

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110222\
 Data File : VU051690.D
 Acq On : 02 Nov 2022 14:26
 Operator : JC/MD
 Sample : N5321-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBWM6

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/04/2022
 Supervised By :Mahesh Dadoda 11/04/2022

Quant Time: Nov 03 01:48:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 03 01:45:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	189851	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	197098	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	119228	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	76374	5.341	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.800%
7) Chloroethane-d5	1.909	69	66343	4.449	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.000%
11) 1,1-Dichloroethene-d2	2.562	65	30487	5.875	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	117.400%
20) 2-Butanone-d5	4.642	46	167033	32.256	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	64.520%
24) Chloroform-d	5.060	84	148492	4.438	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
26) 1,2-Dichloroethane-d4	5.700	65	74659	4.131	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.600%
32) Benzene-d6	5.722	84	292373	4.701	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
36) 1,2-Dichloropropane-d6	6.690	67	96250	4.425	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.600%
41) Toluene-d8	7.896	98	230884	4.720	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
43) trans-1,3-Dichloroprop...	8.179	79	29832	4.486	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.800%
46) 2-Hexanone-d5	8.632	63	158347	39.554	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.100%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	86569	4.343	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.800%
66) 1,2-Dichlorobenzene-d4	12.188	152	109036	4.983	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.600%
Target Compounds						
13) Acetone	2.658	43	43054	16.386	ug/L	95
14) Carbon disulfide	2.787	76	305766	5.747	ug/L	99
21) 2-Butanone	4.729	43	10218	2.483	ug/L	92
22) cis-1,2-Dichloroethene	4.665	96	2247	0.115	ug/L	94
30) Cyclohexane	5.385	56	4113	0.167	ug/L	93
33) Benzene	5.771	78	769688	9.896	ug/L	100
35) Methylcyclohexane	6.761	83	16590	0.639	ug/L	95
42) Toluene	7.967	91	31188	0.390	ug/L	99
51) Chlorobenzene	9.443	112	1101334	21.906	ug/L	99
52) Ethylbenzene	9.568	91	191717	2.487	ug/L	100
53) m,p-Xylene	9.690	106	123363	4.121	ug/L	99
54) o-Xylene	10.099	106	80602	2.755	ug/L	92
60) Isopropylbenzene	10.481	105	60224m	0.692	ug/L	
62) 1,3,5-Trimethylbenzene	11.086	105	237859	10.151	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	604365	8.945	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	438834	10.101	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	116993	2.772	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	23725	1.001	ug/L #	72

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110222\
 Data File : VU051690.D
 Acq On : 02 Nov 2022 14:26
 Operator : JC/MD
 Sample : N5321-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
ClientSampleId :
 DBWM6

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 11/04/2022
 Supervised By :Mahesh Dadoda 11/04/2022

Quant Time: Nov 03 01:48:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 03 01:45:18 2022
 Response via : Initial Calibration

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

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

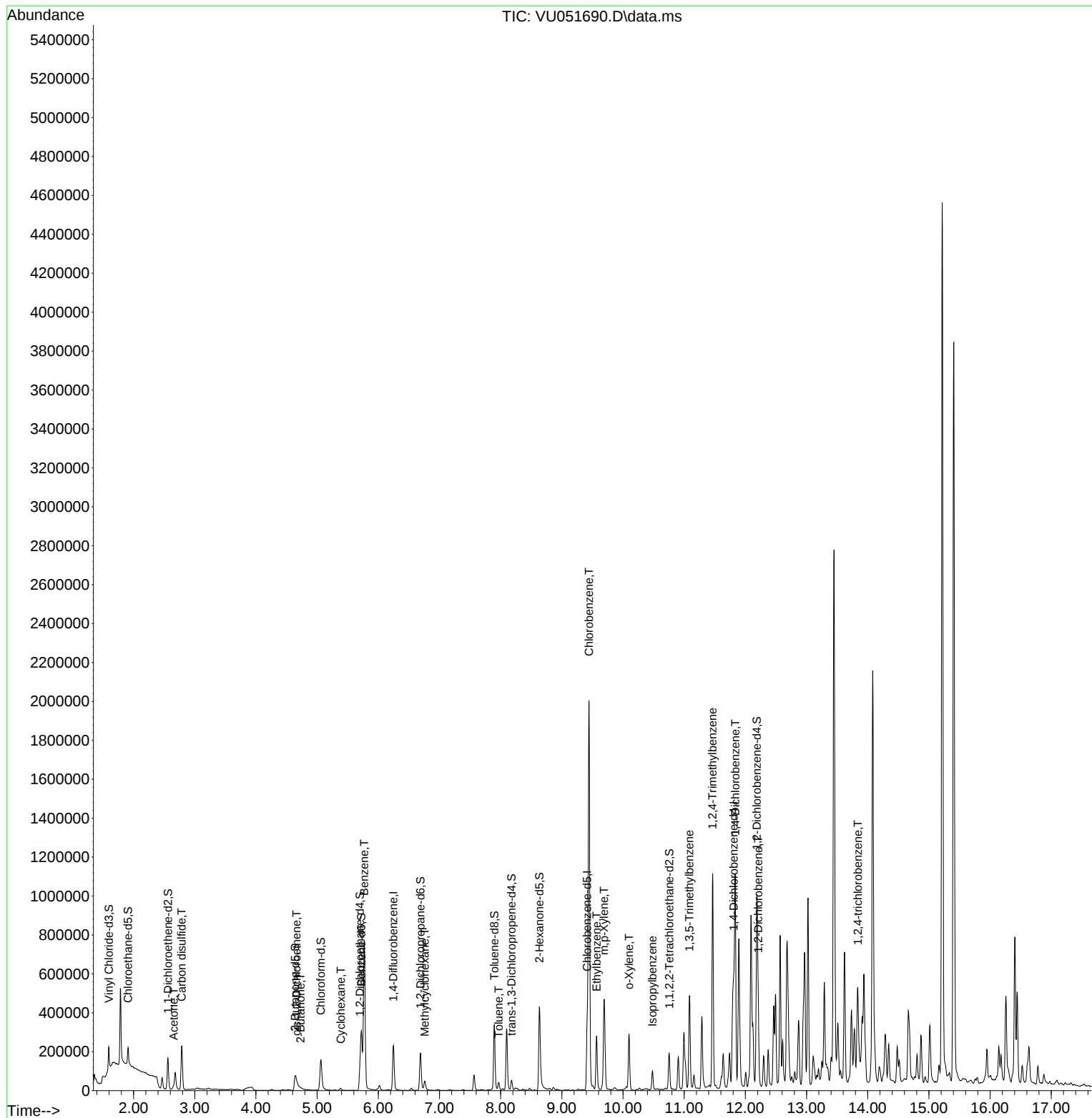
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110222\
Data File : VU051690.D
Acq On : 02 Nov 2022 14:26
Operator : JC/MD
Sample : N5321-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

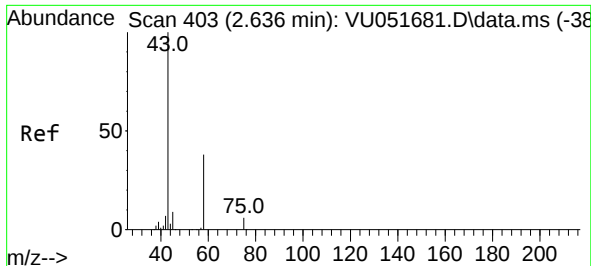
Instrument :
MSVOA_U
ClientSampleId :
DBWM6

Quant Time: Nov 03 01:48:10 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 03 01:45:18 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022





#13

Acetone

Concen: 16.386 ug/L

RT: 2.658 min Scan# 41

Delta R.T. 0.022 min

Lab File: VU051690.D

Acq: 02 Nov 2022 14:26

Instrument :

MSVOA_U

ClientSampleId :

DBWM6

Tgt Ion: 43 Resp: 43054

Ion Ratio Lower Upper

43 100

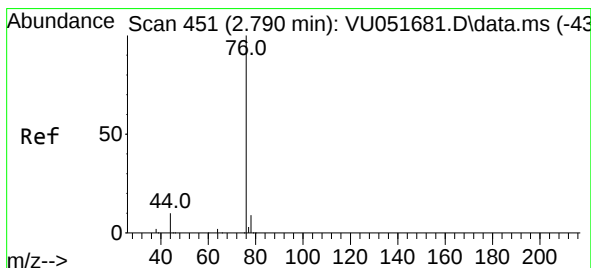
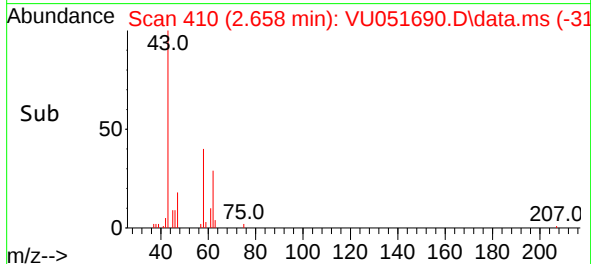
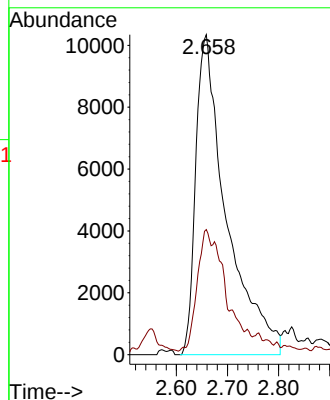
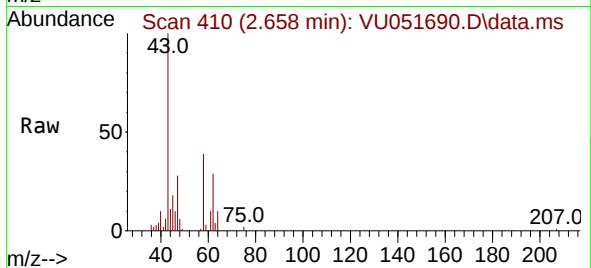
58 33.8 0.0 73.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/04/2022

Supervised By :Mahesh Dadoda 11/04/2022



#14

Carbon disulfide

Concen: 5.747 ug/L

RT: 2.787 min Scan# 450

Delta R.T. -0.003 min

Lab File: VU051690.D

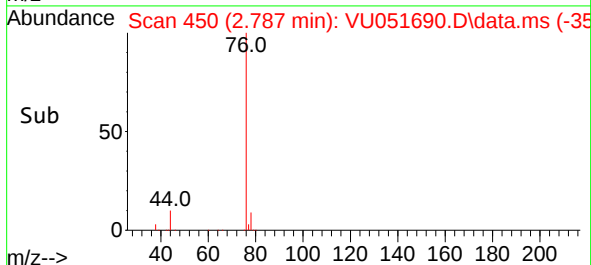
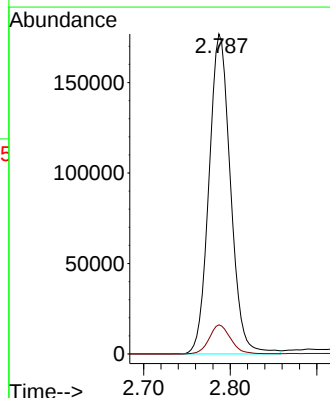
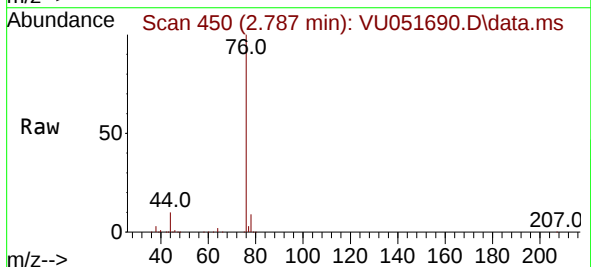
Acq: 02 Nov 2022 14:26

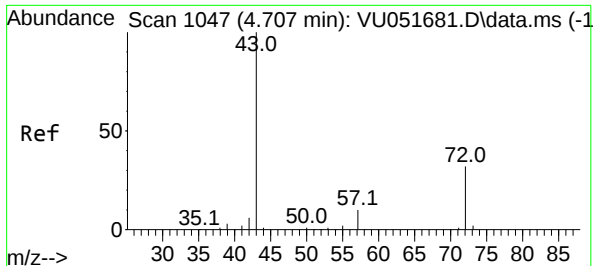
Tgt Ion: 76 Resp: 305766

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2





#21

2-Butanone

Concen: 2.483 ug/L

RT: 4.729 min Scan# 1054

Delta R.T. 0.022 min

Lab File: VU051690.D

Acq: 02 Nov 2022 14:26

Instrument :

MSVOA_U

ClientSampleId :

DBWM6

Tgt Ion: 43 Resp: 10218

Ion Ratio Lower Upper

43 100

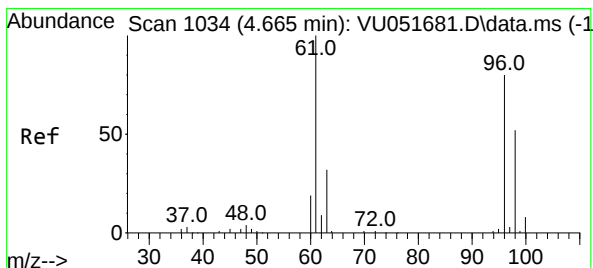
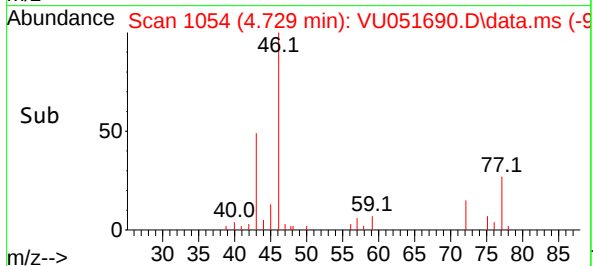
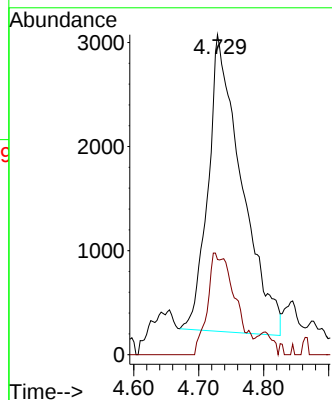
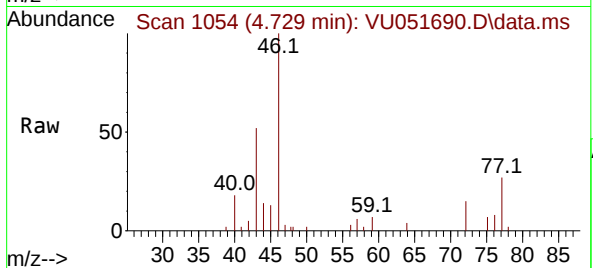
72 28.0 16.2 48.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/04/2022

Supervised By :Mahesh Dadoda 11/04/2022



#22

cis-1,2-Dichloroethene

Concen: 0.115 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.000 min

Lab File: VU051690.D

Acq: 02 Nov 2022 14:26

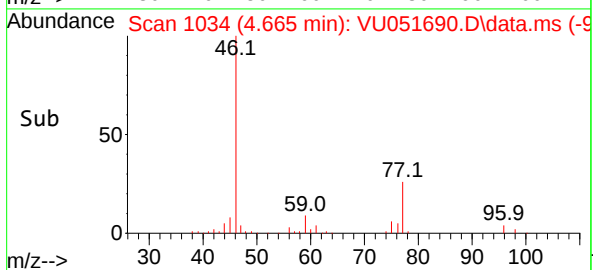
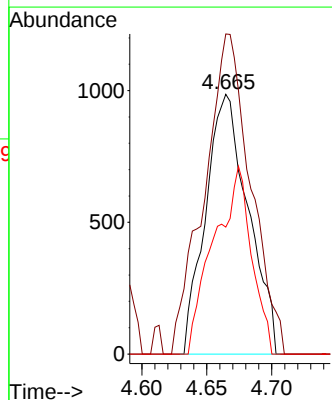
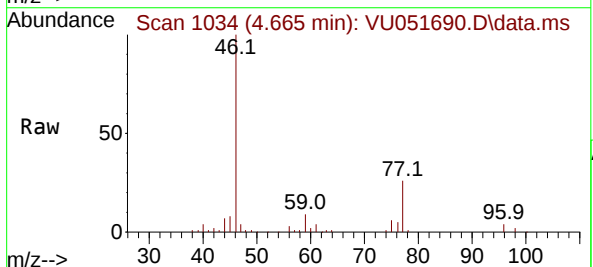
Tgt Ion: 96 Resp: 2247

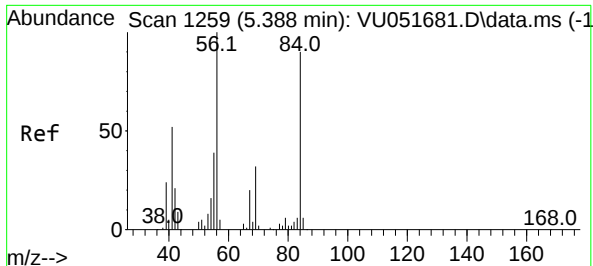
Ion Ratio Lower Upper

96 100

61 123.2 86.4 160.4

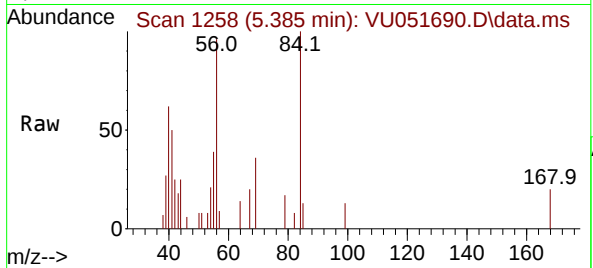
98 48.9 44.2 82.2





#30
Cyclohexane
Concen: 0.167 ug/L
RT: 5.385 min Scan# 1259
Delta R.T. -0.003 min
Lab File: VU051690.D
Acq: 02 Nov 2022 14:26

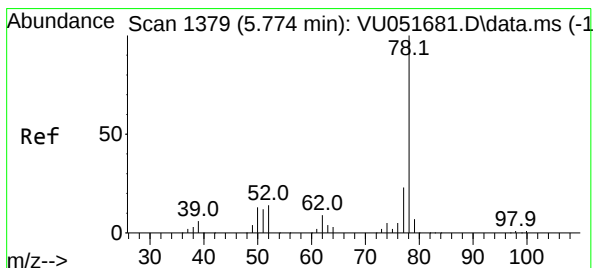
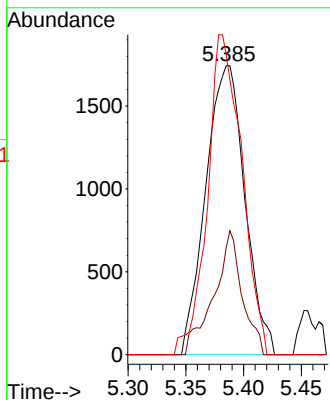
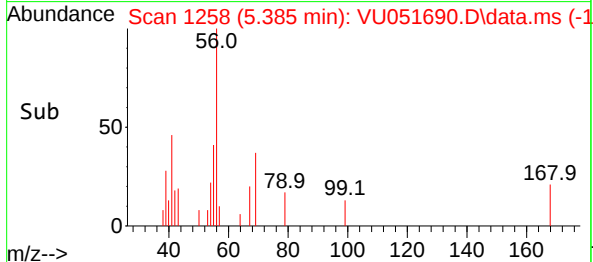
Instrument :
MSVOA_U
ClientSampleId :
DBWM6



Tgt Ion: 56 Resp: 411
Ion Ratio Lower Upper
56 100
69 31.0 25.4 38.0
84 97.1 71.4 107.0

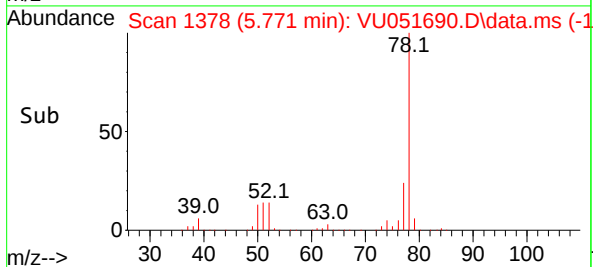
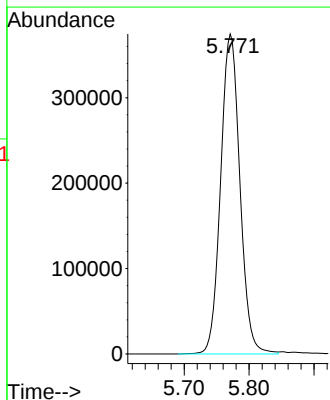
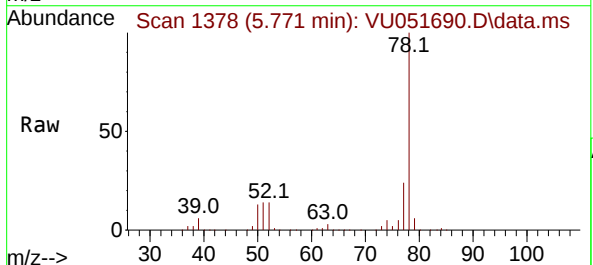
Manual Integrations
APPROVED

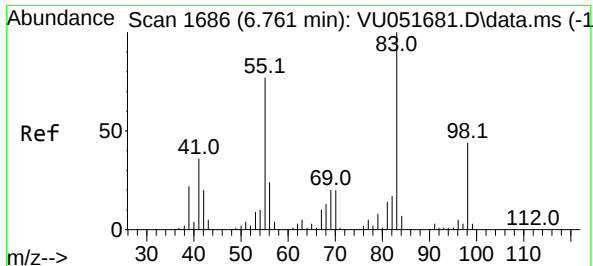
Reviewed By :Krupa Patel 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#33
Benzene
Concen: 9.896 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.003 min
Lab File: VU051690.D
Acq: 02 Nov 2022 14:26

Tgt Ion: 78 Resp: 769688





#35

Methylcyclohexane

Concen: 0.639 ug/L

RT: 6.761 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU051690.D

Acq: 02 Nov 2022 14:26

Instrument :

MSVOA_U

ClientSampleId :

DBWM6

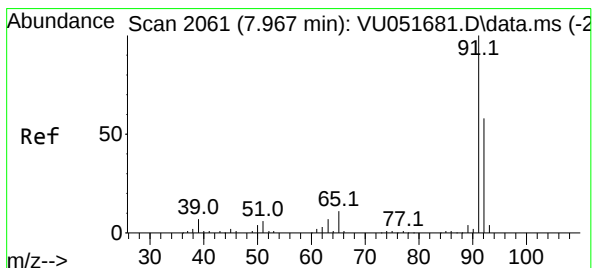
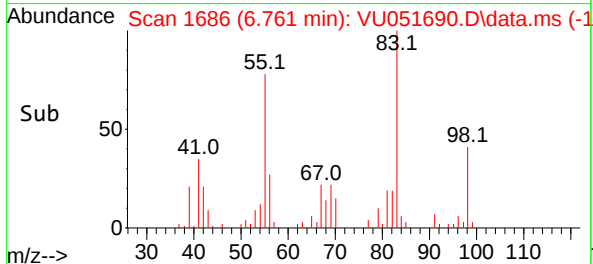
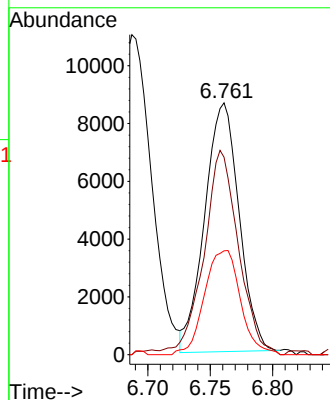
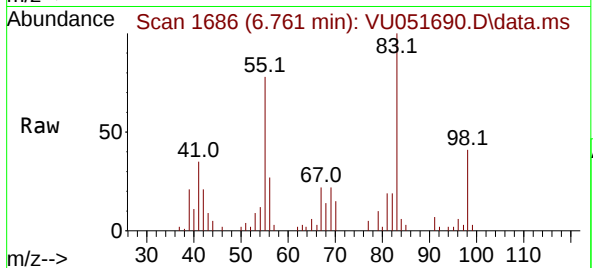
Tgt Ion: 83	Resp: 16590
Ion Ratio	Lower Upper
83 100	
55 82.2	60.6 90.8
98 43.7	35.8 53.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/04/2022

Supervised By :Mahesh Dadoda 11/04/2022



#42

Toluene

Concen: 0.390 ug/L

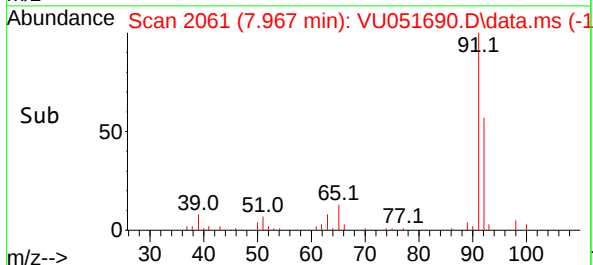
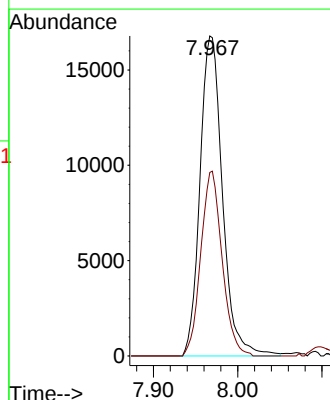
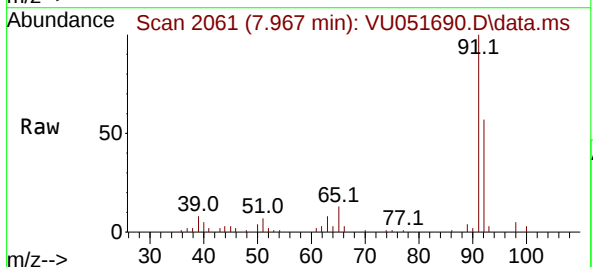
RT: 7.967 min Scan# 2061

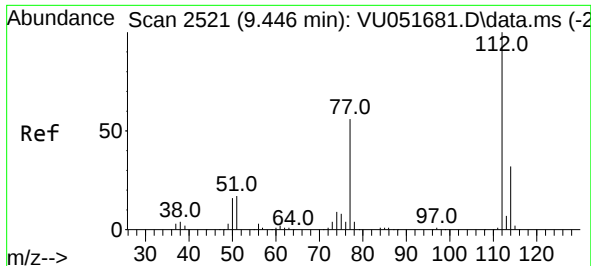
Delta R.T. -0.000 min

Lab File: VU051690.D

Acq: 02 Nov 2022 14:26

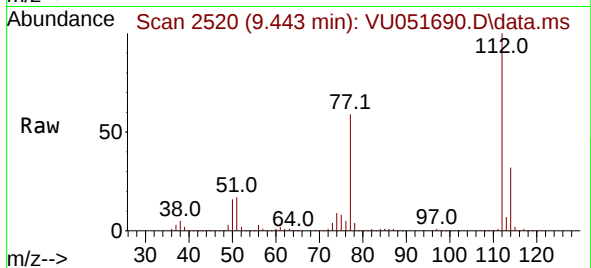
Tgt Ion: 91	Resp: 31188
Ion Ratio	Lower Upper
91 100	
92 57.4	40.5 75.3





#51
Chlorobenzene
Concen: 21.906 ug/L
RT: 9.443 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU051690.D
Acq: 02 Nov 2022 14:26

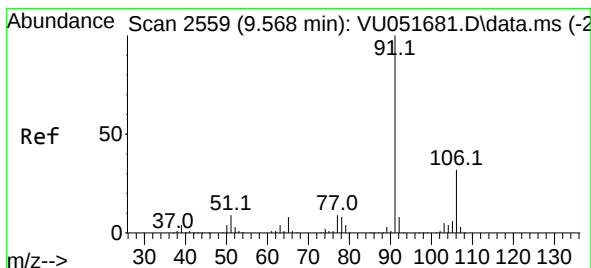
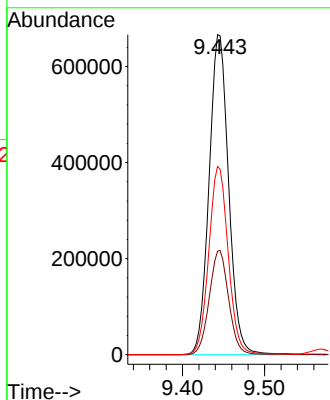
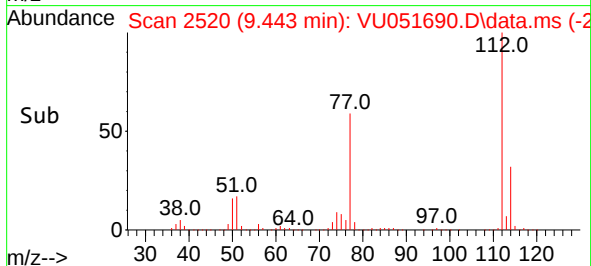
Instrument :
MSVOA_U
ClientSampleId :
DBWM6



Tgt Ion:112 Resp: 1101334
Ion Ratio Lower Upper
112 100
114 32.4 22.0 40.8
77 58.9 46.7 70.1

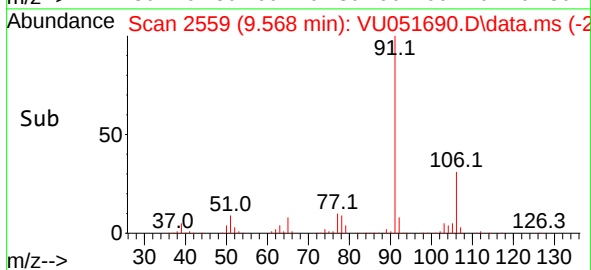
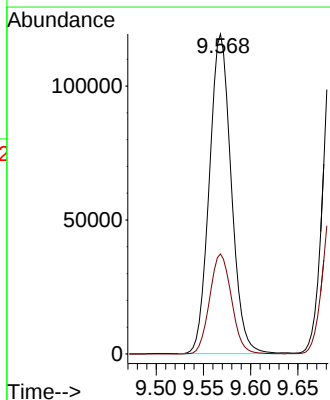
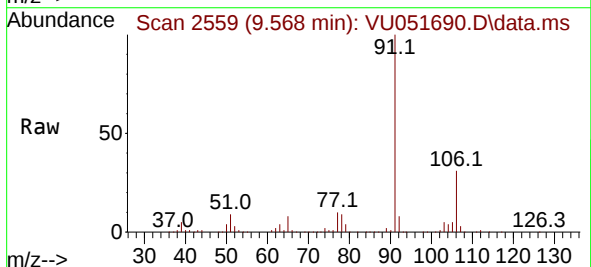
Manual Integrations
APPROVED

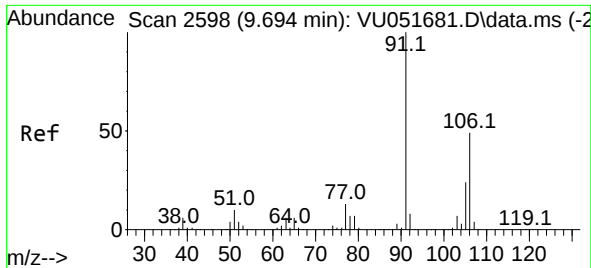
Reviewed By :Krupa Patel 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#52
Ethylbenzene
Concen: 2.487 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.000 min
Lab File: VU051690.D
Acq: 02 Nov 2022 14:26

Tgt Ion: 91 Resp: 191717
Ion Ratio Lower Upper
91 100
106 31.3 21.8 40.6





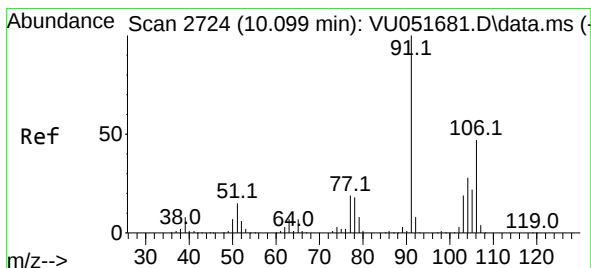
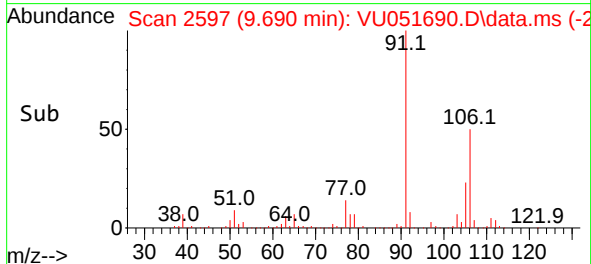
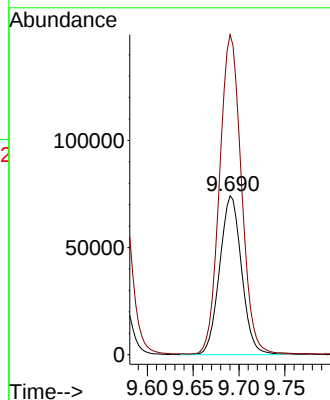
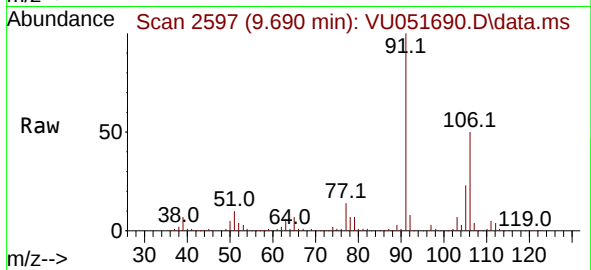
#53
m,p-Xylene
Concen: 4.121 ug/L
RT: 9.690 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU051690.D
Acq: 02 Nov 2022 14:26

Instrument :
MSVOA_U
ClientSampleId :
DBWM6

Tgt Ion:106 Resp: 12336
Ion Ratio Lower Upper
106 100
91 201.4 139.4 259.0

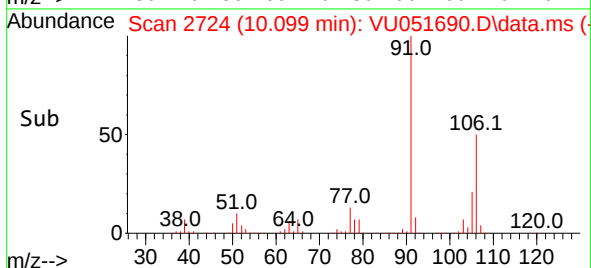
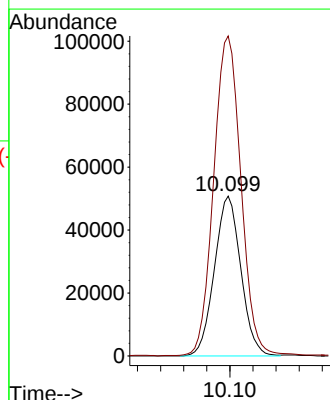
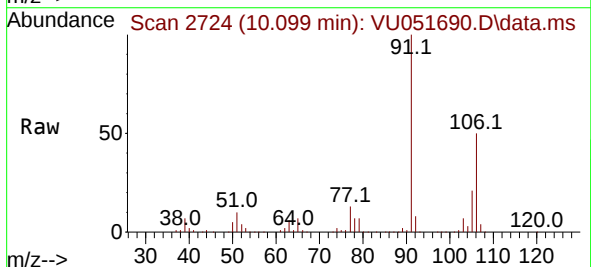
Manual Integrations
APPROVED

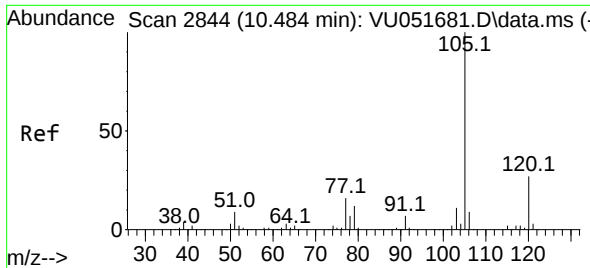
Reviewed By :Krupa Patel 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#54
o-Xylene
Concen: 2.755 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. -0.000 min
Lab File: VU051690.D
Acq: 02 Nov 2022 14:26

Tgt Ion:106 Resp: 80602
Ion Ratio Lower Upper
106 100
91 200.2 149.2 277.2





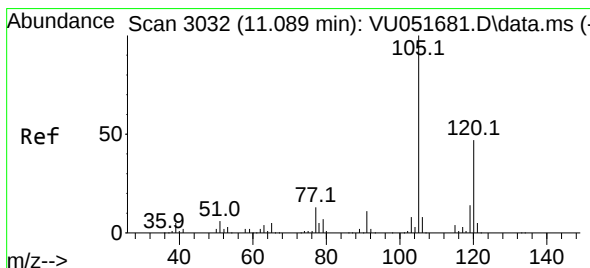
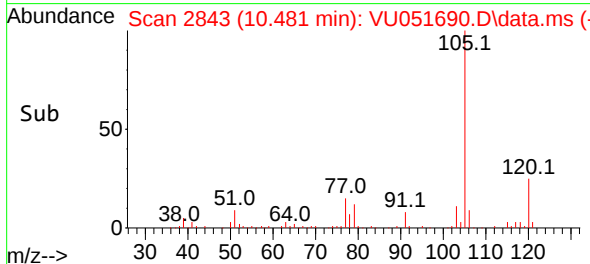
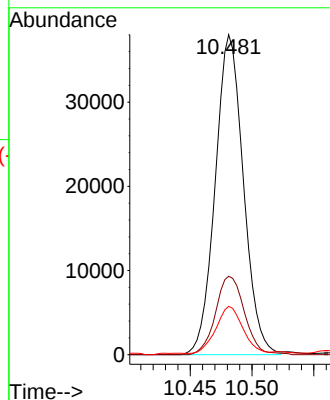
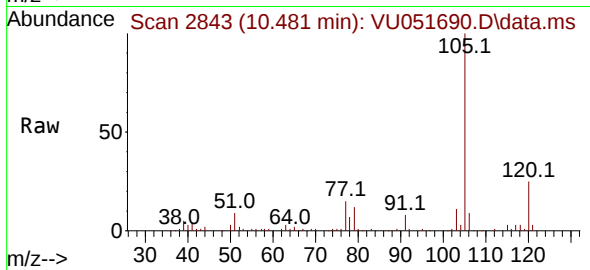
#60
Isopropylbenzene
Concen: 0.692 ug/L m
RT: 10.481 min Scan# 2844
Delta R.T. -0.003 min
Lab File: VU051690.D
Acq: 02 Nov 2022 14:26

Instrument :
MSVOA_U
ClientSampleId :
DBWM6

Tgt Ion:105 Resp: 60224
Ion Ratio Lower Upper
105 100
120 116.4 20.9 31.3
77 46.7 12.3 18.5

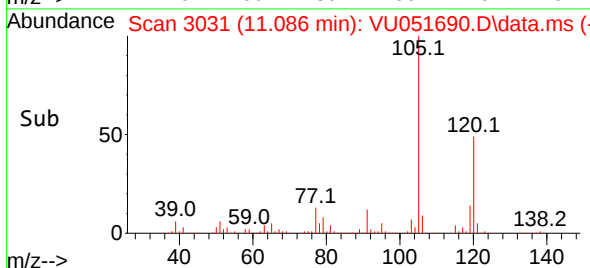
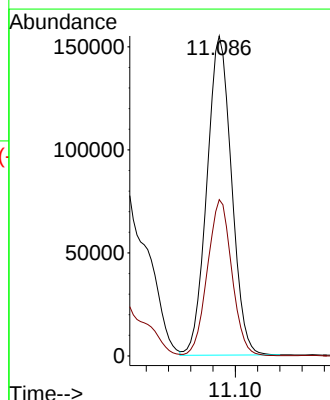
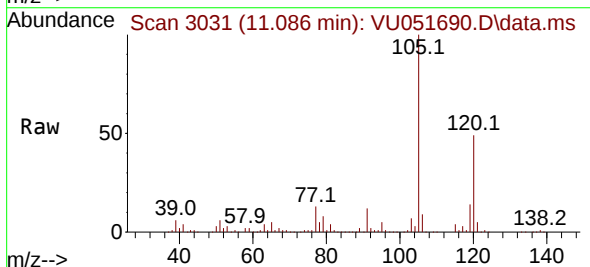
Manual Integrations
APPROVED

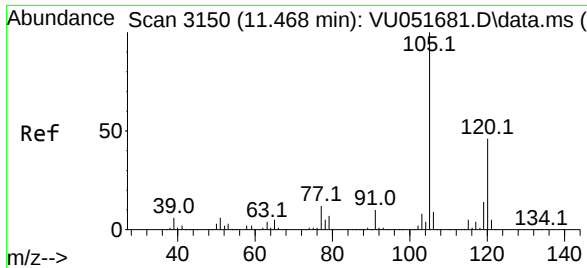
Reviewed By :Krupa Patel 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#62
1,3,5-Trimethylbenzene
Concen: 10.151 ug/L
RT: 11.086 min Scan# 3031
Delta R.T. -0.003 min
Lab File: VU051690.D
Acq: 02 Nov 2022 14:26

Tgt Ion:105 Resp: 237859
Ion Ratio Lower Upper
105 100
120 48.5 38.6 57.8





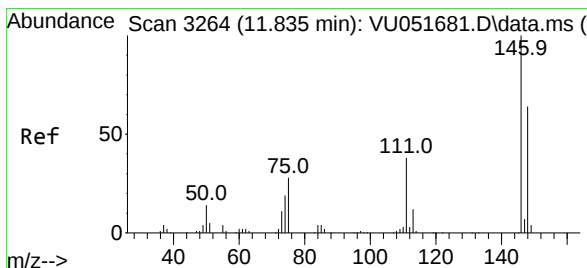
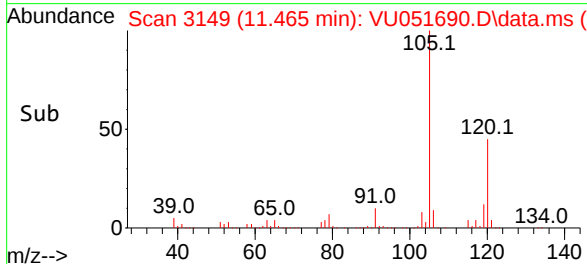
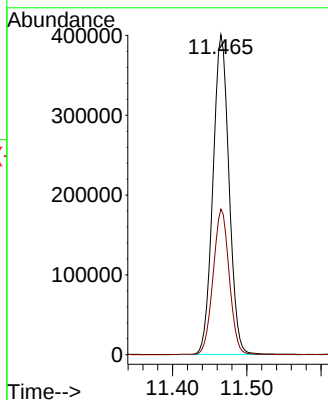
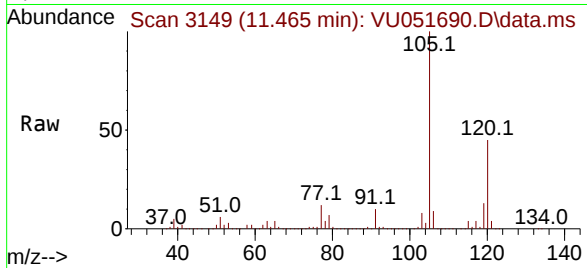
#63
1,2,4-Trimethylbenzene
Concen: 8.945 ug/L
RT: 11.465 min Scan# 3150
Delta R.T. -0.003 min
Lab File: VU051690.D
Acq: 02 Nov 2022 14:26

Instrument :
MSVOA_U
ClientSampleId :
DBWM6

Tgt Ion:105 Resp: 60436
Ion Ratio Lower Upper
105 100
120 45.3 35.8 53.6

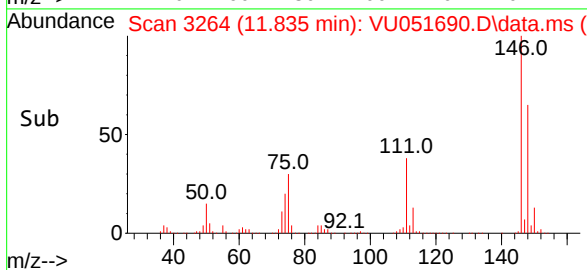
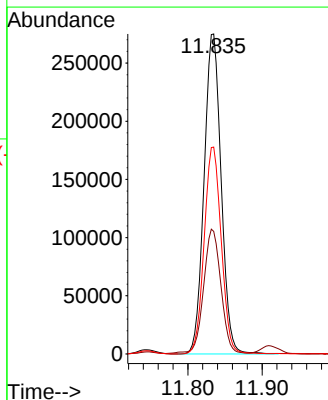
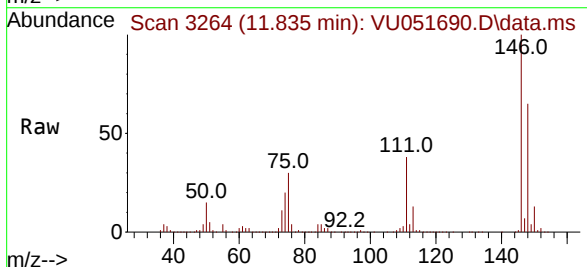
Manual Integrations
APPROVED

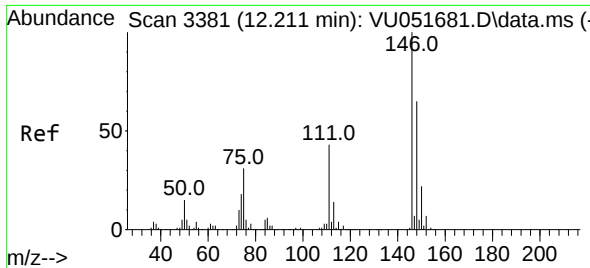
Reviewed By :Krupa Patel 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#65
1,4-Dichlorobenzene
Concen: 10.101 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU051690.D
Acq: 02 Nov 2022 14:26

Tgt Ion:146 Resp: 438834
Ion Ratio Lower Upper
146 100
111 38.3 26.7 49.5
148 64.6 43.5 80.9





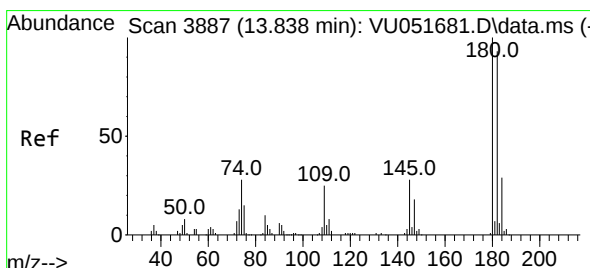
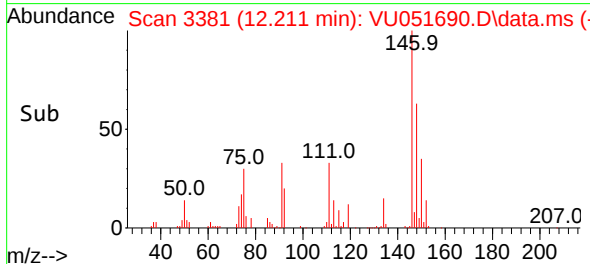
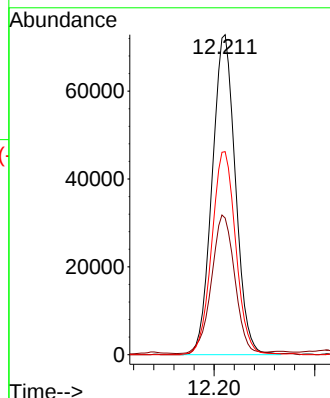
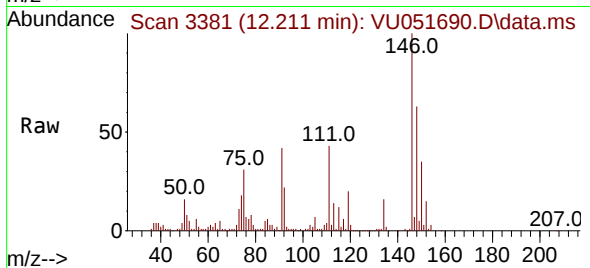
#67
1,2-Dichlorobenzene
Concen: 2.772 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. -0.000 min
Lab File: VU051690.D
Acq: 02 Nov 2022 14:26

Instrument :
MSVOA_U
ClientSampleId :
DBWM6

Tgt Ion:146 Resp: 11699
Ion Ratio Lower Upper
146 100
111 42.7 34.2 51.2
148 63.5 50.1 75.1

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#70
1,2,4-trichlorobenzene
Concen: 1.001 ug/L
RT: 13.838 min Scan# 3887
Delta R.T. -0.000 min
Lab File: VU051690.D
Acq: 02 Nov 2022 14:26

Tgt Ion:180 Resp: 23725
Ion Ratio Lower Upper
180 100
182 98.1 77.8 116.6
145 93.6 25.0 37.6#

