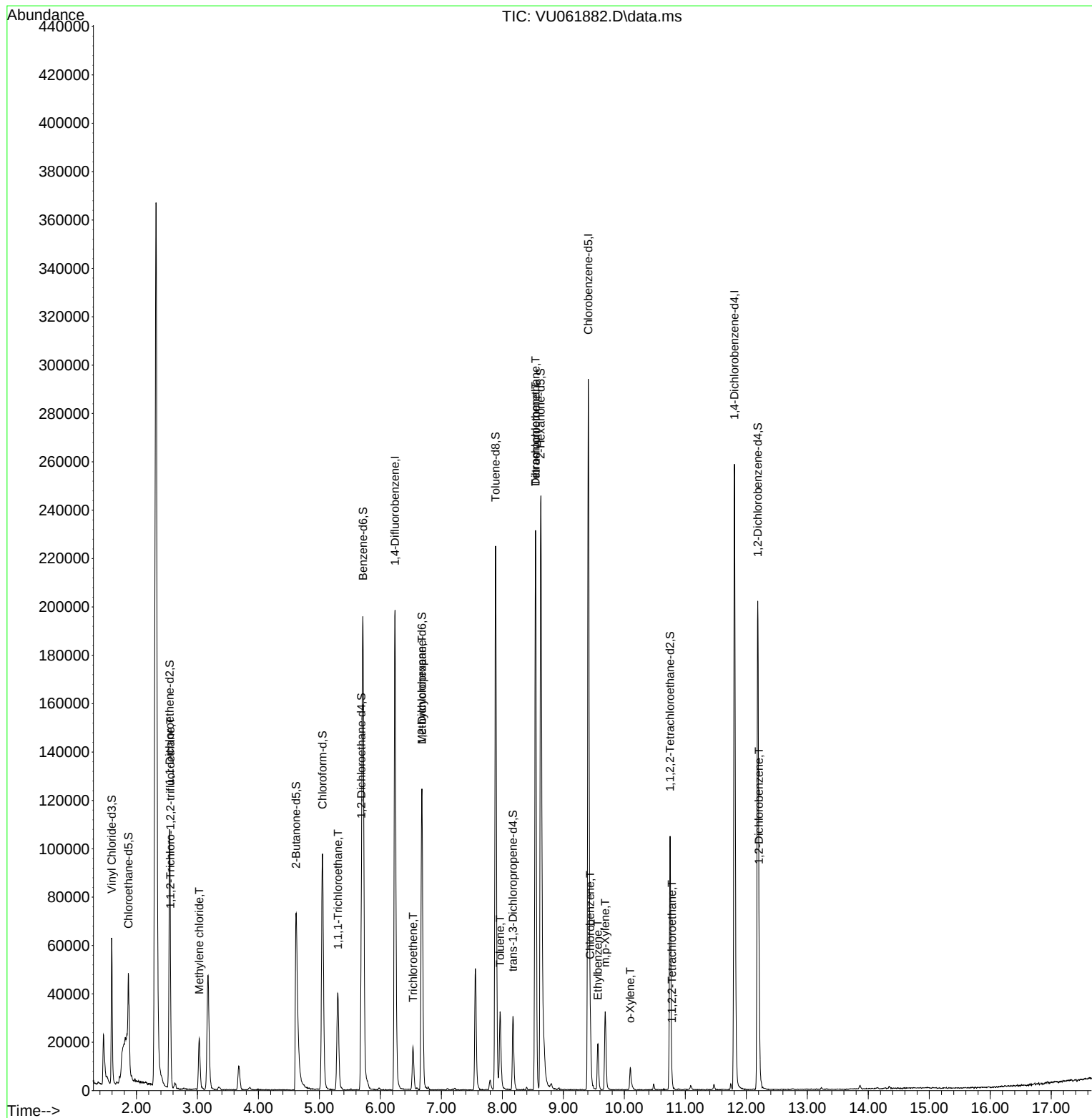
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	162042	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	155762	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	70154	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	46672	5.872	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	117.400%
7) Chloroethane-d5	1.866	69	19415	2.761	ug/L	-0.04
Spiked Amount	5.000	Range	65 - 130	Recovery	=	55.200%#
11) 1,1-Dichloroethene-d2	2.544	65	19547	6.156	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	123.200%
20) 2-Butanone-d5	4.618	46	118057	47.299	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.600%
24) Chloroform-d	5.049	84	93104	4.801	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	5.689	65	51246	5.135	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
32) Benzene-d6	5.714	84	180819	5.958	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	119.200%
36) 1,2-Dichloropropane-d6	6.679	67	59243	5.745	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	115.000%
41) Toluene-d8	7.888	98	149840	5.920	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	118.400%
43) trans-1,3-Dichloroprop...	8.174	79	17743	4.648	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.000%
46) 2-Hexanone-d5	8.628	63	92059	52.833	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.660%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	53171	5.160	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	52676	5.078	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.600%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.557	101	4503	0.385	ug/L	86
16) Methylene chloride	3.030	84	10645	0.816	ug/L	88
29) 1,1,1-Trichloroethane	5.303	97	28459	1.585	ug/L	99
34) Trichloroethene	6.534	95	6311	0.503	ug/L	95
35) Methylcyclohexane	6.679	83	13918	0.725	ug/L #	19
42) Toluene	7.962	91	24067	0.488	ug/L	99
47) Tetrachloroethene	8.544	164	47604	5.213	ug/L	99
49) Dibromochloromethane	8.544	129	48598	5.110	ug/L #	13
51) Chlorobenzene	9.441	112	12576	0.372	ug/L	97
52) Ethylbenzene	9.563	91	14465	0.245	ug/L	95
53) m,p-Xylene	9.685	106	9688	0.465	ug/L	95
54) o-Xylene	10.097	106	2580	0.123	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.779	83	1692	0.147	ug/L	95
67) 1,2-Dichlorobenzene	12.206	146	10505	0.497	ug/L	94

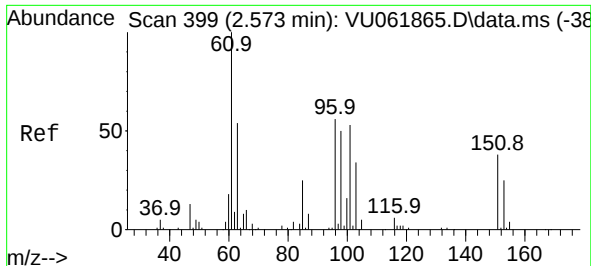
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

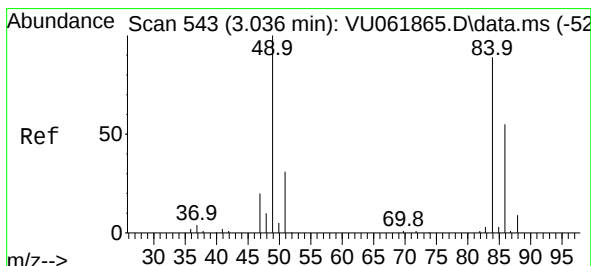
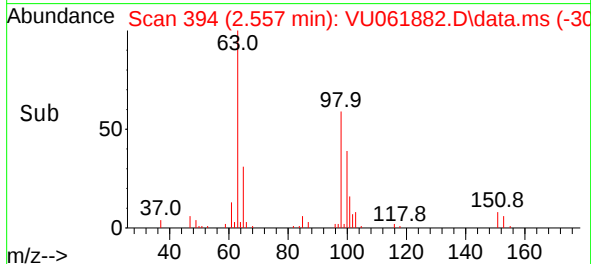
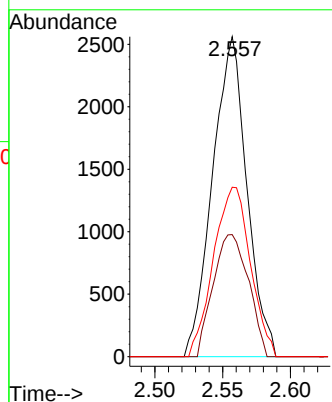
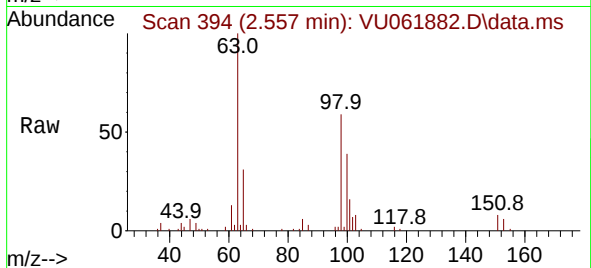




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.385 ug/L
RT: 2.557 min Scan# 399
Delta R.T. -0.016 min
Lab File: VU061882.D
Acq: 20 Nov 2024 21:50

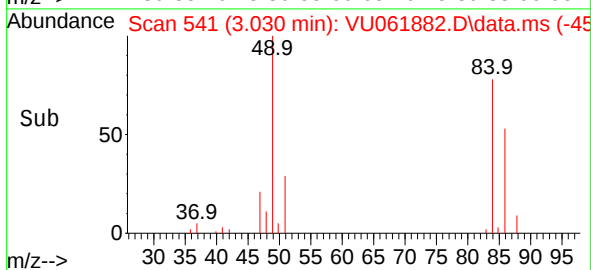
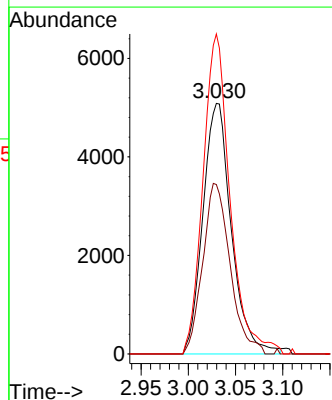
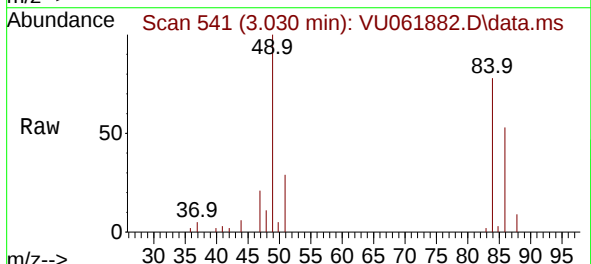
Instrument :
MSVOA_U
ClientSampleId :

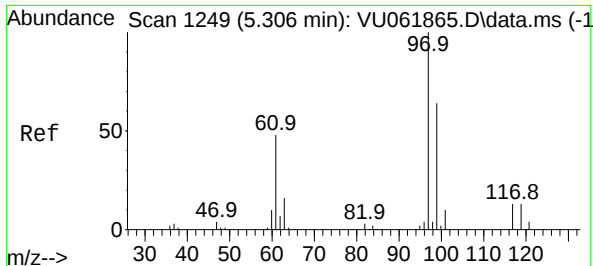
Tgt Ion:101 Resp: 4503
Ion Ratio Lower Upper
101 100
85 39.2 38.0 57.0
151 57.1 55.3 82.9



#16
Methylene chloride
Concen: 0.816 ug/L
RT: 3.030 min Scan# 541
Delta R.T. -0.006 min
Lab File: VU061882.D
Acq: 20 Nov 2024 21:50

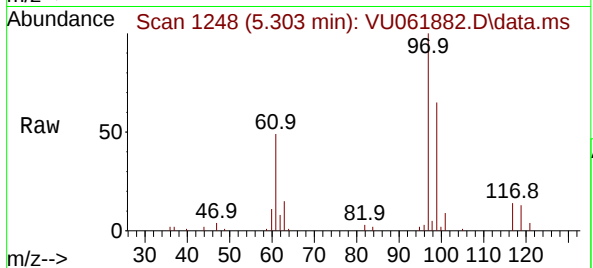
Tgt Ion: 84 Resp: 10645
Ion Ratio Lower Upper
84 100
86 67.6 43.5 80.7
49 133.6 81.9 152.1



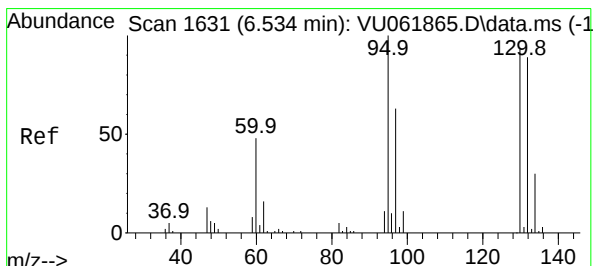
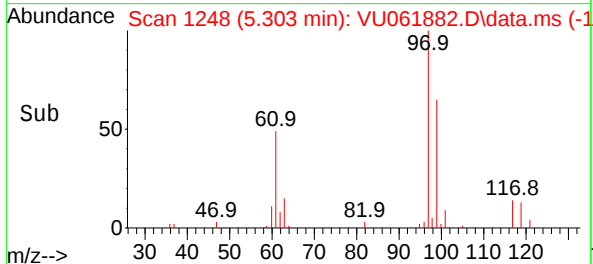
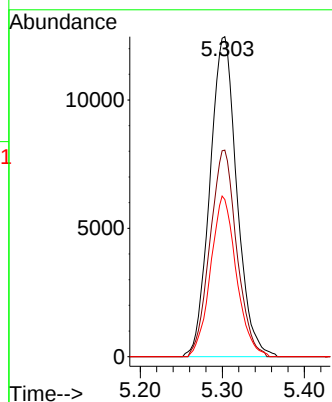


#29
1,1,1-Trichloroethane
Concen: 1.585 ug/L
RT: 5.303 min Scan# 1248
Delta R.T. -0.003 min
Lab File: VU061882.D
Acq: 20 Nov 2024 21:50

Instrument :
MSVOA_U
ClientSampleId :

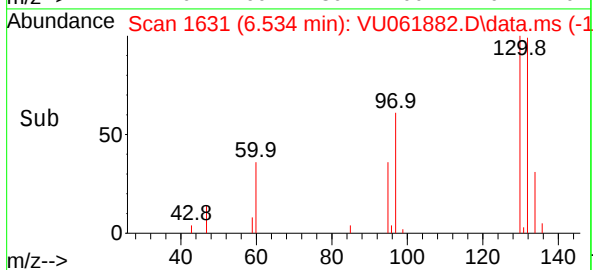
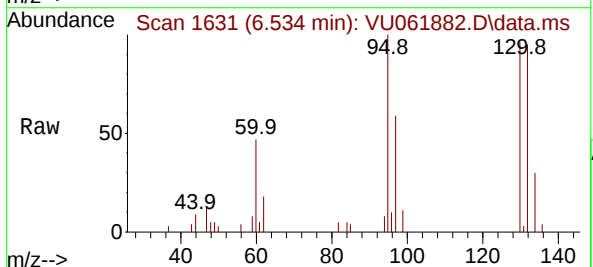
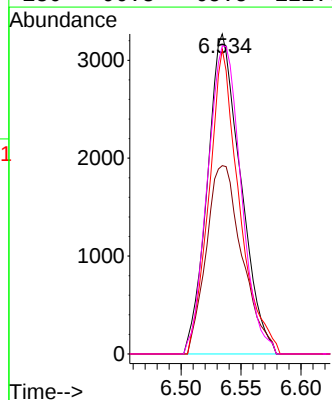


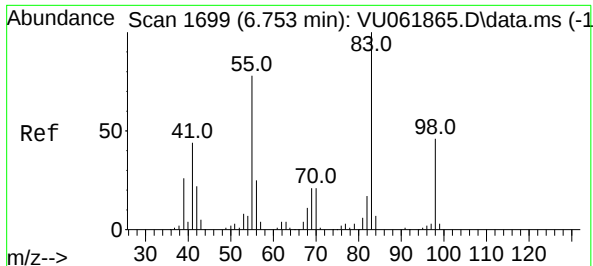
Tgt Ion: 97 Resp: 28459
Ion Ratio Lower Upper
97 100
99 64.1 51.4 77.2
61 48.0 37.8 56.6



#34
Trichloroethene
Concen: 0.503 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VU061882.D
Acq: 20 Nov 2024 21:50

Tgt Ion: 95 Resp: 6311
Ion Ratio Lower Upper
95 100
97 58.9 45.9 85.3
132 95.1 63.8 118.4
130 96.3 65.5 121.7

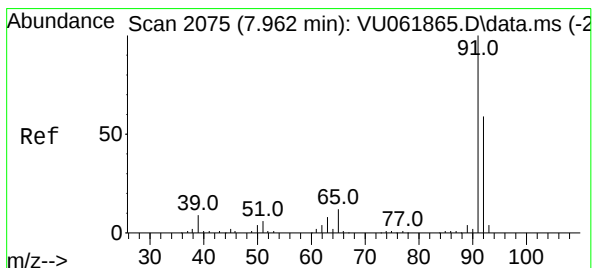
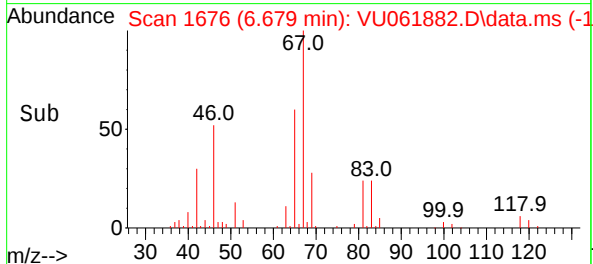
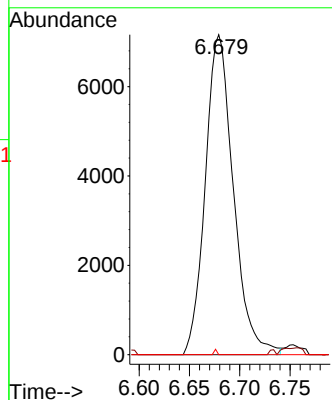
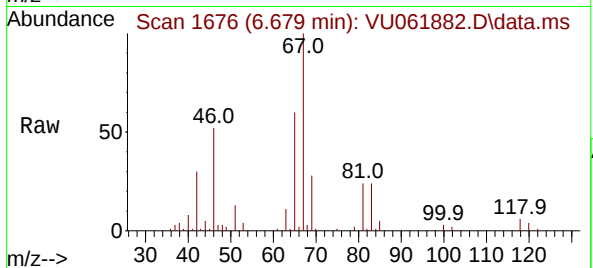




#35
Methylcyclohexane
Concen: 0.725 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.074 min
Lab File: VU061882.D
Acq: 20 Nov 2024 21:50

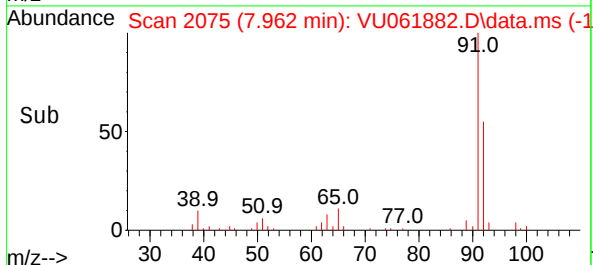
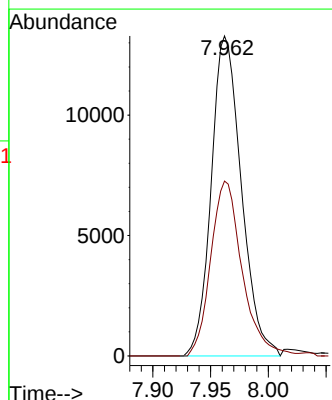
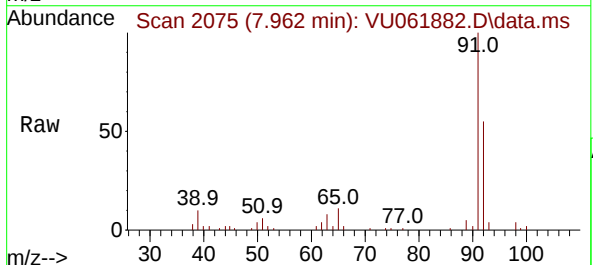
Instrument :
MSVOA_U
ClientSampleId :

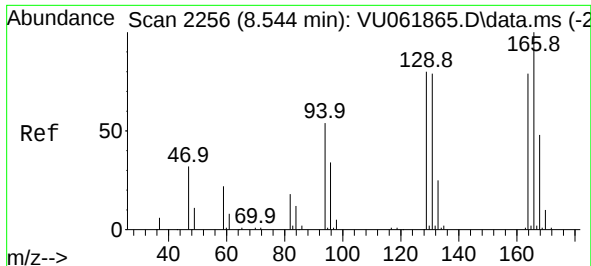
Tgt Ion: 83 Resp: 13918
Ion Ratio Lower Upper
83 100
55 0.3 60.7 91.1#
98 0.2 34.8 52.2#



#42
Toluene
Concen: 0.488 ug/L
RT: 7.962 min Scan# 2075
Delta R.T. 0.000 min
Lab File: VU061882.D
Acq: 20 Nov 2024 21:50

Tgt Ion: 91 Resp: 24067
Ion Ratio Lower Upper
91 100
92 54.7 39.0 72.4

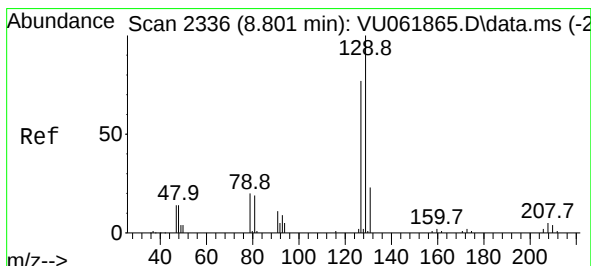
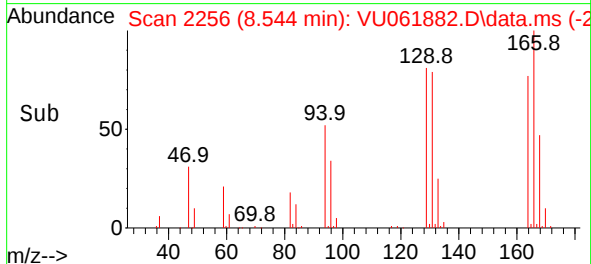
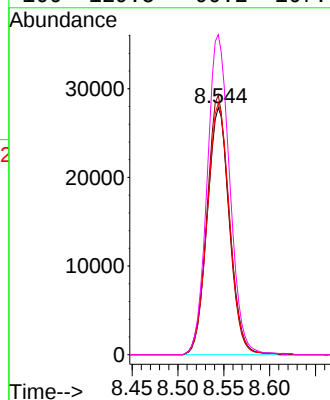
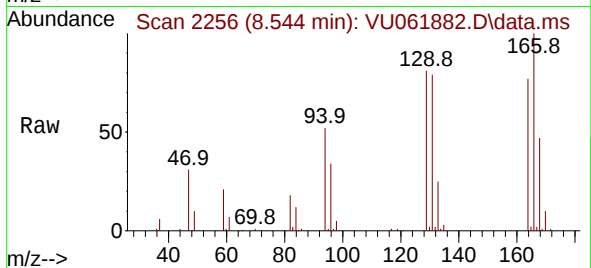




#47
Tetrachloroethene
Concen: 5.213 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.000 min
Lab File: VU061882.D
Acq: 20 Nov 2024 21:50

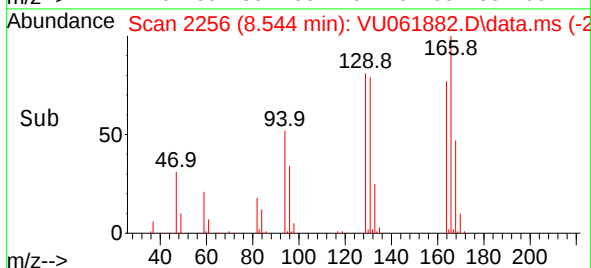
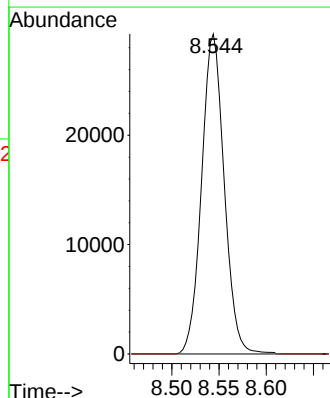
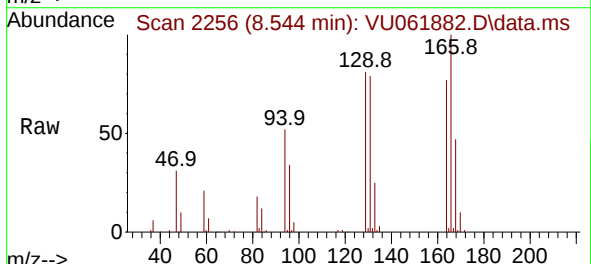
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MSVOA_U
ClientSampleId :

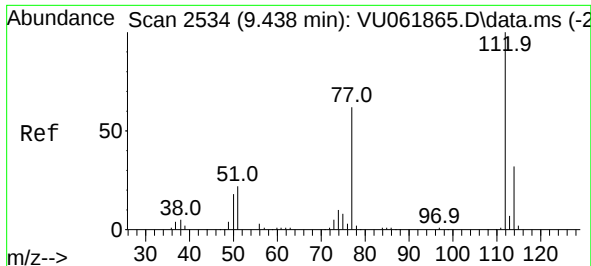
Tgt Ion:164 Resp: 47604
Ion Ratio Lower Upper
164 100
129 104.9 73.2 136.0
131 101.8 72.3 134.3
166 129.5 90.2 167.4



#49
Dibromochloromethane
Concen: 5.110 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.257 min
Lab File: VU061882.D
Acq: 20 Nov 2024 21:50

Tgt Ion:129 Resp: 48598
Ion Ratio Lower Upper
129 100
127 0.0 51.1 94.9#





#51

Chlorobenzene

Concen: 0.372 ug/L

RT: 9.441 min Scan# 2534

Delta R.T. 0.003 min

Lab File: VU061882.D

Acq: 20 Nov 2024 21:50

Instrument :

MSVOA_U

ClientSampleId :

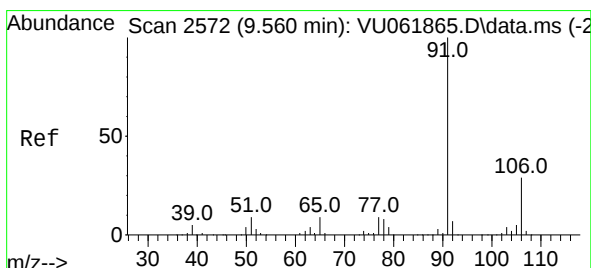
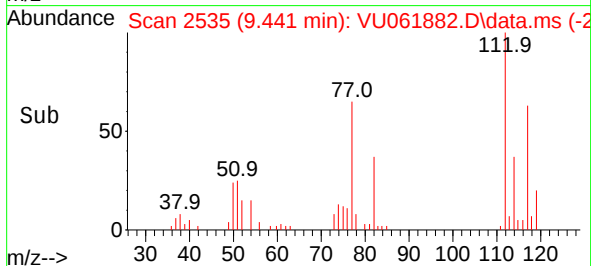
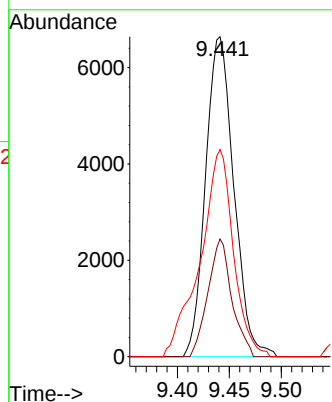
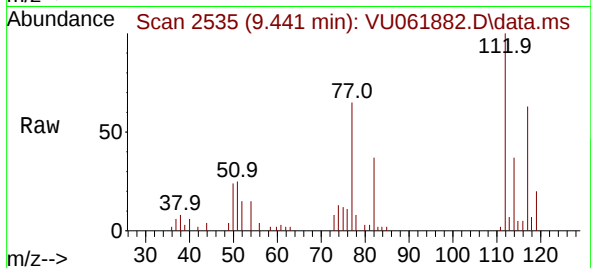
Tgt Ion:112 Resp: 12576

Ion Ratio Lower Upper

112 100

114 34.4 23.0 42.6

77 60.5 50.5 75.7



#52

Ethylbenzene

Concen: 0.245 ug/L

RT: 9.563 min Scan# 2573

Delta R.T. 0.003 min

Lab File: VU061882.D

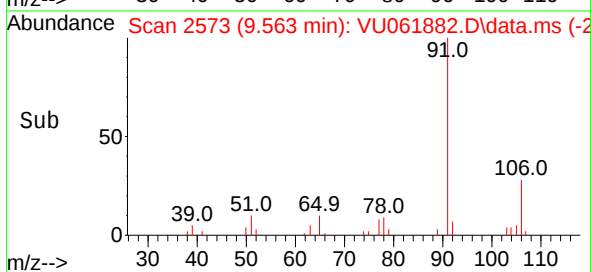
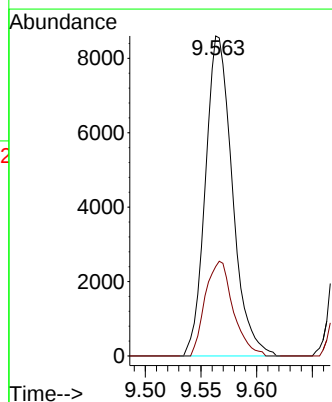
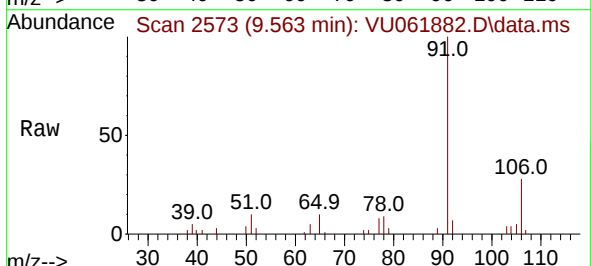
Acq: 20 Nov 2024 21:50

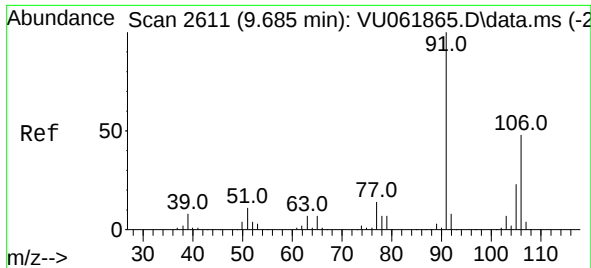
Tgt Ion: 91 Resp: 14465

Ion Ratio Lower Upper

91 100

106 28.0 21.6 40.0

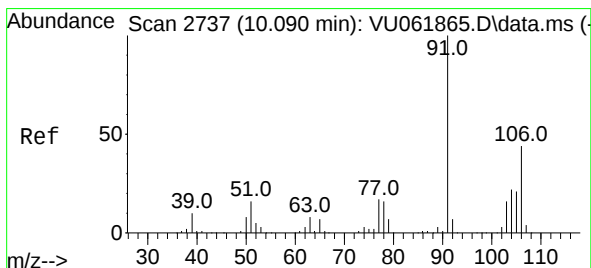
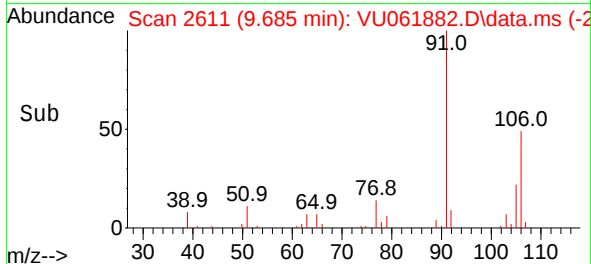
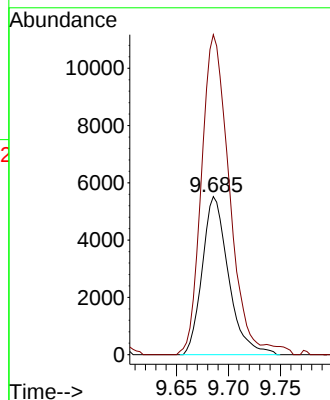
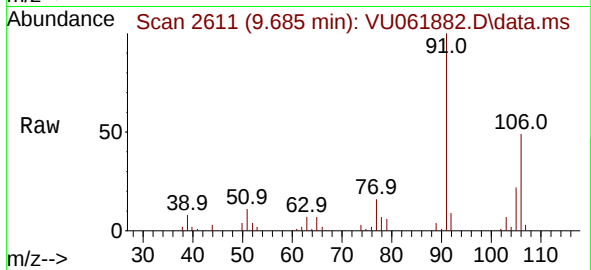




#53
m,p-Xylene
Concen: 0.465 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. 0.000 min
Lab File: VU061882.D
Acq: 20 Nov 2024 21:50

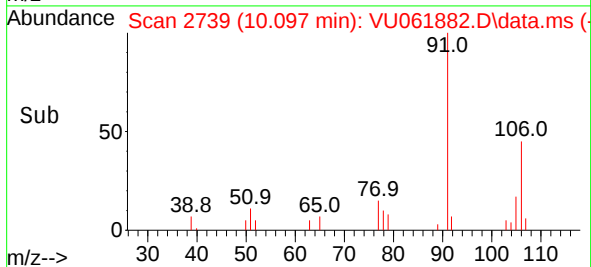
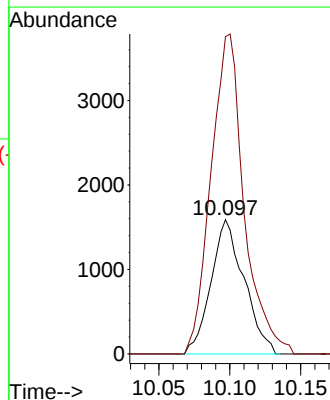
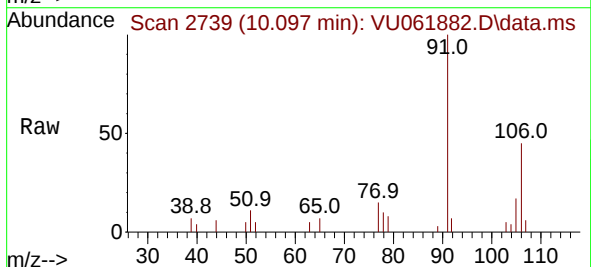
Instrument :
MSVOA_U
ClientSampleId :

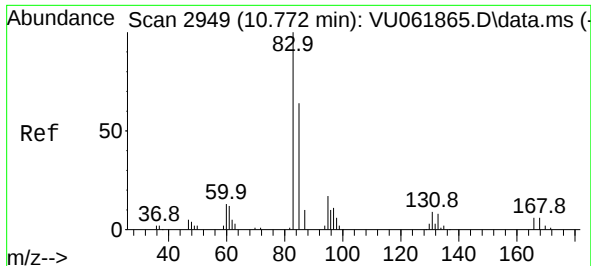
Tgt Ion:106 Resp: 9688
Ion Ratio Lower Upper
106 100
91 202.3 147.6 274.0



#54
o-Xylene
Concen: 0.123 ug/L
RT: 10.097 min Scan# 2739
Delta R.T. 0.007 min
Lab File: VU061882.D
Acq: 20 Nov 2024 21:50

Tgt Ion:106 Resp: 2580
Ion Ratio Lower Upper
106 100
91 236.5 159.8 296.8





#57

1,1,2,2-Tetrachloroethane

Concen: 0.147 ug/L

RT: 10.779 min Scan# 2949

Delta R.T. 0.007 min

Lab File: VU061882.D

Acq: 20 Nov 2024 21:50

Instrument :

MSVOA_U

ClientSampleId :

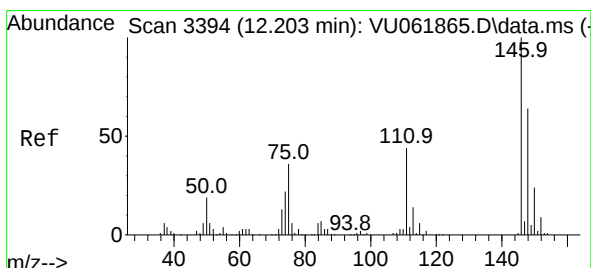
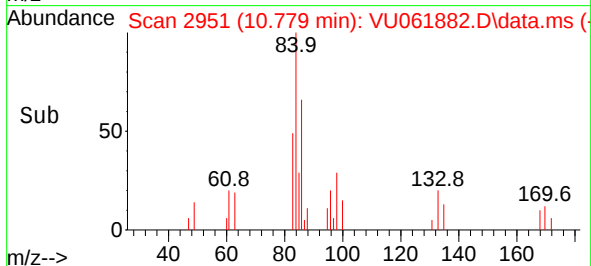
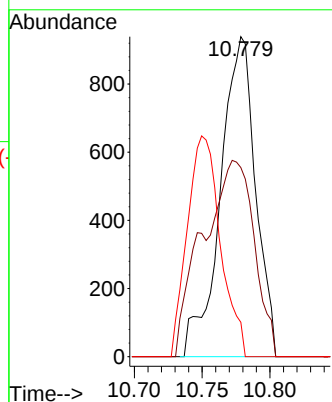
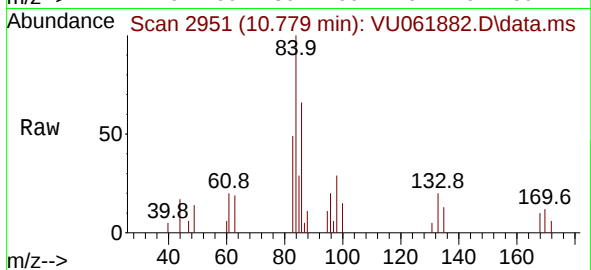
Tgt Ion: 83 Resp: 1692

Ion Ratio Lower Upper

83 100

85 59.1 44.4 82.4

131 10.8 7.3 10.9



#67

1,2-Dichlorobenzene

Concen: 0.497 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.003 min

Lab File: VU061882.D

Acq: 20 Nov 2024 21:50

Tgt Ion:146 Resp: 10505

Ion Ratio Lower Upper

146 100

111 50.4 36.0 54.0

148 69.3 52.3 78.5

