

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041824\
 Data File : VU058757.D
 Acq On : 18 Apr 2024 13:04
 Operator : MD/SY
 Sample : P2181-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AK9

Quant Time: Apr 19 06:55:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 18 05:04:53 2024
 Response via : Initial Calibration

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

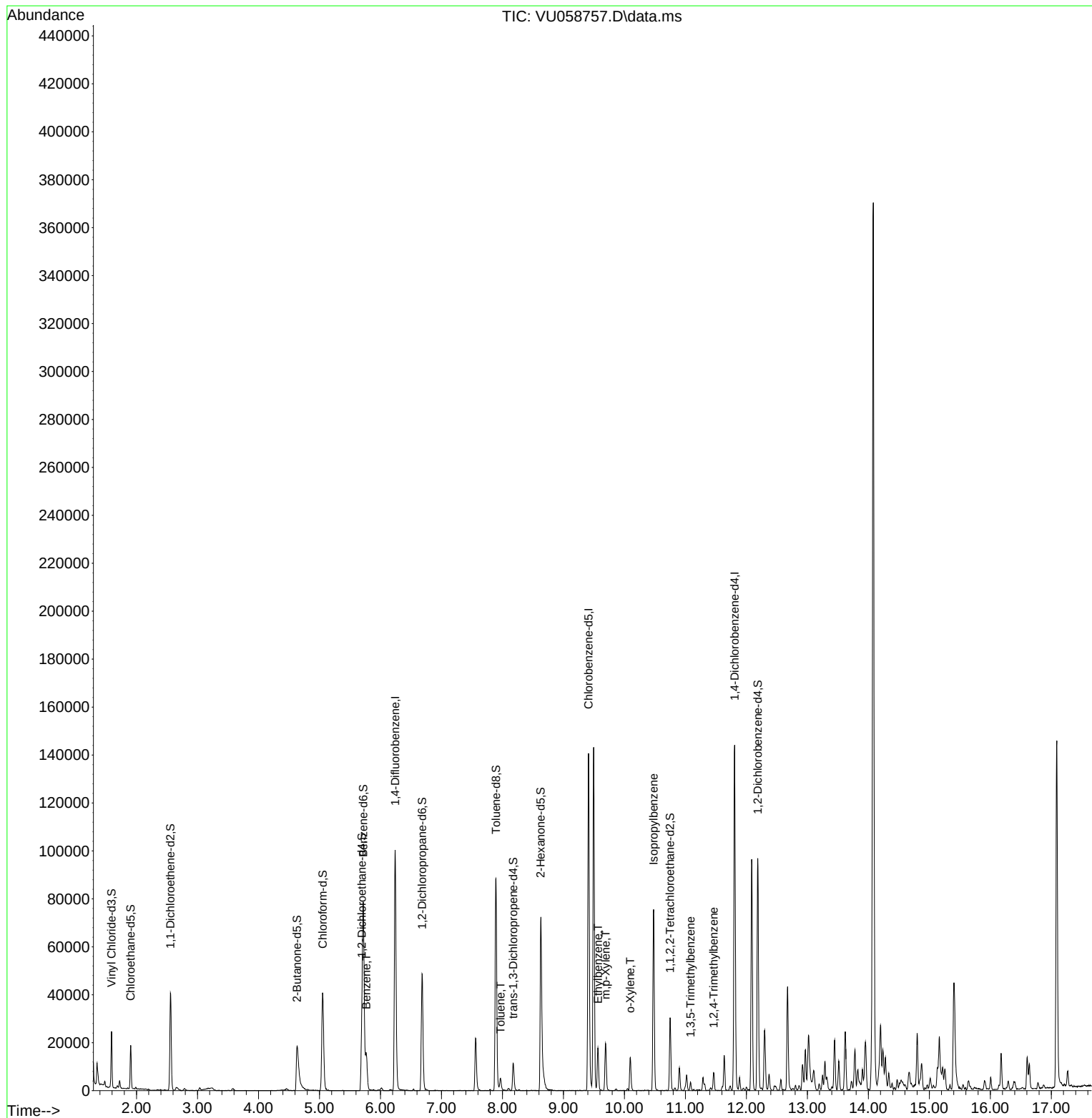
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	79563	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	75672	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	35660	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.589	65	14792	2.808	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	56.200%
7) Chloroethane-d5	1.904	69	12412	2.711	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	54.200%#
11) 1,1-Dichloroethene-d2	2.557	65	8196	3.438	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.800%
20) 2-Butanone-d5	4.631	46	35424	31.911	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	63.820%
24) Chloroform-d	5.052	84	39875	3.792	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.800%
26) 1,2-Dichloroethane-d4	5.695	65	19443	3.962	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.200%
32) Benzene-d6	5.717	84	72871	3.577	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.600%
36) 1,2-Dichloropropane-d6	6.682	67	23279	3.644	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	72.800%
41) Toluene-d8	7.894	98	60712	3.360	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.200%#
43) trans-1,3-Dichloroprop...	8.177	79	7849	3.958	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.200%
46) 2-Hexanone-d5	8.627	63	24572	30.039	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	60.080%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	14859	3.294	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	65.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	22037	3.669	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	73.400%#
Target Compounds						
					Qvalue	
33) Benzene	5.769	78	15154	0.552	ug/L	100
42) Toluene	7.968	91	3962	0.138	ug/L	90
52) Ethylbenzene	9.566	91	12375	0.406	ug/L	97
53) m,p-Xylene	9.692	106	5458	0.500	ug/L	92
54) o-Xylene	10.097	106	3771	0.352	ug/L	91
60) Isopropylbenzene	10.479	105	47629	1.824	ug/L	100
62) 1,3,5-Trimethylbenzene	11.084	105	2536	0.119	ug/L	89
63) 1,2,4-Trimethylbenzene	11.463	105	4478	0.206	ug/L	99

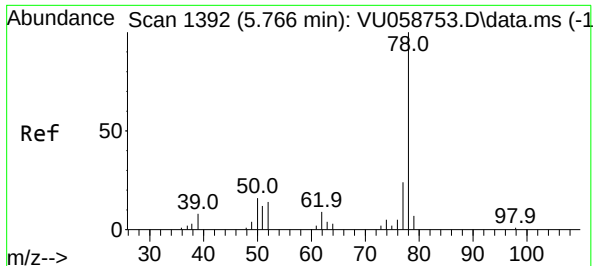
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#33

Benzene

Concen: 0.552 ug/L

RT: 5.769 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU058757.D

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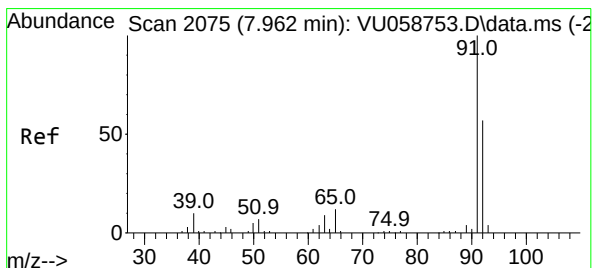
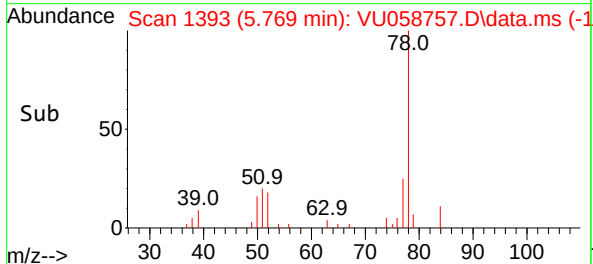
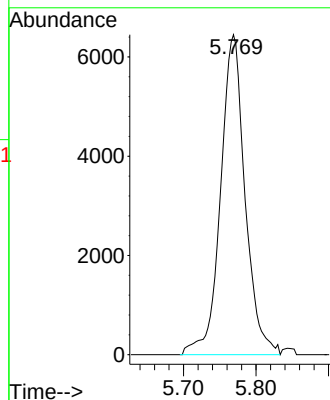
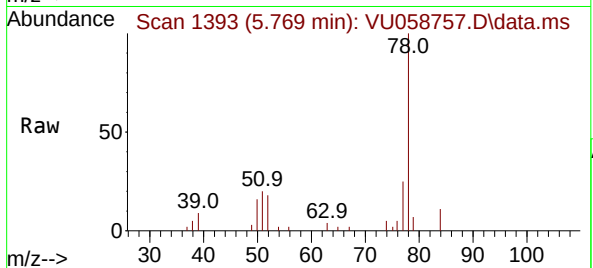
Instrument :

MSVOA_U

ClientSampleId :

C0AK9

Tgt Ion: 78 Resp: 15154



#42

Toluene

Concen: 0.138 ug/L

RT: 7.968 min Scan# 2077

Delta R.T. 0.006 min

Lab File: VU058757.D

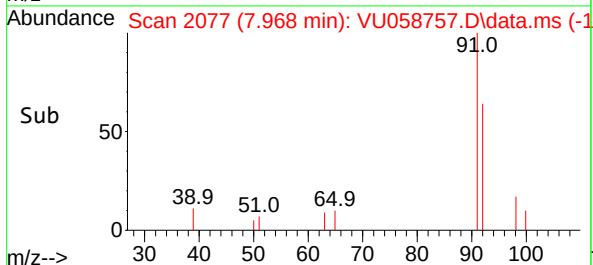
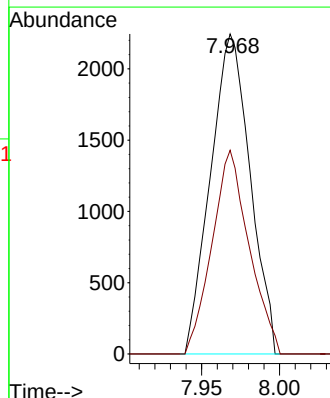
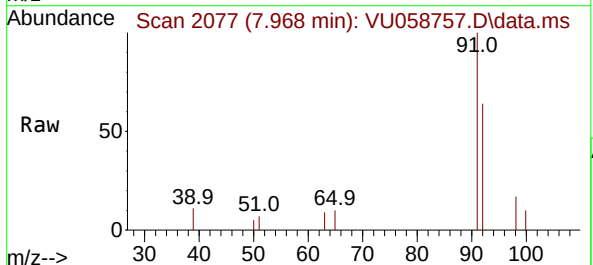
Acq: 18 Apr 2024 13:04

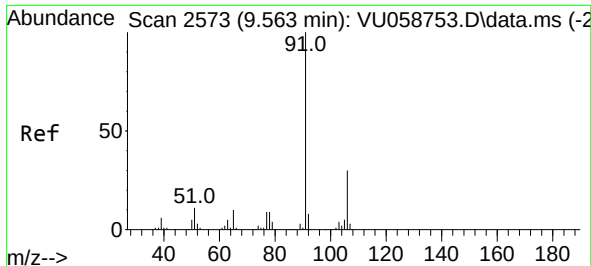
Tgt Ion: 91 Resp: 3962

Ion Ratio Lower Upper

91 100

92 63.7 39.5 73.3

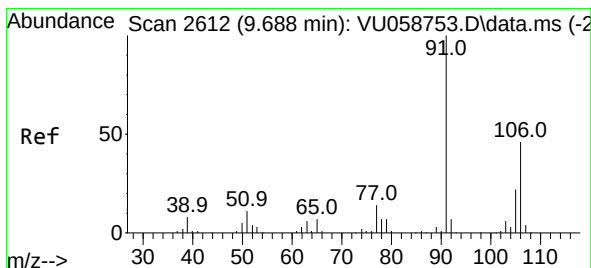
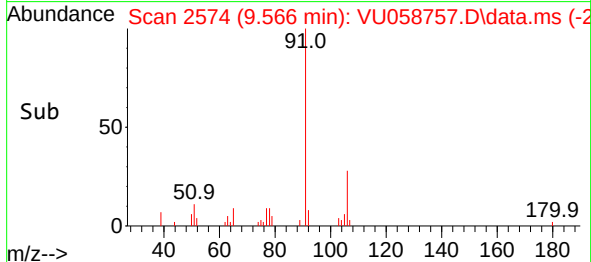
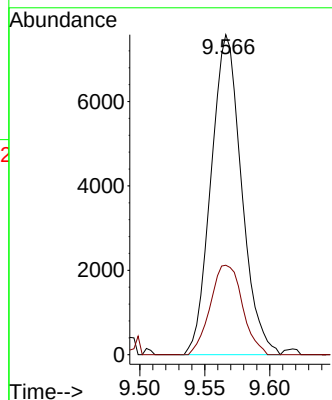
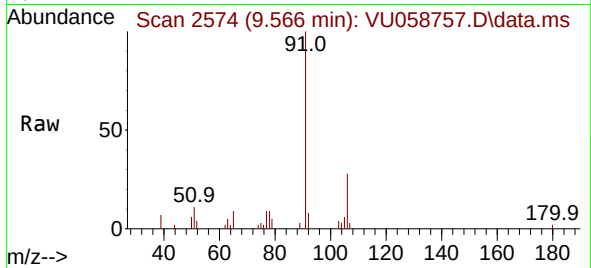




#52
Ethylbenzene
Concen: 0.406 ug/L
RT: 9.566 min Scan# 2573
Delta R.T. 0.003 min
Lab File: VU058757.D
Acq: 18 Apr 2024 13:04

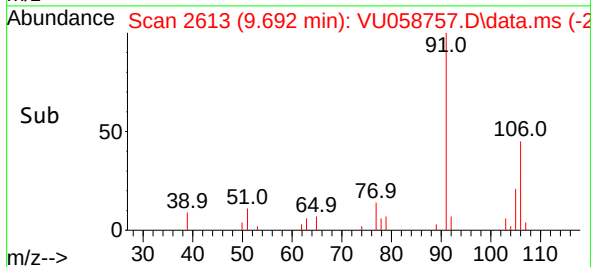
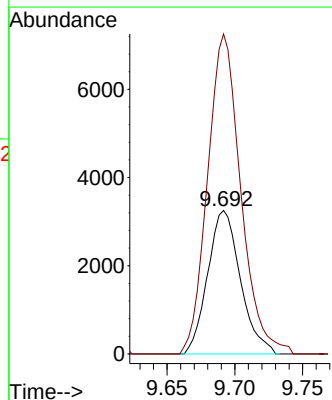
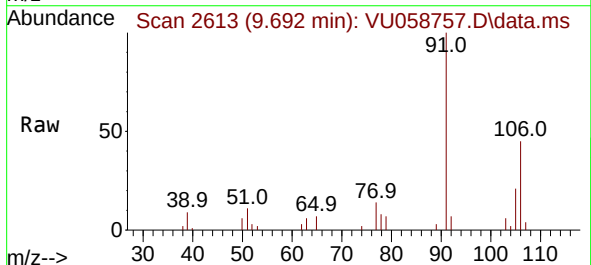
Instrument :
MSVOA_U
ClientSampleId :
C0AK9

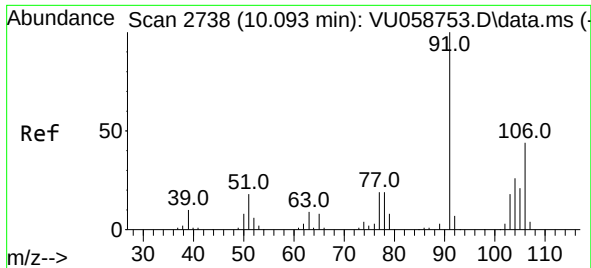
Tgt Ion: 91 Resp: 12375
Ion Ratio Lower Upper
91 100
106 27.9 20.6 38.4



#53
m,p-Xylene
Concen: 0.500 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.003 min
Lab File: VU058757.D
Acq: 18 Apr 2024 13:04

Tgt Ion: 106 Resp: 5458
Ion Ratio Lower Upper
106 100
91 223.1 147.8 274.4

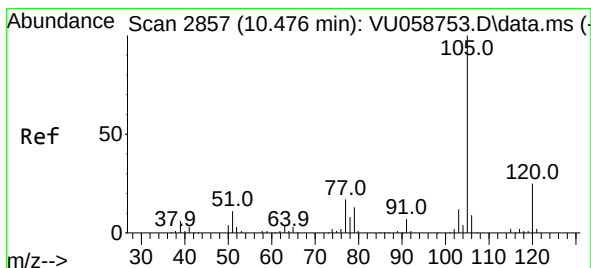
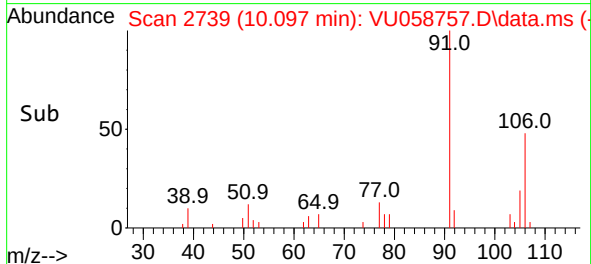
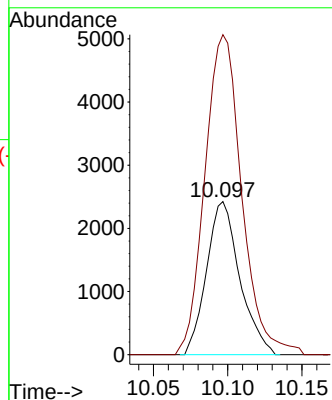
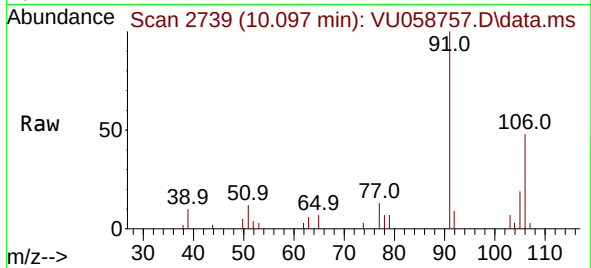




#54
o-Xylene
Concen: 0.352 ug/L
RT: 10.097 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU058757.D
Acq: 18 Apr 2024 13:04

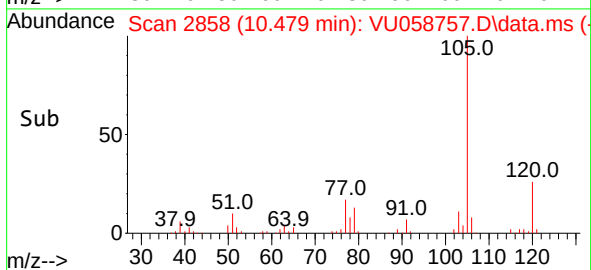
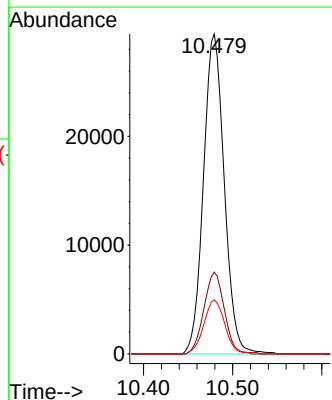
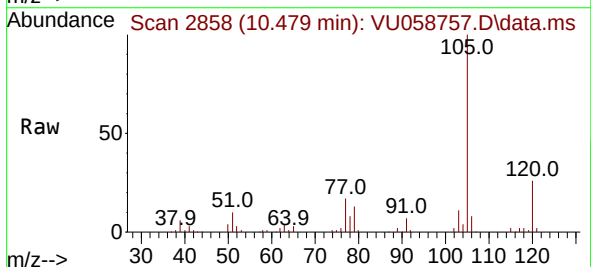
Instrument :
MSVOA_U
ClientSampleId :
C0AK9

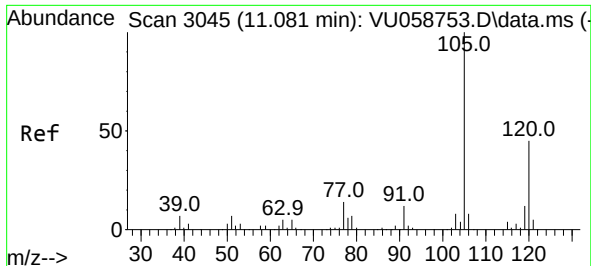
Tgt Ion:106 Resp: 3771
Ion Ratio Lower Upper
106 100
91 209.0 156.9 291.5



#60
Isopropylbenzene
Concen: 1.824 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. 0.003 min
Lab File: VU058757.D
Acq: 18 Apr 2024 13:04

Tgt Ion:105 Resp: 47629
Ion Ratio Lower Upper
105 100
120 25.1 20.2 30.4
77 17.0 13.5 20.3





#62

1,3,5-Trimethylbenzene

Concen: 0.119 ug/L

RT: 11.084 min Scan# 3045

Delta R.T. 0.003 min

Lab File: VU058757.D

Acq: 18 Apr 2024 13:04

Instrument :

MSVOA_U

ClientSampleId :

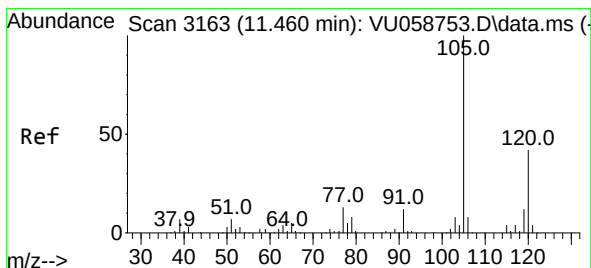
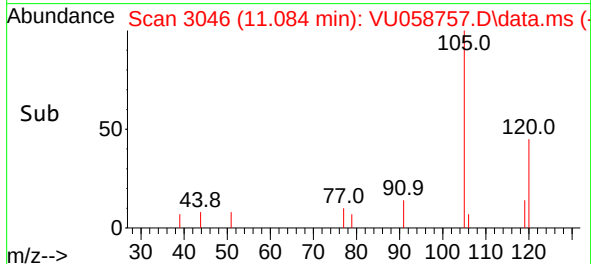
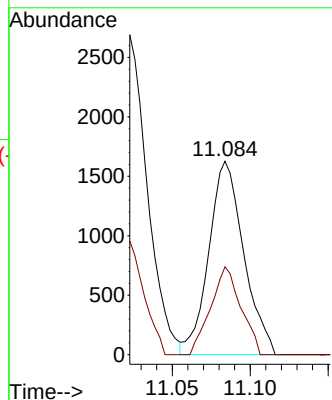
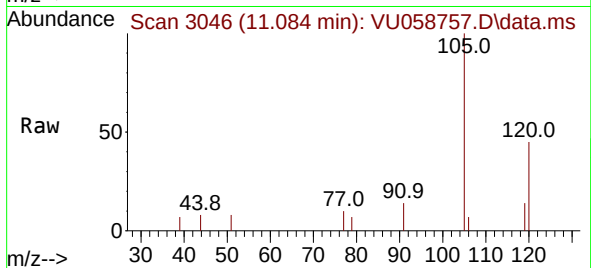
C0AK9

Tgt Ion:105 Resp: 2536

Ion Ratio Lower Upper

105 100

120 39.2 37.2 55.8



#63

1,2,4-Trimethylbenzene

Concen: 0.206 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. -0.000 min

Lab File: VU058757.D

Acq: 18 Apr 2024 13:04

Tgt Ion:105 Resp: 4478

Ion Ratio Lower Upper

105 100

120 42.9 34.7 52.1

