

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122321\
 Data File : VU046588.D
 Acq On : 24 Dec 2021 00:13
 Operator : SY/MD
 Sample : M5170-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AO6

Quant Time: Dec 24 05:00:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 24 04:54:59 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Amit Patel 12/24/2021
 Supervised By :Semsettin Yesilyurt 01/02/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	76244	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	74675	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	39802	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.591	65	19510	3.249	ug/L	-0.01
Spiked Amount 5.000	Range 40 - 130		Recovery =	65.000%		
7) Chloroethane-d5	1.909	69	16603	3.511	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	70.200%		
11) 1,1-Dichloroethene-d2	2.562	65	8721	3.444	ug/L	-0.01
Spiked Amount 5.000	Range 60 - 125		Recovery =	68.800%		
20) 2-Butanone-d5	4.752	46	63713	36.575	ug/L	0.10
Spiked Amount 50.000	Range 40 - 130		Recovery =	73.140%		
24) Chloroform-d	5.067	84	46325	4.210	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	84.200%		
26) 1,2-Dichloroethane-d4	5.710	65	27966	4.445	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	89.000%		
32) Benzene-d6	5.726	84	83656	4.019	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	80.400%		
36) 1,2-Dichloropropane-d6	6.694	67	27671	4.424	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	88.400%		
41) Toluene-d8	7.896	98	71753	3.798	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	76.000%		
43) trans-1,3-Dichloroprop...	8.182	79	11623	4.018	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	80.400%		
46) 2-Hexanone-d5	8.648	63	72418	42.636	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	85.280%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	29341	4.570	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	91.400%		
66) 1,2-Dichlorobenzene-d4	12.192	152	33756	4.604	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	92.000%		
Target Compounds					Qvalue	
13) Acetone	2.819	43	34042m	20.843	ug/L	
21) 2-Butanone	4.825	43	15608	6.299	ug/L	# 72
33) Benzene	5.771	78	8135	0.274	ug/L	100
40) 4-Methyl-2-pentanone	7.813	43	27587	4.856	ug/L	97
42) Toluene	7.970	91	19766	0.649	ug/L	96
52) Ethylbenzene	9.571	91	9262	0.294	ug/L	99
53) m,p-Xylene	9.693	106	9362	0.775	ug/L	93
54) o-Xylene	10.099	106	2956	0.255	ug/L	90
62) 1,3,5-Trimethylbenzene	11.089	105	5907	0.231	ug/L	95
63) 1,2,4-Trimethylbenzene	11.468	105	34019	1.323	ug/L	100

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

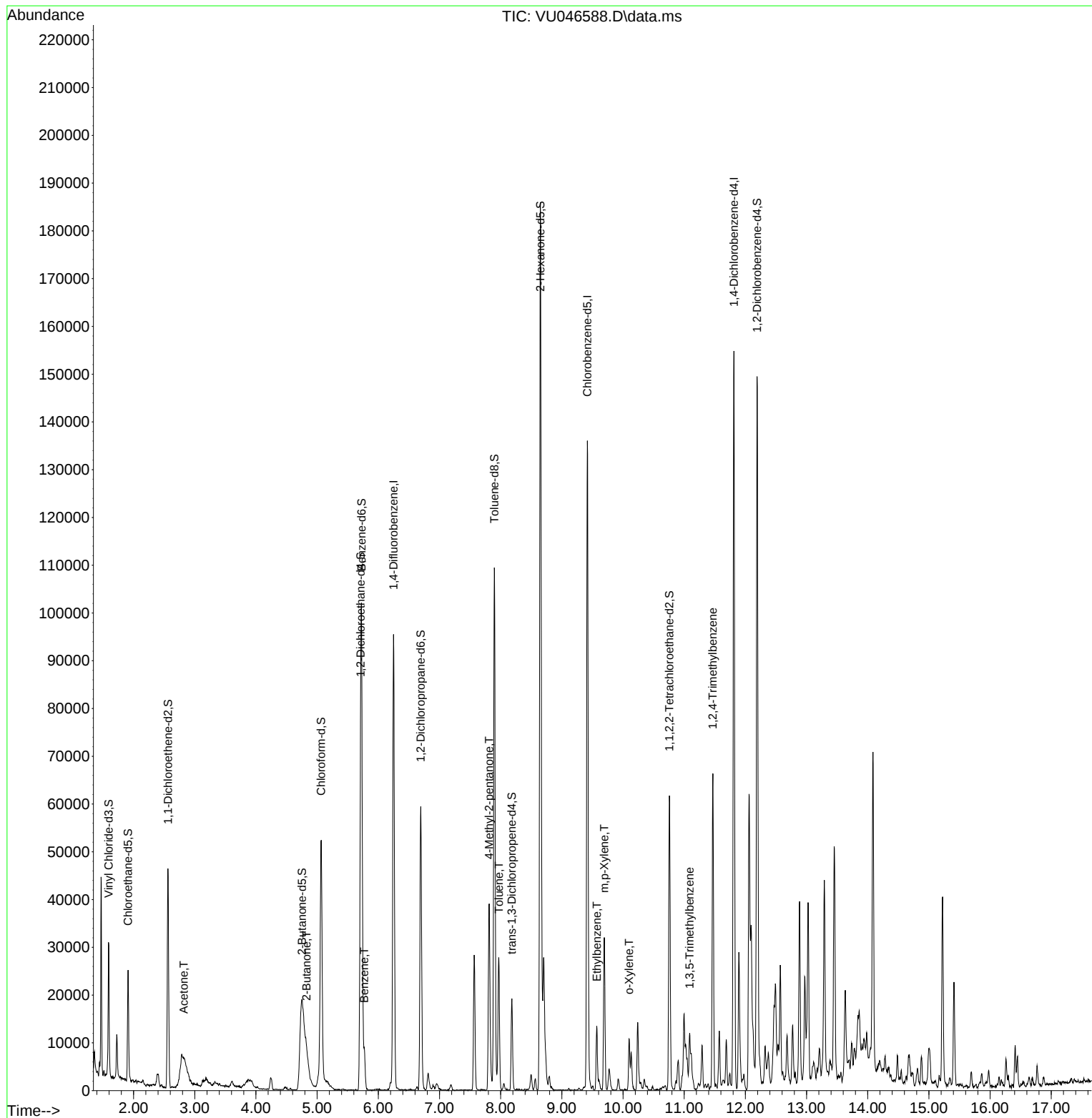
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122321\
Data File : VU046588.D
Acq On : 24 Dec 2021 00:13
Operator : SY/MD
Sample : M5170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

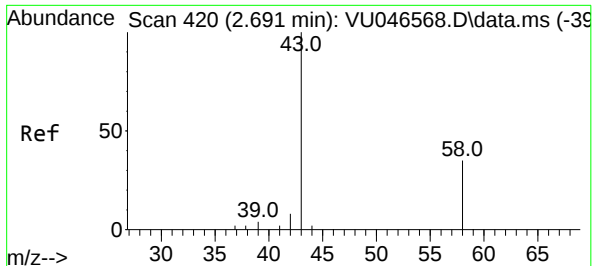
Instrument :
MSVOA_U
ClientSampleId :
H0AO6

Quant Time: Dec 24 05:00:48 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Dec 24 04:54:59 2021
Response via : Initial Calibration

Manual Integrations
APPROVED

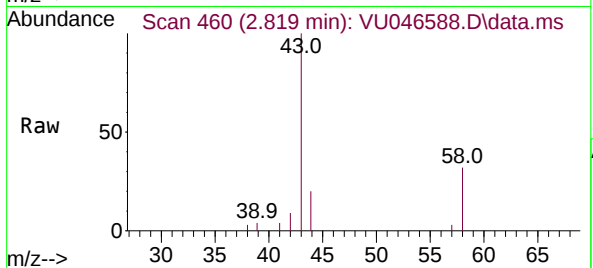
Reviewed By :Amit Patel 12/24/2021
Supervised By :Semsettin Yesilyurt 01/02/2022





#13
Acetone
Concen: 20.843 ug/L m
RT: 2.819 min Scan# 4
Delta R.T. 0.125 min
Lab File: VU046588.D
Acq: 24 Dec 2021 00:13

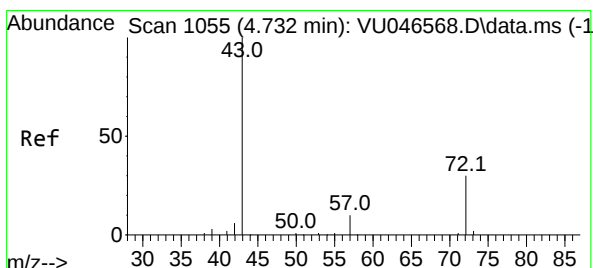
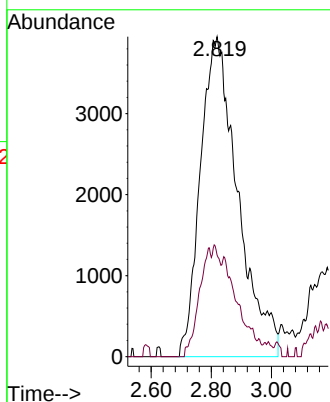
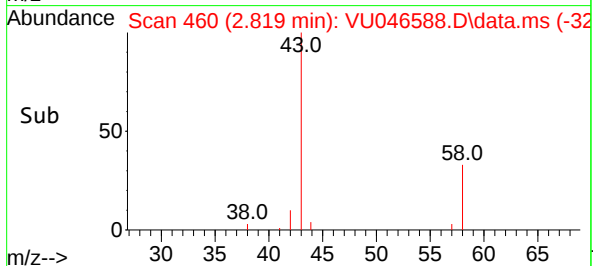
Instrument :
MSVOA_U
ClientSampleId :
H0AO6



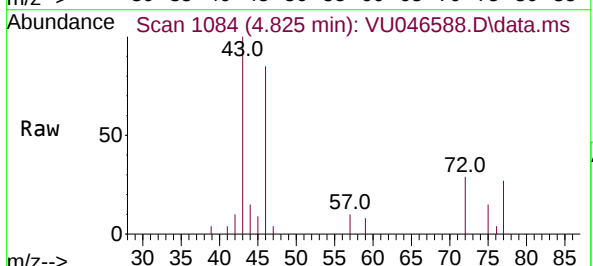
Tgt Ion: 43 Resp: 3404
Ion Ratio Lower Upper
43 100
58 1.4 0.0 71.6

Manual Integrations
APPROVED

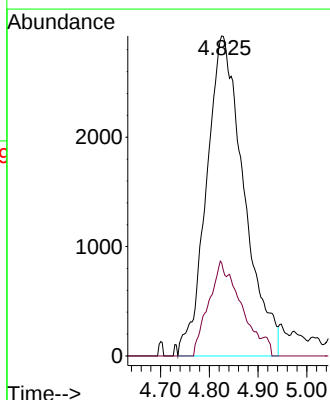
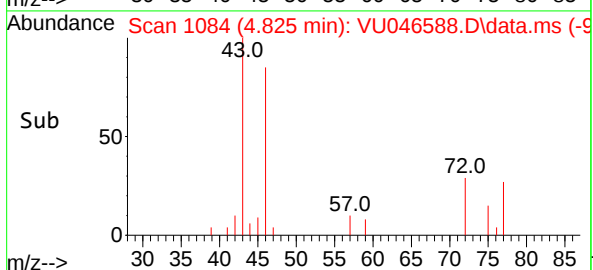
Reviewed By :Amit Patel 12/24/2021
Supervised By :Semsettin Yesilyurt 01/02/2022

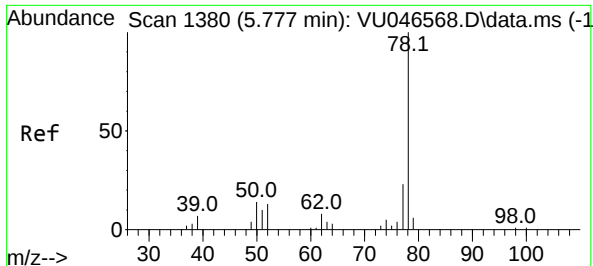


#21
2-Butanone
Concen: 6.299 ug/L
RT: 4.825 min Scan# 1084
Delta R.T. 0.090 min
Lab File: VU046588.D
Acq: 24 Dec 2021 00:13



Tgt Ion: 43 Resp: 15608
Ion Ratio Lower Upper
43 100
72 13.6 14.1 42.3#





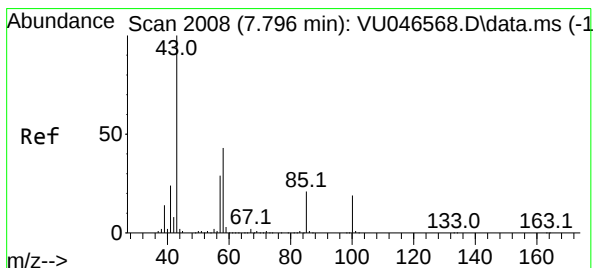
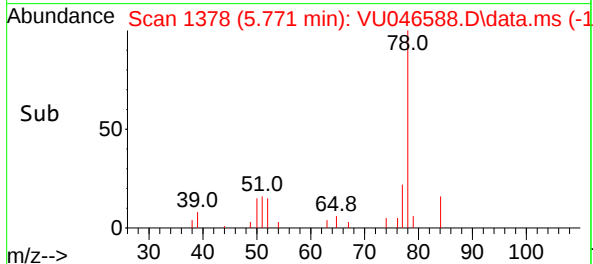
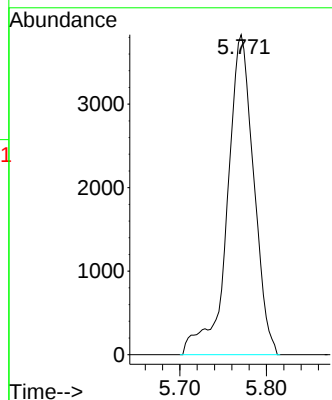
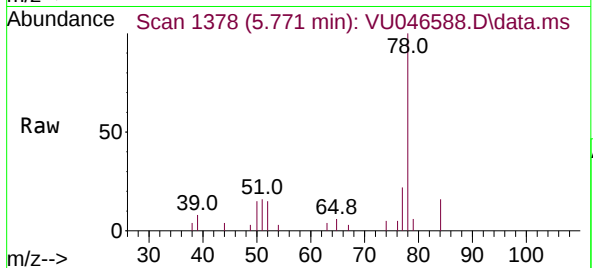
#33
Benzene
Concen: 0.274 ug/L
RT: 5.771 min Scan# 11
Delta R.T. -0.006 min
Lab File: VU046588.D
Acq: 24 Dec 2021 00:13

Instrument :
MSVOA_U
ClientSampleId :
H0AO6

Tgt Ion: 78 Resp: 813

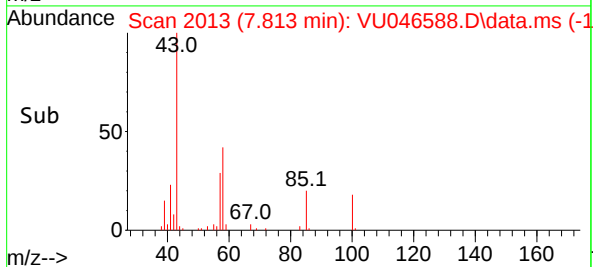
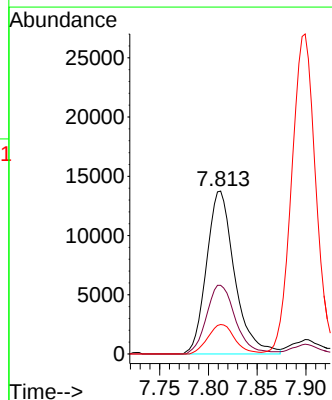
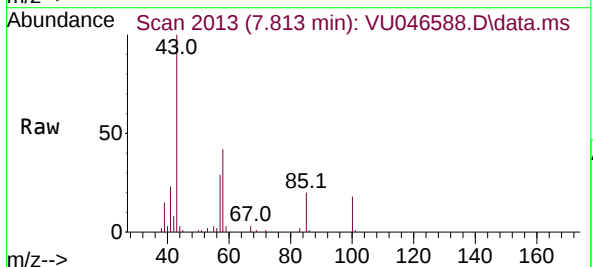
Manual Integrations
APPROVED

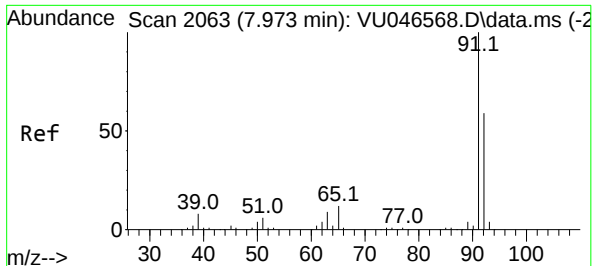
Reviewed By :Amit Patel 12/24/2021
Supervised By :Semsettin Yesilyurt 01/02/2022



#40
4-Methyl-2-pentanone
Concen: 4.856 ug/L
RT: 7.813 min Scan# 2013
Delta R.T. 0.016 min
Lab File: VU046588.D
Acq: 24 Dec 2021 00:13

Tgt Ion: 43 Resp: 27587
Ion Ratio Lower Upper
43 100
58 43.3 33.1 49.7
100 17.4 13.2 19.8





#42

Toluene

Concen: 0.649 ug/L

RT: 7.970 min Scan# 2063

Delta R.T. -0.003 min

Lab File: VU046588.D

Acq: 24 Dec 2021 00:13

Instrument :

MSVOA_U

ClientSampleId :

H0AO6

Tgt Ion: 91 Resp: 1976

Ion Ratio Lower Upper

91 100

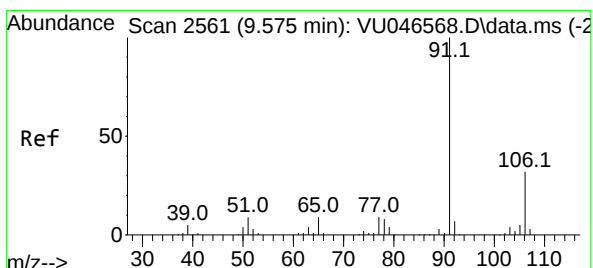
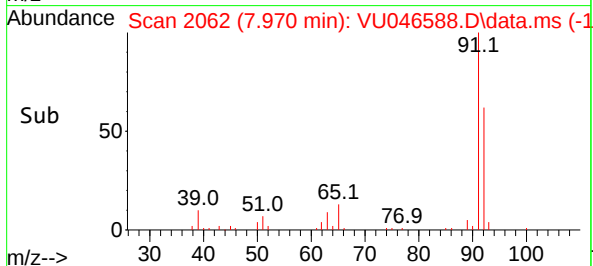
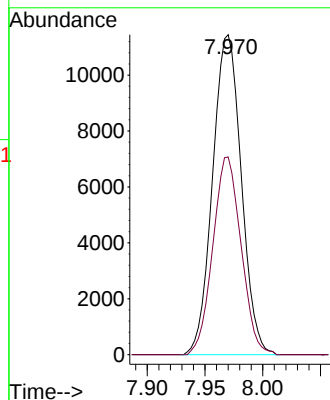
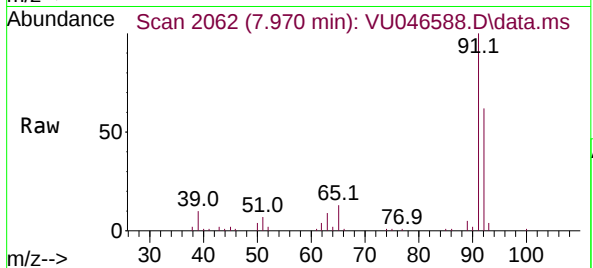
92 61.8 41.3 76.7

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/24/2021

Supervised By :Semsettin Yesilyurt 01/02/2022



#52

Ethylbenzene

Concen: 0.294 ug/L

RT: 9.571 min Scan# 2560

Delta R.T. 0.000 min

Lab File: VU046588.D

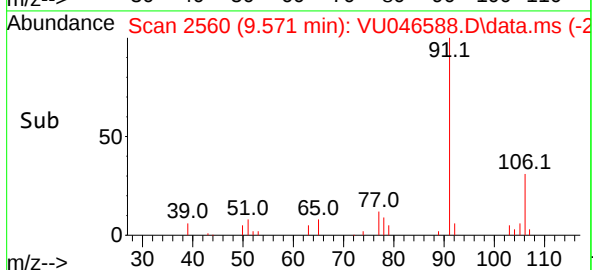
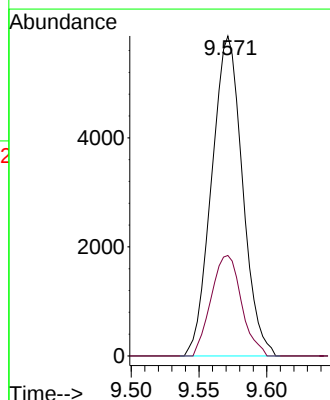
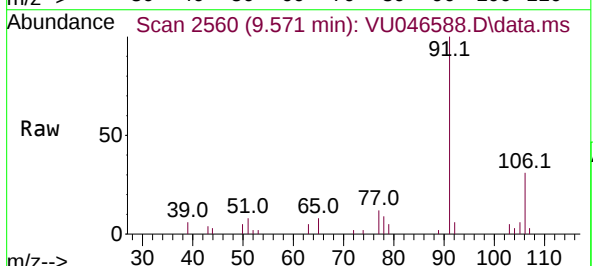
Acq: 24 Dec 2021 00:13

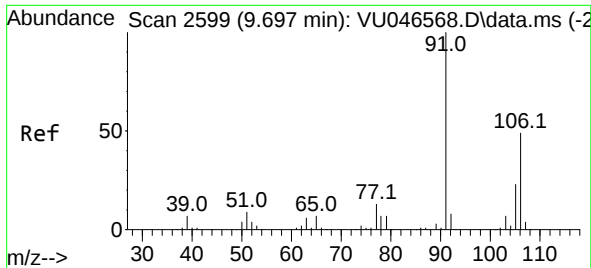
Tgt Ion: 91 Resp: 9262

Ion Ratio Lower Upper

91 100

106 31.4 21.5 39.9





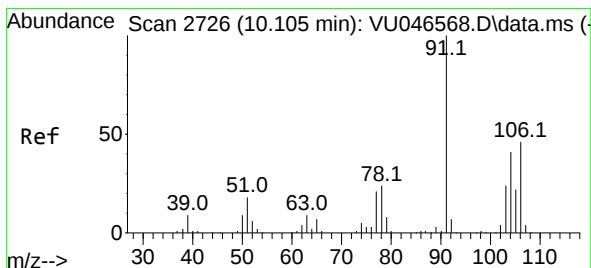
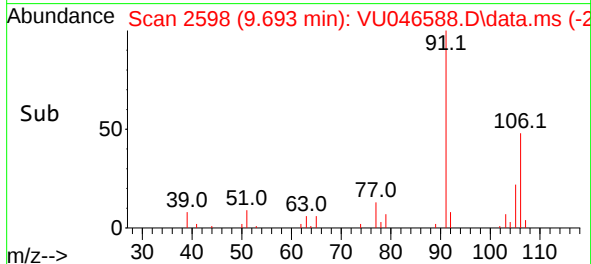
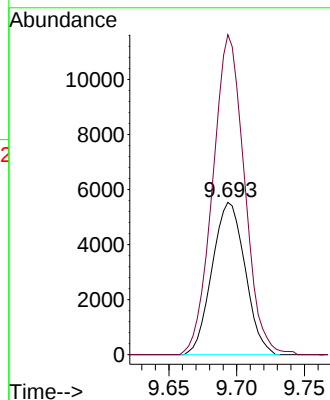
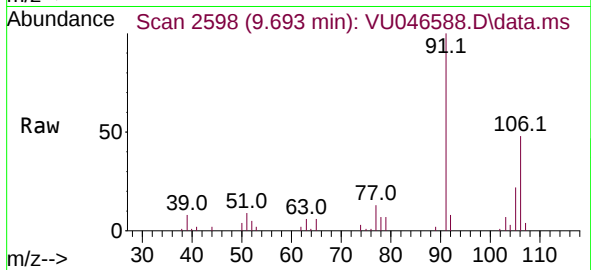
#53
m,p-Xylene
Concen: 0.775 ug/L
RT: 9.693 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046588.D
Acq: 24 Dec 2021 00:13

Instrument :
MSVOA_U
ClientSampleId :
H0AO6

Tgt Ion:106 Resp: 936
Ion Ratio Lower Upper
106 100
91 210.1 139.4 259.0

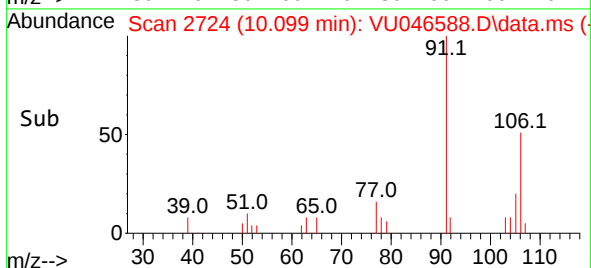
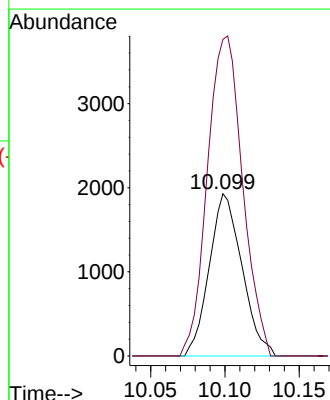
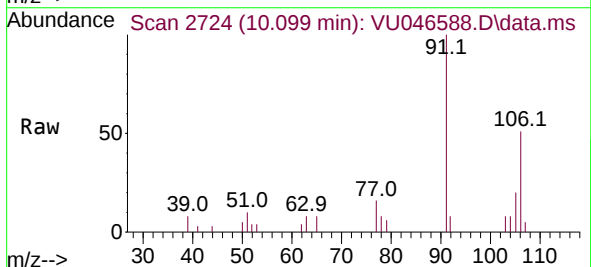
Manual Integrations
APPROVED

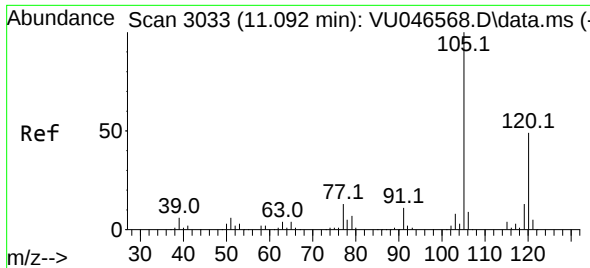
Reviewed By :Amit Patel 12/24/2021
Supervised By :Semsettin Yesilyurt 01/02/2022



#54
o-Xylene
Concen: 0.255 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. -0.003 min
Lab File: VU046588.D
Acq: 24 Dec 2021 00:13

Tgt Ion:106 Resp: 2956
Ion Ratio Lower Upper
106 100
91 195.3 147.5 273.9





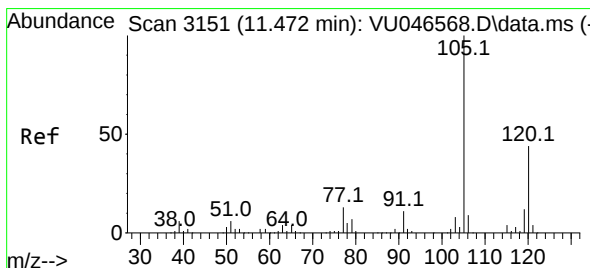
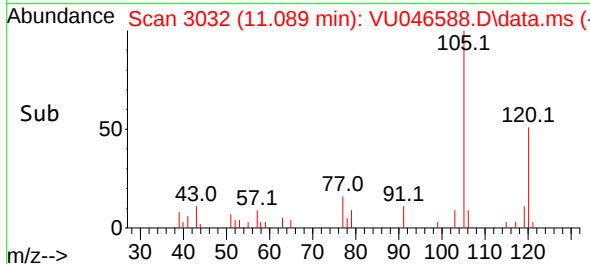
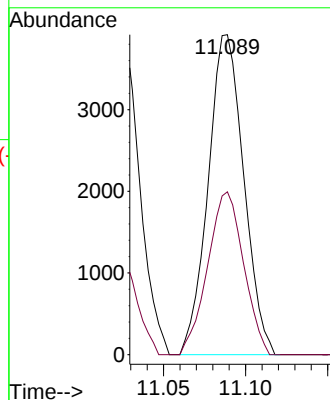
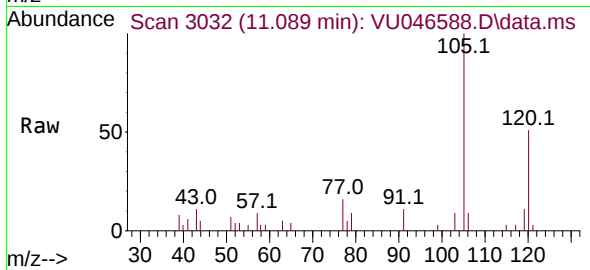
#62
1,3,5-Trimethylbenzene
Concen: 0.231 ug/L
RT: 11.089 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU046588.D
Acq: 24 Dec 2021 00:13

Instrument :
MSVOA_U
ClientSampleId :
H0AO6

Tgt Ion:105 Resp: 590
Ion Ratio Lower Upper
105 100
120 51.3 38.3 57.5

Manual Integrations
APPROVED

Reviewed By :Amit Patel 12/24/2021
Supervised By :Semsettin Yesilyurt 01/02/2022



#63
1,2,4-Trimethylbenzene
Concen: 1.323 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU046588.D
Acq: 24 Dec 2021 00:13

Tgt Ion:105 Resp: 34019
Ion Ratio Lower Upper
105 100
120 44.9 35.8 53.8

