

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042524\
 Data File : VU058804.D
 Acq On : 25 Apr 2024 15:03
 Operator : MD/SY
 Sample : P2305-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COAL2

Quant Time: Apr 26 02:14:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 26 02:12:29 2024
 Response via : Initial Calibration

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

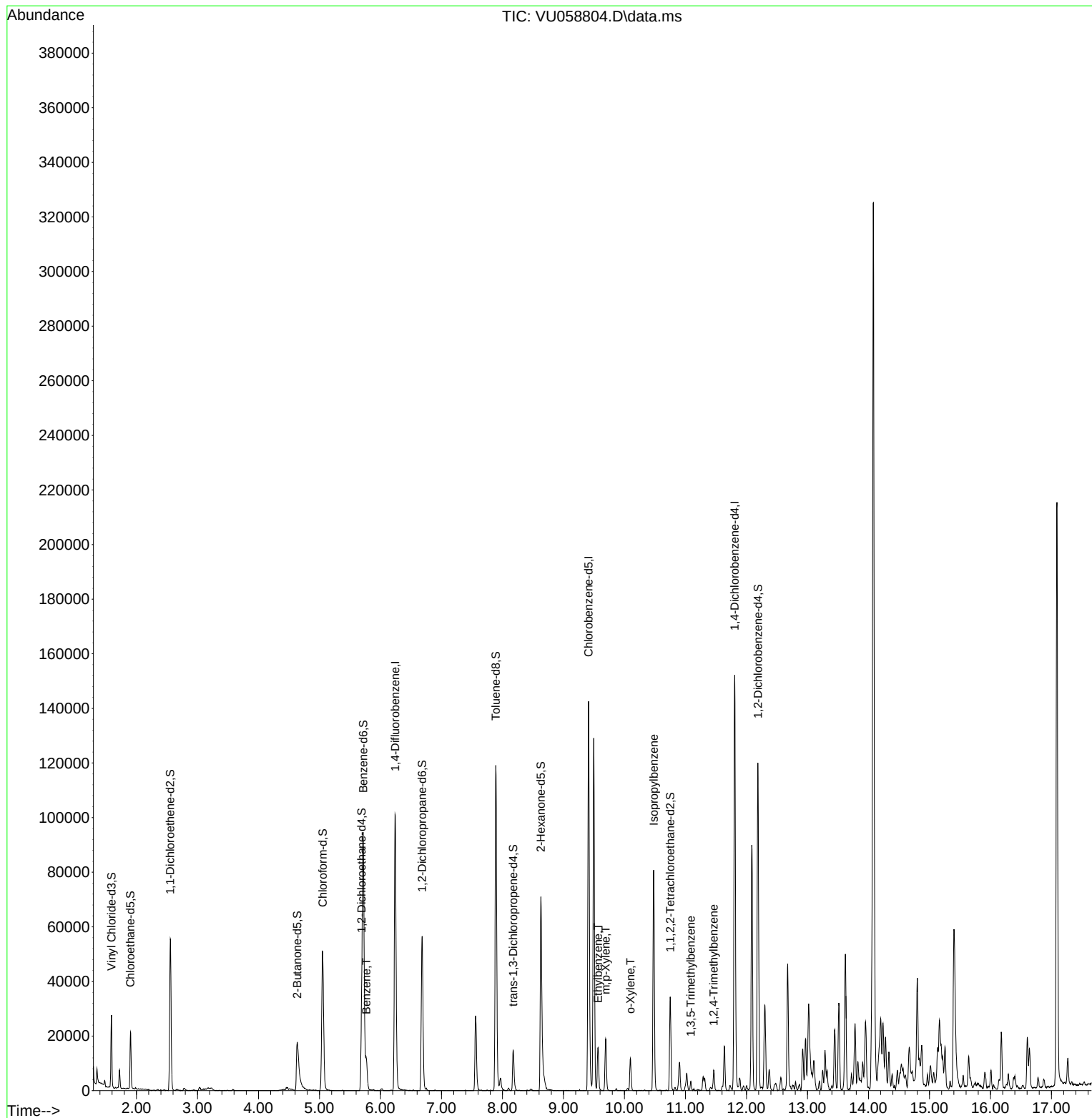
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	80526	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	78041	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	39012	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.589	65	16685	2.634	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	52.600%
7) Chloroethane-d5	1.901	69	13623	2.854	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	57.000%#
11) 1,1-Dichloroethene-d2	2.554	65	11076	3.473	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.400%
20) 2-Butanone-d5	4.634	46	31165	28.005	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	56.000%
24) Chloroform-d	5.052	84	49321	3.809	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.200%
26) 1,2-Dichloroethane-d4	5.692	65	24343	3.879	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.600%
32) Benzene-d6	5.718	84	87254	3.513	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	70.200%
36) 1,2-Dichloropropane-d6	6.682	67	23813	3.214	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	64.200%
41) Toluene-d8	7.891	98	78767	3.543	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.800%
43) trans-1,3-Dichloroprop...	8.177	79	9532	3.534	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.600%
46) 2-Hexanone-d5	8.631	63	22943	28.703	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	57.400%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	15659	3.470	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	69.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	28352	4.170	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.400%
Target Compounds						
					Qvalue	
33) Benzene	5.769	78	10906	0.404	ug/L	100
52) Ethylbenzene	9.566	91	11510	0.374	ug/L	95
53) m,p-Xylene	9.692	106	5455	0.483	ug/L	85
54) o-Xylene	10.097	106	3227	0.301	ug/L	79
60) Isopropylbenzene	10.480	105	49705	1.606	ug/L	98
62) 1,3,5-Trimethylbenzene	11.087	105	2303	0.089	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	4415	0.181	ug/L	98

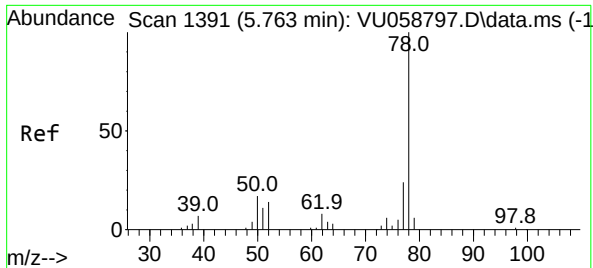
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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ClientSampleId :
C0AL2

Quant Time: Apr 26 02:14:27 2024
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Apr 26 02:12:29 2024
Response via : Initial Calibration

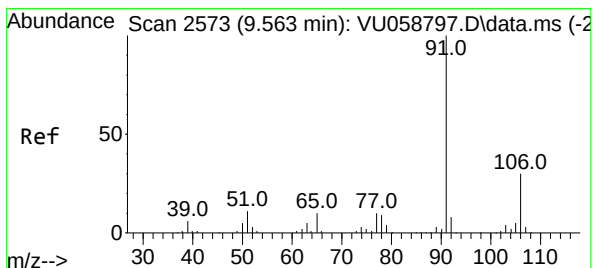
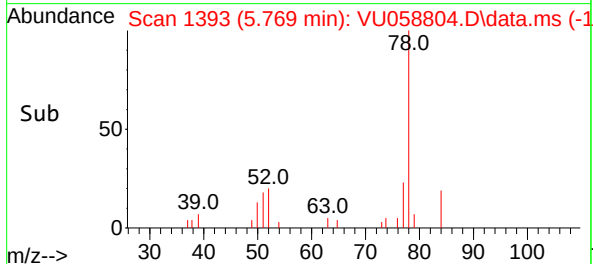
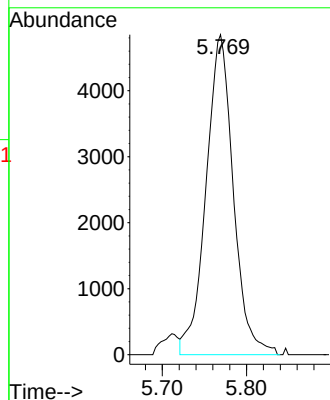
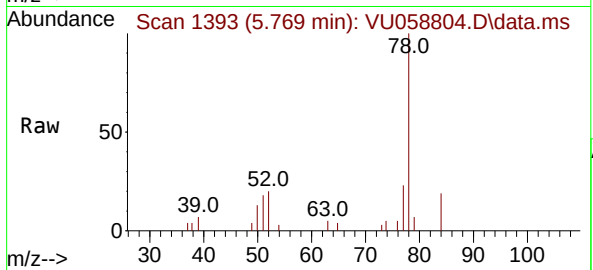




#33
Benzene
Concen: 0.404 ug/L
RT: 5.769 min Scan# 11
Delta R.T. 0.007 min
Lab File: VU058804.D
Acq: 25 Apr 2024 15:03

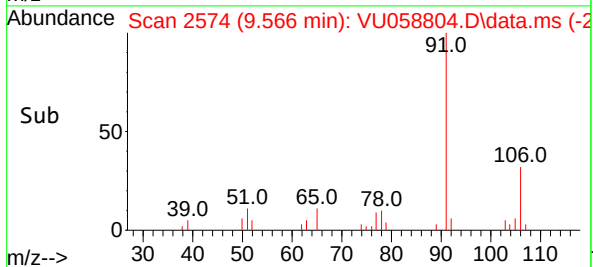
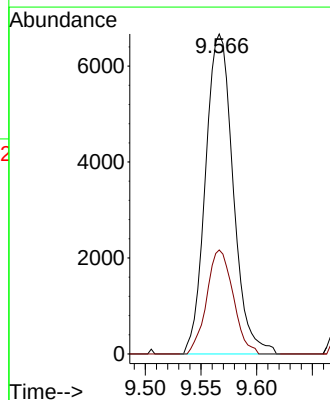
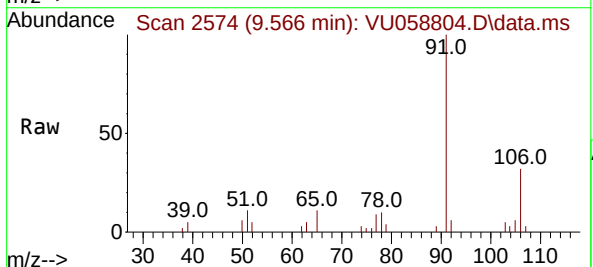
Instrument :
MSVOA_U
ClientSampleId :
C0AL2

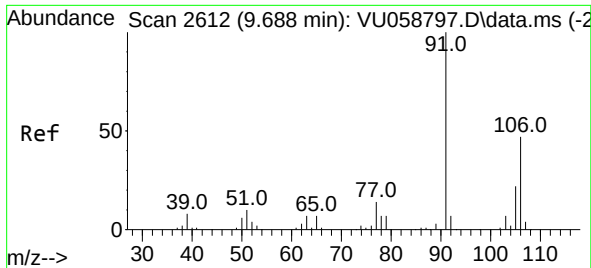
Tgt Ion: 78 Resp: 10906



#52
Ethylbenzene
Concen: 0.374 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. 0.003 min
Lab File: VU058804.D
Acq: 25 Apr 2024 15:03

Tgt Ion: 91 Resp: 11510
Ion Ratio Lower Upper
91 100
106 32.5 20.9 38.9

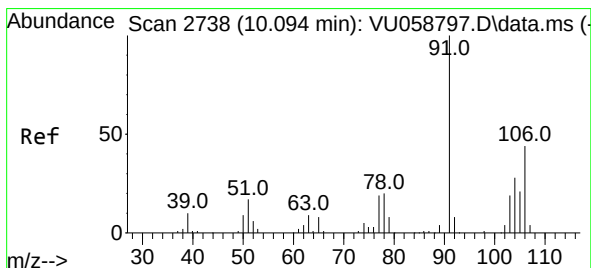
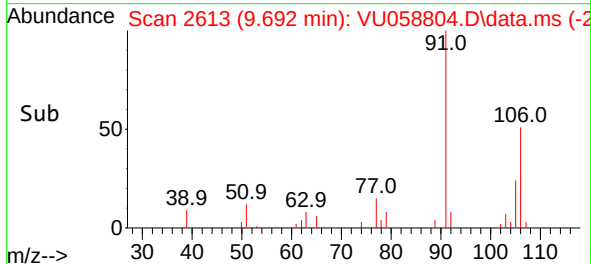
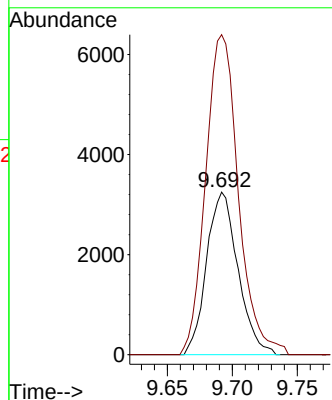
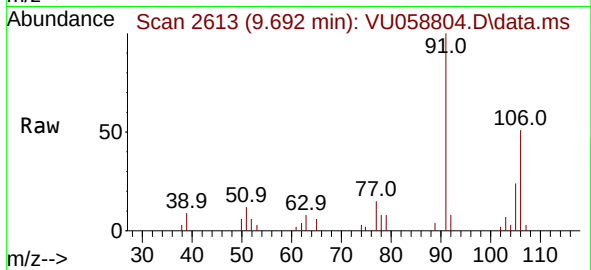




#53
m,p-Xylene
Concen: 0.483 ug/L
RT: 9.692 min Scan# 2100
Delta R.T. 0.003 min
Lab File: VU058804.D
Acq: 25 Apr 2024 15:03

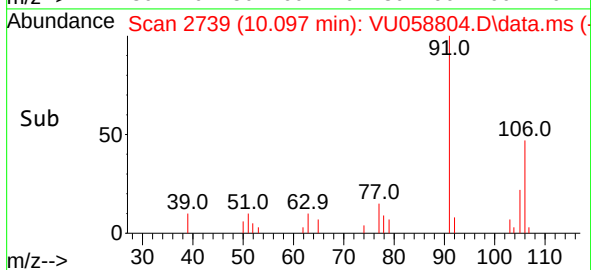
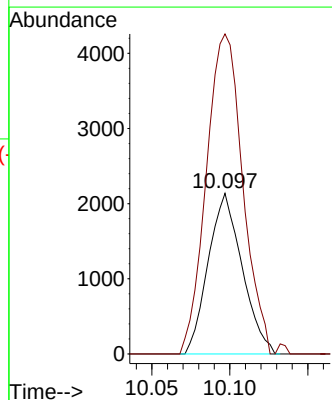
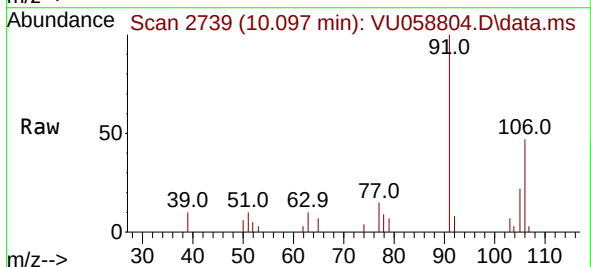
Instrument :
MSVOA_U
ClientSampleId :
C0AL2

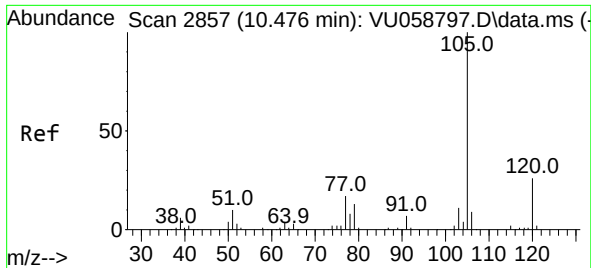
Tgt Ion:106 Resp: 5455
Ion Ratio Lower Upper
106 100
91 196.9 155.1 288.1



#54
o-Xylene
Concen: 0.301 ug/L
RT: 10.097 min Scan# 2739
Delta R.T. 0.003 min
Lab File: VU058804.D
Acq: 25 Apr 2024 15:03

Tgt Ion:106 Resp: 3227
Ion Ratio Lower Upper
106 100
91 199.2 163.7 304.1

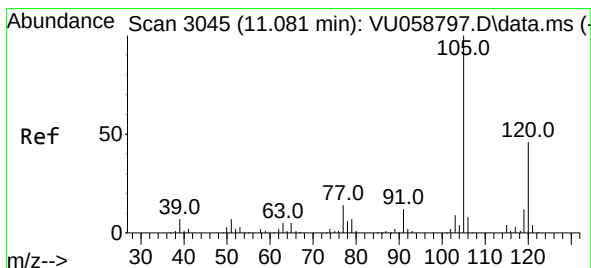
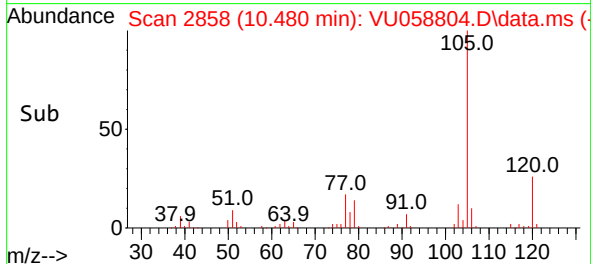
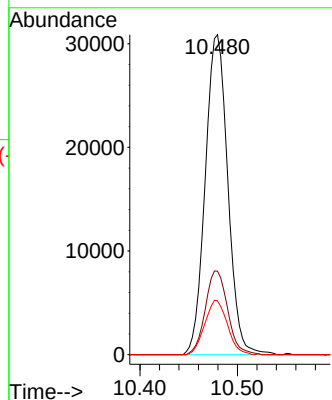
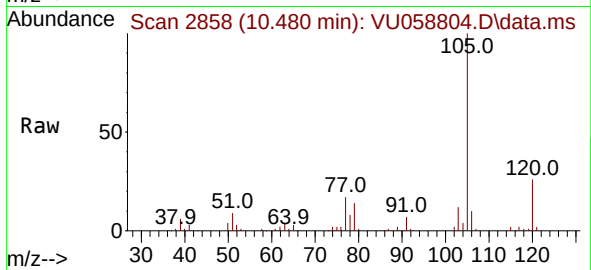




#60
Isopropylbenzene
Concen: 1.606 ug/L
RT: 10.480 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU058804.D
Acq: 25 Apr 2024 15:03

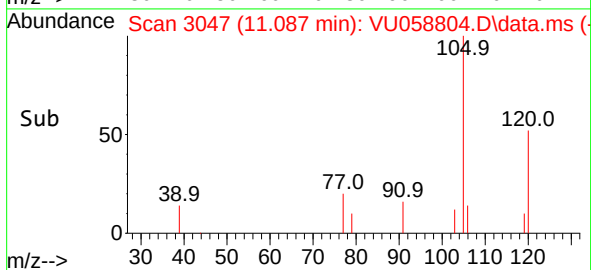
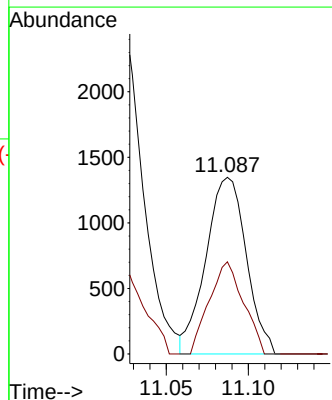
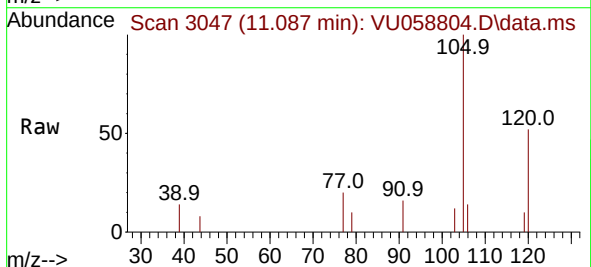
Instrument :
MSVOA_U
ClientSampleId :
C0AL2

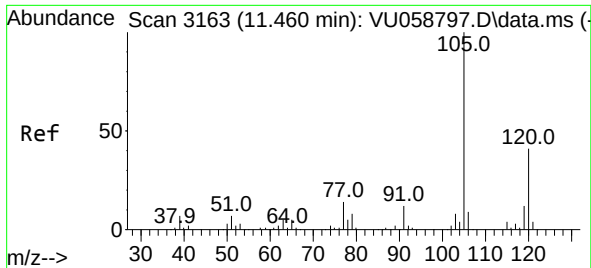
Tgt Ion:105 Resp: 49705
Ion Ratio Lower Upper
105 100
120 26.0 19.6 29.4
77 17.0 13.8 20.8



#62
1,3,5-Trimethylbenzene
Concen: 0.089 ug/L
RT: 11.087 min Scan# 3047
Delta R.T. 0.007 min
Lab File: VU058804.D
Acq: 25 Apr 2024 15:03

Tgt Ion:105 Resp: 2303
Ion Ratio Lower Upper
105 100
120 44.2 36.2 54.4





#63
 1,2,4-Trimethylbenzene
 Concen: 0.181 ug/L
 RT: 11.463 min Scan# 3164
 Delta R.T. 0.003 min
 Lab File: VU058804.D
 Acq: 25 Apr 2024 15:03

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AL2

Tgt Ion:105 Resp: 4415
 Ion Ratio Lower Upper
 105 100
 120 42.7 33.4 50.0

