

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040922\
 Data File : VU047886.D
 Acq On : 08 Apr 2022 22:47
 Operator : SY/MD
 Sample : N2343-16
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J69

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/14/2022
 Supervised By : Mahesh Dadoda 04/14/2022

Quant Time: Apr 09 02:08:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 09 01:58:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	332628	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.436	117	370864	50.000	ug/L	0.02
58) 1,4-Dichlorobenzene-d4	11.822	152	246343	50.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	108118	44.823	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	89.640%		
7) Chloroethane-d5	1.916	69	94242	49.550	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	99.100%		
11) 1,1-Dichloroethene-d2	2.568	63	142992	32.401	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	64.800%		
21) 2-Butanone-d5	4.620	46	178996	86.457	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	86.460%		
24) Chloroform-d	5.067	84	211475	47.915	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.840%		
26) 1,2-Dichloroethane-d4	5.713	65	132780	49.053	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.100%		
32) Benzene-d6	5.742	84	428263	45.892	ug/L	0.01
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.780%		
36) 1,2-Dichloropropane-d6	6.693	67	133815	46.692	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	93.380%		
41) Toluene-d8	7.899	98	375429	41.292	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	82.580%		
43) trans-1,3-Dichloroprop...	8.179	79	57196	39.393	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	78.780%		
47) 2-Hexanone-d5	8.636	63	137869	82.176	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	82.180%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	222318	45.201	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.400%		
66) 1,2-Dichlorobenzene-d4	12.201	152	207430	47.329	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.660%		
Target Compounds					Qvalue	
13) Acetone	2.626	43	6290	3.265	ug/L	87
14) Carbon disulfide	2.797	76	7754	1.075	ug/L	# 95
25) Chloroform	5.089	83	211626	46.311	ug/L	98
29) Cyclohexane	5.388	56	8246	2.191	ug/L	96
33) Benzene	5.764	78	39789108m	3706.568	ug/L	
42) Toluene	7.973	91	13688	1.162	ug/L	99
51) Chlorobenzene	9.443	112	34322634m	4291.649	ug/L	
64) 1,3-Dichlorobenzene	11.748	146	1116352	150.859	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	21458068m	2799.537	ug/L	
67) 1,2-Dichlorobenzene	12.214	146	17903983m	2418.029	ug/L	
70) 1,2,4-trichlorobenzene	13.841	180	1242659	236.065	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	72842	13.803	ug/L	99

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

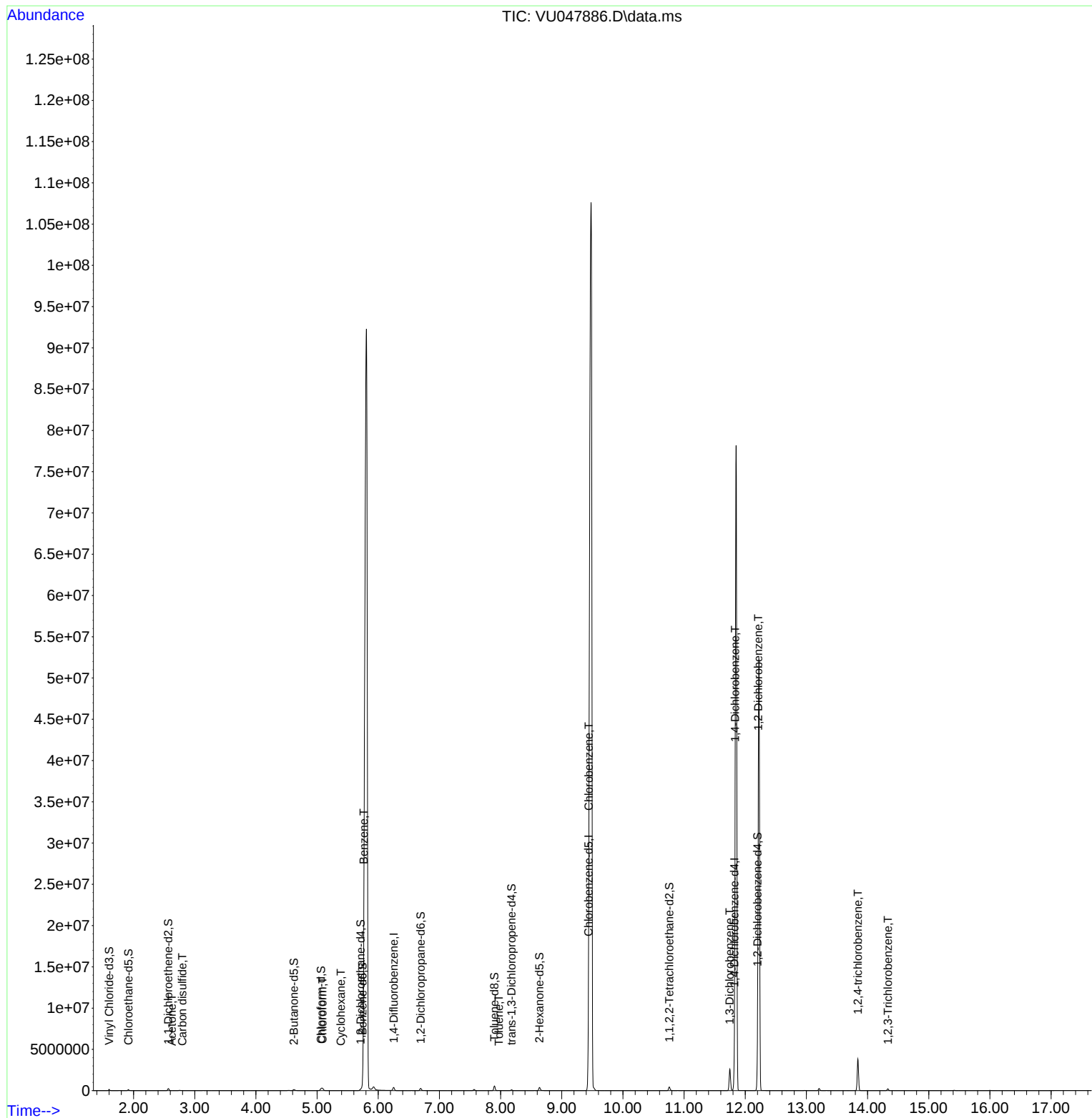
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040922\
Data File : VU047886.D
Acq On : 08 Apr 2022 22:47
Operator : SY/MD
Sample : N2343-16
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

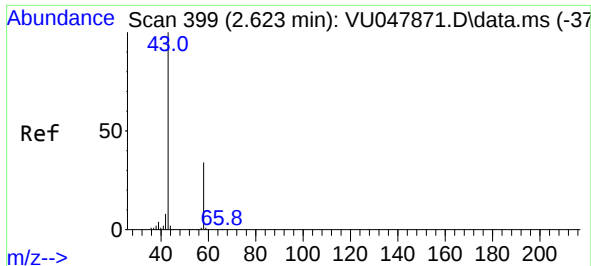
Instrument :
MSVOA_U
ClientSampleId :
C0J69

Manual Integrations
APPROVED

Reviewed By : John Carlone 04/14/2022
Supervised By : Mahesh Dadoda 04/14/2022

Quant Time: Apr 09 02:08:49 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 09 01:58:44 2022
Response via : Initial Calibration





#13

Acetone

Concen: 3.265 ug/L

RT: 2.626 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU047886.D

Acq: 08 Apr 2022 22:47

Instrument :

MSVOA_U

ClientSampleId :

C0J69

Tgt Ion: 43 Resp: 6290

Ion Ratio Lower Upper

43 100

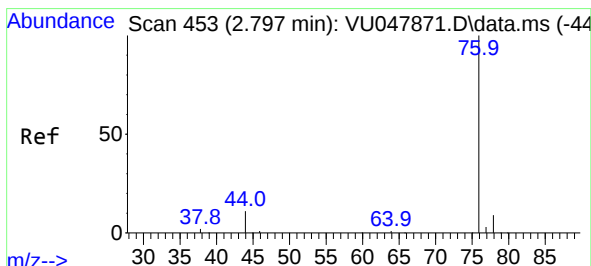
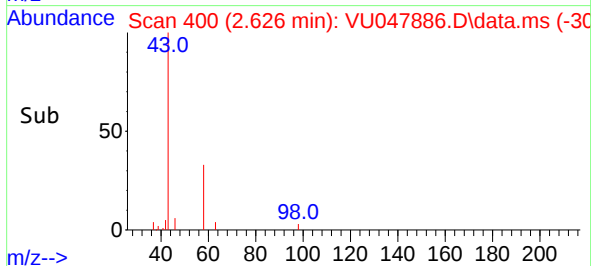
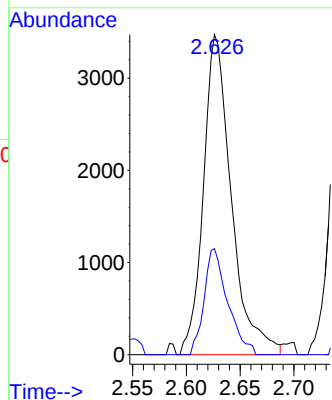
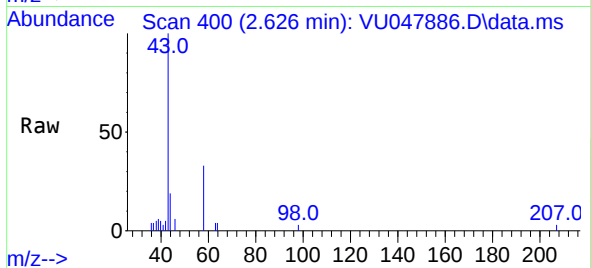
58 27.6 0.0 70.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2022

Supervised By :Mahesh Dadoda 04/14/2022



#14

Carbon disulfide

Concen: 1.075 ug/L

RT: 2.797 min Scan# 453

Delta R.T. -0.000 min

Lab File: VU047886.D

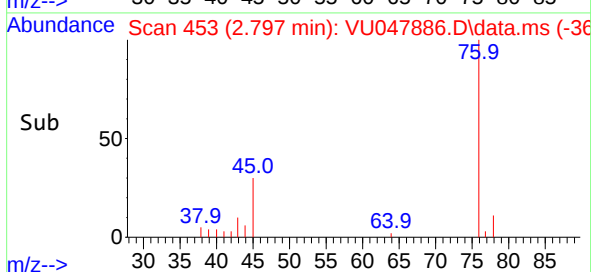
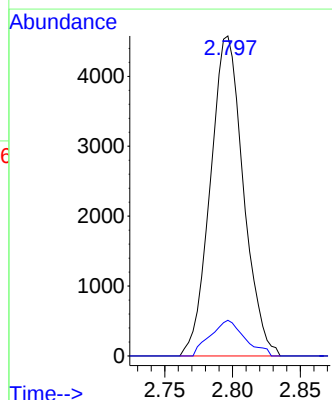
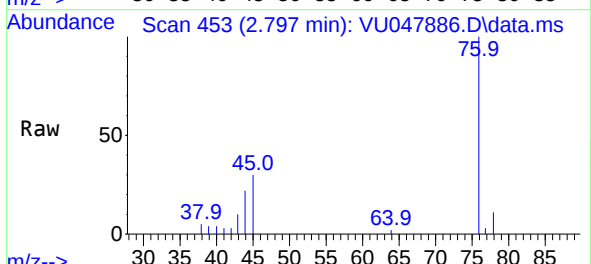
Acq: 08 Apr 2022 22:47

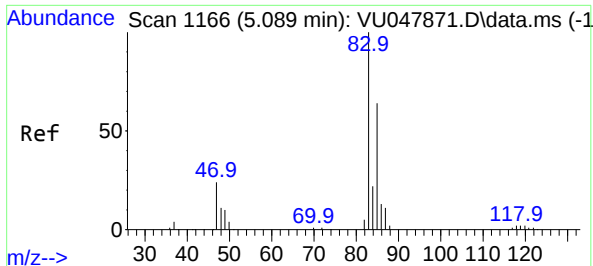
Tgt Ion: 76 Resp: 7754

Ion Ratio Lower Upper

76 100

78 11.1 7.4 11.0#





#25

Chloroform

Concen: 46.311 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. -0.000 min

Lab File: VU047886.D

Acq: 08 Apr 2022 22:47

Instrument :

MSVOA_U

ClientSampleId :

C0J69

Tgt Ion: 83 Resp: 211620

Ion Ratio Lower Upper

83 100

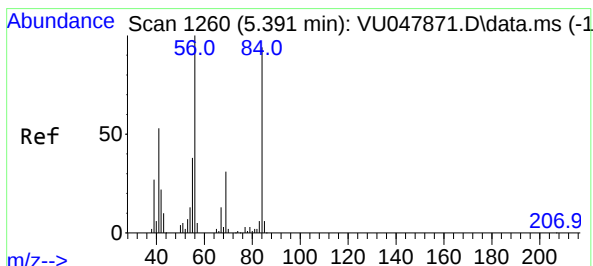
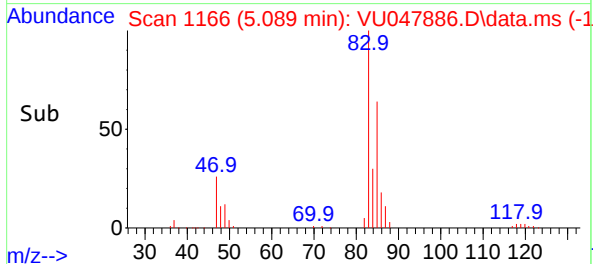
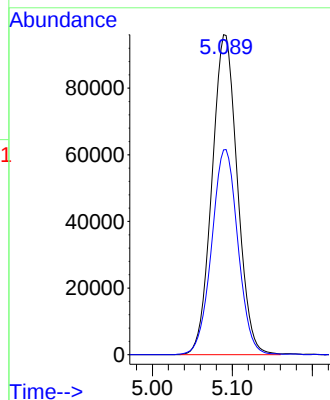
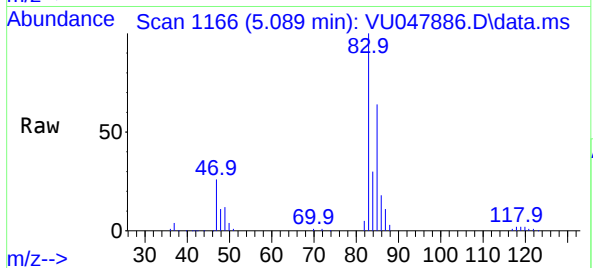
85 64.0 46.2 85.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2022

Supervised By :Mahesh Dadoda 04/14/2022



#29

Cyclohexane

Concen: 2.191 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. -0.003 min

Lab File: VU047886.D

Acq: 08 Apr 2022 22:47

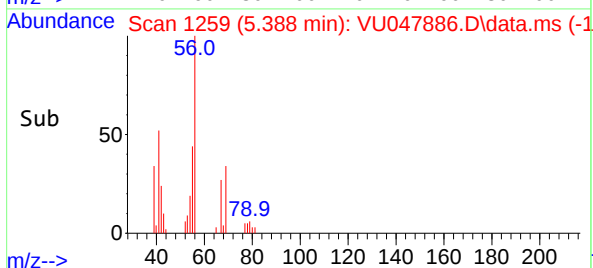
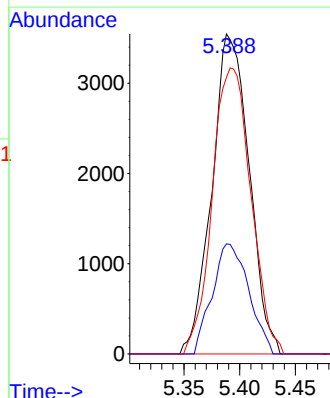
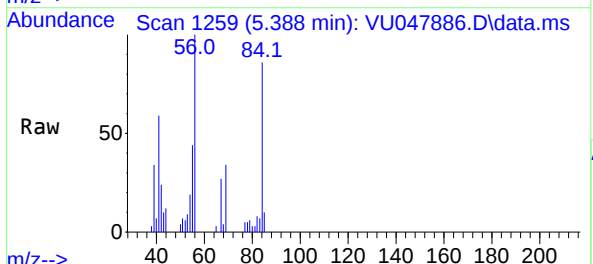
Tgt Ion: 56 Resp: 8246

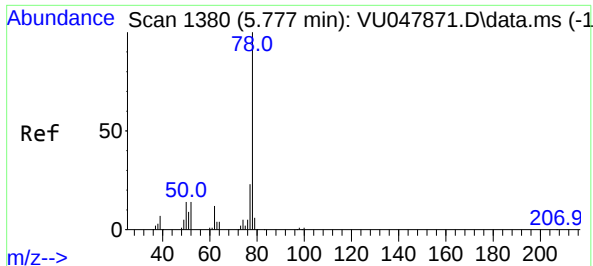
Ion Ratio Lower Upper

56 100

69 33.7 25.4 38.2

84 92.6 77.0 115.6





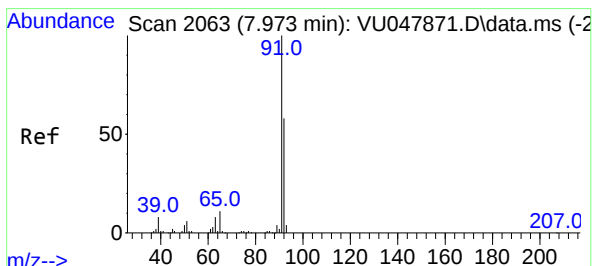
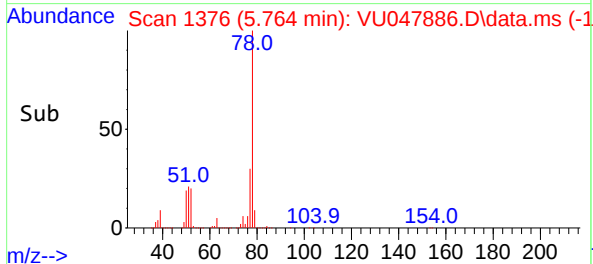
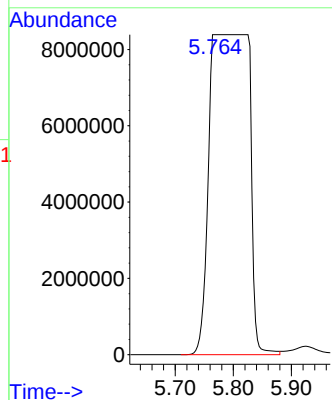
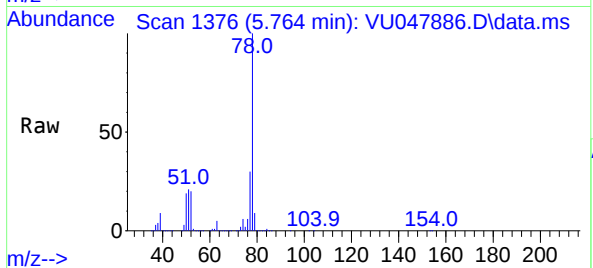
#33
Benzene
Concen: 3706.568 ug/L m
RT: 5.764 min Scan# 1
Delta R.T. -0.013 min
Lab File: VU047886.D
Acq: 08 Apr 2022 22:47

Instrument :
MSVOA_U
ClientSampleId :
C0J69

Tgt Ion: 78 Resp:39789108

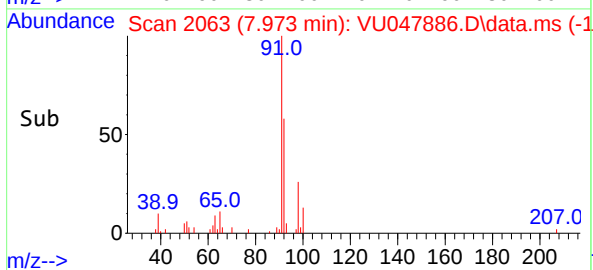
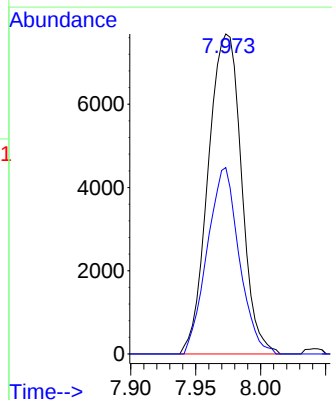
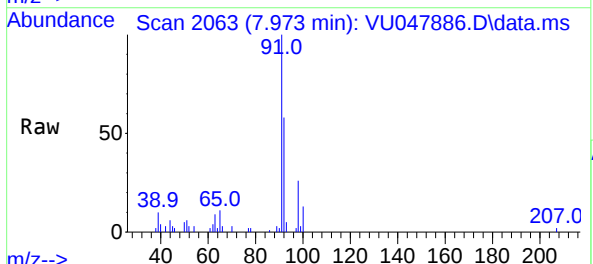
Manual Integrations
APPROVED

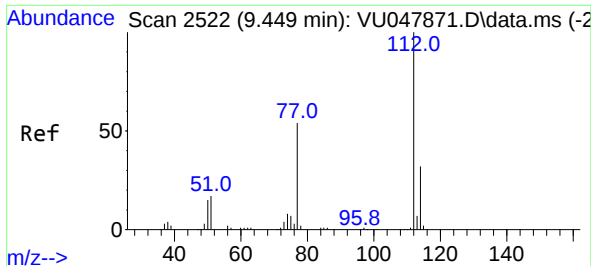
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#42
Toluene
Concen: 1.162 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU047886.D
Acq: 08 Apr 2022 22:47

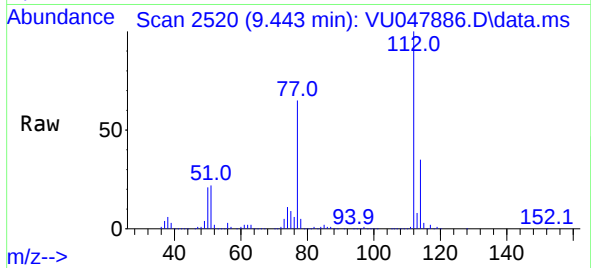
Tgt Ion: 91 Resp: 13688
Ion Ratio Lower Upper
91 100
92 58.2 40.4 75.0





#51
Chlorobenzene
Concen: 4291.649 ug/L m
RT: 9.443 min Scan# 21
Delta R.T. -0.006 min
Lab File: VU047886.D
Acq: 08 Apr 2022 22:47

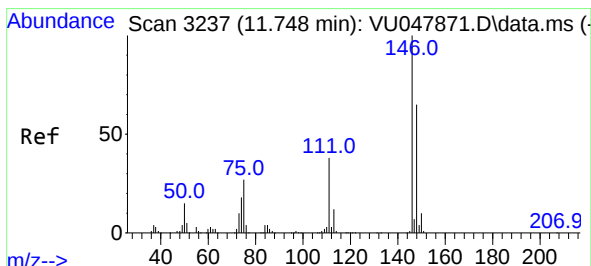
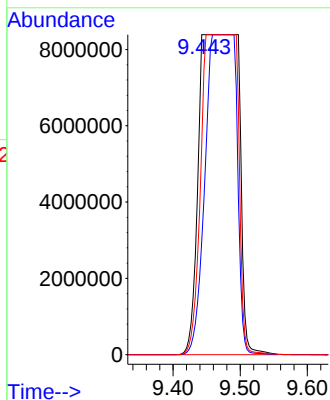
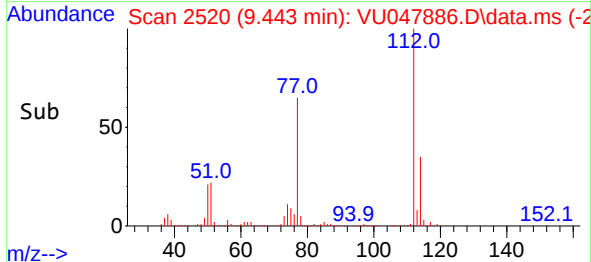
Instrument :
MSVOA_U
ClientSampleId :
C0J69



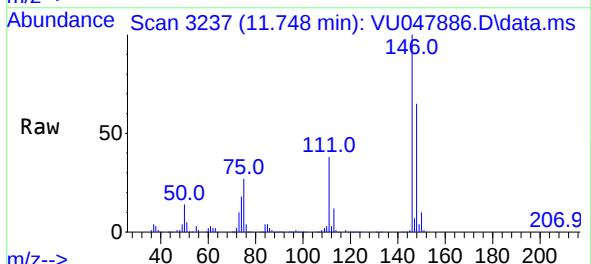
Tgt Ion:112 Resp:34322634
Ion Ratio Lower Upper
112 100
114 35.4 22.1 41.1
77 65.3 43.4 65.0

Manual Integrations
APPROVED

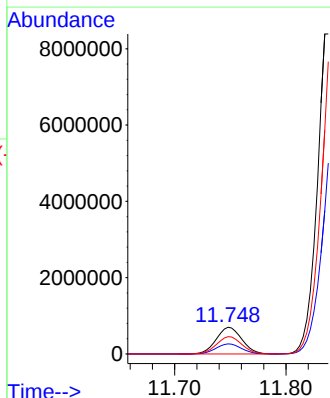
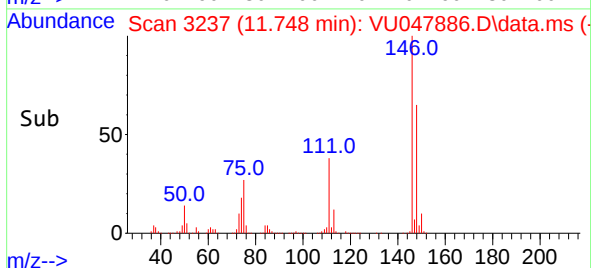
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

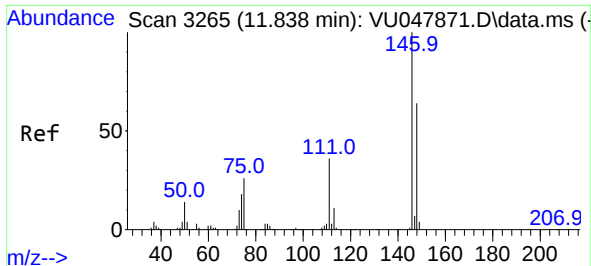


#64
1,3-Dichlorobenzene
Concen: 150.859 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. -0.000 min
Lab File: VU047886.D
Acq: 08 Apr 2022 22:47



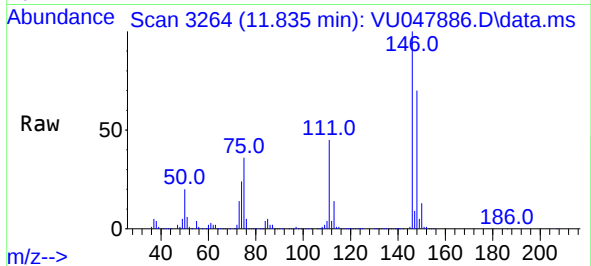
Tgt Ion:146 Resp: 1116352
Ion Ratio Lower Upper
146 100
111 37.8 26.7 49.7
148 64.8 44.4 82.5





#65
1,4-Dichlorobenzene
Concen: 2799.537 ug/L m
RT: 11.835 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU047886.D
Acq: 08 Apr 2022 22:47

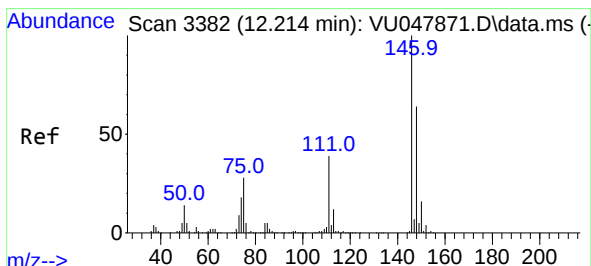
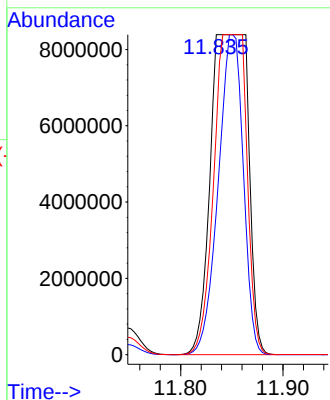
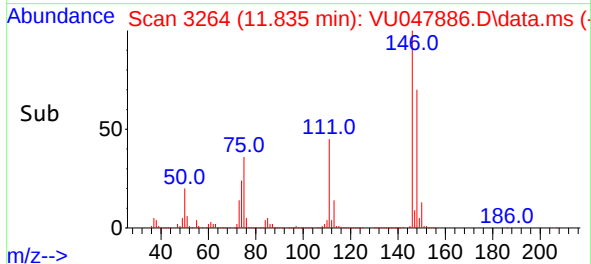
Instrument :
MSVOA_U
ClientSampleId :
C0J69



Tgt Ion:146 Resp:2145806
Ion Ratio Lower Upper
146 100
111 44.7 25.3 47.1
148 69.9 44.5 82.7

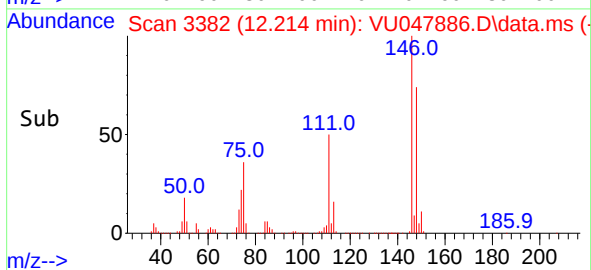
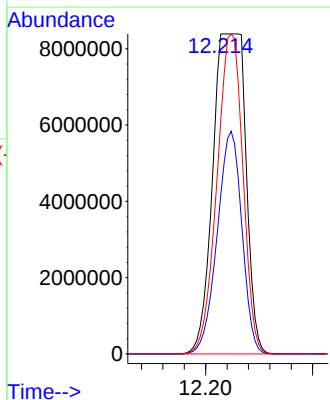
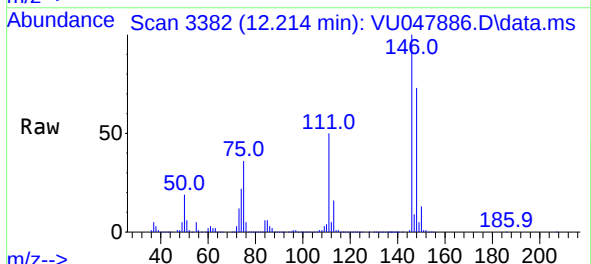
Manual Integrations
APPROVED

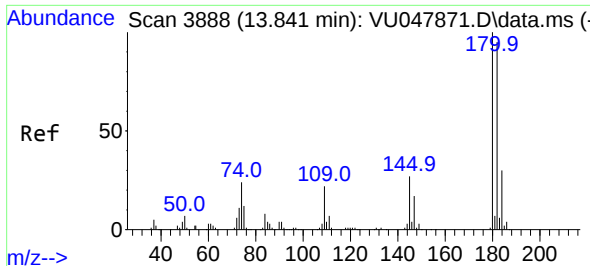
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#67
1,2-Dichlorobenzene
Concen: 2418.029 ug/L m
RT: 12.214 min Scan# 3382
Delta R.T. -0.000 min
Lab File: VU047886.D
Acq: 08 Apr 2022 22:47

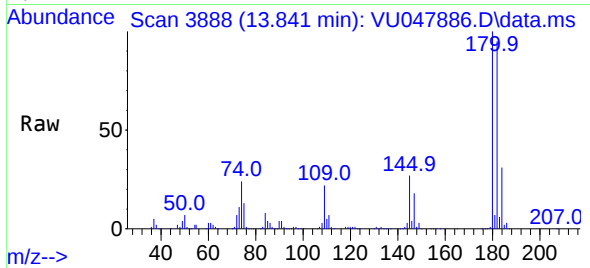
Tgt Ion:146 Resp:17903983
Ion Ratio Lower Upper
146 100
111 49.6 31.7 47.5#
148 72.9 51.4 77.2





#70
1,2,4-trichlorobenzene
Concen: 236.065 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. -0.000 min
Lab File: VU047886.D
Acq: 08 Apr 2022 22:47

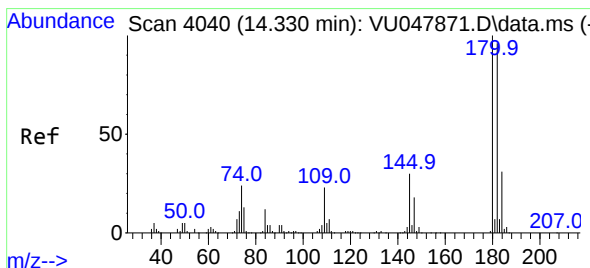
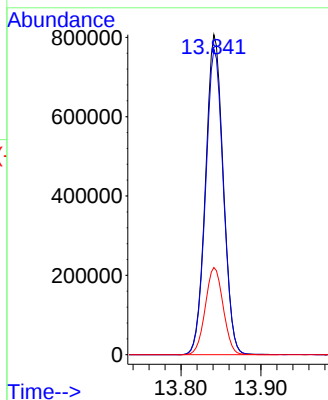
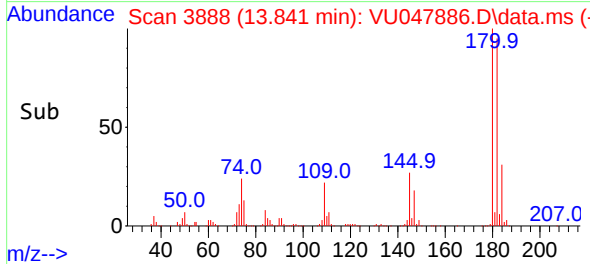
Instrument :
MSVOA_U
ClientSampleId :
C0J69



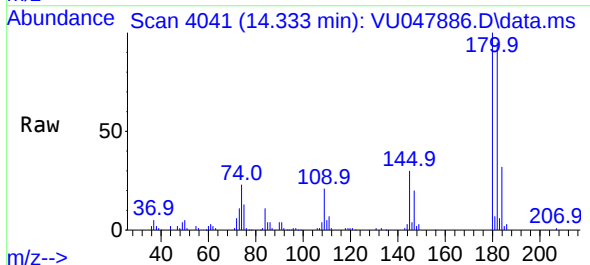
Tgt Ion:180 Resp: 1242659
Ion Ratio Lower Upper
180 100
182 95.6 76.2 114.2
145 27.4 21.8 32.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#72
1,2,3-Trichlorobenzene
Concen: 13.803 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU047886.D
Acq: 08 Apr 2022 22:47



Tgt Ion:180 Resp: 72842
Ion Ratio Lower Upper
180 100
182 97.0 77.4 116.0
145 29.6 22.8 34.2

