

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110322\
 Data File : VU051730.D
 Acq On : 03 Nov 2022 13:45
 Operator : JC/MD
 Sample : N5321-10DL 2X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBWM6DL

Manual Integrations
 APPROVED

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

Quant Time: Nov 04 00:50:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 04 00:49:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	177599	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	196087	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	120572	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	61438	4.593	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.800%
7) Chloroethane-d5	1.910	69	56151	4.025	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.600%
11) 1,1-Dichloroethene-d2	2.562	65	24503	5.048	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.000%
20) 2-Butanone-d5	4.643	46	169849	35.062	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	70.120%
24) Chloroform-d	5.064	84	128984	4.121	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.400%
26) 1,2-Dichloroethane-d4	5.700	65	65123	3.852	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.000%
32) Benzene-d6	5.726	84	239210	3.866	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.400%
36) 1,2-Dichloropropane-d6	6.691	67	83609	3.864	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	77.200%
41) Toluene-d8	7.896	98	185150	3.805	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.000%
43) trans-1,3-Dichloroprop...	8.179	79	26561	4.015	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.200%
46) 2-Hexanone-d5	8.633	63	136651	34.311	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	68.620%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	76365	3.851	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.000%
66) 1,2-Dichlorobenzene-d4	12.189	152	95872	4.332	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.600%
Target Compounds						
13) Acetone	2.665	43	25494	10.372	ug/L	61
14) Carbon disulfide	2.791	76	157384	3.162	ug/L	99
16) Methylene chloride	3.045	84	9631	0.381	ug/L	93
21) 2-Butanone	4.745	43	5308	1.379	ug/L	85
33) Benzene	5.771	78	363529	4.698	ug/L	100
35) Methylcyclohexane	6.761	83	7604	0.294	ug/L	92
51) Chlorobenzene	9.446	112	522303	10.442	ug/L	99
52) Ethylbenzene	9.568	91	90129	1.175	ug/L	97
53) m,p-Xylene	9.691	106	54745	1.838	ug/L	96
54) o-Xylene	10.099	106	35639	1.224	ug/L	99
60) Isopropylbenzene	10.482	105	25904m	0.294	ug/L	
62) 1,3,5-Trimethylbenzene	11.086	105	90330	3.812	ug/L	98
63) 1,2,4-Trimethylbenzene	11.465	105	238721	3.494	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	233483	5.314	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	62270	1.459	ug/L	97
70) 1,2,4-trichlorobenzene	13.838	180	12525	0.522	ug/L #	78

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

Instrument :

MSVOA_U

ClientSampleId :

DBWM6DL

Manual Integrations

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Supervised By :Mahesh Dadoda 11/04/2022

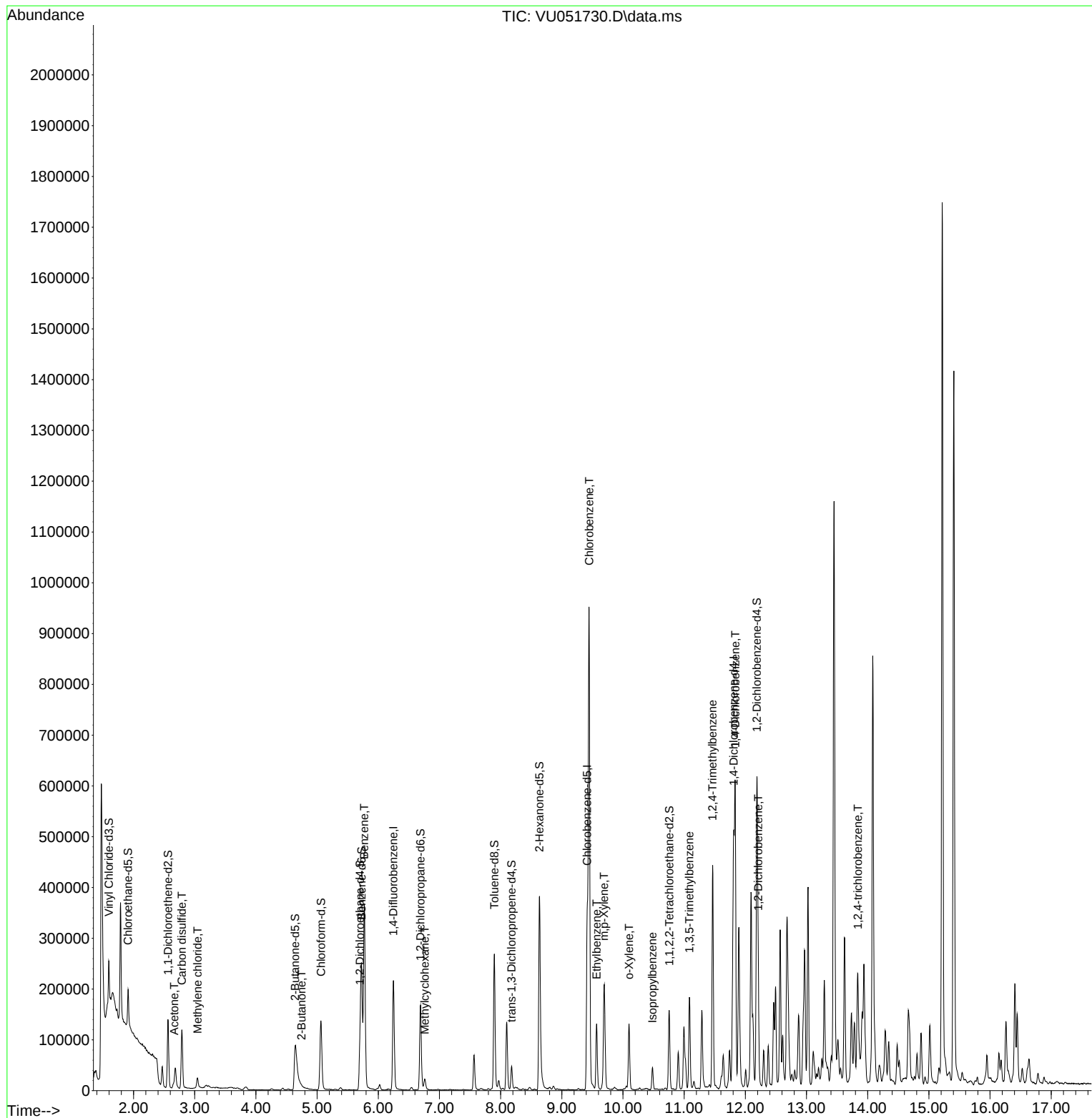
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110322\
Data File : VU051730.D
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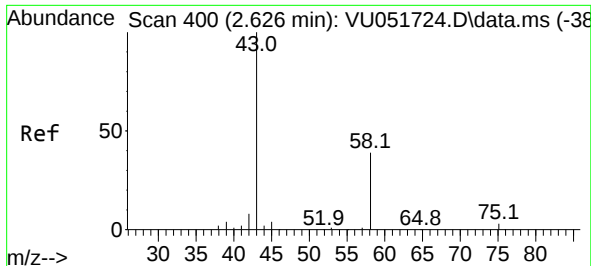
Instrument :
MSVOA_U
ClientSampleId :
DBWM6DL

Quant Time: Nov 04 00:50:53 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 04 00:49:19 2022
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#13

Acetone

Concen: 10.372 ug/L

RT: 2.665 min Scan# 412

Delta R.T. 0.039 min

Lab File: VU051730.D

Acq: 03 Nov 2022 13:45

Instrument :

MSVOA_U

ClientSampleId :

DBWM6DL

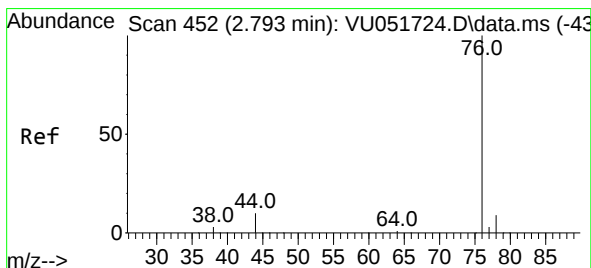
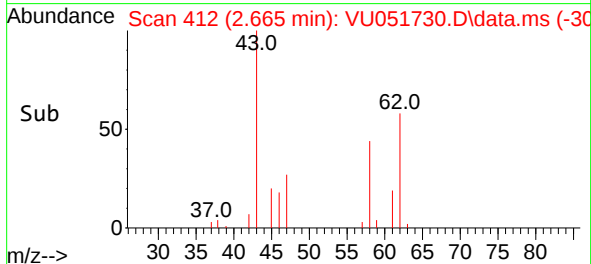
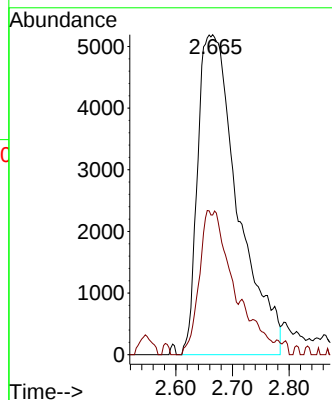
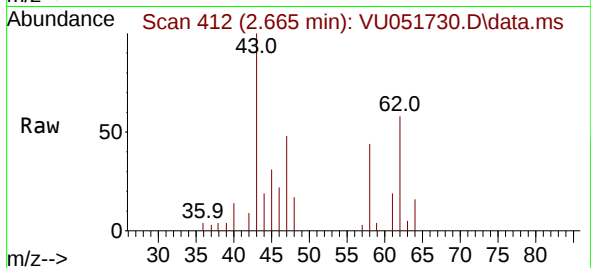
Tgt Ion: 43 Resp: 25494
 Ion Ratio Lower Upper
 43 100
 58 13.8 0.0 73.8

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Supervised By :Mahesh Dadoda 11/04/2022



#14

Carbon disulfide

Concen: 3.162 ug/L

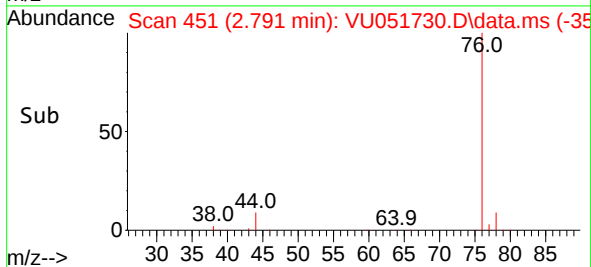
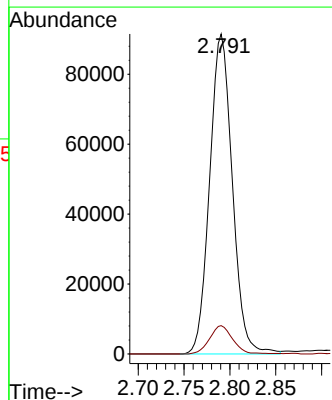
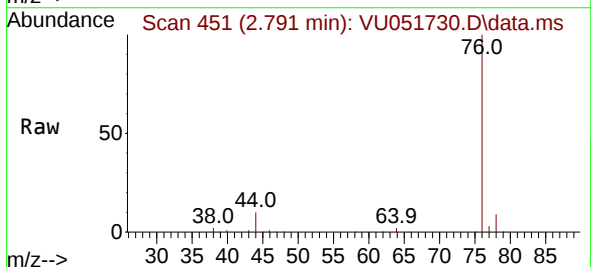
RT: 2.791 min Scan# 451

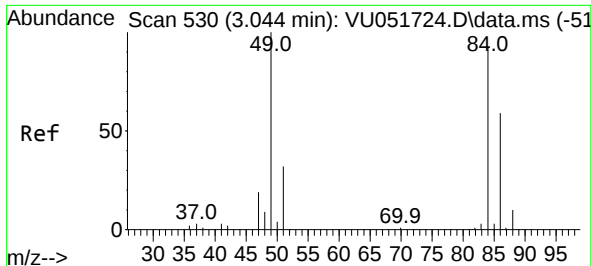
Delta R.T. -0.003 min

Lab File: VU051730.D

Acq: 03 Nov 2022 13:45

Tgt Ion: 76 Resp: 157384
 Ion Ratio Lower Upper
 76 100
 78 8.9 7.4 11.2





#16

Methylene chloride

Concen: 0.381 ug/L

RT: 3.045 min Scan# 51

Delta R.T. 0.000 min

Lab File: VU051730.D

Acq: 03 Nov 2022 13:45

Instrument :

MSVOA_U

ClientSampleId :

DBWM6DL

Tgt Ion: 84 Resp: 963

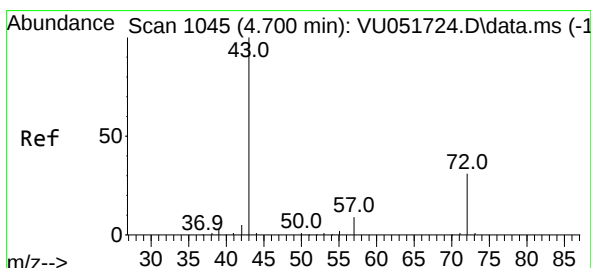
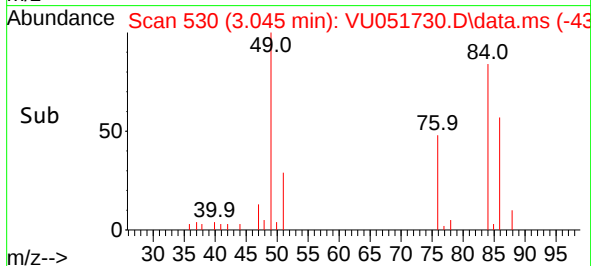
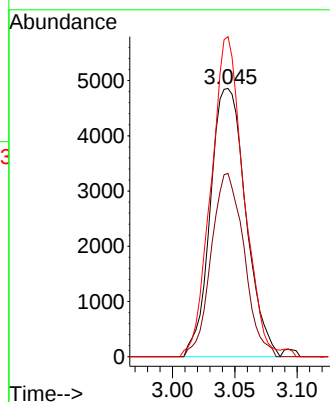
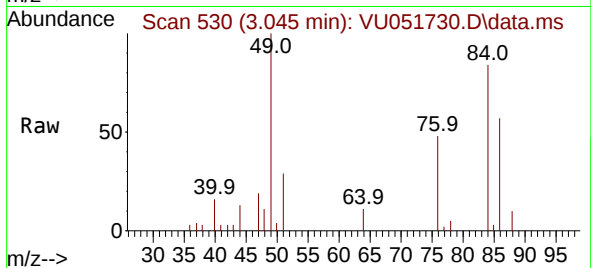
Ion	Ratio	Lower	Upper
84	100		
86	68.3	46.3	85.9
49	119.3	76.0	141.2

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#21

2-Butanone

Concen: 1.379 ug/L

RT: 4.745 min Scan# 1059

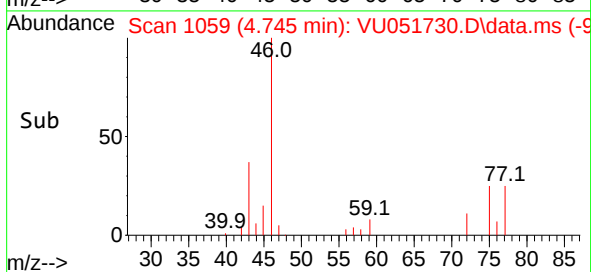
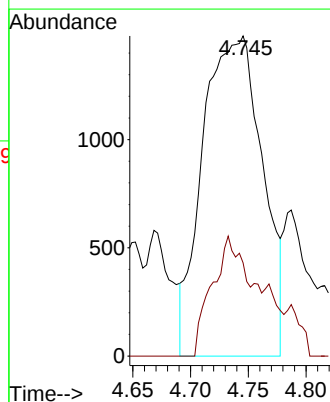
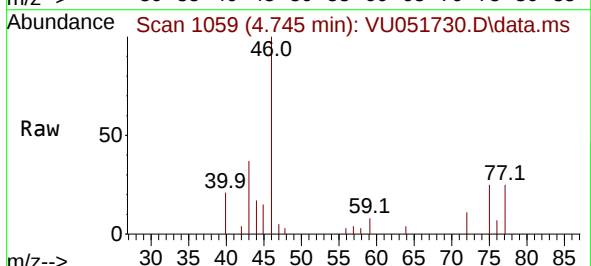
Delta R.T. 0.045 min

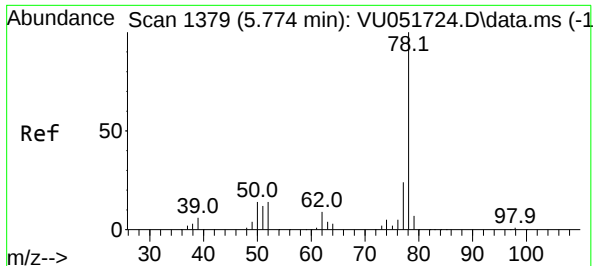
Lab File: VU051730.D

Acq: 03 Nov 2022 13:45

Tgt Ion: 43 Resp: 5308

Ion	Ratio	Lower	Upper
43	100		
72	23.8	16.2	48.5





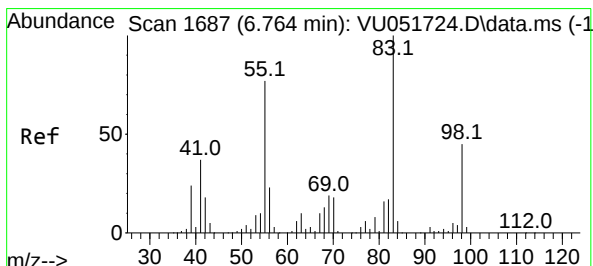
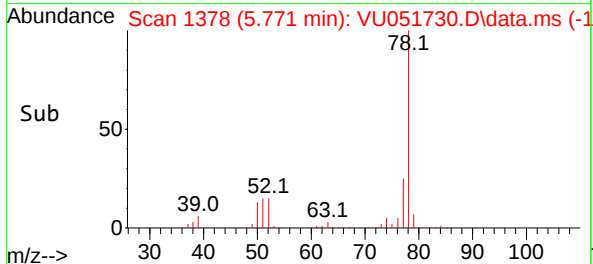
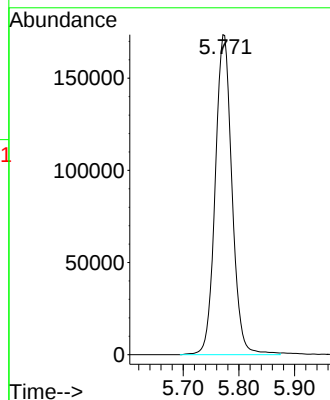
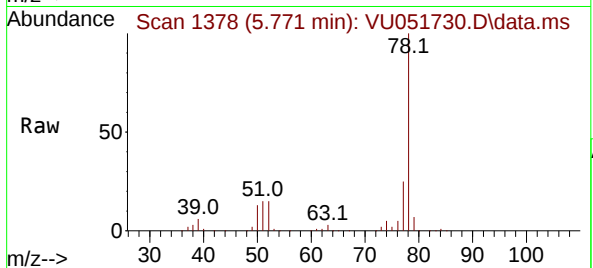
#33
Benzene
Concen: 4.698 ug/L
RT: 5.771 min Scan# 1379
Delta R.T. -0.003 min
Lab File: VU051730.D
Acq: 03 Nov 2022 13:45

Instrument :
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ClientSampleId :
DBWM6DL

Tgt Ion: 78 Resp: 363529

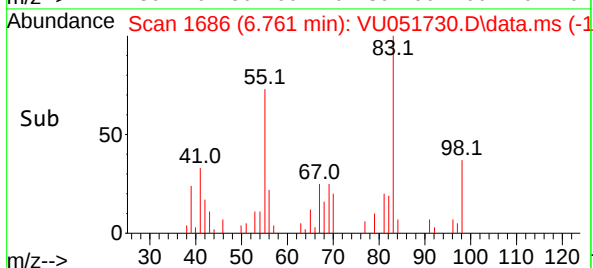
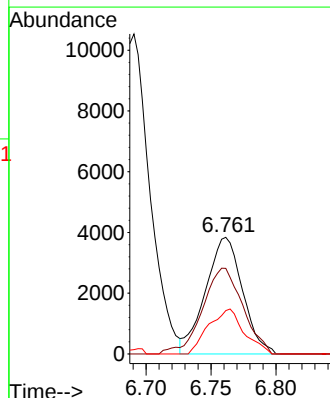
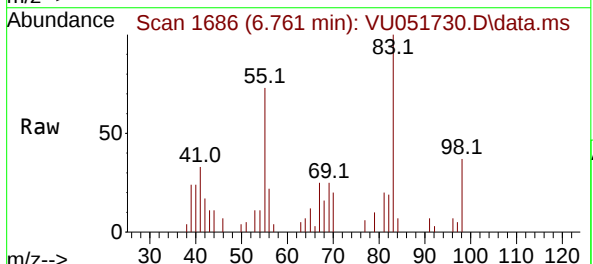
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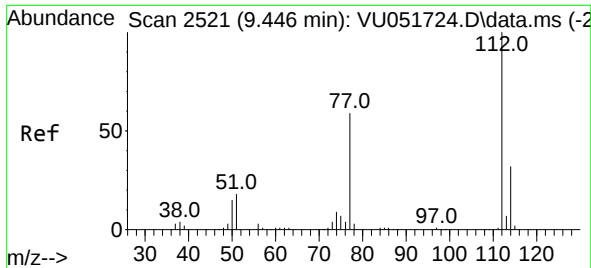
Reviewed By :Krupa Patel 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#35
Methylcyclohexane
Concen: 0.294 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.003 min
Lab File: VU051730.D
Acq: 03 Nov 2022 13:45

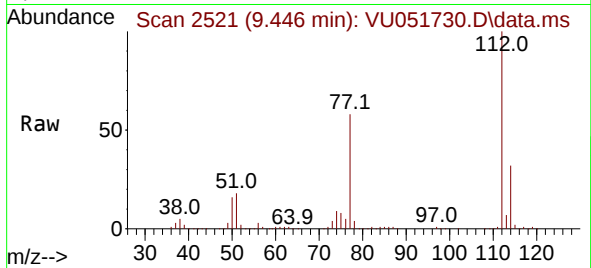
Tgt Ion: 83 Resp: 7604
Ion Ratio Lower Upper
83 100
55 79.9 60.6 90.8
98 36.9 35.8 53.6





#51
Chlorobenzene
Concen: 10.442 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU051730.D
Acq: 03 Nov 2022 13:45

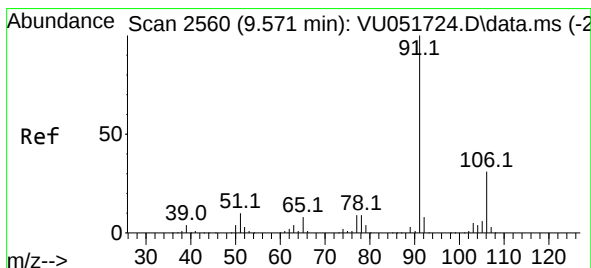
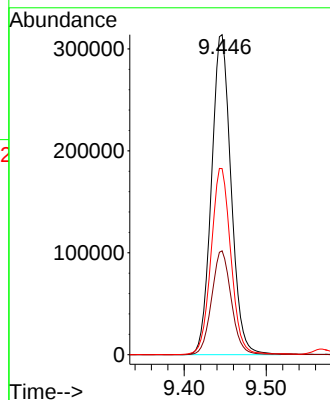
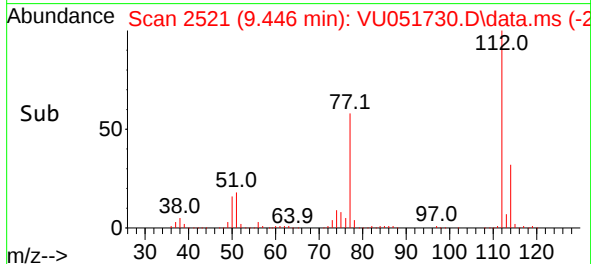
Instrument :
MSVOA_U
ClientSampleId :
DBWM6DL



Tgt Ion:112 Resp: 52230
Ion Ratio Lower Upper
112 100
114 32.5 22.0 40.8
77 58.1 46.7 70.1

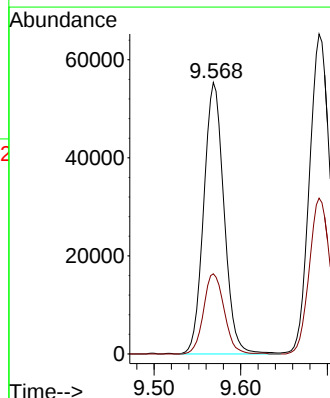
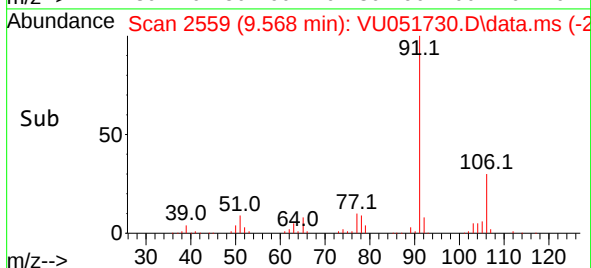
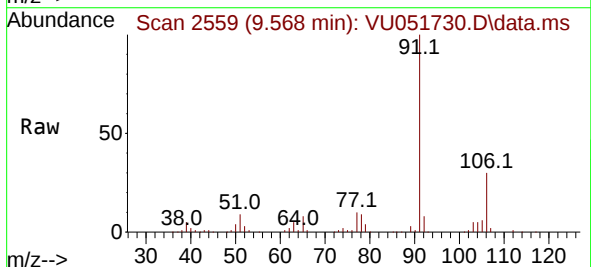
Manual Integrations
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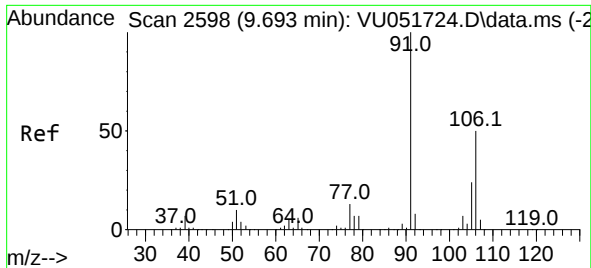
Reviewed By :Krupa Patel 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#52
Ethylbenzene
Concen: 1.175 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.003 min
Lab File: VU051730.D
Acq: 03 Nov 2022 13:45

Tgt Ion: 91 Resp: 90129
Ion Ratio Lower Upper
91 100
106 29.6 21.8 40.6





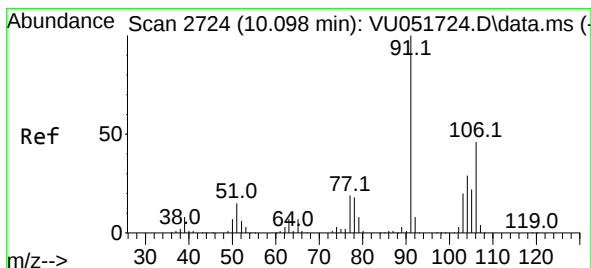
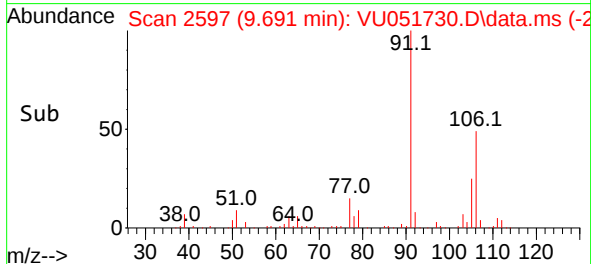
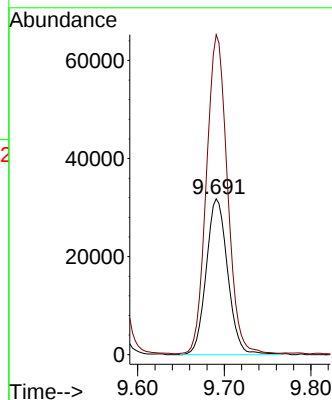
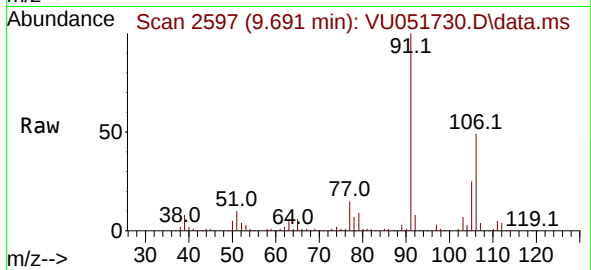
#53
m,p-Xylene
Concen: 1.838 ug/L
RT: 9.691 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU051730.D
Acq: 03 Nov 2022 13:45

Instrument :
MSVOA_U
ClientSampleId :
DBWM6DL

Tgt Ion:106 Resp: 5474
Ion Ratio Lower Upper
106 100
91 205.4 139.4 259.0

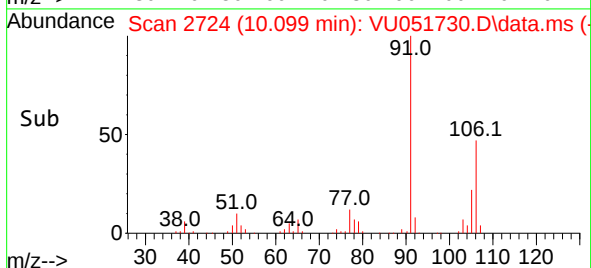
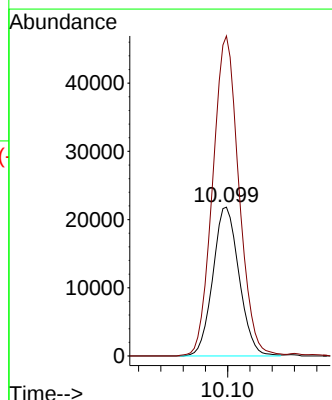
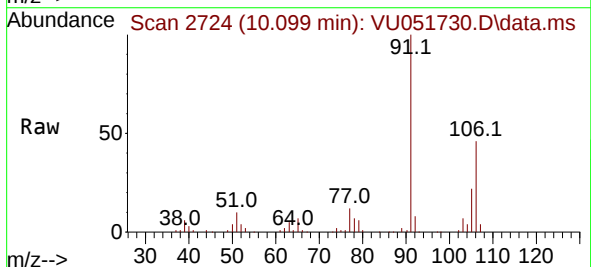
Manual Integrations
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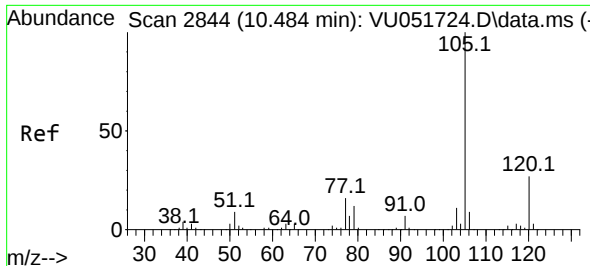
Reviewed By :Krupa Patel 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#54
o-Xylene
Concen: 1.224 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. 0.000 min
Lab File: VU051730.D
Acq: 03 Nov 2022 13:45

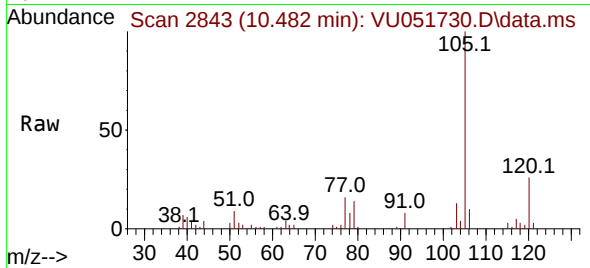
Tgt Ion:106 Resp: 35639
Ion Ratio Lower Upper
106 100
91 215.2 149.2 277.2





#60
Isopropylbenzene
Concen: 0.294 ug/L m
RT: 10.482 min Scan# 2844
Delta R.T. -0.003 min
Lab File: VU051730.D
Acq: 03 Nov 2022 13:45

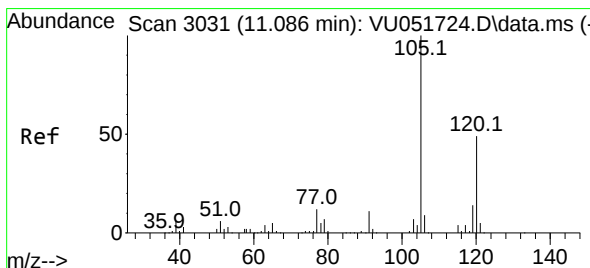
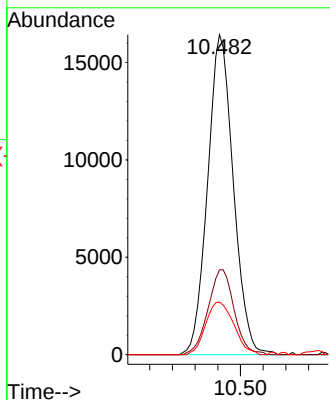
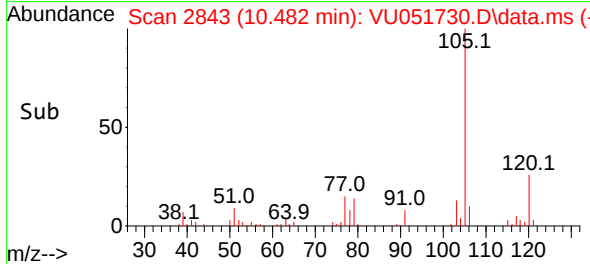
Instrument :
MSVOA_U
ClientSampleId :
DBWM6DL



Tgt Ion:105 Resp: 25904
Ion Ratio Lower Upper
105 100
120 115.9 20.9 31.3
77 47.6 12.3 18.5

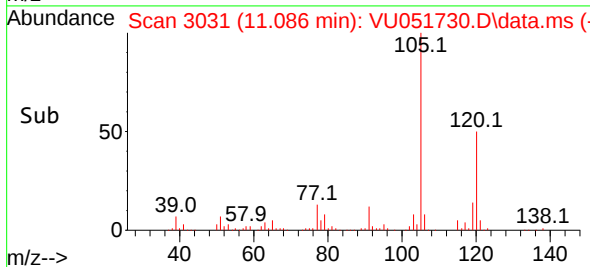
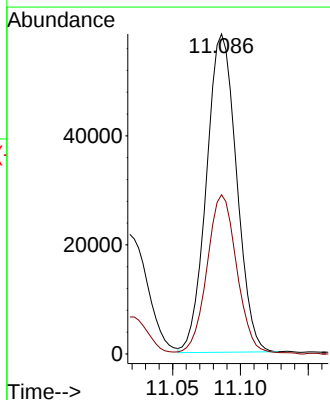
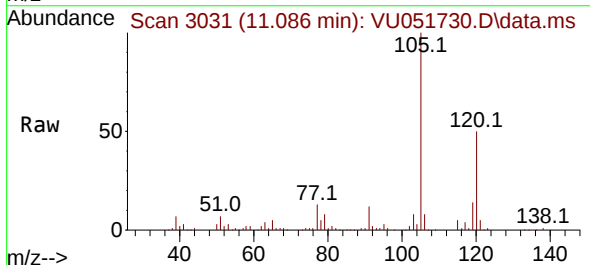
Manual Integrations
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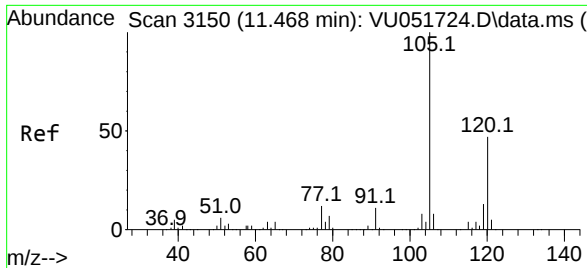
Reviewed By :Krupa Patel 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#62
1,3,5-Trimethylbenzene
Concen: 3.812 ug/L
RT: 11.086 min Scan# 3031
Delta R.T. 0.000 min
Lab File: VU051730.D
Acq: 03 Nov 2022 13:45

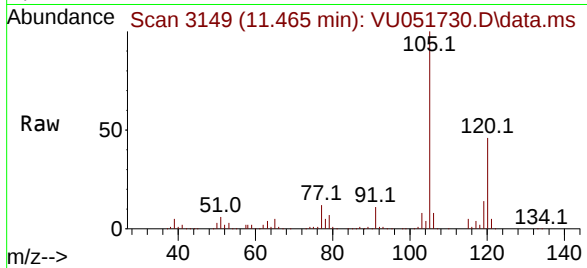
Tgt Ion:105 Resp: 90330
Ion Ratio Lower Upper
105 100
120 49.8 38.6 57.8





#63
1,2,4-Trimethylbenzene
Concen: 3.494 ug/L
RT: 11.465 min Scan# 3150
Delta R.T. -0.003 min
Lab File: VU051730.D
Acq: 03 Nov 2022 13:45

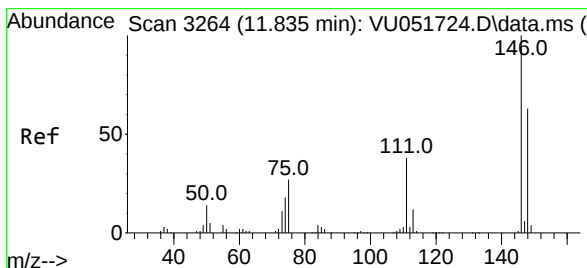
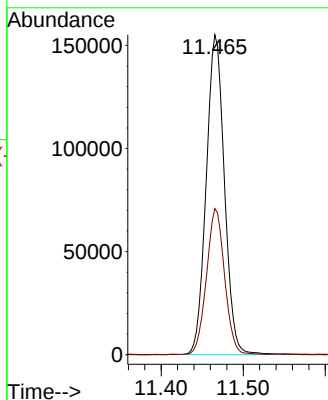
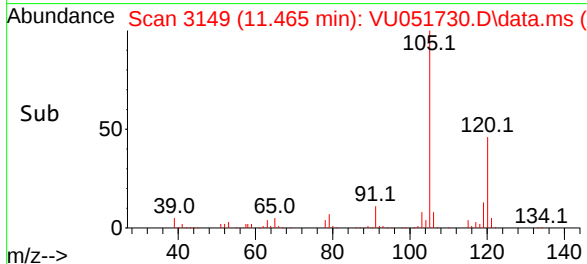
Instrument :
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ClientSampleId :
DBWM6DL



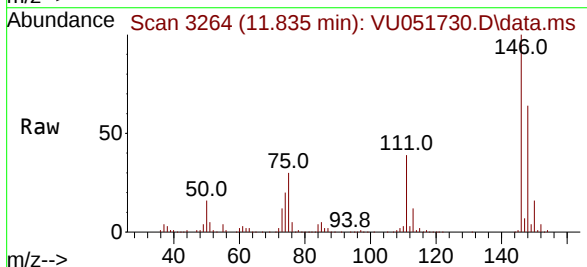
Tgt Ion:105 Resp: 23872
Ion Ratio Lower Upper
105 100
120 45.7 35.8 53.6

Manual Integrations
APPROVED

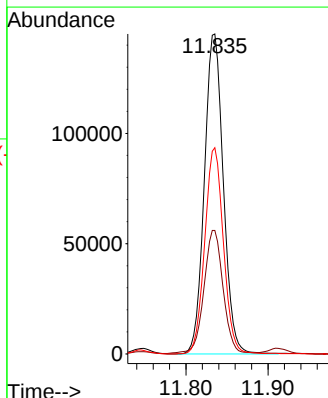
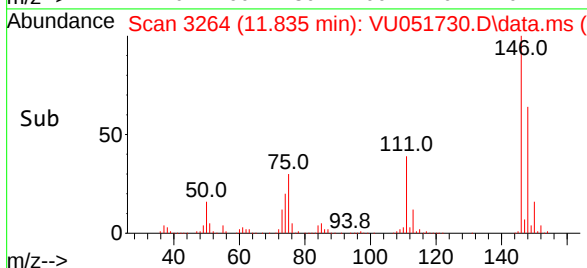
Reviewed By :Krupa Patel 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022

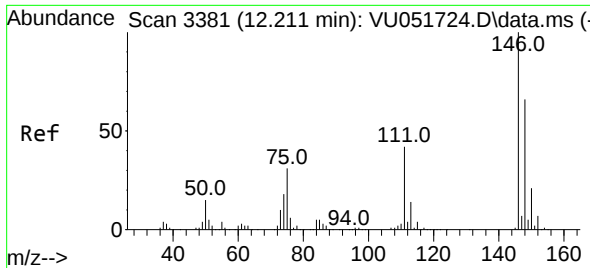


#65
1,4-Dichlorobenzene
Concen: 5.314 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.001 min
Lab File: VU051730.D
Acq: 03 Nov 2022 13:45



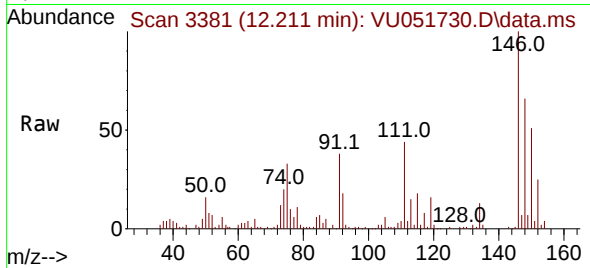
Tgt Ion:146 Resp: 233483
Ion Ratio Lower Upper
146 100
111 38.6 26.7 49.5
148 64.5 43.5 80.9





#67
1,2-Dichlorobenzene
Concen: 1.459 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU051730.D
Acq: 03 Nov 2022 13:45

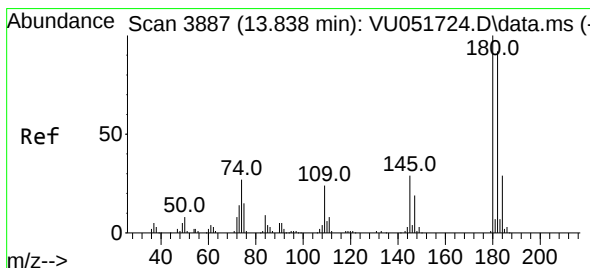
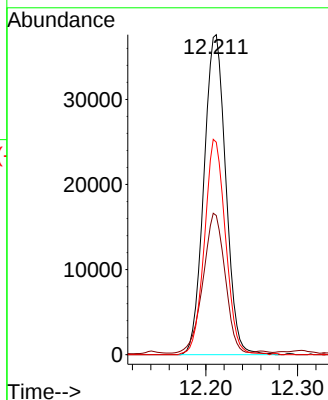
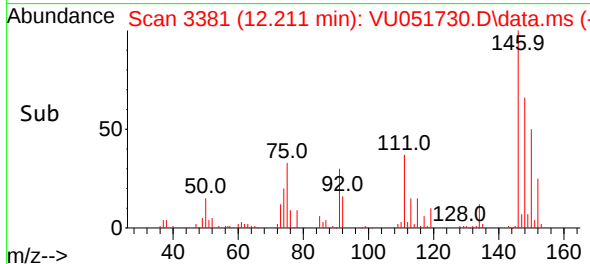
Instrument :
MSVOA_U
ClientSampleId :
DBWM6DL



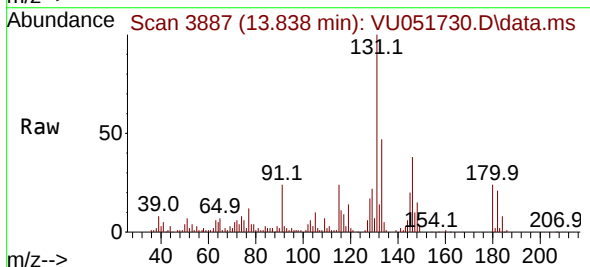
Tgt Ion:146 Resp: 62270
Ion Ratio Lower Upper
146 100
111 43.5 34.2 51.2
148 66.4 50.1 75.1

Manual Integrations
APPROVED

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



#70
1,2,4-trichlorobenzene
Concen: 0.522 ug/L
RT: 13.838 min Scan# 3887
Delta R.T. 0.000 min
Lab File: VU051730.D
Acq: 03 Nov 2022 13:45



Tgt Ion:180 Resp: 12525
Ion Ratio Lower Upper
180 100
182 96.6 77.8 116.6
145 80.6 25.0 37.6#

