

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111324\
 Data File : VU061655.D
 Acq On : 14 Nov 2024 04:40
 Operator : MD/SY
 Sample : P4803-19 5X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 14 05:13:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 14 04:06:27 2024
 Response via : Initial Calibration

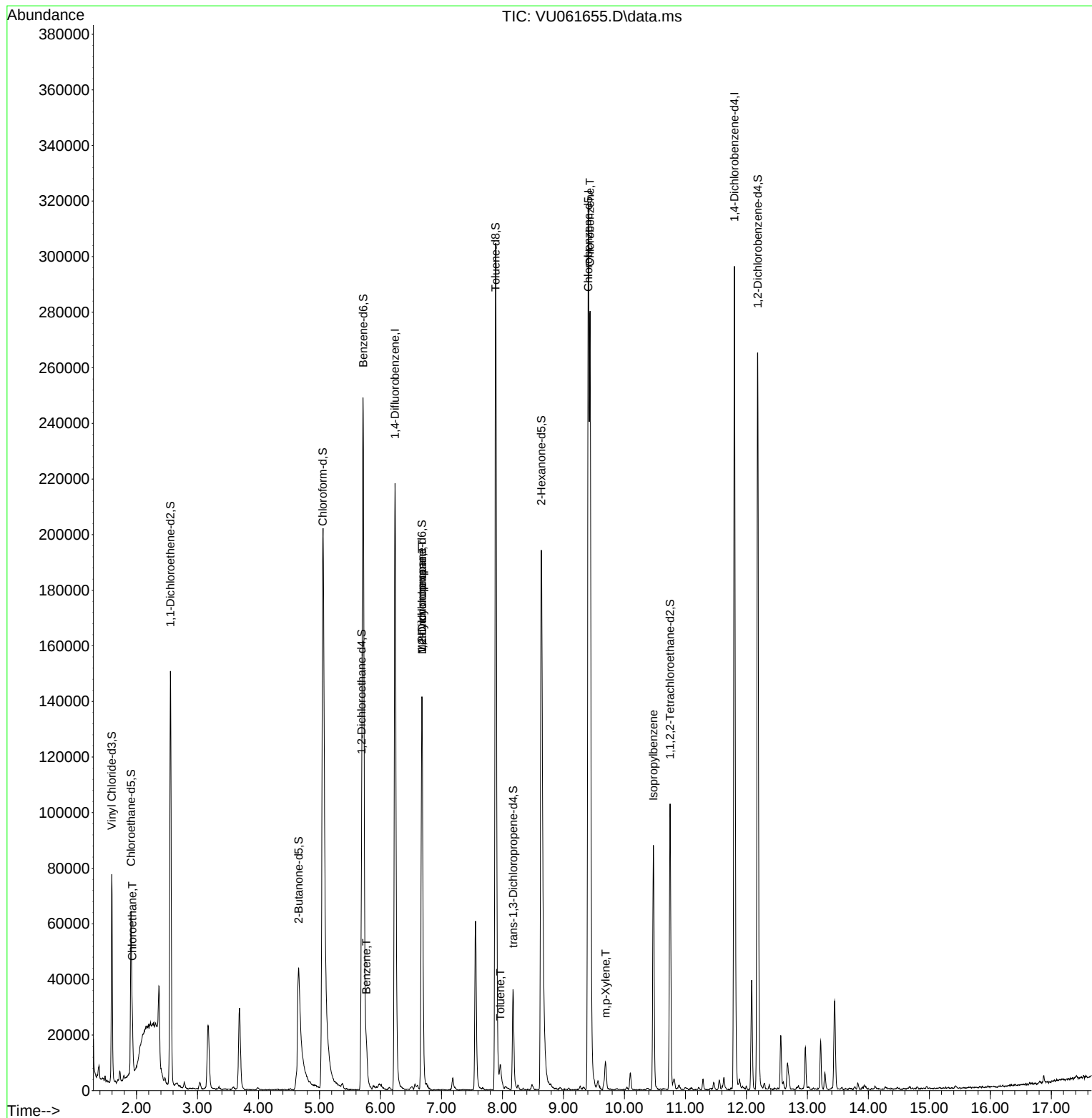
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	194439	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	180367	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	81476	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	53743	4.278	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	85.600%	
7) Chloroethane-d5	1.911	69	45414	4.234	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	84.600%	
11) 1,1-Dichloroethene-d2	2.557	65	27152	4.817	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	96.400%	
20) 2-Butanone-d5	4.660	46	102035	38.265	ug/L	0.04
Spiked Amount	50.000	Range 40 - 130	Recovery	=	76.540%	
24) Chloroform-d	5.052	84	112671	4.512	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.200%	
26) 1,2-Dichloroethane-d4	5.692	65	54536	4.551	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.000%	
32) Benzene-d6	5.717	84	244477	4.900	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.000%	
36) 1,2-Dichloropropane-d6	6.679	67	71056	4.828	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	96.600%	
41) Toluene-d8	7.888	98	219962	4.729	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.600%	
43) trans-1,3-Dichloroprop...	8.177	79	20938	3.862	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	77.200%	
46) 2-Hexanone-d5	8.637	63	97854	45.681	ug/L	0.01
Spiked Amount	50.000	Range 45 - 130	Recovery	=	91.360%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	50659	4.366	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	87.400%	
66) 1,2-Dichlorobenzene-d4	12.187	152	74791	5.154	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.000%	
Target Compounds						
8) Chloroethane	1.930	64	11358	1.132	ug/L	83
33) Benzene	5.769	78	15012	0.275	ug/L	100
35) Methylcyclohexane	6.682	83	16374	0.737	ug/L #	22
37) 1,2-Dichloropropane	6.682	63	7627	0.551	ug/L #	89
42) Toluene	7.965	91	6706	0.114	ug/L	96
51) Chlorobenzene	9.438	112	154122	4.074	ug/L	98
53) m,p-Xylene	9.692	106	3193	0.133	ug/L	91
60) Isopropylbenzene	10.476	105	59669	1.056	ug/L	98

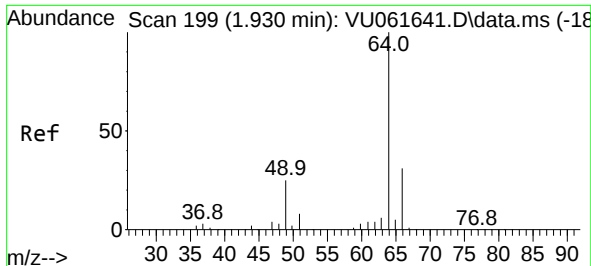
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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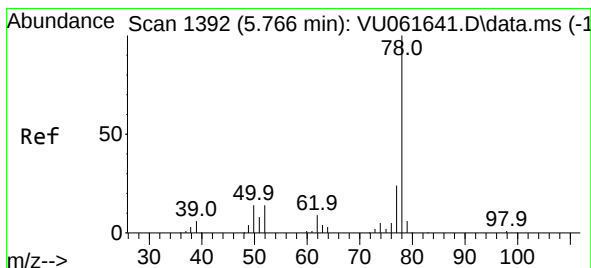
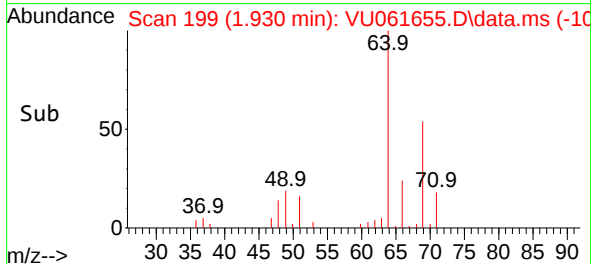
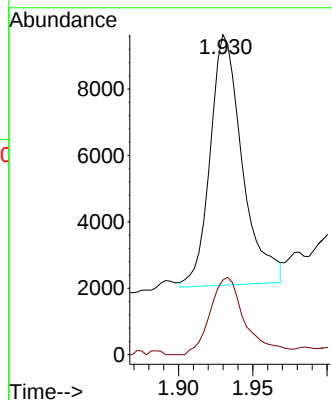
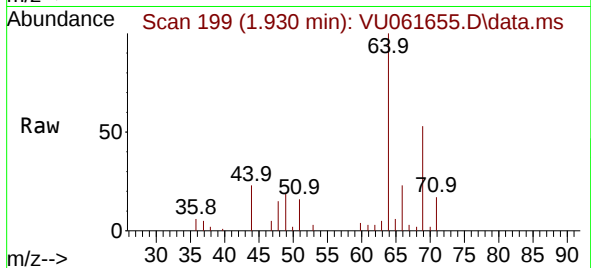




#8
Chloroethane
Concen: 1.132 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU061655.D
Acq: 14 Nov 2024 04:40

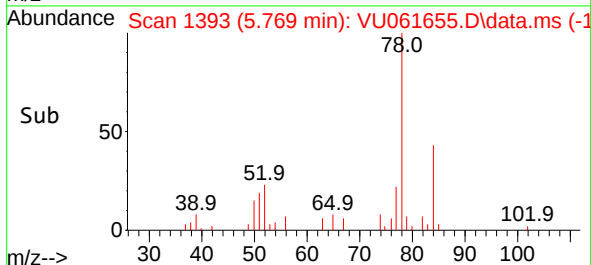
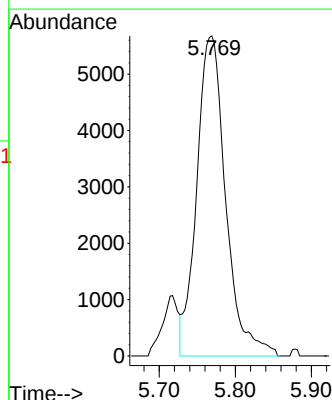
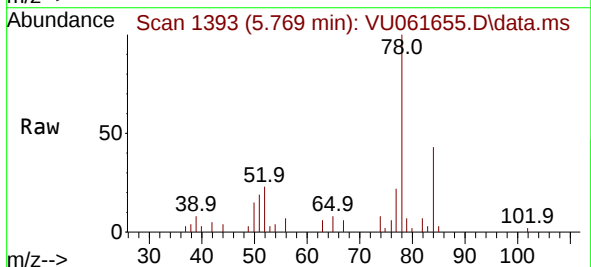
Instrument :
MSVOA_U
ClientSampleId :

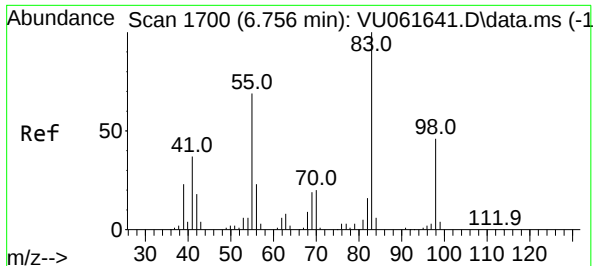
Tgt Ion: 64 Resp: 11358
Ion Ratio Lower Upper
64 100
66 23.3 23.1 42.9



#33
Benzene
Concen: 0.275 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.003 min
Lab File: VU061655.D
Acq: 14 Nov 2024 04:40

Tgt Ion: 78 Resp: 15012





#35

Methylcyclohexane

Concen: 0.737 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU061655.D

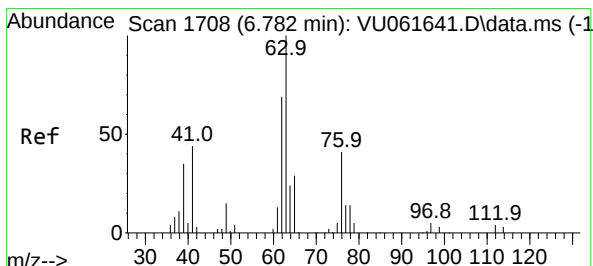
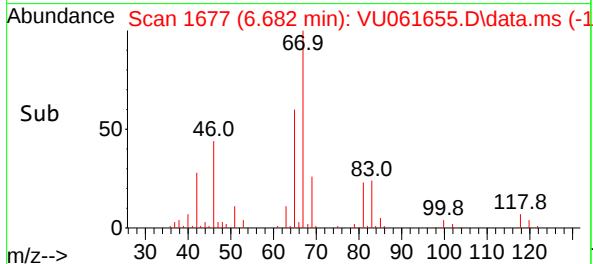
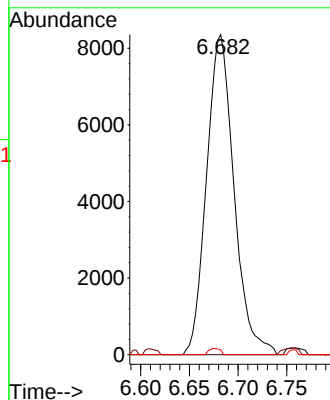
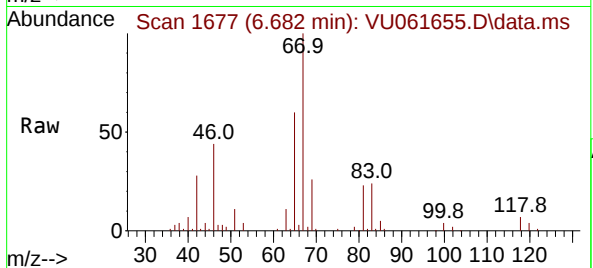
Acq: 14 Nov 2024 04:40

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 16374
Ion Ratio	Lower Upper
83 100	
55 0.8	56.4 84.6#
98 0.8	37.7 56.5#



#37

1,2-Dichloropropane

Concen: 0.551 ug/L

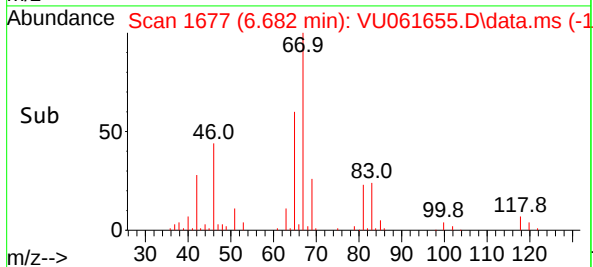
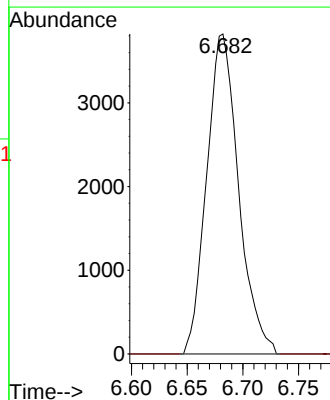
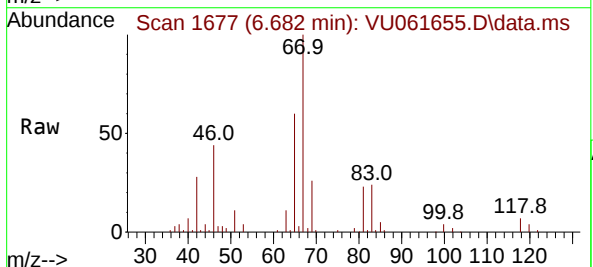
RT: 6.682 min Scan# 1677

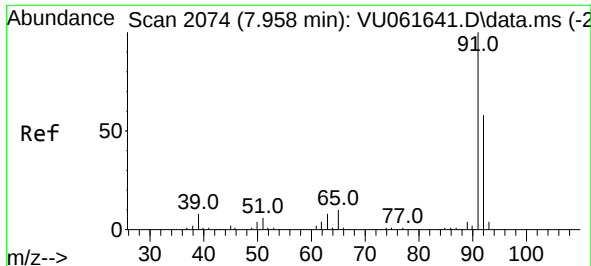
Delta R.T. -0.100 min

Lab File: VU061655.D

Acq: 14 Nov 2024 04:40

Tgt Ion: 63	Resp: 7627
Ion Ratio	Lower Upper
63 100	
112 0.0	3.0 4.4#





#42

Toluene

Concen: 0.114 ug/L

RT: 7.965 min Scan# 2074

Delta R.T. 0.007 min

Lab File: VU061655.D

Acq: 14 Nov 2024 04:40

Instrument :

MSVOA_U

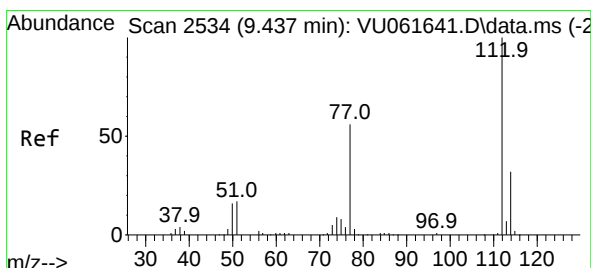
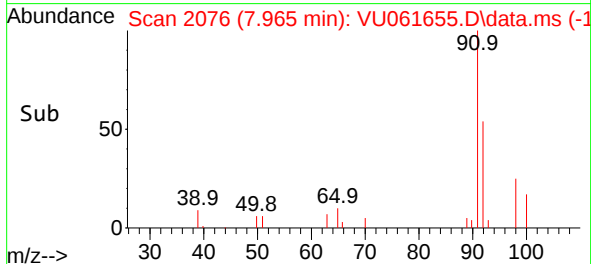
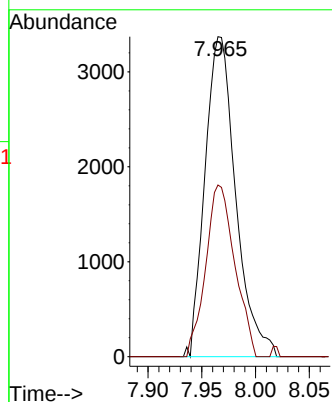
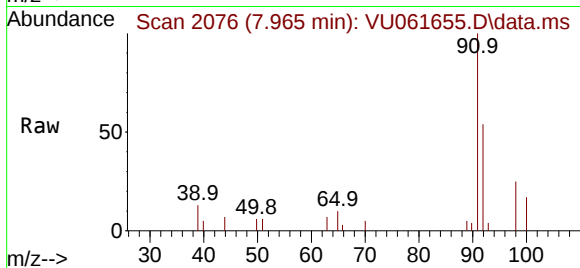
ClientSampleId :

Tgt Ion: 91 Resp: 6706

Ion Ratio Lower Upper

91 100

92 53.7 39.7 73.7



#51

Chlorobenzene

Concen: 4.074 ug/L

RT: 9.438 min Scan# 2534

Delta R.T. 0.000 min

Lab File: VU061655.D

Acq: 14 Nov 2024 04:40

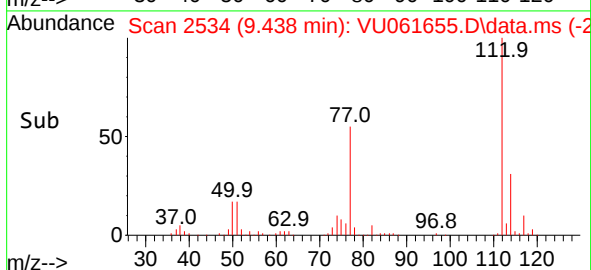
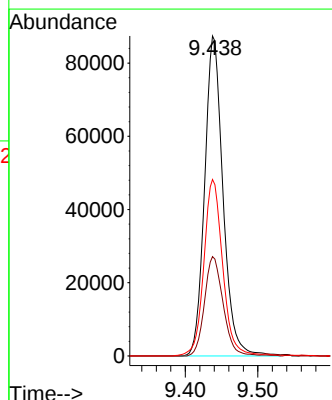
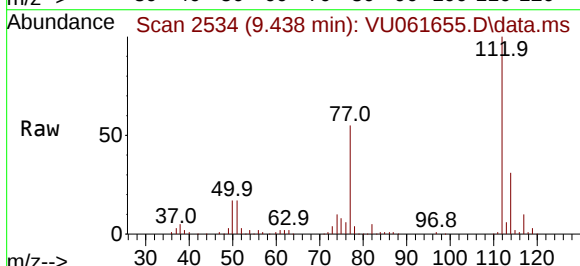
Tgt Ion: 112 Resp: 154122

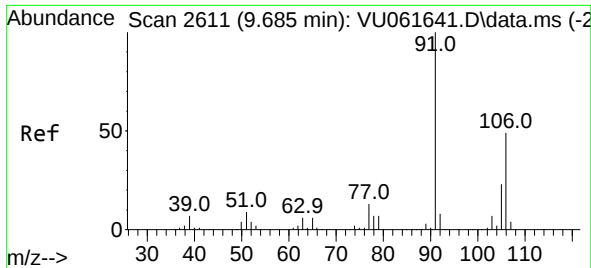
Ion Ratio Lower Upper

112 100

114 31.0 22.5 41.9

77 55.2 45.3 67.9

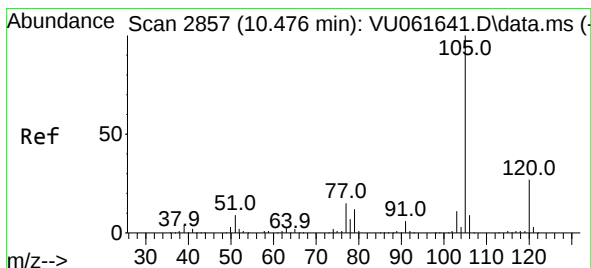
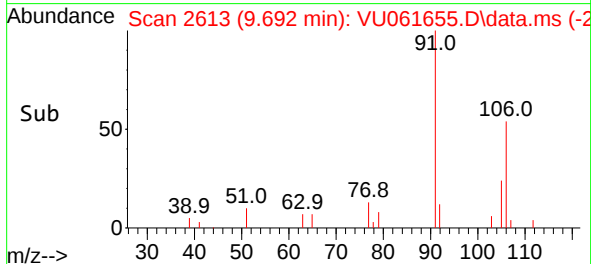
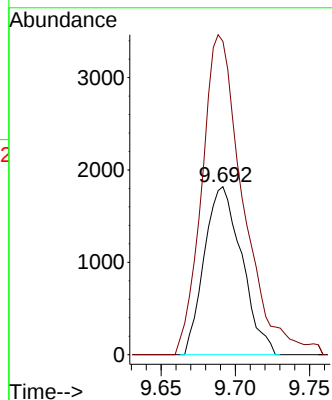
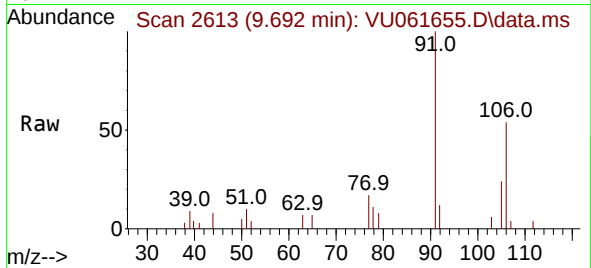




#53
m,p-Xylene
Concen: 0.133 ug/L
RT: 9.692 min Scan# 21
Delta R.T. 0.007 min
Lab File: VU061655.D
Acq: 14 Nov 2024 04:40

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:106 Resp: 3193
Ion Ratio Lower Upper
106 100
91 186.5 140.4 260.8



#60
Isopropylbenzene
Concen: 1.056 ug/L
RT: 10.476 min Scan# 2857
Delta R.T. 0.000 min
Lab File: VU061655.D
Acq: 14 Nov 2024 04:40

Tgt Ion:105 Resp: 59669
Ion Ratio Lower Upper
105 100
120 25.8 21.6 32.4
77 15.7 12.8 19.2

