

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062422\
 Data File : VU049384.D
 Acq On : 24 Jun 2022 13:32
 Operator : SY/MD
 Sample : N3374-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW4T7

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/28/2022
 Supervised By : Mahesh Dadoda 06/28/2022

Quant Time: Jun 25 00:16:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 25 00:13:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	105820	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	101950	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	53665	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	25049	2.709	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	54.200%
7) Chloroethane-d5	1.916	69	22072	3.526	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.600%
11) 1,1-Dichloroethene-d2	2.568	65	11744	3.158	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.200%
20) 2-Butanone-d5	4.642	46	122820	49.748	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.500%
24) Chloroform-d	5.067	84	66388	4.576	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	5.703	65	39876	5.011	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
32) Benzene-d6	5.729	84	126378	4.115	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.200%
36) 1,2-Dichloropropane-d6	6.690	67	47063	4.515	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.200%
41) Toluene-d8	7.899	98	110706	4.003	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.000%
43) trans-1,3-Dichloroprop...	8.182	79	14407	3.111	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	62.200%
46) 2-Hexanone-d5	8.636	63	87017	46.580	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.160%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	42842	5.133	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	48973	4.756	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.200%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.391	85	1336	0.148	ug/L	94
13) Acetone	2.652	43	47988	39.273	ug/L	94
14) Carbon disulfide	2.793	76	3379	0.172	ug/L	98
17) Methyl tert-butyl Ether	3.366	73	24224	1.346	ug/L #	81
30) Cyclohexane	5.391	56	1791	0.129	ug/L #	82
33) Benzene	5.780	78	9651	0.318	ug/L	100
42) Toluene	7.970	91	13081	0.407	ug/L	97
54) o-Xylene	10.105	106	1668	0.129	ug/L	90
60) Isopropylbenzene	10.484	105	7041	0.193	ug/L	97
62) 1,3,5-Trimethylbenzene	11.089	105	3098	0.096	ug/L	98
63) 1,2,4-Trimethylbenzene	11.471	105	6724m	0.210	ug/L	
65) 1,4-Dichlorobenzene	11.841	146	1697	0.110	ug/L	91

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

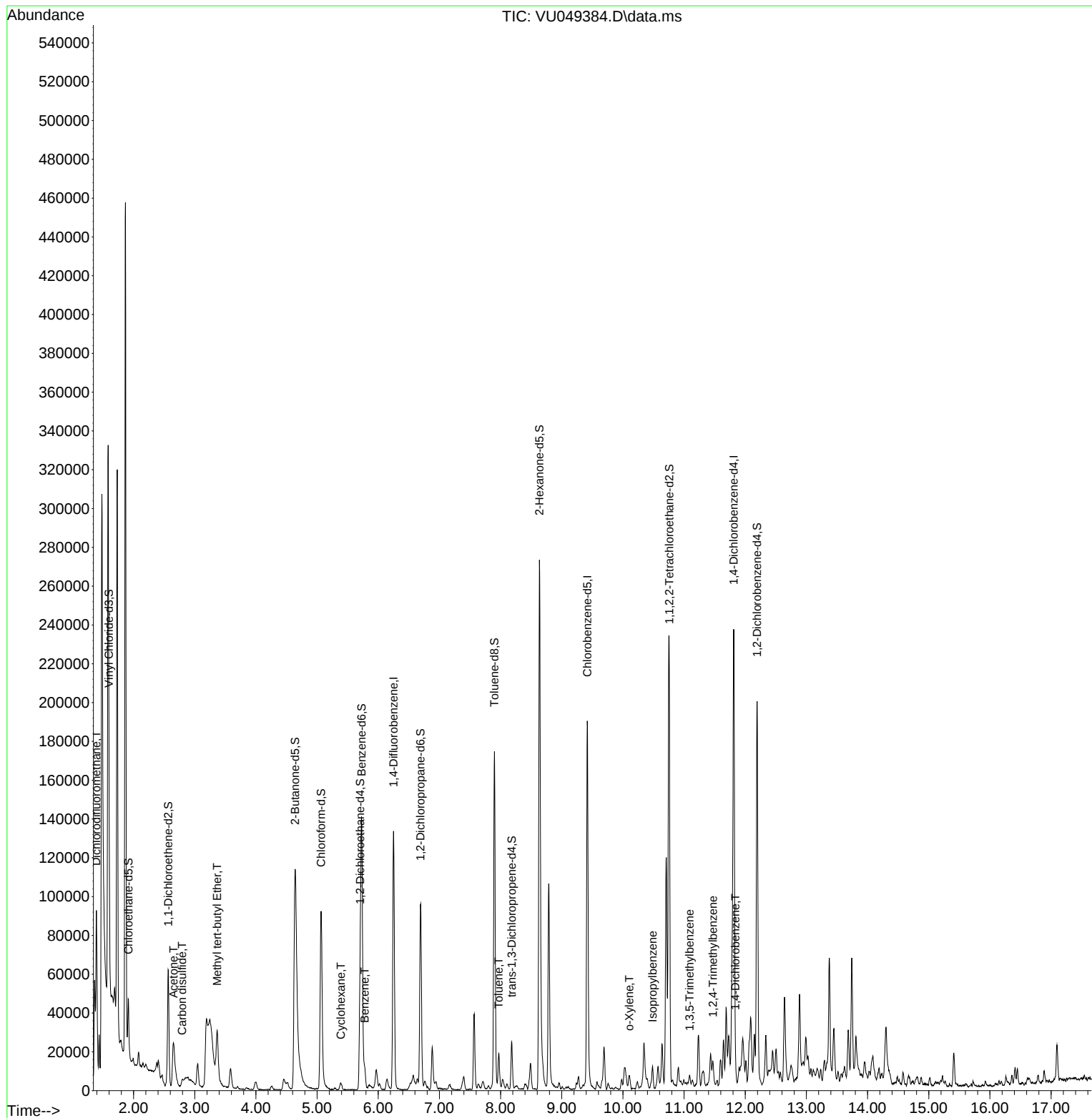
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062422\
Data File : VU049384.D
Acq On : 24 Jun 2022 13:32
Operator : SY/MD
Sample : N3374-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

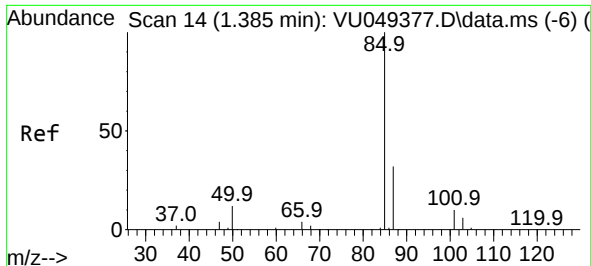
Instrument :
MSVOA_U
ClientSampleId :
EW4T7

Quant Time: Jun 25 00:16:18 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jun 25 00:13:49 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

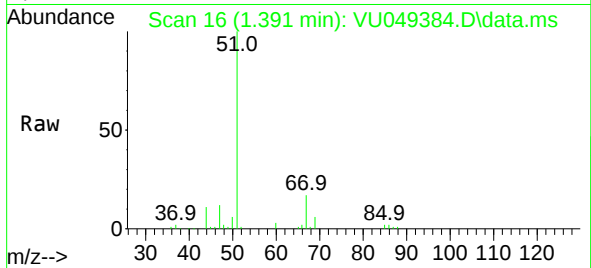
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022





#2
Dichlorodifluoromethane
Concen: 0.148 ug/L
RT: 1.391 min Scan# 1
Delta R.T. 0.006 min
Lab File: VU049384.D
Acq: 24 Jun 2022 13:32

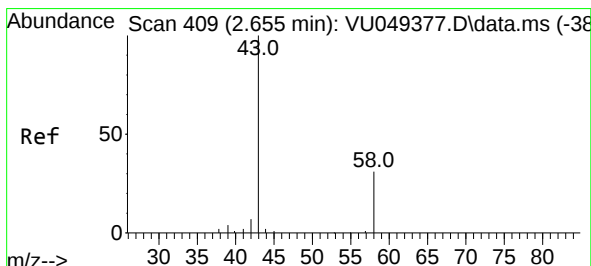
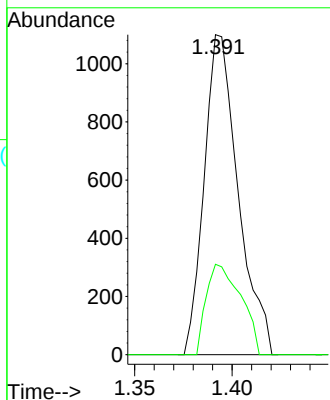
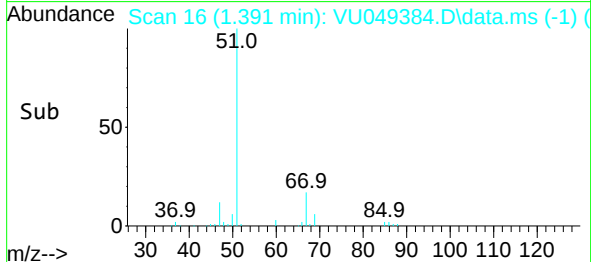
Instrument :
MSVOA_U
ClientSampleId :
EW4T7



Tgt Ion: 85 Resp: 1330
Ion Ratio Lower Upper
85 100
87 28.7 25.5 38.3

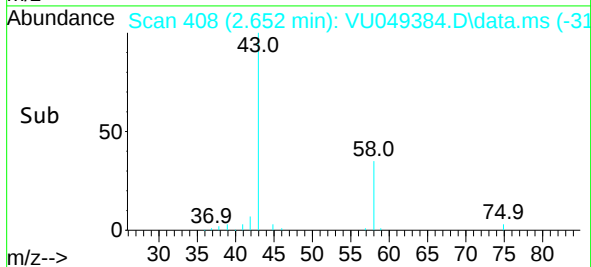
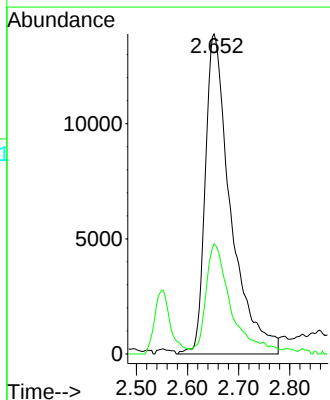
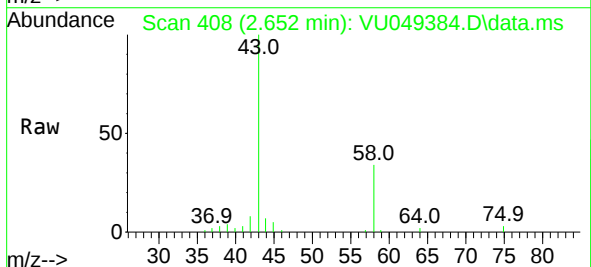
Manual Integrations
APPROVED

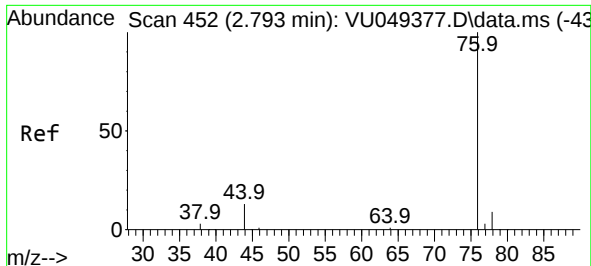
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#13
Acetone
Concen: 39.273 ug/L
RT: 2.652 min Scan# 408
Delta R.T. -0.003 min
Lab File: VU049384.D
Acq: 24 Jun 2022 13:32

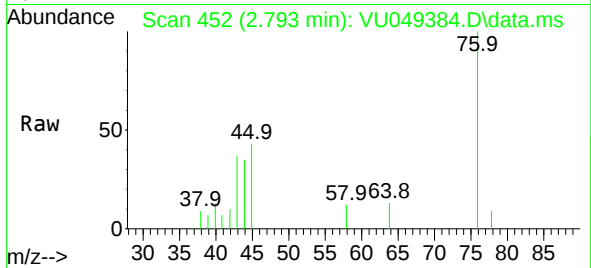
Tgt Ion: 43 Resp: 47988
Ion Ratio Lower Upper
43 100
58 29.3 0.0 65.8





#14
Carbon disulfide
Concen: 0.172 ug/L
RT: 2.793 min Scan# 41
Delta R.T. -0.000 min
Lab File: VU049384.D
Acq: 24 Jun 2022 13:32

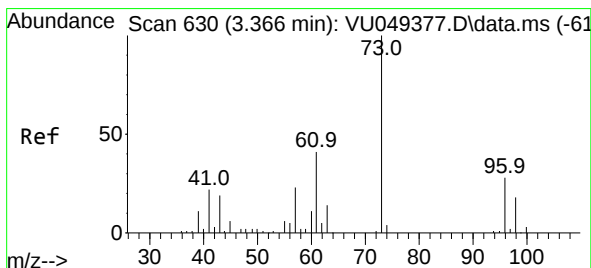
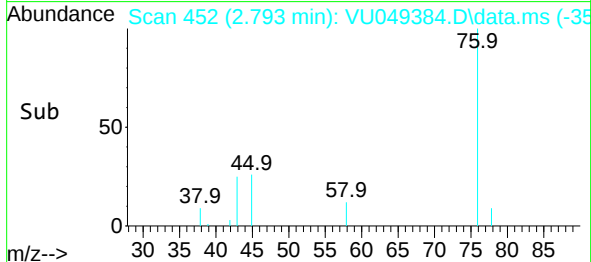
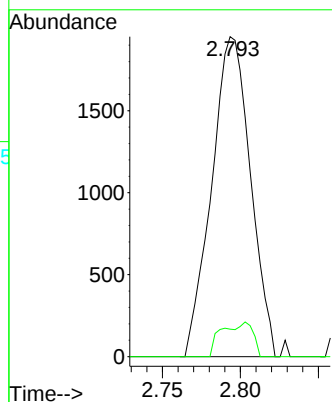
Instrument :
MSVOA_U
ClientSampleId :
EW4T7



Tgt Ion: 76 Resp: 3379
Ion Ratio Lower Upper
76 100
78 8.6 7.5 11.3

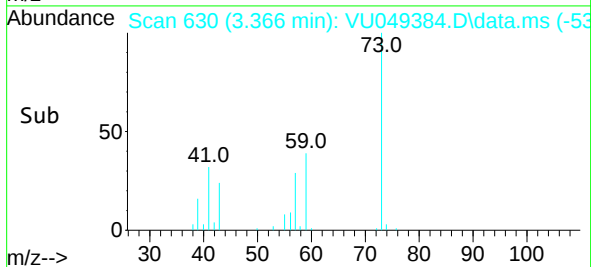
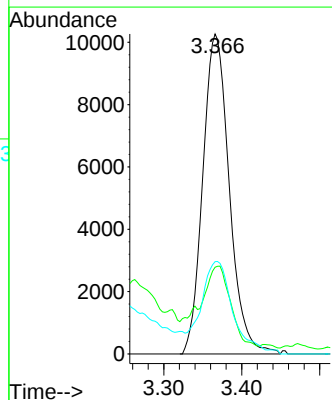
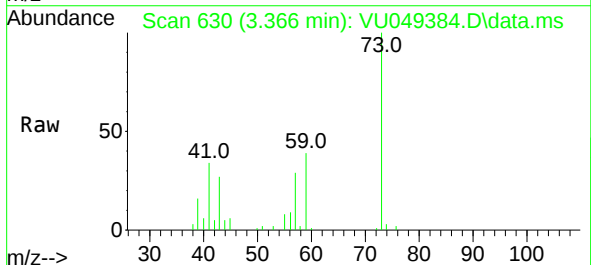
Manual Integrations
APPROVED

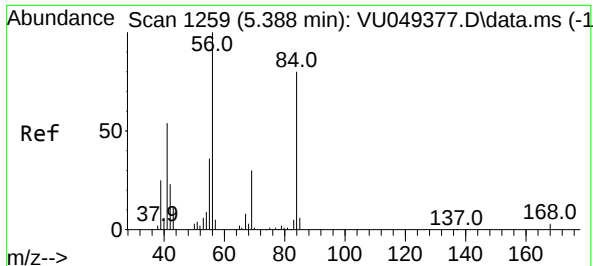
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#17
Methyl tert-butyl Ether
Concen: 1.346 ug/L
RT: 3.366 min Scan# 630
Delta R.T. -0.000 min
Lab File: VU049384.D
Acq: 24 Jun 2022 13:32

Tgt Ion: 73 Resp: 24224
Ion Ratio Lower Upper
73 100
43 29.6 16.5 24.7#
57 32.0 18.6 27.8#





#30

Cyclohexane

Concen: 0.129 ug/L

RT: 5.391 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU049384.D

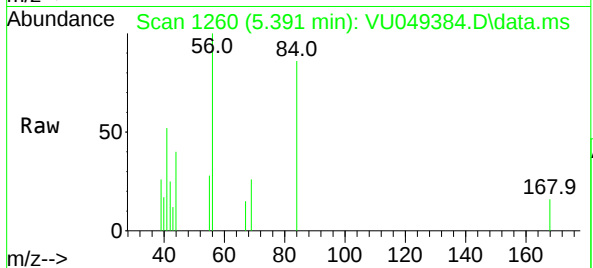
Acq: 24 Jun 2022 13:32

Instrument :

MSVOA_U

ClientSampleId :

EW4T7



Tgt Ion: 56 Resp: 179

Ion Ratio Lower Upper

56 100

69 13.7 23.8 35.6

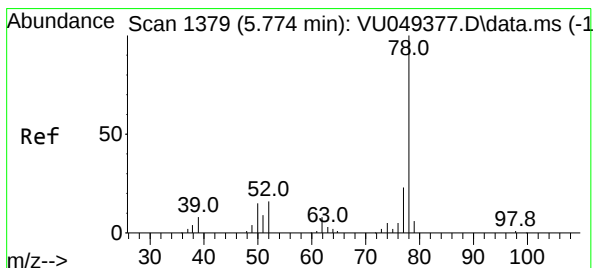
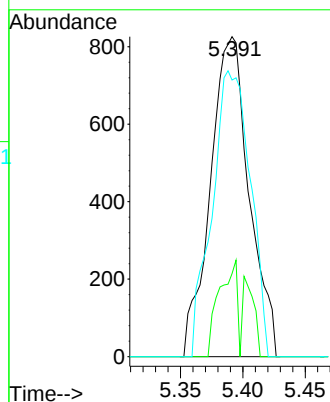
84 87.9 61.2 91.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/28/2022



#33

Benzene

Concen: 0.318 ug/L

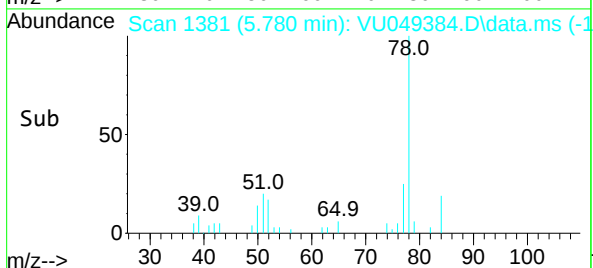
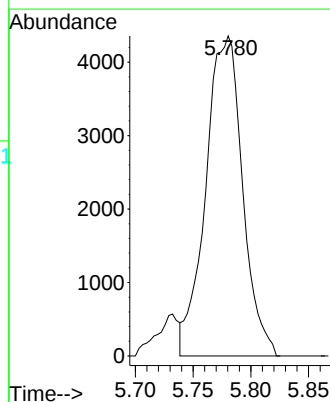
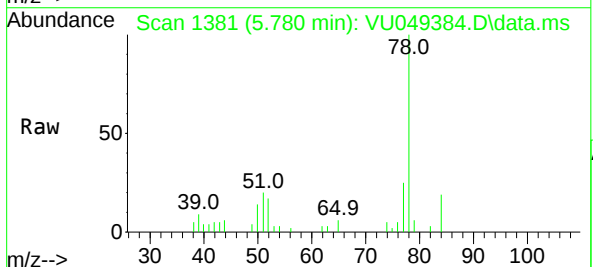
RT: 5.780 min Scan# 1381

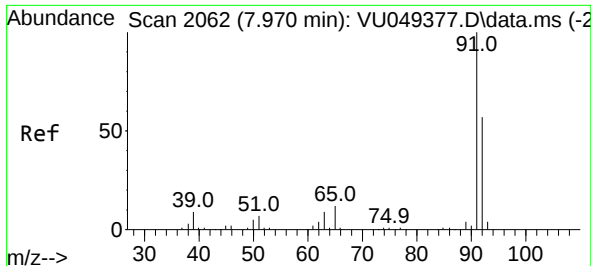
Delta R.T. 0.006 min

Lab File: VU049384.D

Acq: 24 Jun 2022 13:32

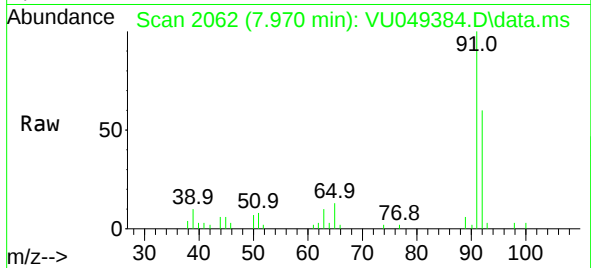
Tgt Ion: 78 Resp: 9651





#42
Toluene
Concen: 0.407 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VU049384.D
Acq: 24 Jun 2022 13:32

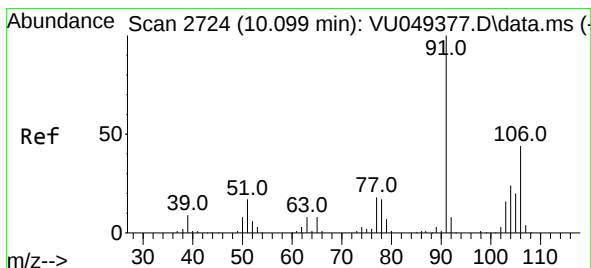
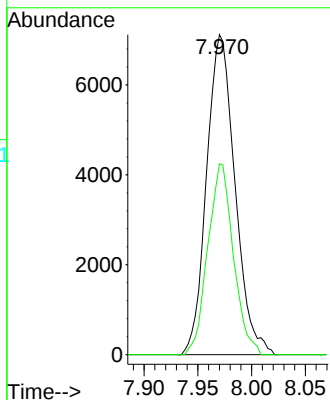
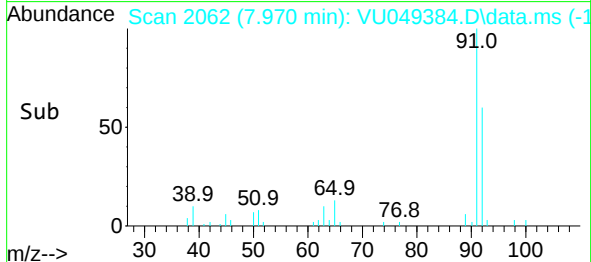
Instrument :
MSVOA_U
ClientSampleId :
EW4T7



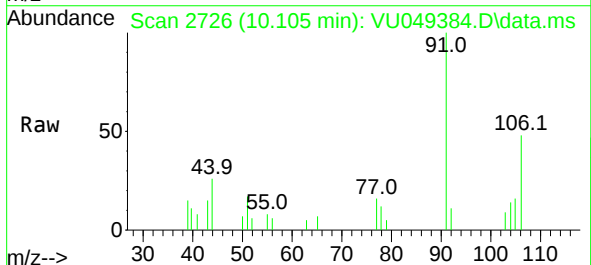
Tgt Ion: 91 Resp: 1308
Ion Ratio Lower Upper
91 100
92 59.7 40.0 74.2

Manual Integrations
APPROVED

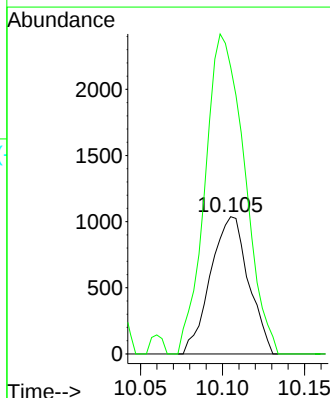
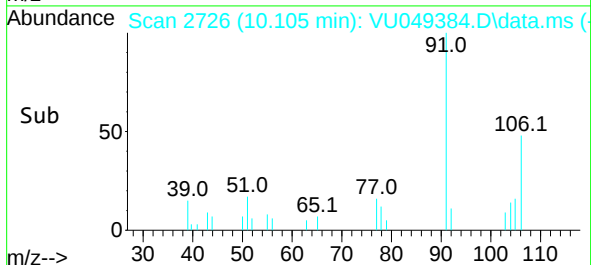
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022

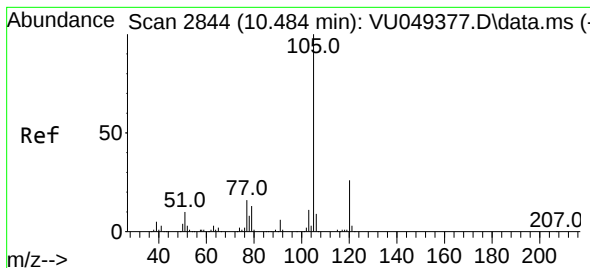


#54
o-Xylene
Concen: 0.129 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. 0.006 min
Lab File: VU049384.D
Acq: 24 Jun 2022 13:32



Tgt Ion:106 Resp: 1668
Ion Ratio Lower Upper
106 100
91 209.2 157.5 292.5





#60

Isopropylbenzene

Concen: 0.193 ug/L

RT: 10.484 min Scan# 2844

Delta R.T. -0.000 min

Lab File: VU049384.D

Acq: 24 Jun 2022 13:32

Instrument :

MSVOA_U

ClientSampleId :

EW4T7

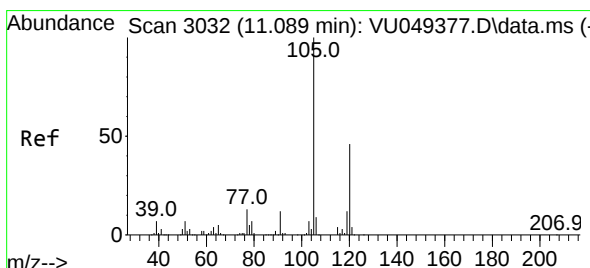
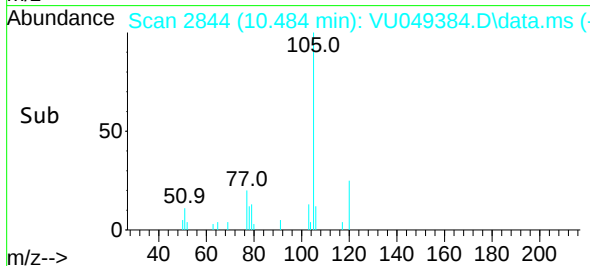
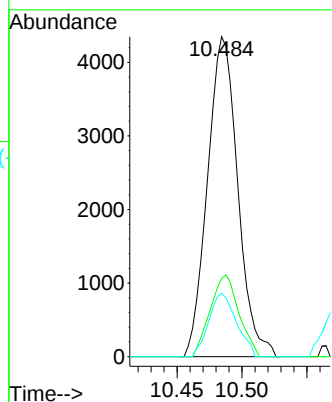
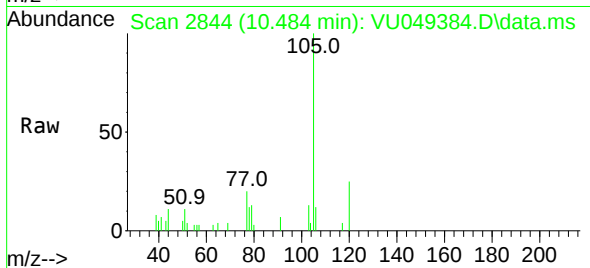
Tgt Ion:	105	Resp:	704
Ion Ratio	Lower	Upper	
105	100		
120	24.2	20.3	30.5
77	18.1	13.0	19.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/28/2022



#62

1,3,5-Trimethylbenzene

Concen: 0.096 ug/L

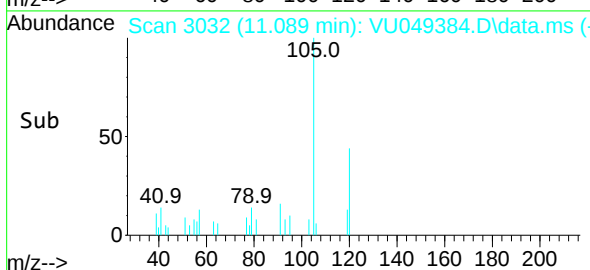
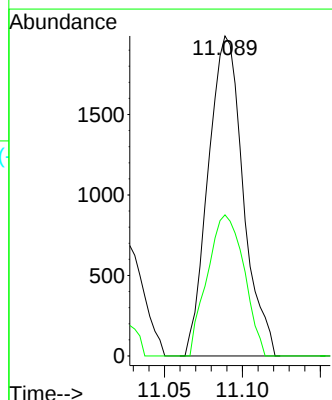
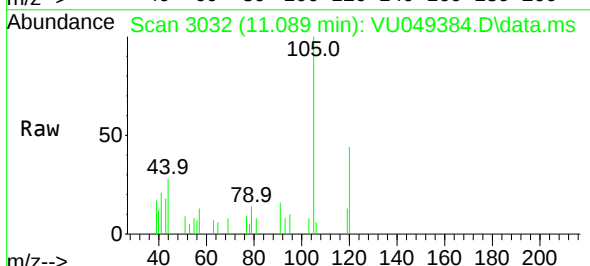
RT: 11.089 min Scan# 3032

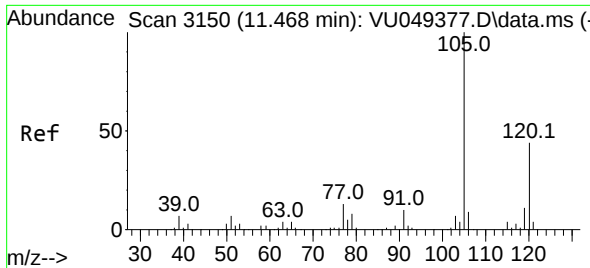
Delta R.T. -0.000 min

Lab File: VU049384.D

Acq: 24 Jun 2022 13:32

Tgt Ion:	105	Resp:	3098
Ion Ratio	Lower	Upper	
105	100		
120	46.2	37.8	56.6





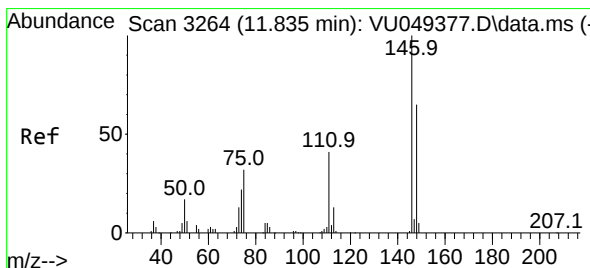
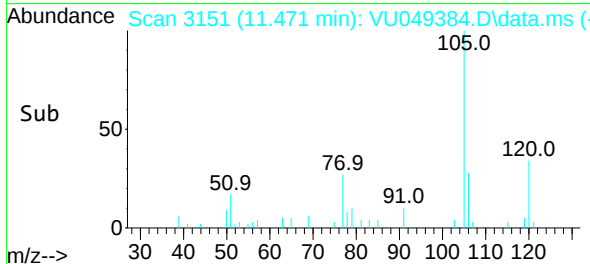
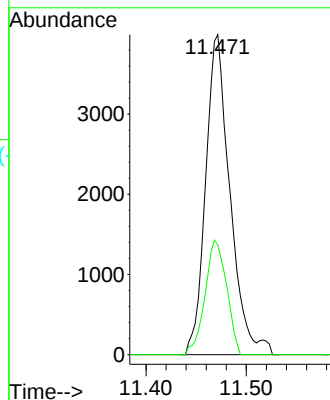
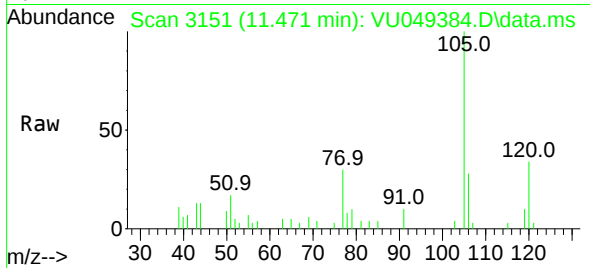
#63
1,2,4-Trimethylbenzene
Concen: 0.210 ug/L m
RT: 11.471 min Scan# 3150
Delta R.T. 0.003 min
Lab File: VU049384.D
Acq: 24 Jun 2022 13:32

Instrument :
MSVOA_U
ClientSampleId :
EW4T7

Tgt Ion:105 Resp: 6724
Ion Ratio Lower Upper
105 100
120 21.3 34.6 52.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#65
1,4-Dichlorobenzene
Concen: 0.110 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. 0.006 min
Lab File: VU049384.D
Acq: 24 Jun 2022 13:32

Tgt Ion:146 Resp: 1697
Ion Ratio Lower Upper
146 100
111 41.2 29.8 55.4
148 53.4 44.7 83.1

