

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101722\
 Data File : VU051431.D
 Acq On : 17 Oct 2022 16:07
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/18/2022
 Supervised By :Mahesh Dadoda 10/21/2022

Quant Time: Oct 18 04:24:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101722DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Oct 18 04:21:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.112	96	56326	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.629	95	20746	1.112	ug/l	0.00
Spiked Amount 1.000			Recovery	=	111.000%	
68) 1,2-Dichlorobenzene-d4	12.192	152	22198	1.070	ug/l	0.00
Spiked Amount 1.000			Recovery	=	107.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	87836m	4.652	ug/l	
3) Chloromethane	1.540	50	139918	5.457	ug/l	99
4) Vinyl Chloride	1.604	62	120626	5.016	ug/l	100
5) Bromomethane	1.852	94	70578	4.653	ug/l	99
6) Chloroethane	1.929	64	78915	5.290	ug/l	99
7) Trichlorofluoromethane	2.138	101	131451	4.798	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.578	101	73512	4.716	ug/l	99
9) 1,1-Dichloroethene	2.578	96	78937	4.824	ug/l	97
10) Iodomethane	2.720	142	112307	4.831	ug/l	99
11) Allyl Chloride	2.919	41	126088	4.950	ug/l	100
12) Acrylonitrile	3.315	53	50150m	9.744	ug/l	
13) Acetone	2.627	43	86349	25.095	ug/l	98
14) Carbon Disulfide	2.791	76	283231	4.584	ug/l	100
15) Methylene Chloride	3.041	84	108037	3.835	ug/l	99
16) trans-1,2-Dichloroethene	3.347	96	91793	4.947	ug/l	99
17) 1,1-Dichloroethane	3.864	63	168601	5.190	ug/l	98
18) 2-Butanone	4.713	43	115061	25.605	ug/l	100
19) Cyclohexane	5.385	56	101229m	4.676	ug/l	
20) Methylcyclohexane	6.761	83	98620	4.526	ug/l	98
21) 2,2-Dichloropropane	4.665	77	115660	5.225	ug/l	100
22) cis-1,2-Dichloroethene	4.665	96	92918	5.211	ug/l	100
23) Diethyl Ether	2.379	59	74115	5.062	ug/l	99
24) tert-Butyl Alcohol	3.196	59	75289	88.978	ug/l	100
25) Methyl tert-Butyl Ether	3.366	73	222957	5.094	ug/l	99
26) Bromochloromethane	4.974	128	46316	5.399	ug/l	98
27) Chloroform	5.086	83	173003	5.240	ug/l	99
28) 1,1,1-Trichloroethane	5.311	97	131267	5.016	ug/l	98
29) 1,1-Dichloropropene	5.524	75	107749	5.177	ug/l	98
30) Carbon Tetrachloride	5.520	117	110571	4.974	ug/l	97
31) Isopropyl Ether	3.999	45	203777	4.850	ug/l	96
32) Ethyl-t-butyl ether	4.507	59	189016	5.064	ug/l	99
33) Tert-Amyl methyl ether	5.945	73	174607	5.234	ug/l	98
34) Propionitrile	4.781	54	40690	28.886	ug/l	98
35) Benzene	5.771	78	368718	5.334	ug/l	99
36) 1,2-Dichloroethane	5.797	62	113060	5.215	ug/l	100
37) Trichloroethene	6.540	130	84136	5.024	ug/l	96
38) 1,2-Dichloropropane	6.790	63	99637	5.291	ug/l	98
39) Methacrylonitrile	4.980	41	26434	5.310	ug/l	98
40) Methyl acrylate	4.852	55	45634	5.334	ug/l	# 92
41) Tetrahydrofuran	5.064	42	27276	10.382	ug/l	98
42) 1-Chlorobutane	5.456	56	146510	5.067	ug/l	98
43) Dibromomethane	6.919	93	53230	5.262	ug/l	97
44) Bromodichloromethane	7.105	83	126193	5.327	ug/l	99

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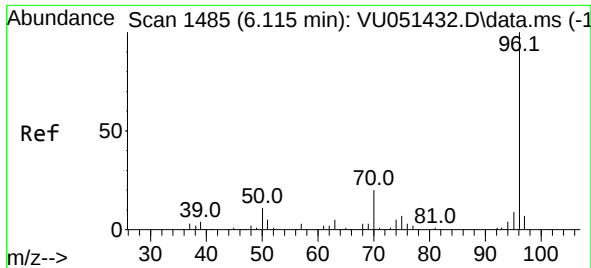
Manual Integrations
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Reviewed By :Krupa Patel 10/18/2022
 Supervised By :Mahesh Dadoda 10/21/2022

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101722DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.794	43	269936	25.226	ug/l	97
46) t-1,4-Dichloro-2-butene	10.829	75	59521m	15.755	ug/l	
47) Methyl methacrylate	6.964	69	87571	10.747	ug/l	99
48) Ethyl methacrylate	8.334	69	71569	5.237	ug/l	97
49) Toluene	7.967	92	212241	5.624	ug/l	100
50) t-1,3-Dichloropropene	8.208	75	106259	5.557	ug/l	98
51) cis-1,3-Dichloropropene	7.607	75	118435	5.313	ug/l	99
52) 1,1,2-Trichloroethane	8.401	97	78434	5.328	ug/l	97
53) 1,3-Dichloropropane	8.575	76	125632	5.356	ug/l	98
54) 2-Hexanone	8.684	43	188122	24.838	ug/l	98
55) Dibromochloromethane	8.810	129	82179	5.124	ug/l	99
56) 1,2-Dibromoethane	8.922	107	68879	5.251	ug/l	97
58) Tetrachloroethene	8.552	164	74833	4.529	ug/l	97
59) Chlorobenzene	9.446	112	225294	5.414	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.533	131	83491	5.151	ug/l	99
61) Pentachloroethane	11.427	117	75369	6.363	ug/l	98
62) Hexachloroethane	12.475	117	69587	5.320	ug/l	97
63) Ethyl Benzene	9.568	91	338324	5.294	ug/l	98
64) m/p-Xylenes	9.694	106	292439	11.566	ug/l	100
65) o-Xylene	10.099	106	137213	5.573	ug/l	98
66) Styrene	10.112	104	236621	5.829	ug/l	99
67) Bromoform	10.289	173	45464	4.919	ug/l	98
69) Isopropylbenzene	10.482	105	334228	5.477	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.781	83	103469	5.431	ug/l	99
71) 1,2,3-Trichloropropane	10.826	75	79691m	5.260	ug/l	
72) Bromobenzene	10.781	156	89143	5.387	ug/l	97
73) n-propylbenzene	10.903	120	95342	5.745	ug/l	96
74) 2-Chlorotoluene	10.983	126	92747	5.746	ug/l	98
75) 1,3,5-Trimethylbenzene	11.086	105	325357	5.992	ug/l	100
76) 4-Chlorotoluene	11.096	126	96358	6.019	ug/l	99
77) tert-Butylbenzene	11.420	119	289591	5.711	ug/l	98
78) 1,2,4-Trimethylbenzene	11.465	105	339823	6.067	ug/l	99
79) sec-Butylbenzene	11.642	105	390704	5.610	ug/l	100
80) Nitrobenzene	13.205	77	24510	23.268	ug/l	97
81) p-Isopropyltoluene	11.793	119	322896	5.863	ug/l	99
82) 1,3-Dichlorobenzene	11.745	146	195594	5.579	ug/l	99
83) 1,4-Dichlorobenzene	11.835	146	198903	5.743	ug/l	99
84) n-Butylbenzene	12.208	91	292404	5.647	ug/l	99
85) 1,2-Dichlorobenzene	12.211	146	190170	5.498	ug/l	100
86) 1,2-Dibromo-3-Chloropr...	12.996	75	16616	5.193	ug/l	98
87) 1,2,4-Trichlorobenzene	13.838	180	95145	5.076	ug/l	99
88) Hexachlorobutadiene	14.018	225	61949	5.129	ug/l	100
89) Naphthalene	14.086	128	196872	5.621	ug/l	99
90) 1,2,3-Trichlorobenzene	14.327	180	105853	5.273	ug/l	99

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



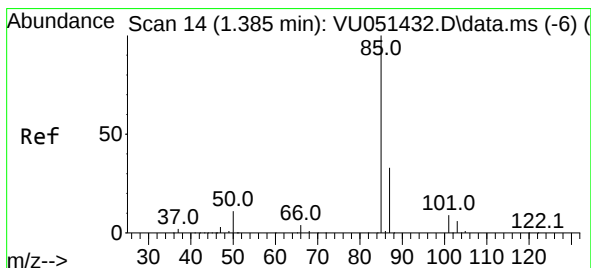
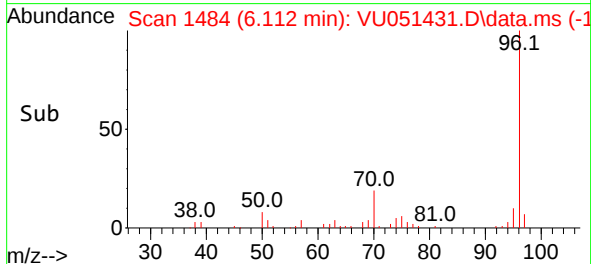
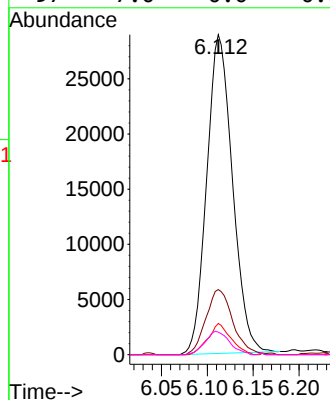
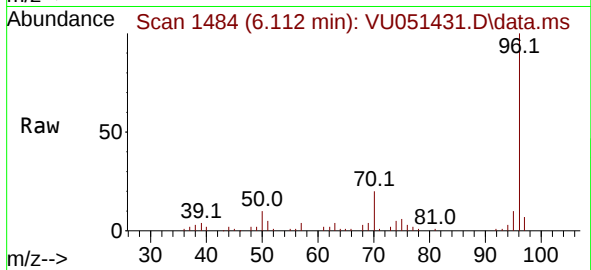
#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.112 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU051431.D
Acq: 17 Oct 2022 16:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 96 Resp: 56320
Ion Ratio Lower Upper
96 100
70 20.8 16.7 25.1
95 8.7 7.5 11.3
97 7.0 0.0 0.0#

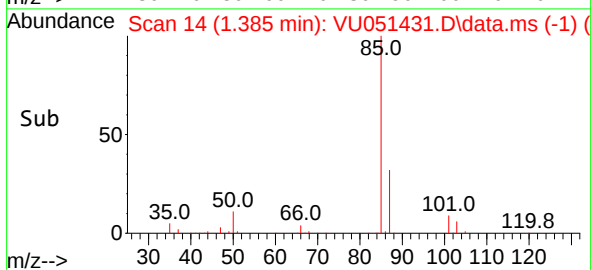
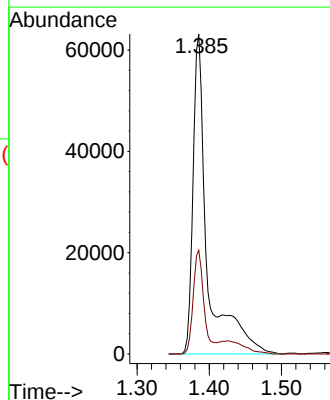
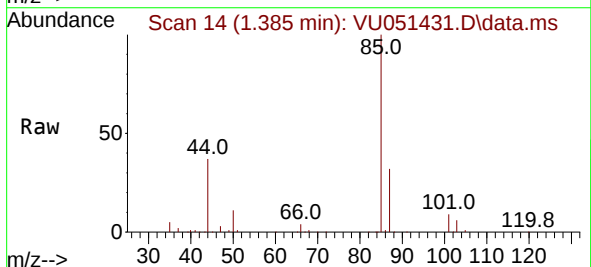
Manual Integrations
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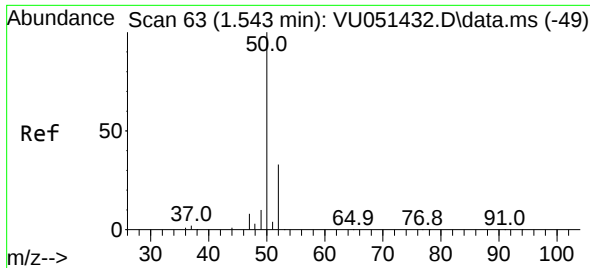
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/21/2022



#2
Dichlorodifluoromethane
Concen: 4.652 ug/l m
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU051431.D
Acq: 17 Oct 2022 16:07

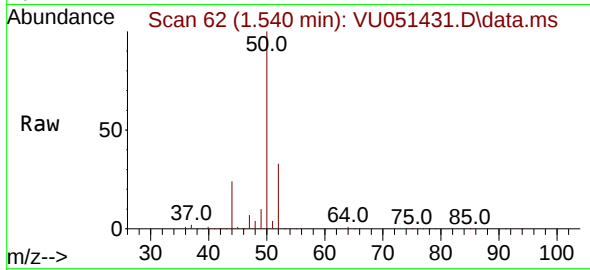
Tgt Ion: 85 Resp: 87836
Ion Ratio Lower Upper
85 100
87 32.4 16.4 49.4





#3
Chloromethane
Concen: 5.457 ug/l
RT: 1.540 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU051431.D
Acq: 17 Oct 2022 16:07

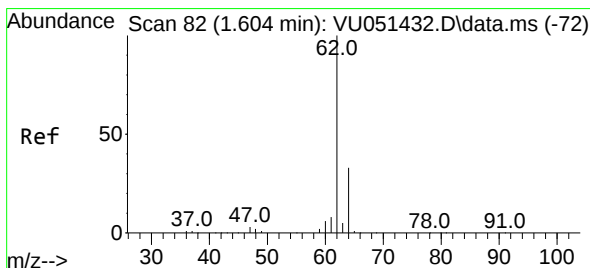
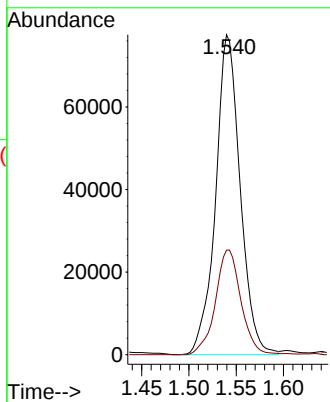
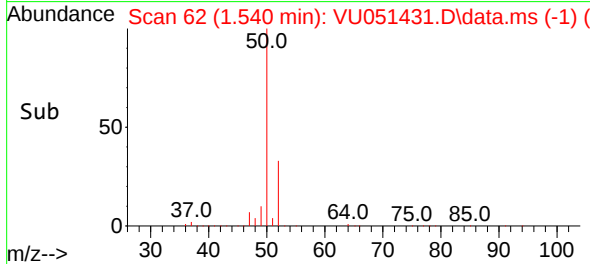
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



Tgt Ion: 50 Resp: 139918
Ion Ratio Lower Upper
50 100
52 32.7 26.7 40.1

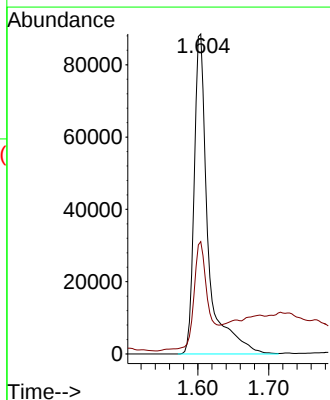
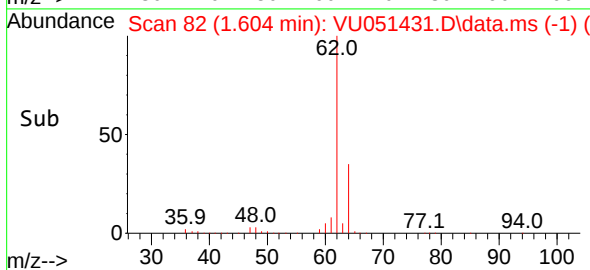
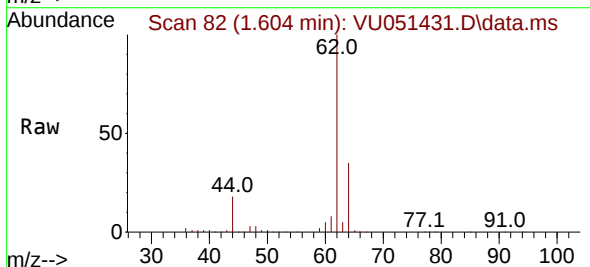
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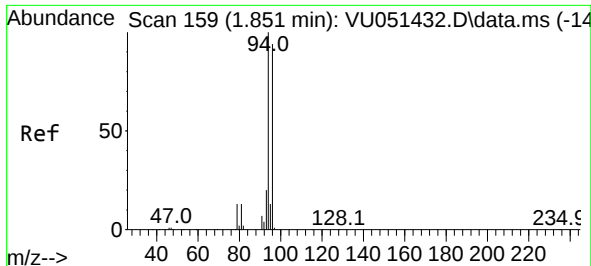
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/21/2022



#4
Vinyl Chloride
Concen: 5.016 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU051431.D
Acq: 17 Oct 2022 16:07

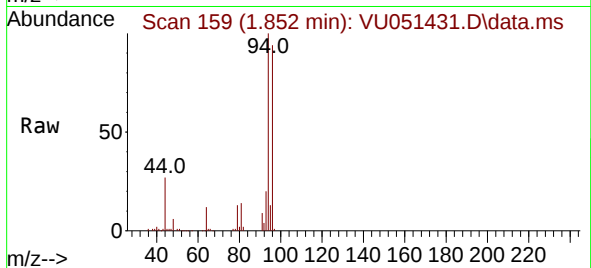
Tgt Ion: 62 Resp: 120626
Ion Ratio Lower Upper
62 100
64 33.4 26.7 40.1





#5
Bromomethane
Concen: 4.653 ug/l
RT: 1.852 min Scan# 159
Delta R.T. 0.000 min
Lab File: VU051431.D
Acq: 17 Oct 2022 16:07

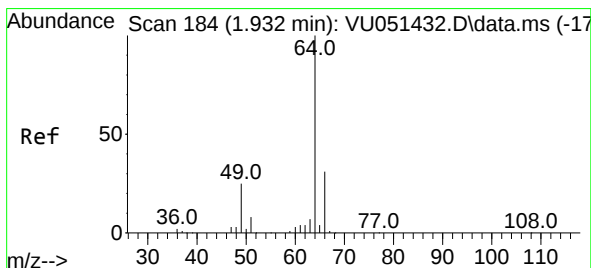
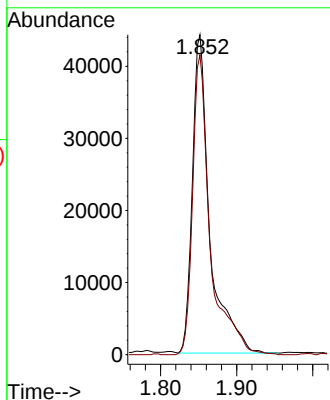
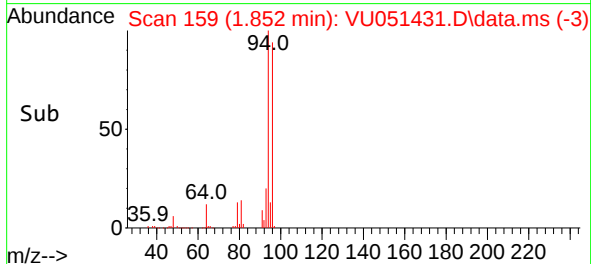
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



Tgt Ion: 94 Resp: 70578
Ion Ratio Lower Upper
94 100
96 94.1 74.8 112.2

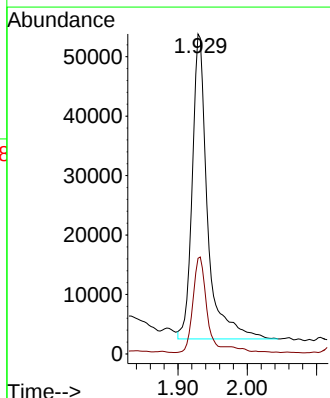
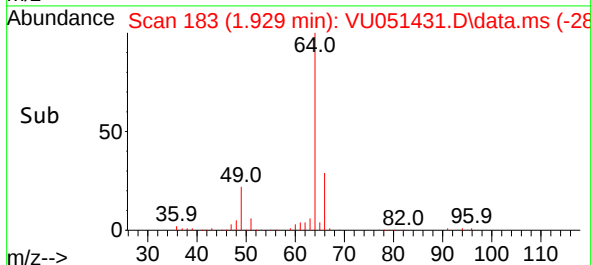
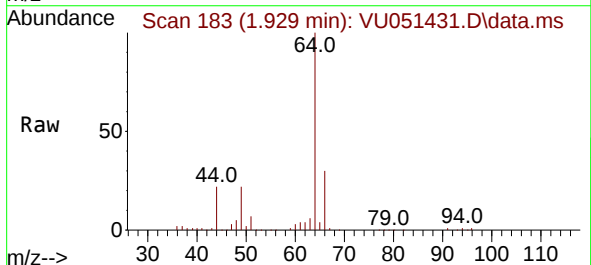
Manual Integrations
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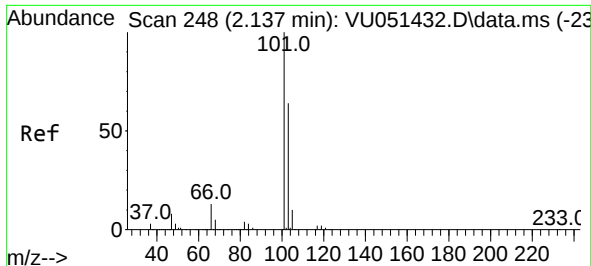
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/21/2022



#6
Chloroethane
Concen: 5.290 ug/l
RT: 1.929 min Scan# 183
Delta R.T. -0.003 min
Lab File: VU051431.D
Acq: 17 Oct 2022 16:07

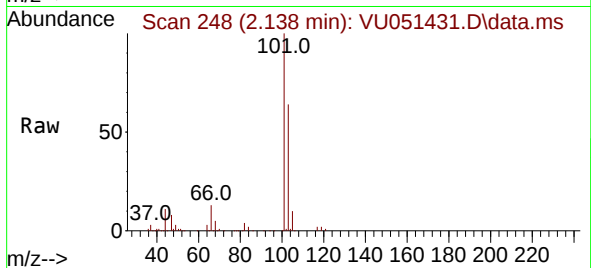
Tgt Ion: 64 Resp: 78915
Ion Ratio Lower Upper
64 100
66 30.9 25.2 37.8





#7
 Trichlorofluoromethane
 Concen: 4.798 ug/l
 RT: 2.138 min Scan# 248
 Delta R.T. 0.000 min
 Lab File: VU051431.D
 Acq: 17 Oct 2022 16:07

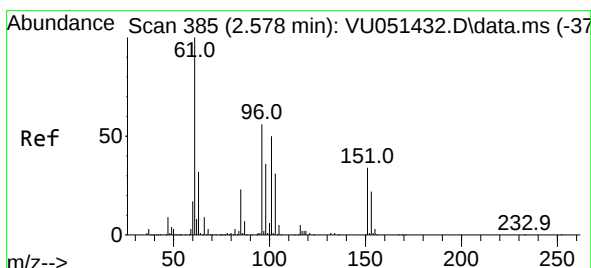
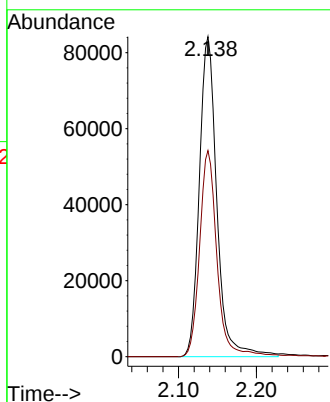
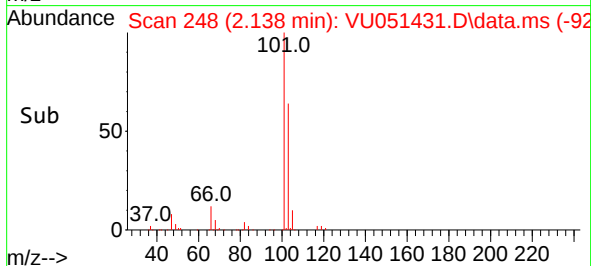
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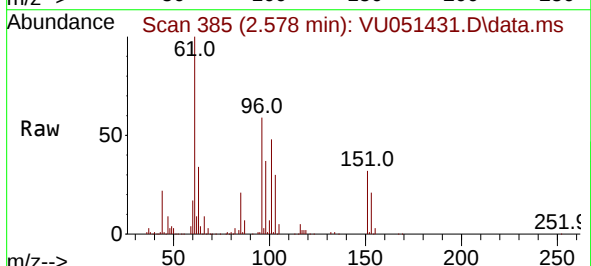
Tgt Ion:101 Resp: 13145
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.4 77.2

Manual Integrations
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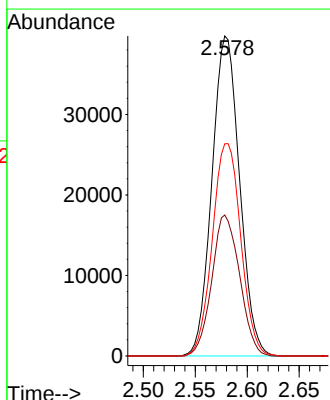
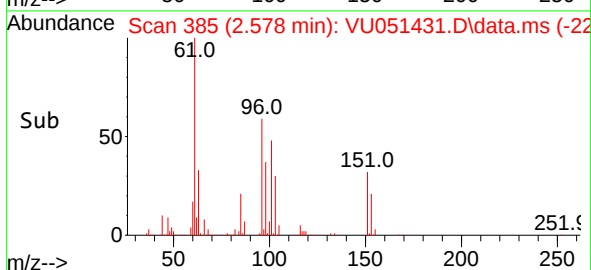
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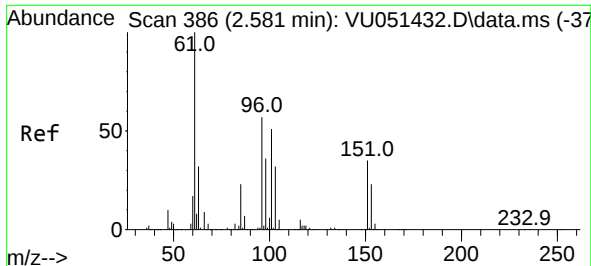


#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.716 ug/l
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU051431.D
 Acq: 17 Oct 2022 16:07



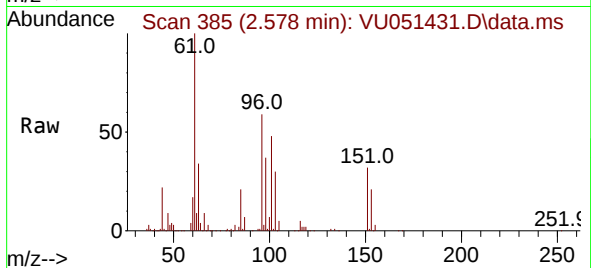
Tgt Ion:101 Resp: 73512
 Ion Ratio Lower Upper
 101 100
 85 44.4 36.6 54.8
 151 68.4 54.6 81.8





#9
1,1-Dichloroethene
Concen: 4.824 ug/l
RT: 2.578 min Scan# 386
Delta R.T. -0.003 min
Lab File: VU051431.D
Acq: 17 Oct 2022 16:07

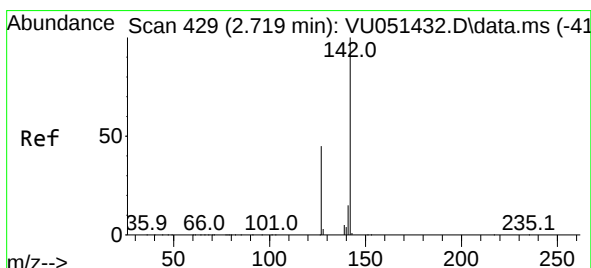
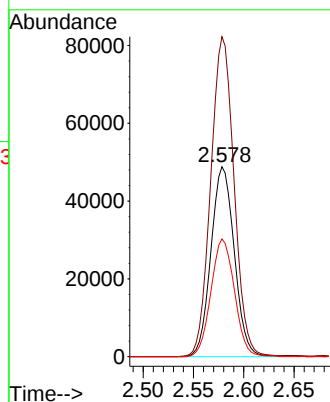
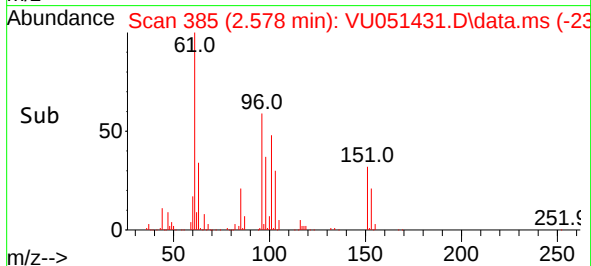
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



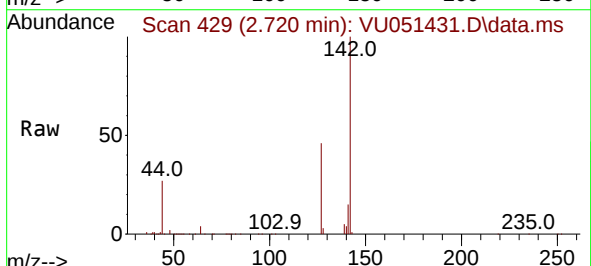
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Ion Ratio Lower Upper
96 100
61 168.3 0.0 522.3
98 62.1 0.0 126.6

Manual Integrations
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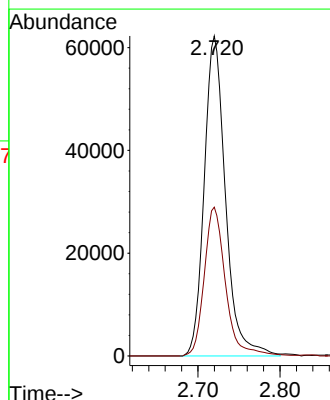
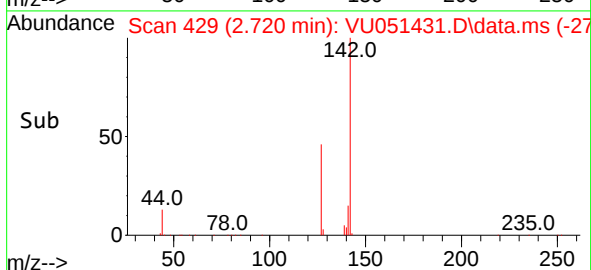
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/21/2022

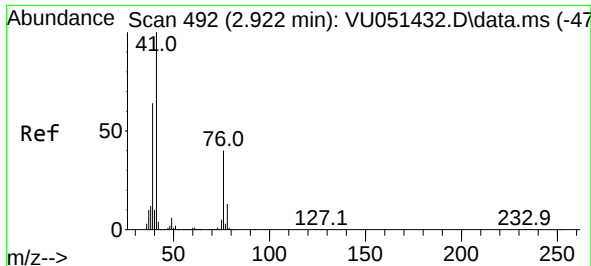


#10
Iodomethane
Concen: 4.831 ug/l
RT: 2.720 min Scan# 429
Delta R.T. 0.000 min
Lab File: VU051431.D
Acq: 17 Oct 2022 16:07



Tgt Ion:142 Resp: 112307
Ion Ratio Lower Upper
142 100
127 46.6 37.0 55.4





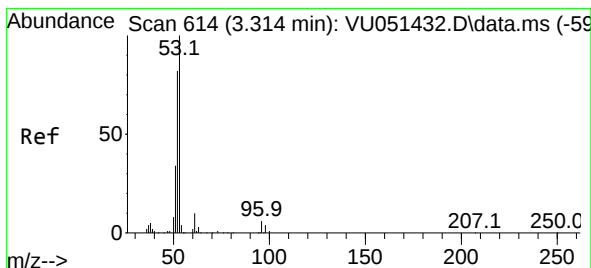
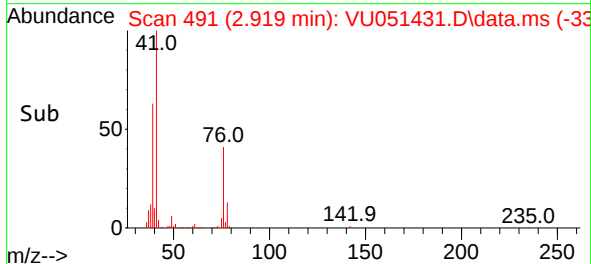
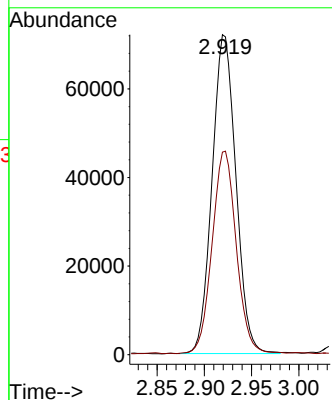
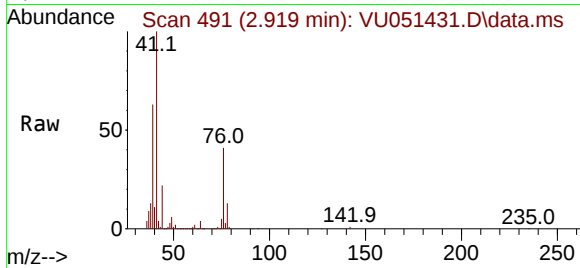
#11
 Allyl Chloride
 Concen: 4.950 ug/l
 RT: 2.919 min Scan# 491
 Delta R.T. -0.003 min
 Lab File: VU051431.D
 Acq: 17 Oct 2022 16:07

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tgt Ion: 41 Resp: 12608
 Ion Ratio Lower Upper
 41 100
 39 64.3 51.4 77.0

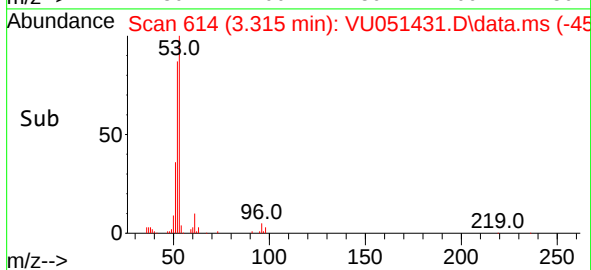
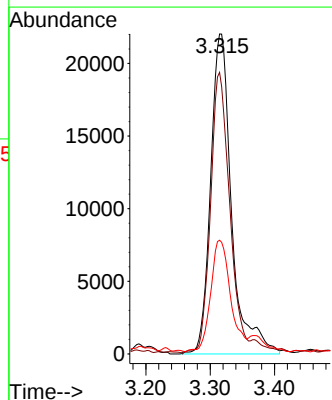
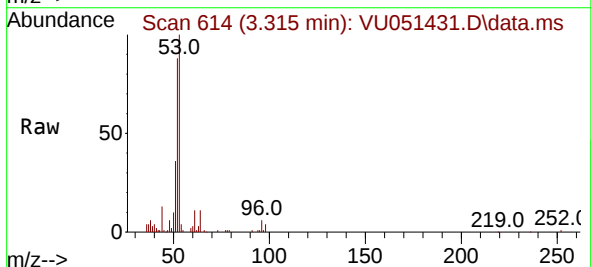
Manual Integrations
 APPROVED

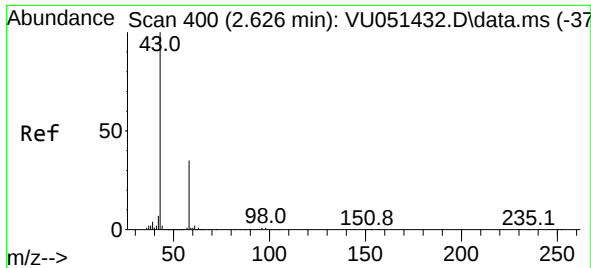
Reviewed By :Krupa Patel 10/18/2022
 Supervised By :Mahesh Dadoda 10/21/2022



#12
 Acrylonitrile
 Concen: 9.744 ug/l m
 RT: 3.315 min Scan# 614
 Delta R.T. 0.000 min
 Lab File: VU051431.D
 Acq: 17 Oct 2022 16:07

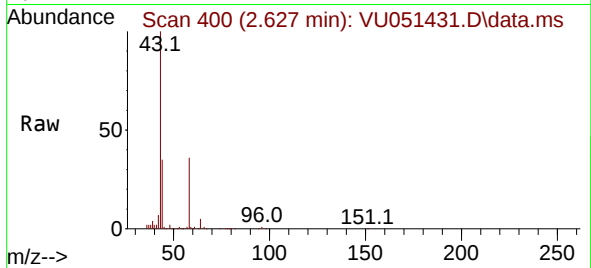
Tgt Ion: 53 Resp: 50150
 Ion Ratio Lower Upper
 53 100
 52 80.2 63.9 95.9
 51 32.7 25.9 38.9





#13
Acetone
Concen: 25.095 ug/l
RT: 2.627 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU051431.D
Acq: 17 Oct 2022 16:07

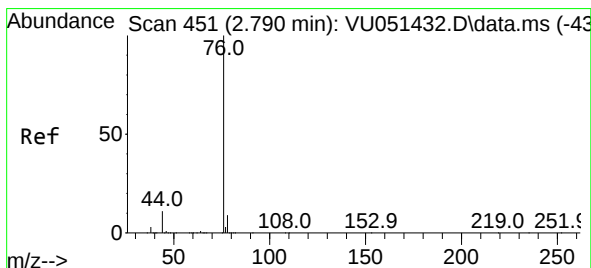
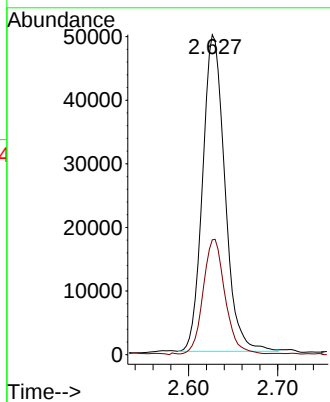
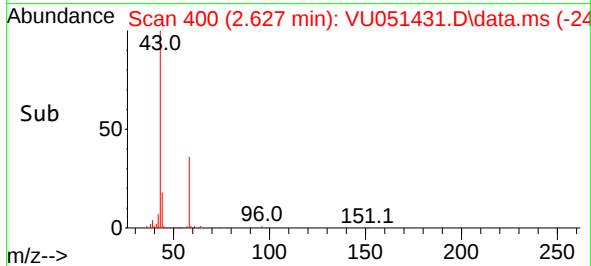
Instrument :
MSVOA_U
Client Sample Id :
VSTDIC005



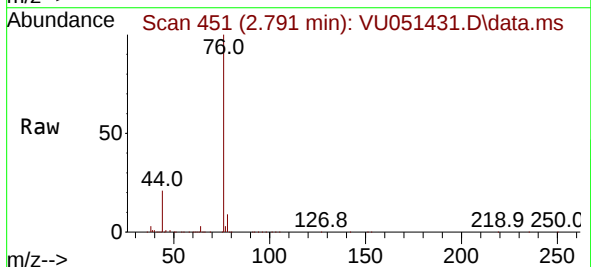
Tgt Ion: 43 Resp: 86349
Ion Ratio Lower Upper
43 100
58 36.0 27.9 41.9

Manual Integrations
APPROVED

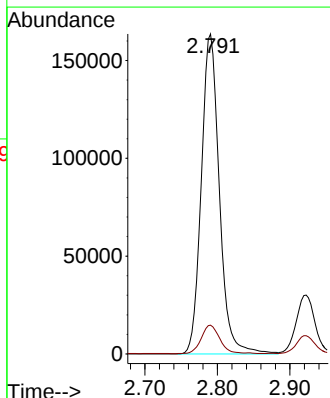
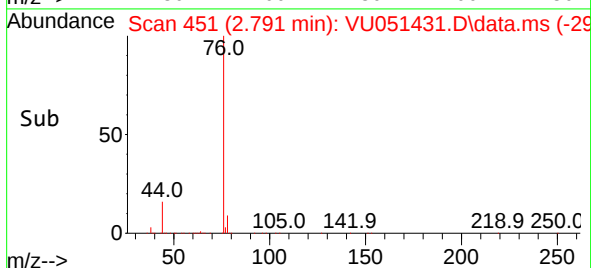
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/21/2022

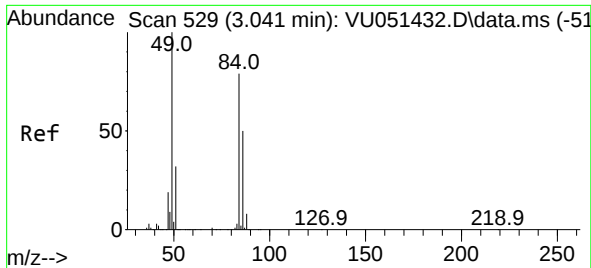


#14
Carbon Disulfide
Concen: 4.584 ug/l
RT: 2.791 min Scan# 451
Delta R.T. 0.000 min
Lab File: VU051431.D
Acq: 17 Oct 2022 16:07



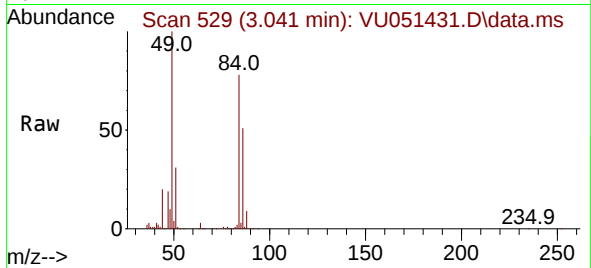
Tgt Ion: 76 Resp: 283231
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8





#15
Methylene Chloride
Concen: 3.835 ug/l
RT: 3.041 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU051431.D
Acq: 17 Oct 2022 16:07

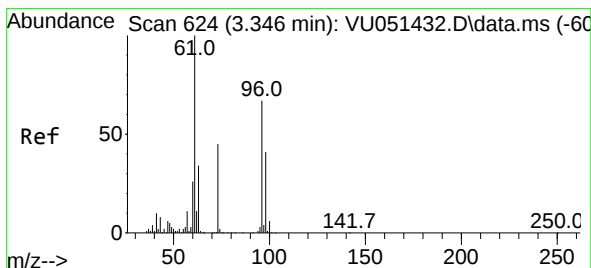
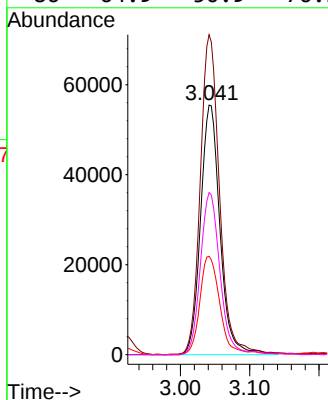
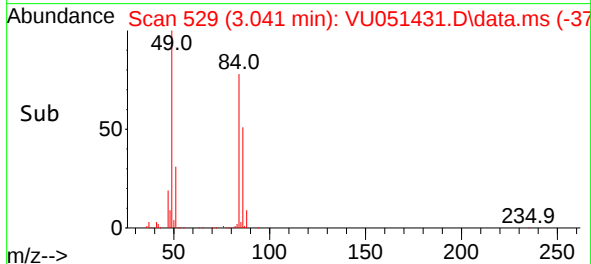
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



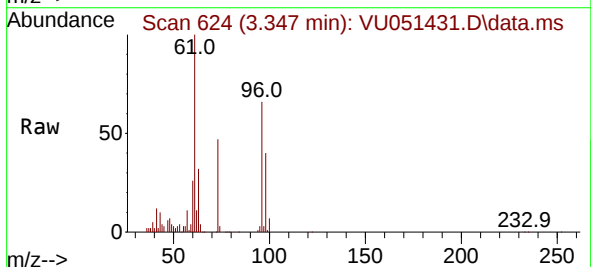
Tgt Ion: 84 Resp: 10803
Ion Ratio Lower Upper
84 100
49 127.9 101.1 151.7
51 39.4 0.0 80.2
86 64.9 50.9 76.3

Manual Integrations
APPROVED

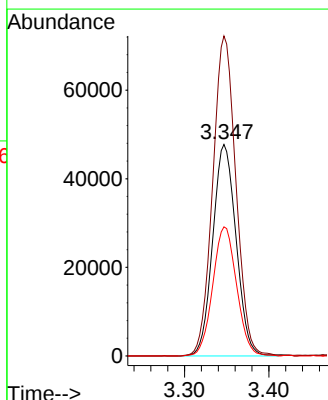
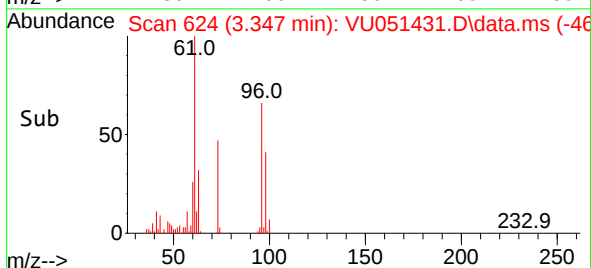
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/21/2022

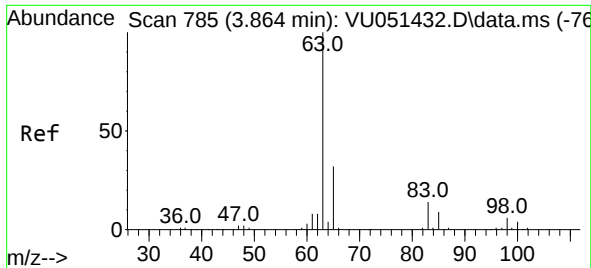


#16
trans-1,2-Dichloroethene
Concen: 4.947 ug/l
RT: 3.347 min Scan# 624
Delta R.T. 0.000 min
Lab File: VU051431.D
Acq: 17 Oct 2022 16:07



Tgt Ion: 96 Resp: 91793
Ion Ratio Lower Upper
96 100
61 151.2 119.9 179.9
98 61.1 49.5 74.3





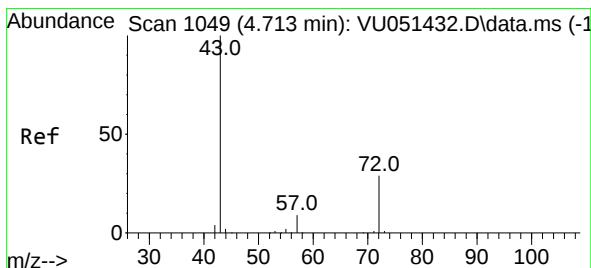
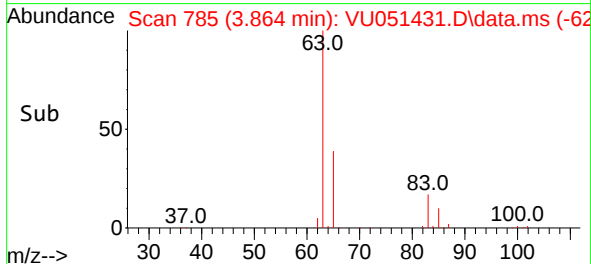
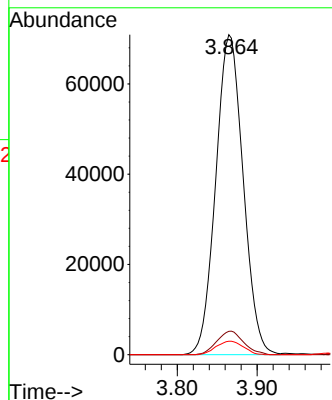
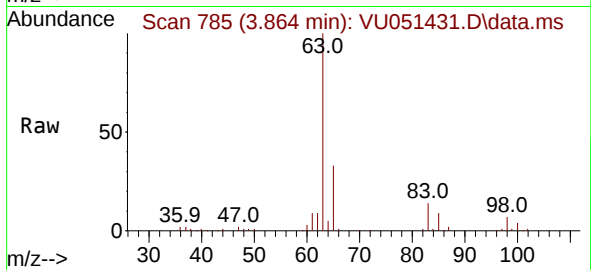
#17
1,1-Dichloroethane
Concen: 5.190 ug/l
RT: 3.864 min Scan# 785
Delta R.T. 0.000 min
Lab File: VU051431.D
Acq: 17 Oct 2022 16:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 63 Resp: 16860
Ion Ratio Lower Upper
63 100
98 7.3 3.1 9.3
100 4.2 2.1 6.3

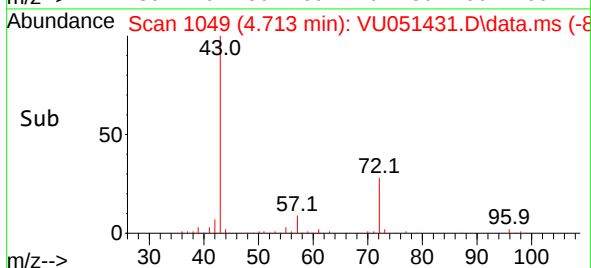
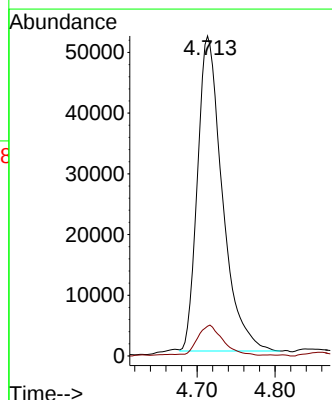
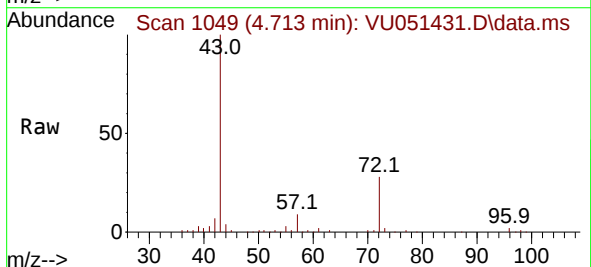
Manual Integrations
APPROVED

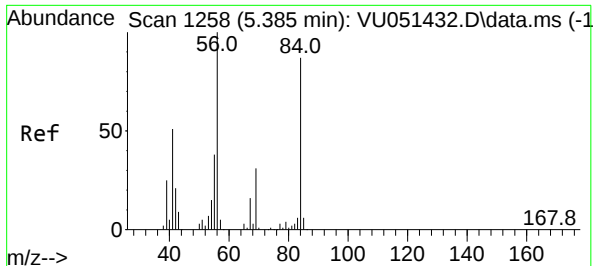
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/21/2022



#18
2-Butanone
Concen: 25.605 ug/l
RT: 4.713 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VU051431.D
Acq: 17 Oct 2022 16:07

Tgt Ion: 43 Resp: 115061
Ion Ratio Lower Upper
43 100
57 9.1 0.0 18.2





#19

Cyclohexane

Concen: 4.676 ug/l m

RT: 5.385 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VU051431.D

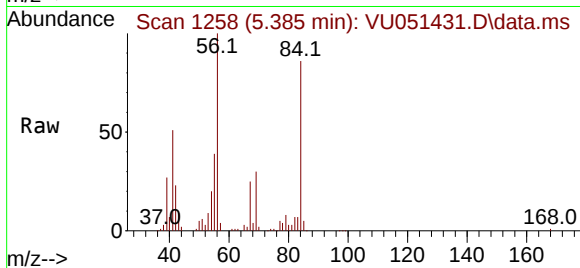
Acq: 17 Oct 2022 16:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005



Tgt Ion: 56 Resp: 101229

Ion Ratio Lower Upper

56 100

69 31.8 25.0 37.4

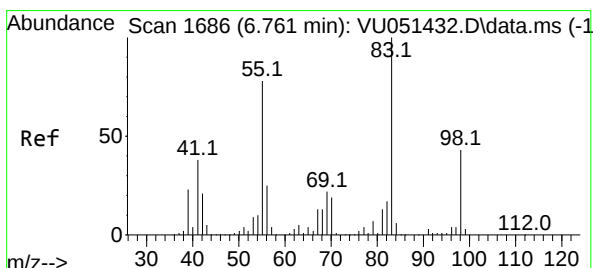
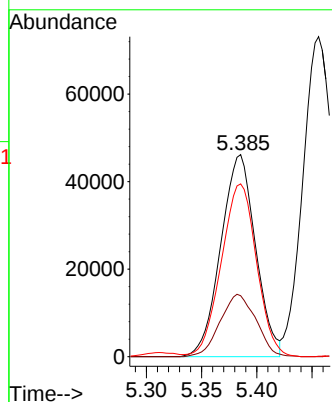
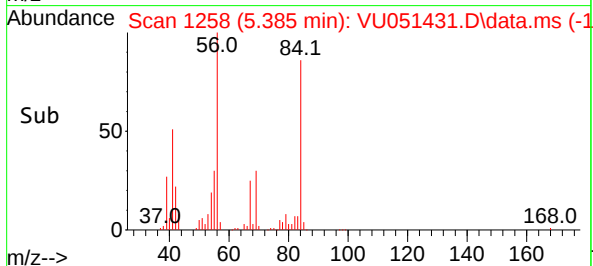
84 85.2 68.5 102.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/18/2022

Supervised By :Mahesh Dadoda 10/21/2022



#20

Methylcyclohexane

Concen: 4.526 ug/l

RT: 6.761 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VU051431.D

Acq: 17 Oct 2022 16:07

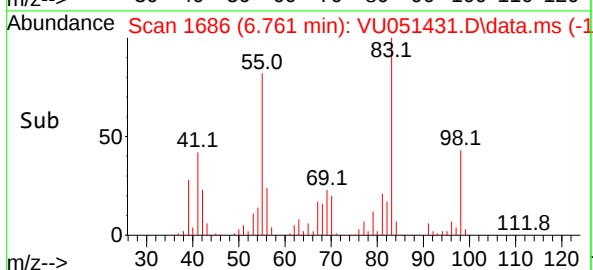
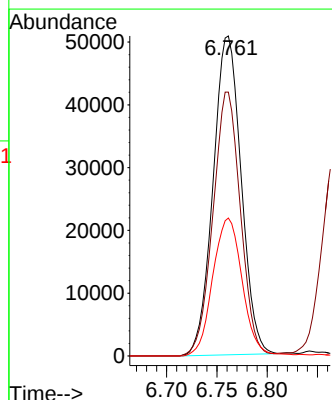
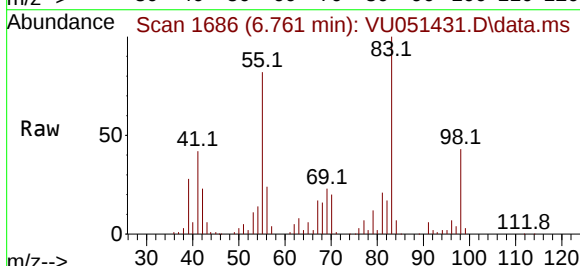
Tgt Ion: 83 Resp: 98620

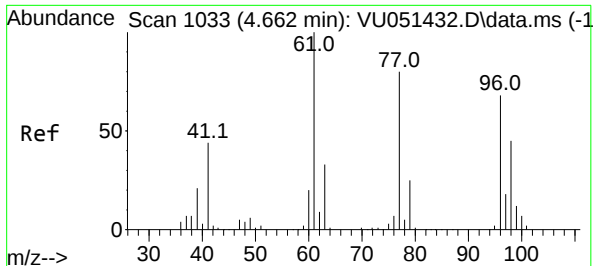
Ion Ratio Lower Upper

83 100

55 80.0 62.4 93.6

98 44.8 35.5 53.3





#21

2,2-Dichloropropane

Concen: 5.225 ug/l

RT: 4.665 min Scan# 1033

Delta R.T. 0.004 min

Lab File: VU051431.D

Acq: 17 Oct 2022 16:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion: 77 Resp: 11566

Ion Ratio Lower Upper

77 100

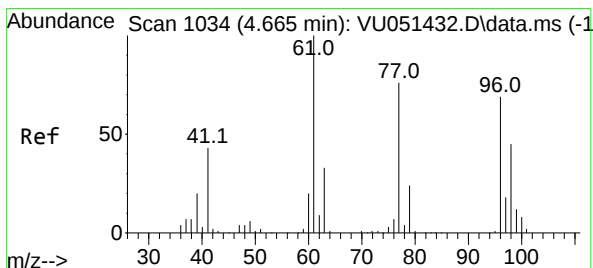
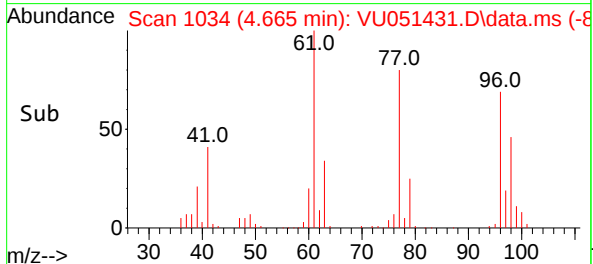
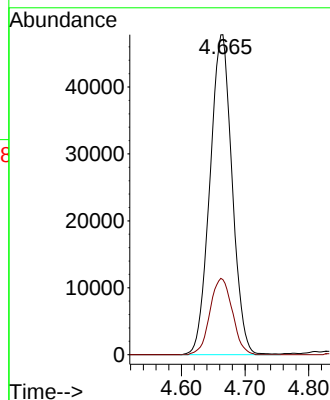
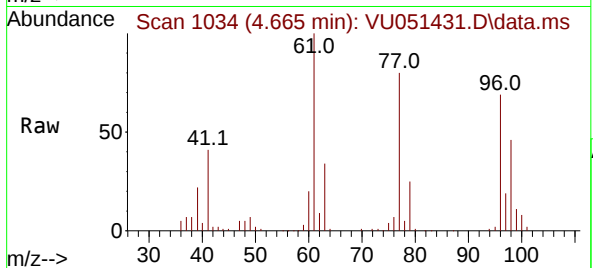
97 24.0 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/18/2022

Supervised By :Mahesh Dadoda 10/21/2022



#22

cis-1,2-Dichloroethene

Concen: 5.211 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU051431.D

Acq: 17 Oct 2022 16:07

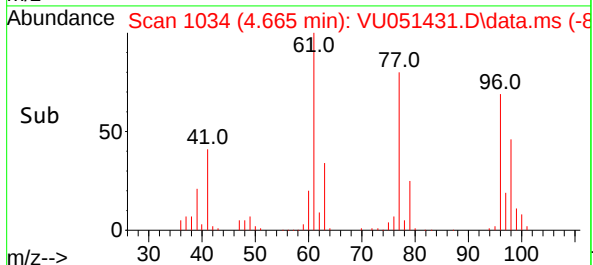
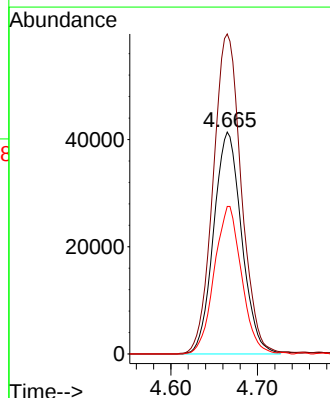
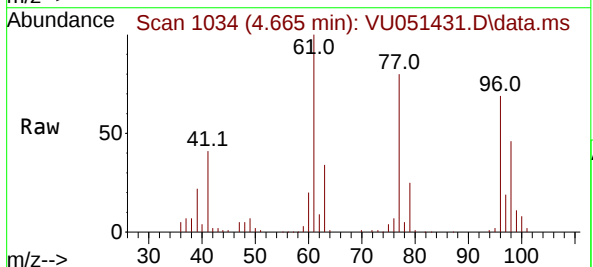
Tgt Ion: 96 Resp: 92918

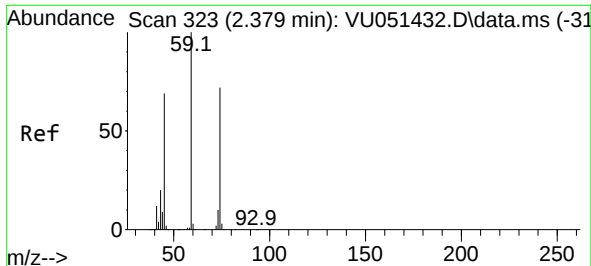
Ion Ratio Lower Upper

96 100

61 145.2 0.0 362.8

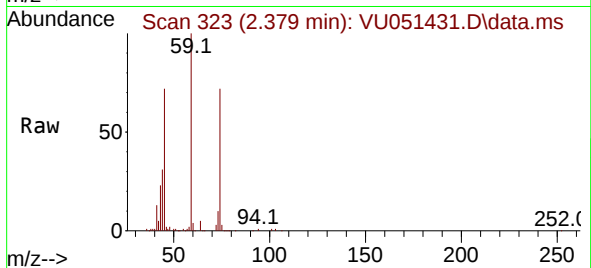
98 64.7 32.5 97.5





#23
Diethyl Ether
Concen: 5.062 ug/l
RT: 2.379 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU051431.D
Acq: 17 Oct 2022 16:07

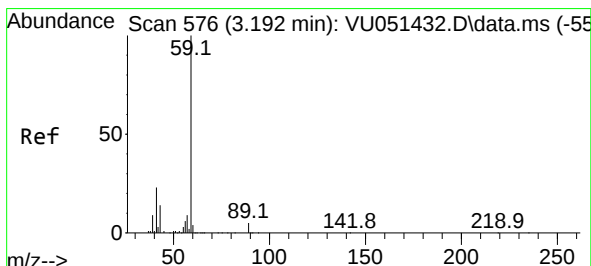
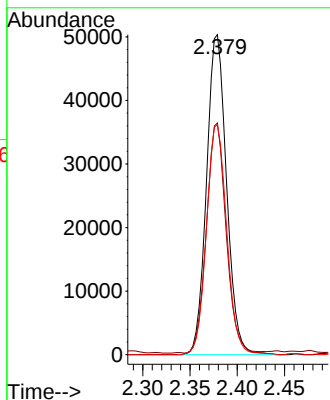
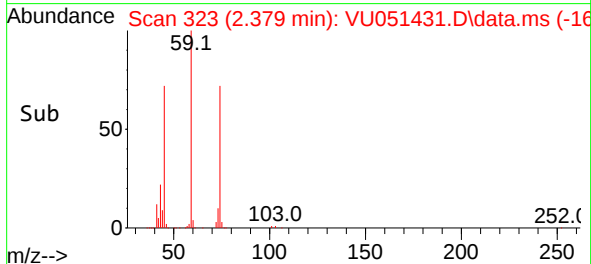
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



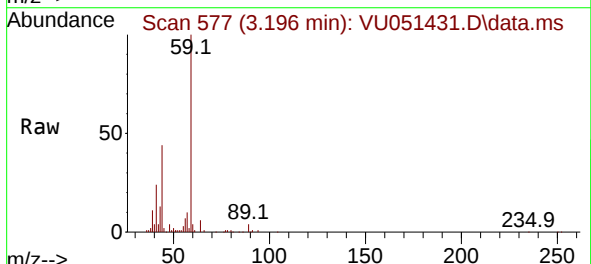
Tgt Ion: 59 Resp: 7411
Ion Ratio Lower Upper
59 100
45 70.6 55.7 83.5
74 73.0 58.2 87.4

Manual Integrations
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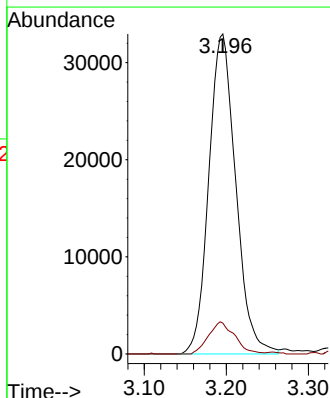
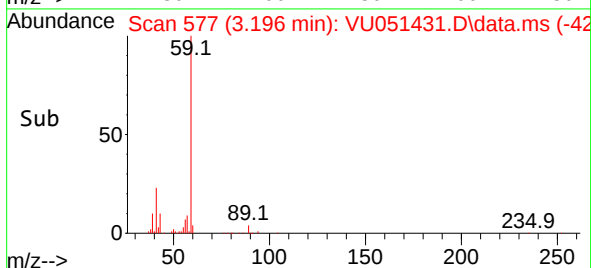
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/21/2022

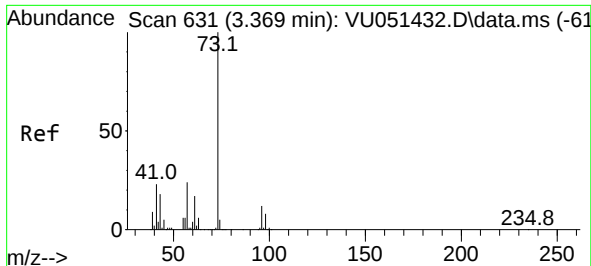


#24
tert-Butyl Alcohol
Concen: 88.978 ug/l
RT: 3.196 min Scan# 577
Delta R.T. 0.004 min
Lab File: VU051431.D
Acq: 17 Oct 2022 16:07



Tgt Ion: 59 Resp: 75289
Ion Ratio Lower Upper
59 100
57 9.8 7.8 11.8





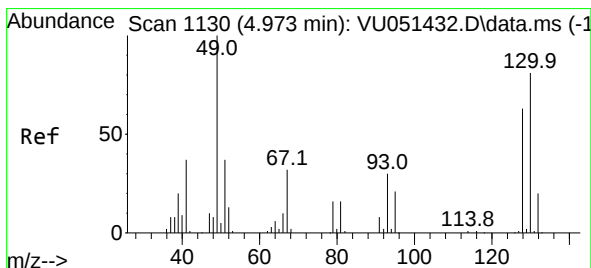
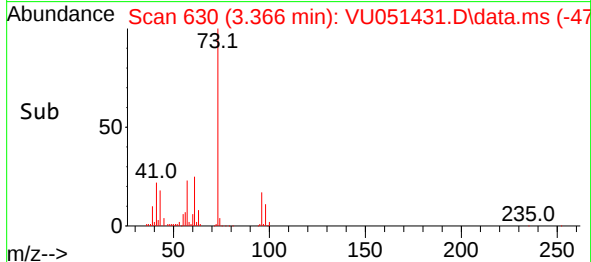
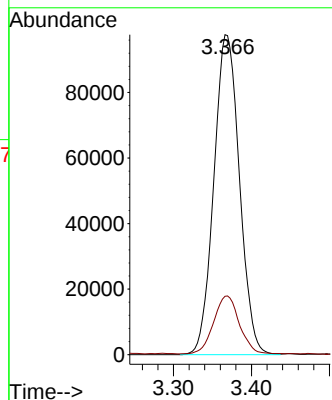
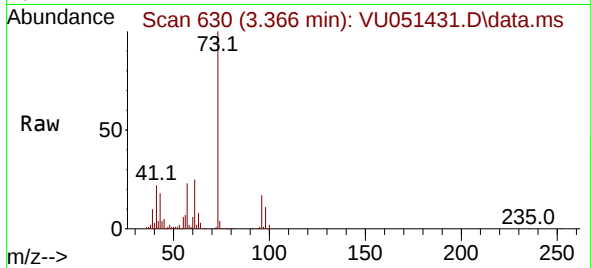
#25
Methyl tert-Butyl Ether
Concen: 5.094 ug/l
RT: 3.366 min Scan# 611
Delta R.T. -0.003 min
Lab File: VU051431.D
Acq: 17 Oct 2022 16:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 22295
Ion Ratio Lower Upper
73 100
43 18.0 14.2 21.4

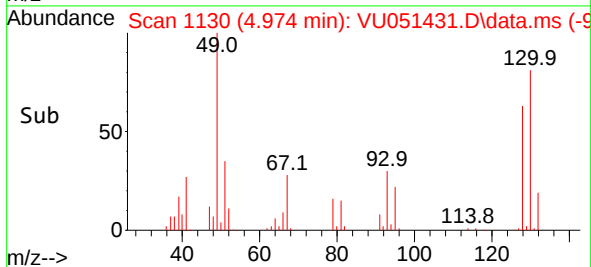
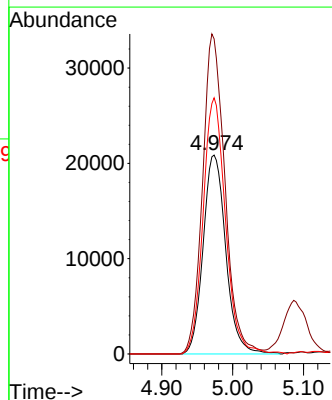
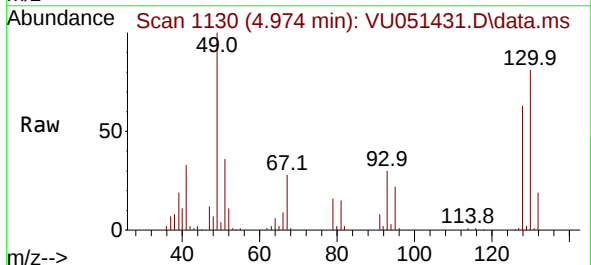
Manual Integrations
APPROVED

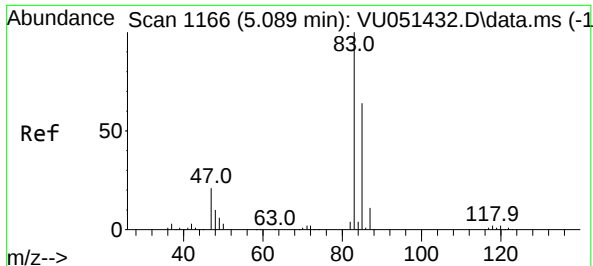
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/21/2022



#26
Bromochloromethane
Concen: 5.399 ug/l
RT: 4.974 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VU051431.D
Acq: 17 Oct 2022 16:07

Tgt Ion:128 Resp: 46316
Ion Ratio Lower Upper
128 100
49 158.7 0.0 320.4
130 127.3 105.0 157.6





#27

Chloroform

Concen: 5.240 ug/l

RT: 5.086 min Scan# 1166

Delta R.T. -0.003 min

Lab File: VU051431.D

Acq: 17 Oct 2022 16:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion: 83 Resp: 173000

Ion Ratio Lower Upper

83 100

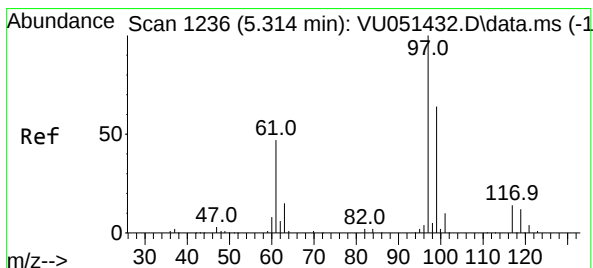
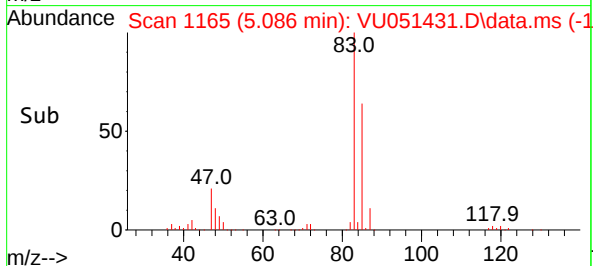
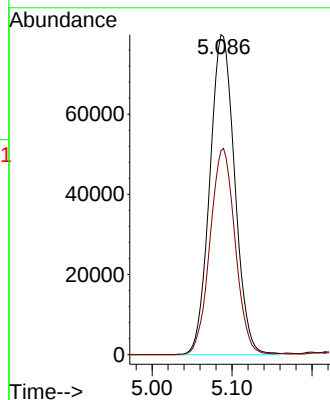
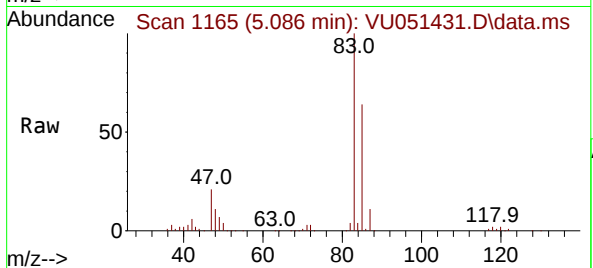
85 63.6 0.0 128.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/18/2022

Supervised By :Mahesh Dadoda 10/21/2022



#28

1,1,1-Trichloroethane

Concen: 5.016 ug/l

RT: 5.311 min Scan# 1235

Delta R.T. -0.003 min

Lab File: VU051431.D

Acq: 17 Oct 2022 16:07

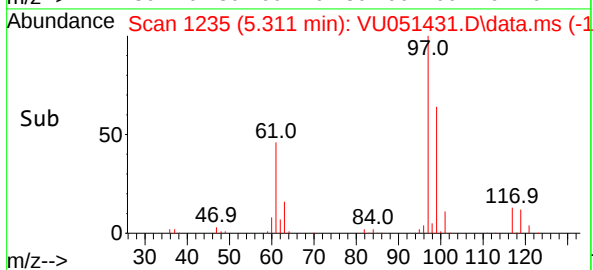
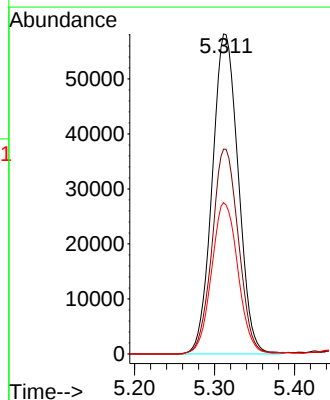
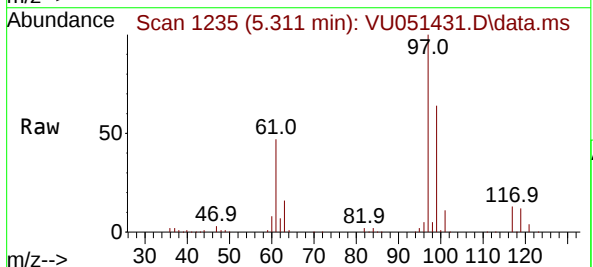
Tgt Ion: 97 Resp: 131267

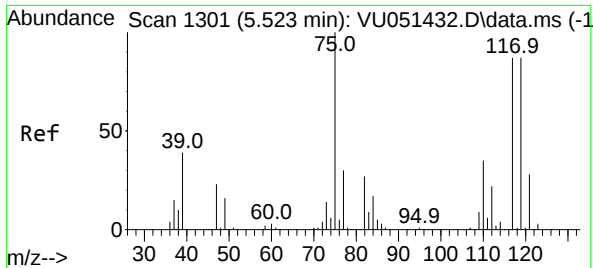
Ion Ratio Lower Upper

97 100

99 65.1 31.8 95.4

61 48.0 23.6 71.0





#29

1,1-Dichloropropene

Concen: 5.177 ug/l

RT: 5.524 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU051431.D

Acq: 17 Oct 2022 16:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion: 75 Resp: 107749

Ion Ratio Lower Upper

75 100

110 34.7 17.8 53.3

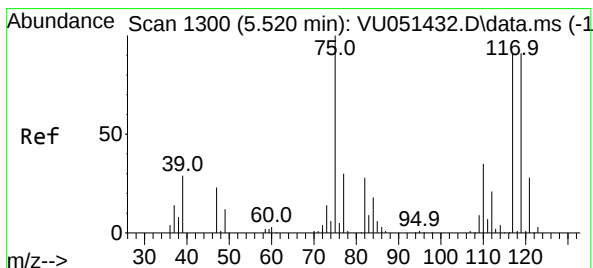
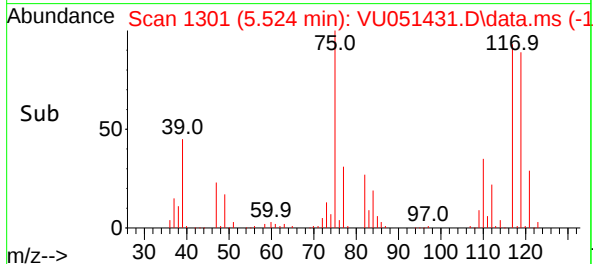
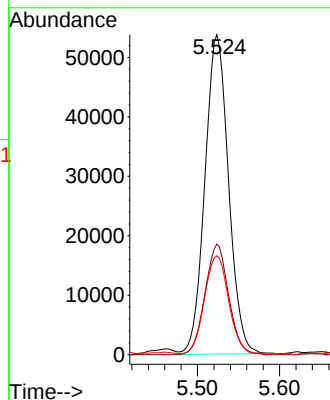
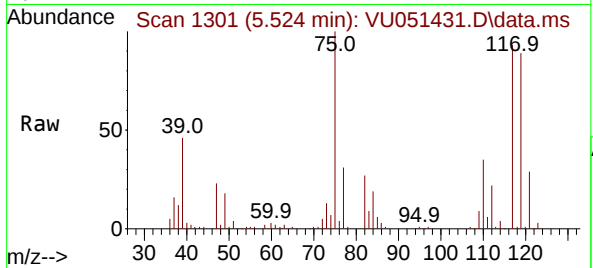
77 31.4 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/18/2022

Supervised By :Mahesh Dadoda 10/21/2022



#30

Carbon Tetrachloride

Concen: 4.974 ug/l

RT: 5.520 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VU051431.D

Acq: 17 Oct 2022 16:07

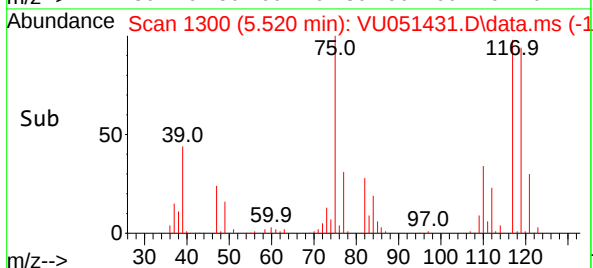
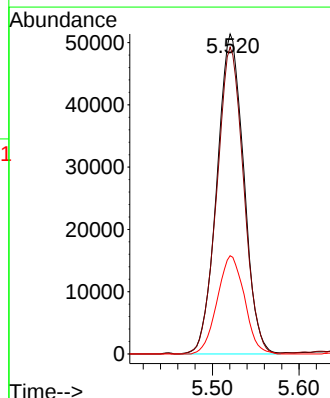
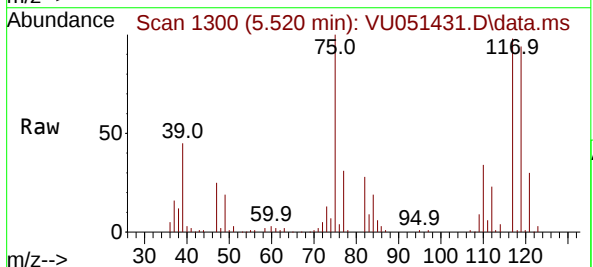
Tgt Ion:117 Resp: 110571

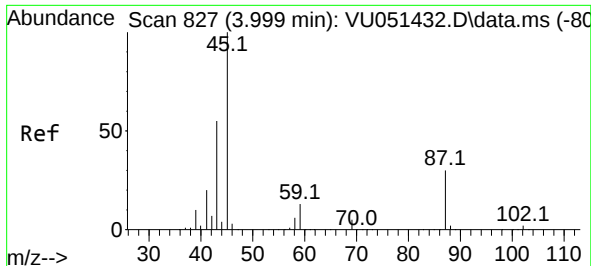
Ion Ratio Lower Upper

117 100

119 95.8 80.0 120.0

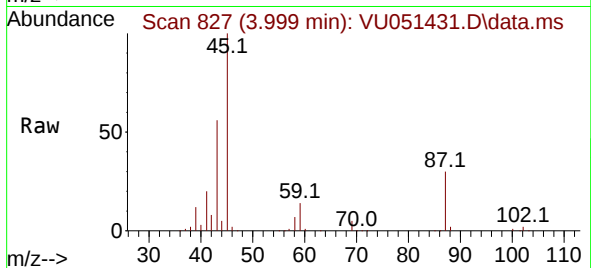
121 30.7 24.9 37.3





#31
Isopropyl Ether
Concen: 4.850 ug/l
RT: 3.999 min Scan# 81
Delta R.T. 0.000 min
Lab File: VU051431.D
Acq: 17 Oct 2022 16:07

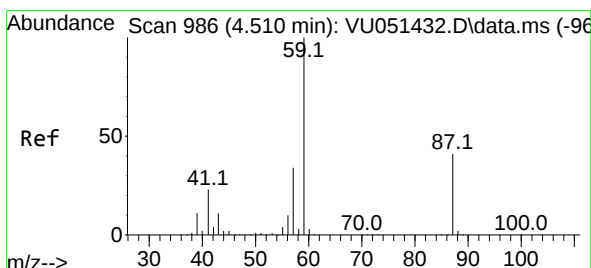
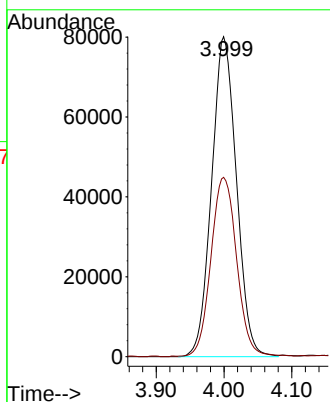
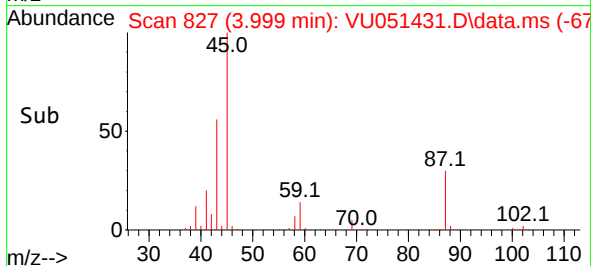
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



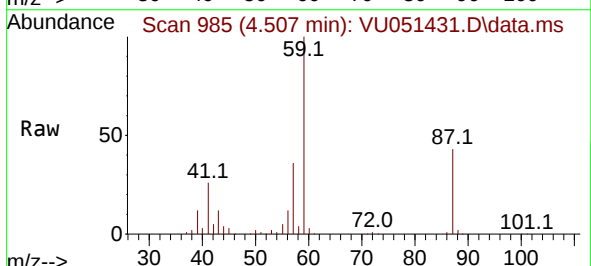
Tgt Ion: 45 Resp: 20377
Ion Ratio Lower Upper
45 100
43 57.8 27.6 82.7

Manual Integrations
APPROVED

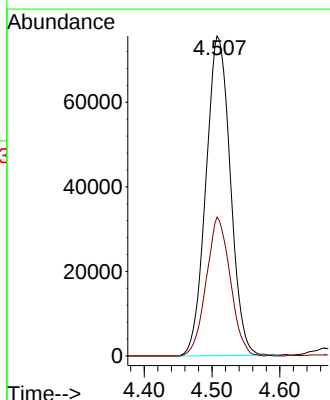
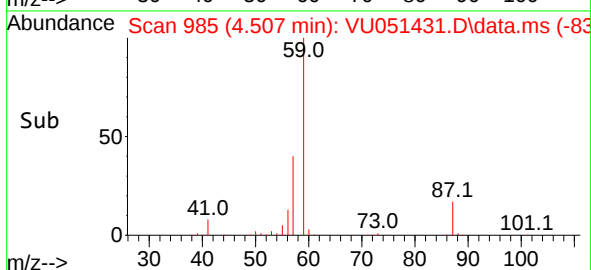
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/21/2022

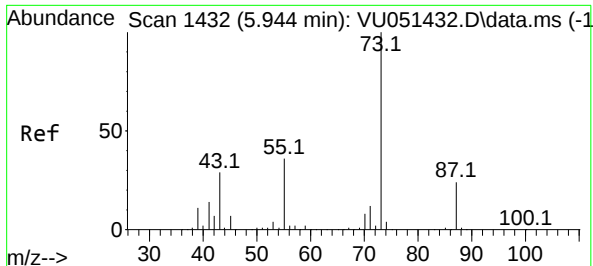


#32
Ethyl-t-butyl ether
Concen: 5.064 ug/l
RT: 4.507 min Scan# 985
Delta R.T. -0.003 min
Lab File: VU051431.D
Acq: 17 Oct 2022 16:07



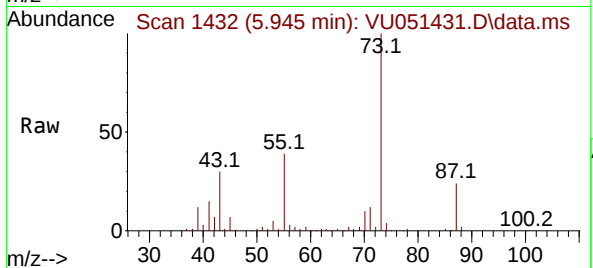
Tgt Ion: 59 Resp: 189016
Ion Ratio Lower Upper
59 100
87 42.9 33.8 50.8





#33
Tert-Amyl methyl ether
Concen: 5.234 ug/l
RT: 5.945 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VU051431.D
Acq: 17 Oct 2022 16:07

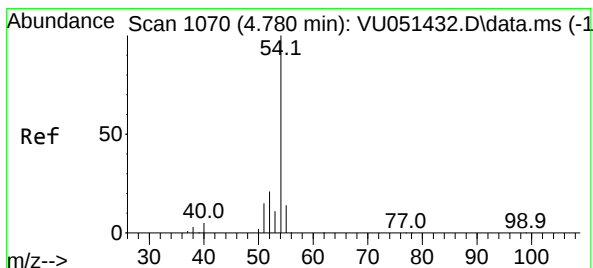
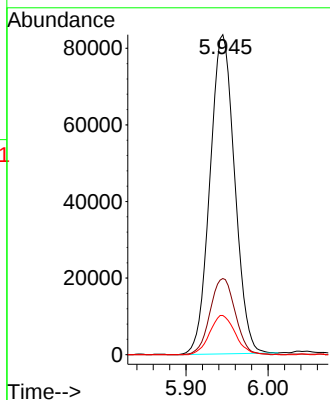
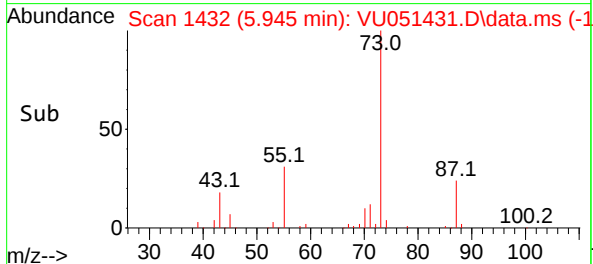
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



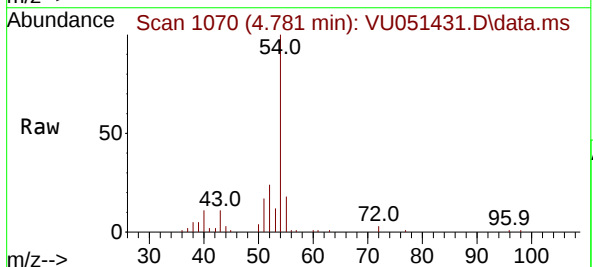
Tgt Ion: 73 Resp: 17460
Ion Ratio Lower Upper
73 100
87 24.3 18.9 28.3
71 12.8 9.4 14.2

Manual Integrations
APPROVED

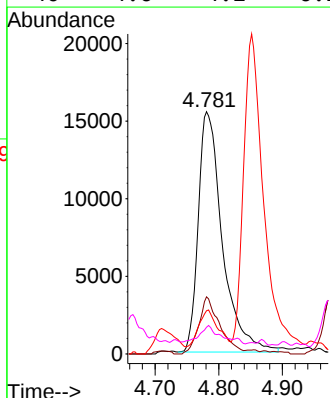
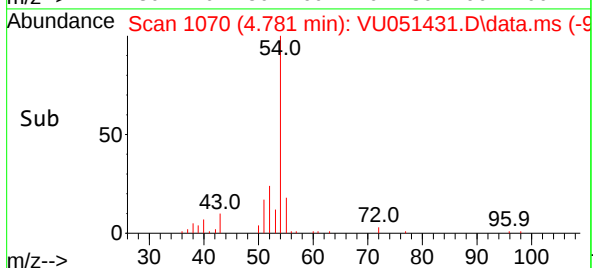
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/21/2022

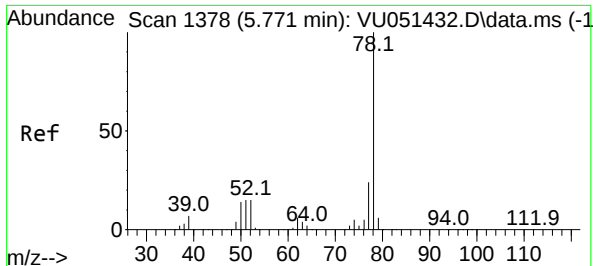


#34
Propionitrile
Concen: 28.886 ug/l
RT: 4.781 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VU051431.D
Acq: 17 Oct 2022 16:07



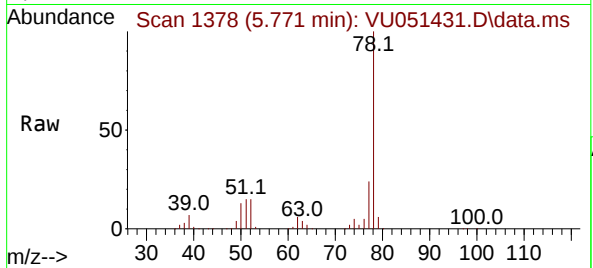
Tgt Ion: 54 Resp: 40690
Ion Ratio Lower Upper
54 100
52 20.8 16.4 24.6
55 16.2 11.5 17.3
40 4.6 4.2 6.2





#35
Benzene
Concen: 5.334 ug/l
RT: 5.771 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VU051431.D
Acq: 17 Oct 2022 16:07

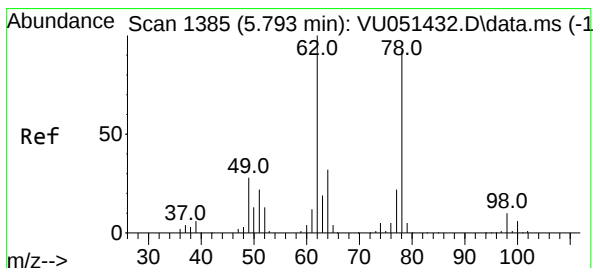
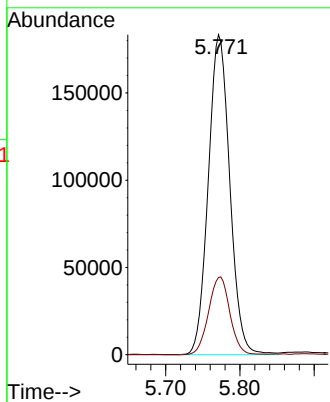
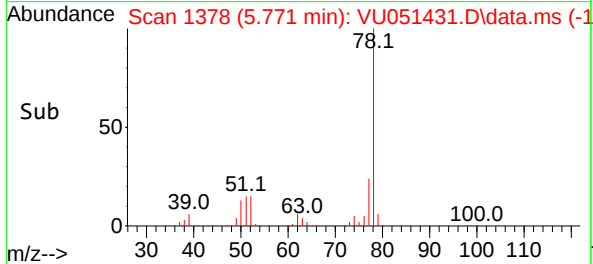
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



Tgt Ion: 78 Resp: 368718
Ion Ratio Lower Upper
78 100
77 24.1 19.0 28.6

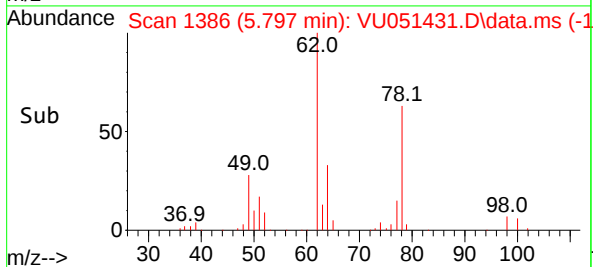
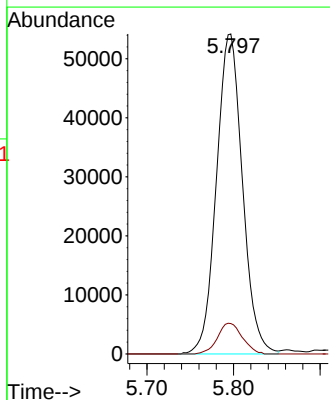
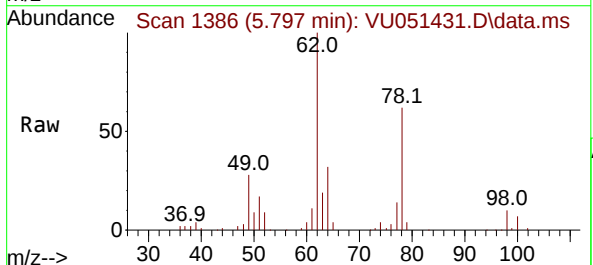
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/21/2022



#36
1,2-Dichloroethane
Concen: 5.215 ug/l
RT: 5.797 min Scan# 1386
Delta R.T. 0.004 min
Lab File: VU051431.D
Acq: 17 Oct 2022 16:07

Tgt Ion: 62 Resp: 113060
Ion Ratio Lower Upper
62 100
98 9.2 7.4 11.2





#37

Trichloroethene

Concen: 5.024 ug/l

RT: 6.540 min Scan# 1618

Delta R.T. -0.003 min

Lab File: VU051431.D

Acq: 17 Oct 2022 16:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion:130 Resp: 84130

Ion Ratio Lower Upper

130 100

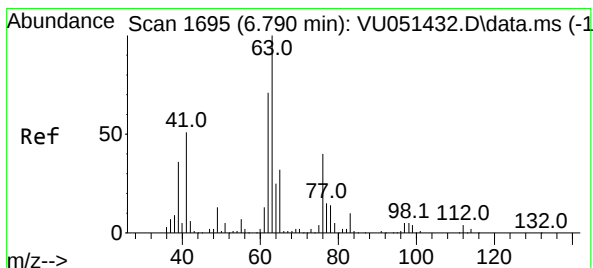
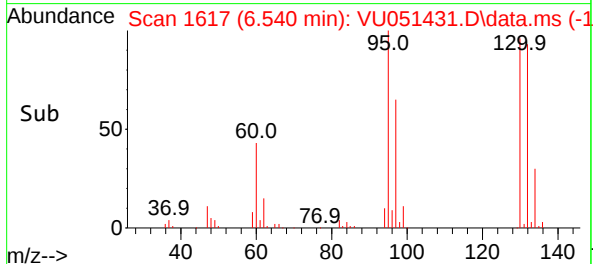
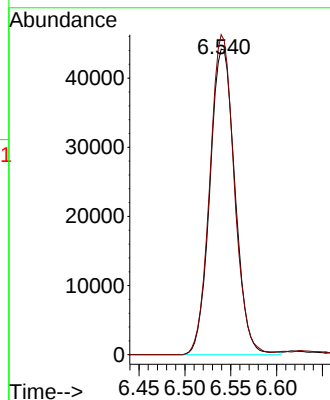
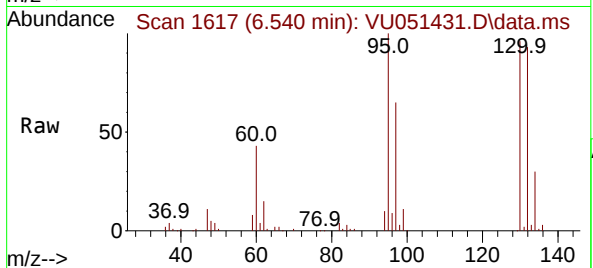
95 104.7 80.2 120.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/18/2022

Supervised By :Mahesh Dadoda 10/21/2022



#38

1,2-Dichloropropane

Concen: 5.291 ug/l

RT: 6.790 min Scan# 1695

Delta R.T. 0.000 min

Lab File: VU051431.D

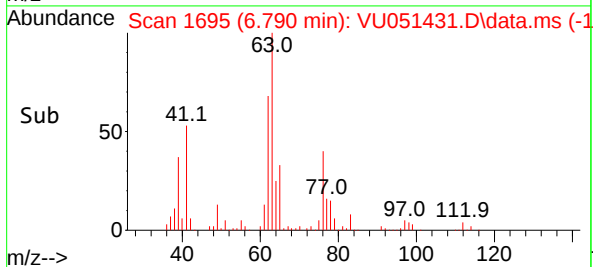
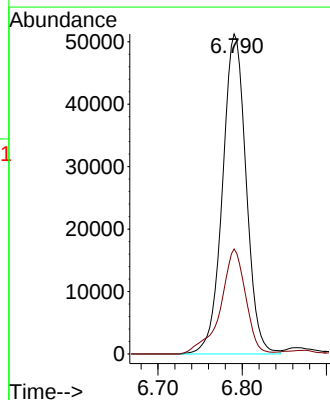
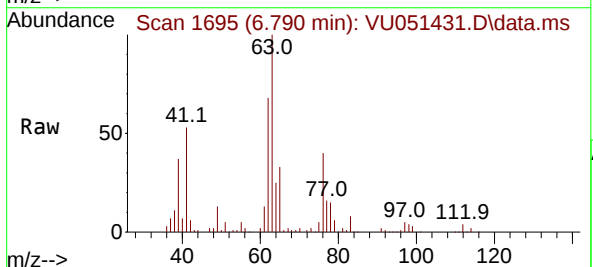
Acq: 17 Oct 2022 16:07

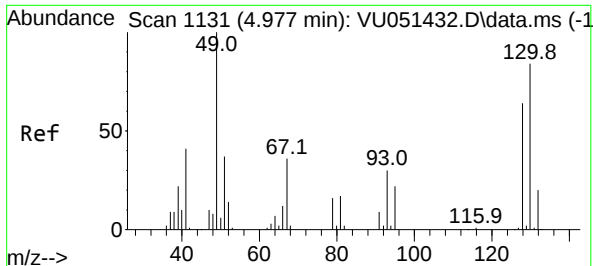
Tgt Ion: 63 Resp: 99637

Ion Ratio Lower Upper

63 100

65 32.8 25.4 38.2





#39

Methacrylonitrile

Concen: 5.310 ug/l

RT: 4.980 min Scan# 1131

Delta R.T. 0.004 min

Lab File: VU051431.D

Acq: 17 Oct 2022 16:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

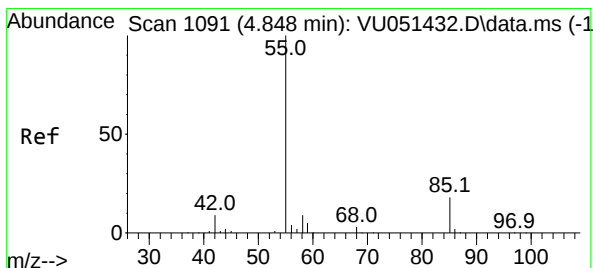
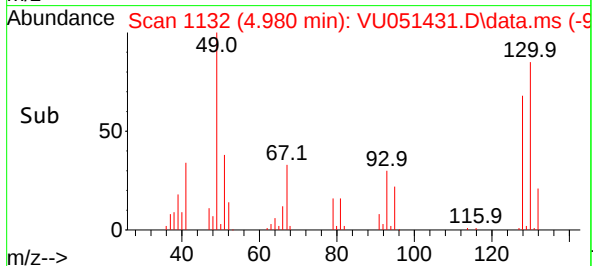
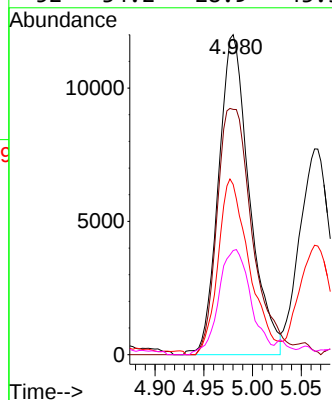
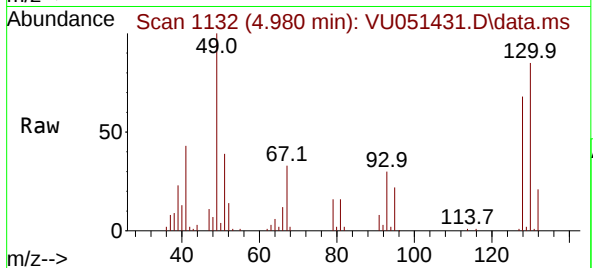
Tgt Ion: 41	Resp: 26434
Ion Ratio	Lower Upper
41 100	
67 87.7	69.6 104.4
39 55.8	42.2 63.4
52 34.2	28.9 43.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/18/2022

Supervised By :Mahesh Dadoda 10/21/2022



#40

Methyl acrylate

Concen: 5.334 ug/l

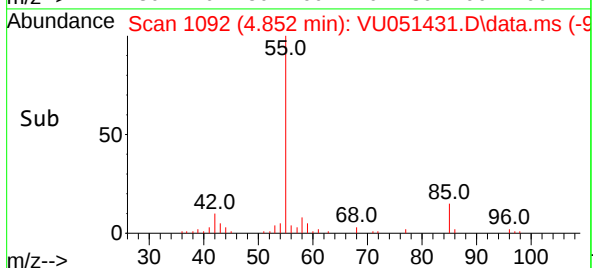
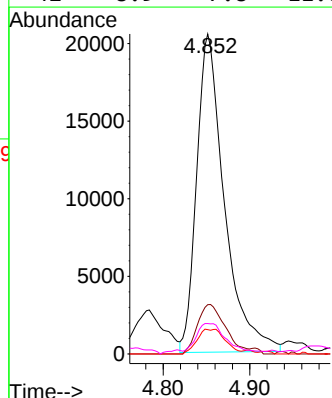
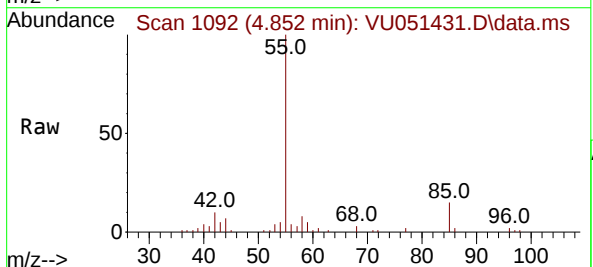
RT: 4.852 min Scan# 1092

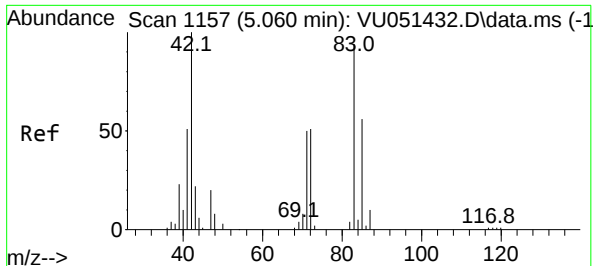
Delta R.T. 0.004 min

Lab File: VU051431.D

Acq: 17 Oct 2022 16:07

Tgt Ion: 55	Resp: 45634
Ion Ratio	Lower Upper
55 100	
85 15.7	15.0 22.6
58 4.0	7.5 11.3#
42 8.9	7.8 11.6





#41

Tetrahydrofuran

Concen: 10.382 ug/l

RT: 5.064 min Scan# 1157

Delta R.T. 0.004 min

Lab File: VU051431.D

Acq: 17 Oct 2022 16:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion: 42 Resp: 27270

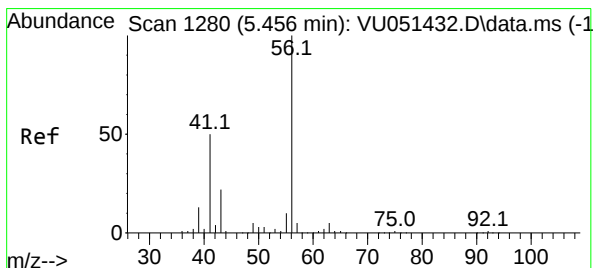
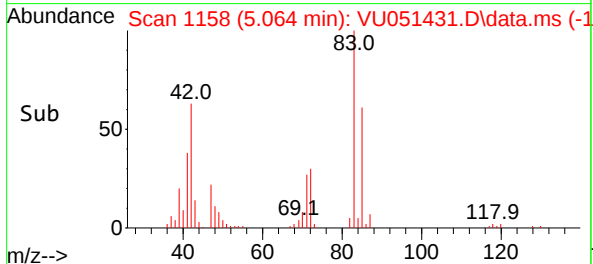
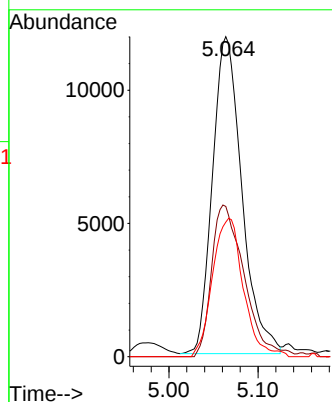
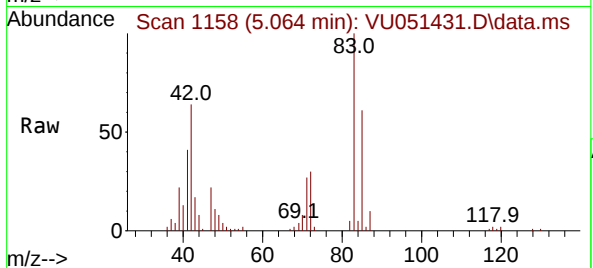
Ion	Ratio	Lower	Upper
42	100		
72	52.8	42.6	64.0
71	45.7	38.3	57.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/18/2022

Supervised By :Mahesh Dadoda 10/21/2022



#42

1-Chlorobutane

Concen: 5.067 ug/l

RT: 5.456 min Scan# 1280

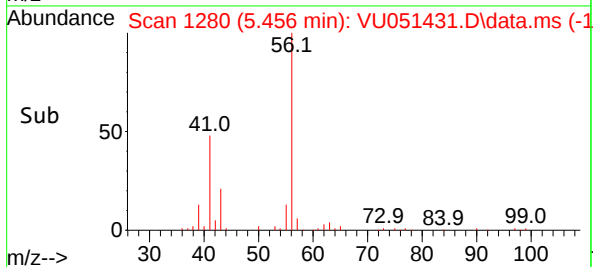
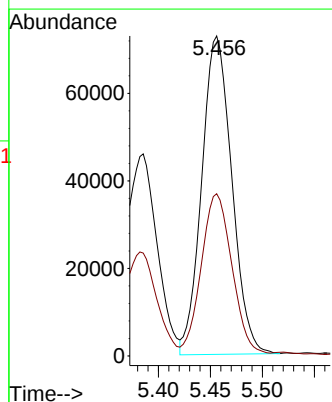
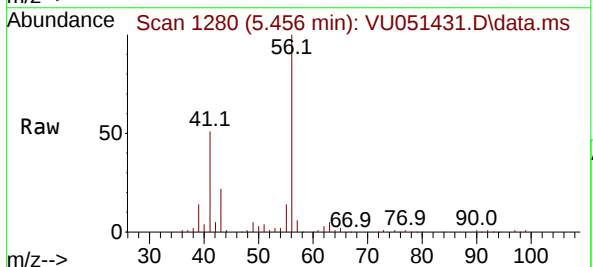
Delta R.T. 0.000 min

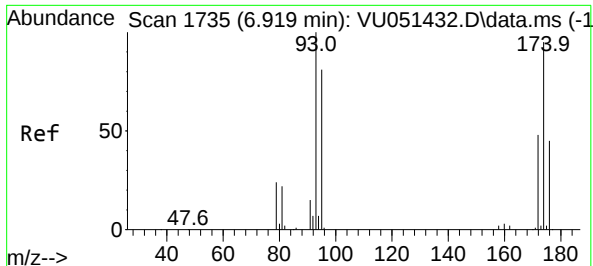
Lab File: VU051431.D

Acq: 17 Oct 2022 16:07

Tgt Ion: 56 Resp: 146510

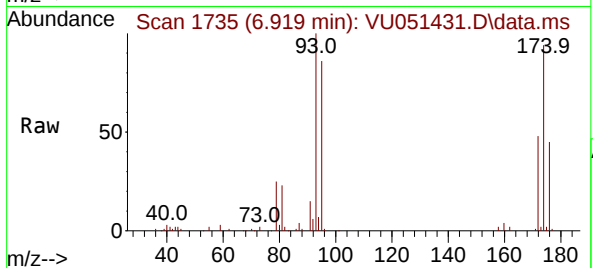
Ion	Ratio	Lower	Upper
56	100		
41	50.7	24.8	74.4





#43
Dibromomethane
Concen: 5.262 ug/l
RT: 6.919 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VU051431.D
Acq: 17 Oct 2022 16:07

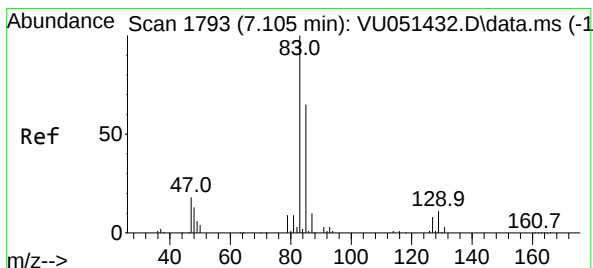
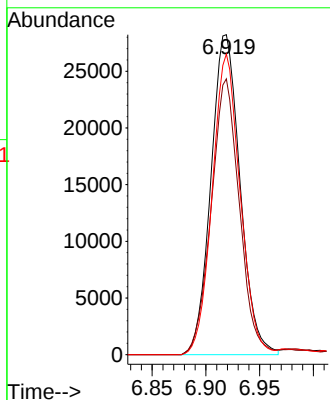
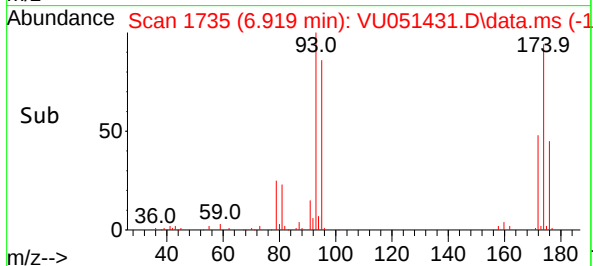
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



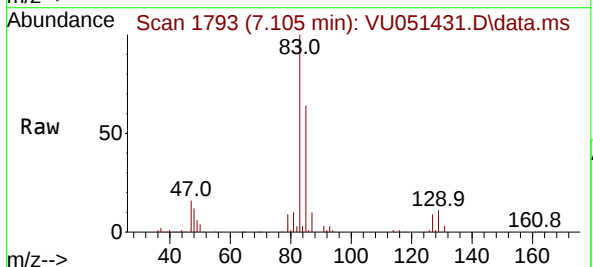
Tgt Ion: 93 Resp: 53230
Ion Ratio Lower Upper
93 100
95 83.2 66.7 100.1
174 89.9 75.5 113.3

Manual Integrations
APPROVED

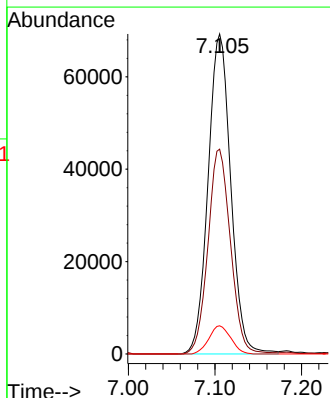
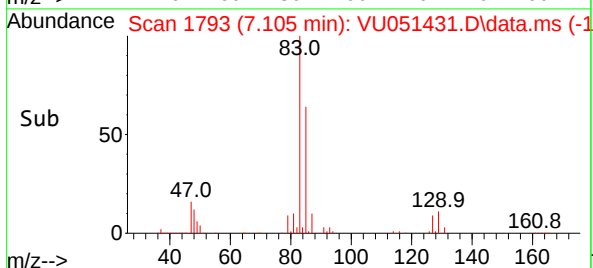
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/21/2022

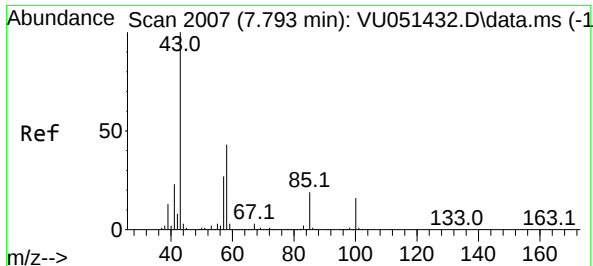


#44
Bromodichloromethane
Concen: 5.327 ug/l
RT: 7.105 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VU051431.D
Acq: 17 Oct 2022 16:07



Tgt Ion: 83 Resp: 126193
Ion Ratio Lower Upper
83 100
85 64.0 52.1 78.1
127 8.8 6.8 10.2





#45

4-Methyl-2-Pentanone

Concen: 25.226 ug/l

RT: 7.794 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU051431.D

Acq: 17 Oct 2022 16:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005

Tgt Ion: 43 Resp: 269930

Ion Ratio Lower Upper

43 100

58 40.9 21.4 64.3

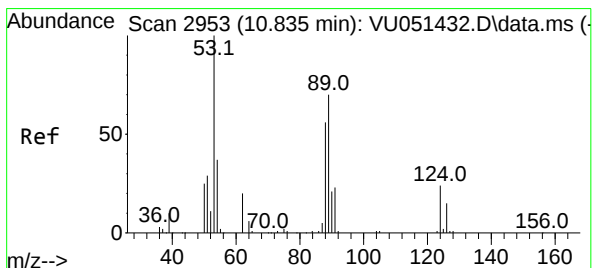
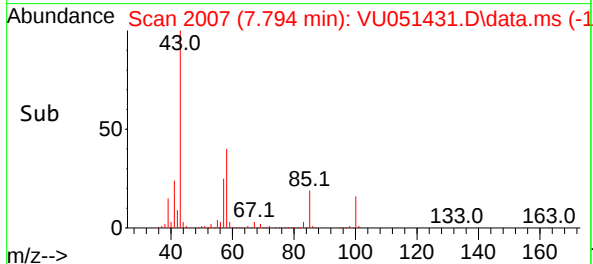
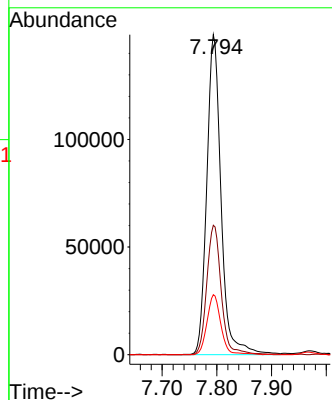
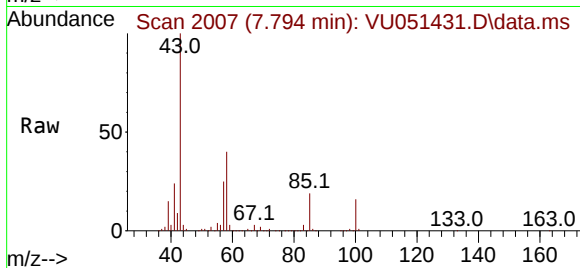
85 18.2 15.4 23.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/18/2022

Supervised By :Mahesh Dadoda 10/21/2022



#46

t-1,4-Dichloro-2-butene

Concen: 15.755 ug/l m

RT: 10.829 min Scan# 2951

Delta R.T. -0.006 min

Lab File: VU051431.D

Acq: 17 Oct 2022 16:07

Tgt Ion: 75 Resp: 59521

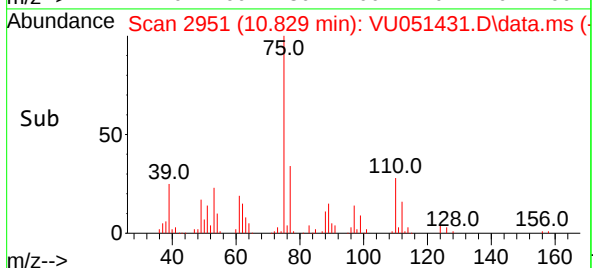
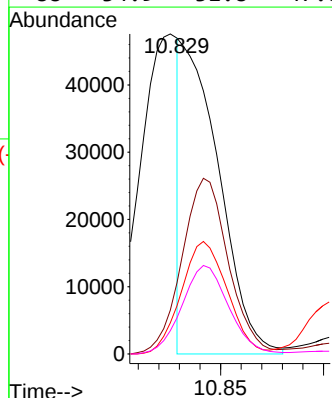
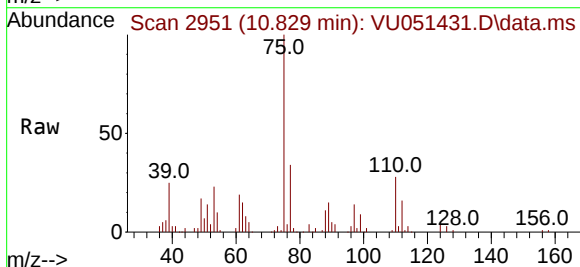
Ion Ratio Lower Upper

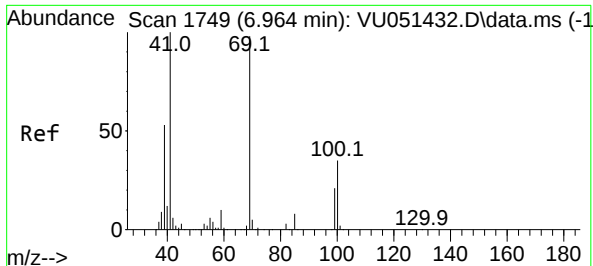
75 100

53 68.9 61.1 91.7

89 43.8 41.0 61.6

88 34.9 31.8 47.8





#47

Methyl methacrylate

Concen: 10.747 ug/l

RT: 6.964 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VU051431.D

Acq: 17 Oct 2022 16:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion: 69 Resp: 8757

Ion Ratio Lower Upper

69 100

41 100.0 0.0 200.8

39 53.8 44.1 66.1

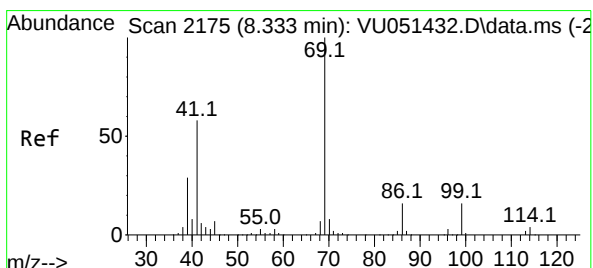
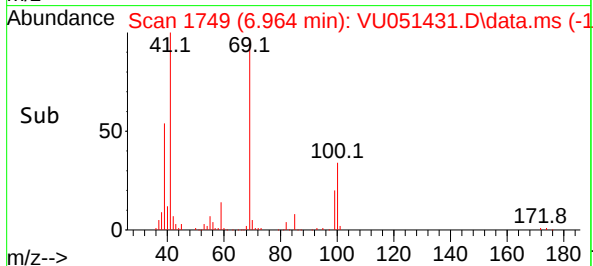
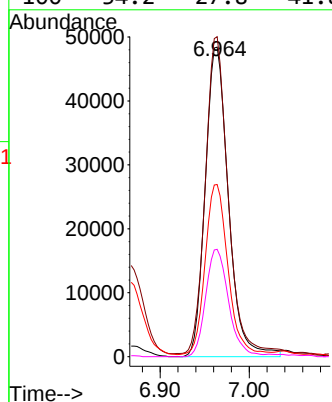
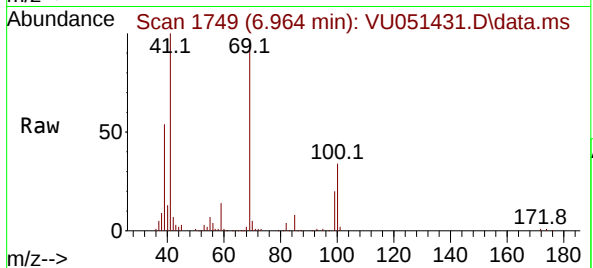
100 34.2 27.8 41.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/18/2022

Supervised By :Mahesh Dadoda 10/21/2022



#48

Ethyl methacrylate

Concen: 5.237 ug/l

RT: 8.334 min Scan# 2175

Delta R.T. 0.000 min

Lab File: VU051431.D

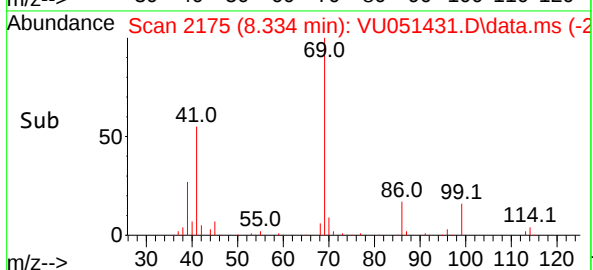
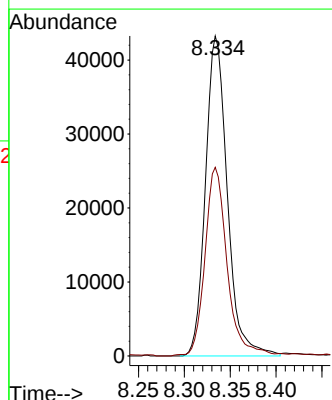
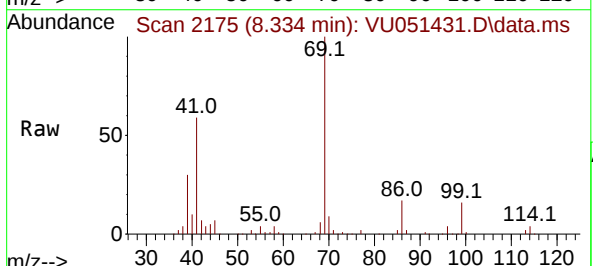
Acq: 17 Oct 2022 16:07

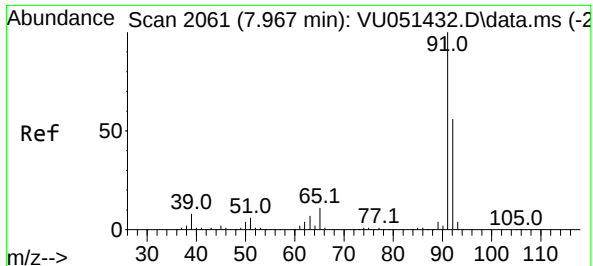
Tgt Ion: 69 Resp: 71569

Ion Ratio Lower Upper

69 100

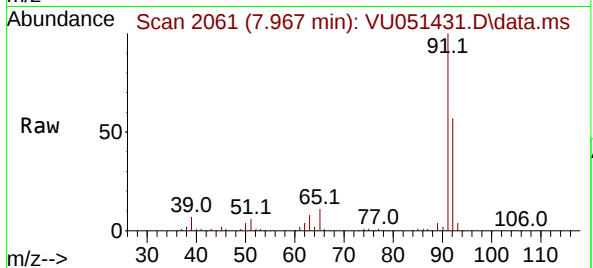
41 60.2 28.8 86.5





#49
Toluene
Concen: 5.624 ug/l
RT: 7.967 min Scan# 2061
Delta R.T. 0.000 min
Lab File: VU051431.D
Acq: 17 Oct 2022 16:07

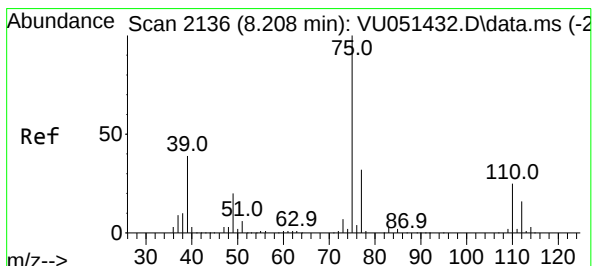
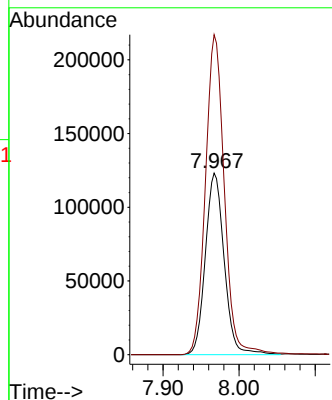
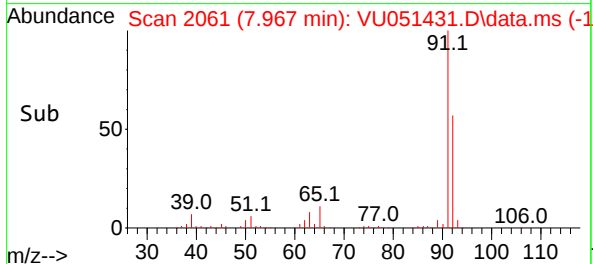
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



Tgt Ion: 92 Resp: 21224
Ion Ratio Lower Upper
92 100
91 176.5 141.8 212.6

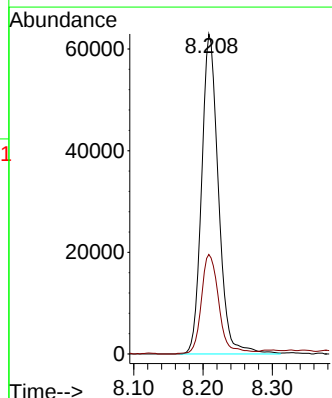
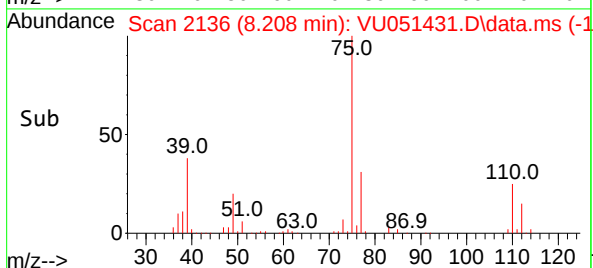
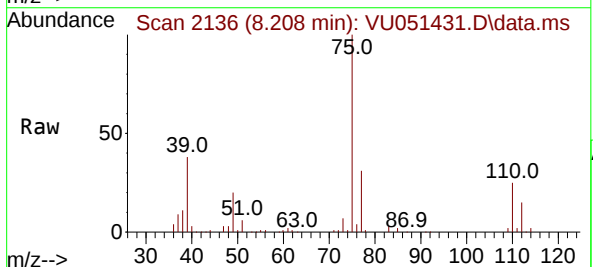
Manual Integrations
APPROVED

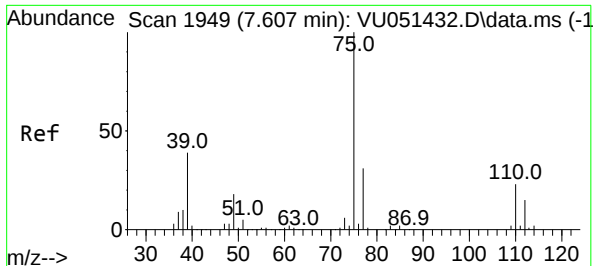
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/21/2022



#50
t-1,3-Dichloropropene
Concen: 5.557 ug/l
RT: 8.208 min Scan# 2136
Delta R.T. 0.000 min
Lab File: VU051431.D
Acq: 17 Oct 2022 16:07

Tgt Ion: 75 Resp: 106259
Ion Ratio Lower Upper
75 100
77 30.9 25.8 38.6





#51

cis-1,3-Dichloropropene

Concen: 5.313 ug/l

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU051431.D

Acq: 17 Oct 2022 16:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion: 75 Resp: 11843

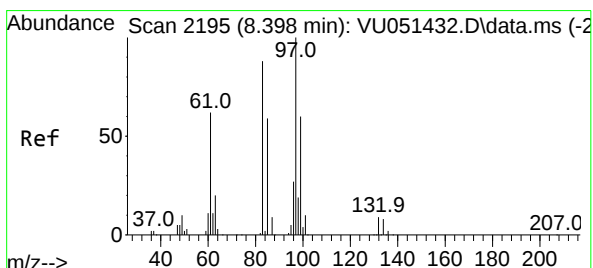
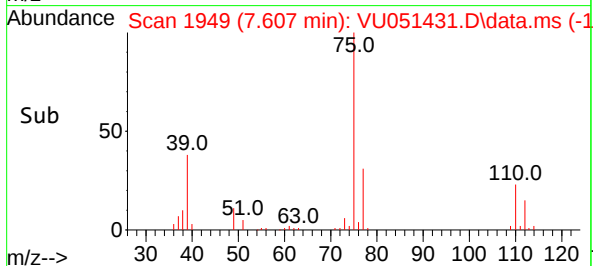
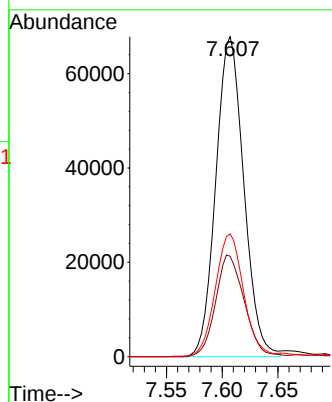
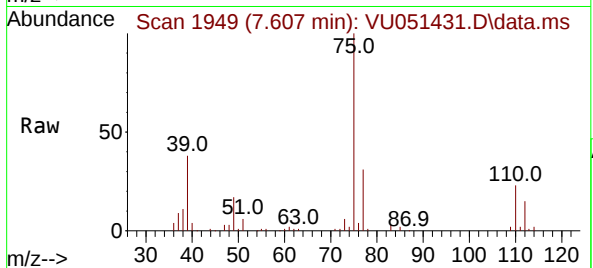
Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.1	37.7
39	38.3	31.4	47.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/18/2022

Supervised By :Mahesh Dadoda 10/21/2022



#52

1,1,2-Trichloroethane

Concen: 5.328 ug/l

RT: 8.401 min Scan# 2196

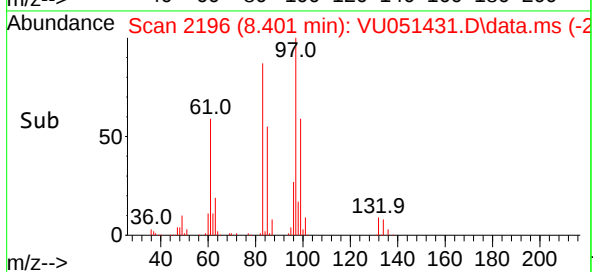
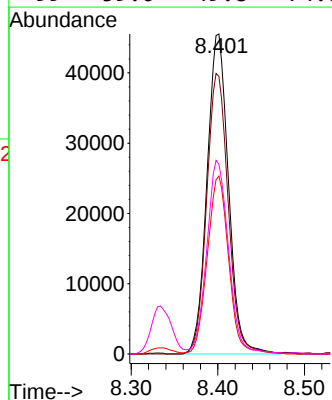
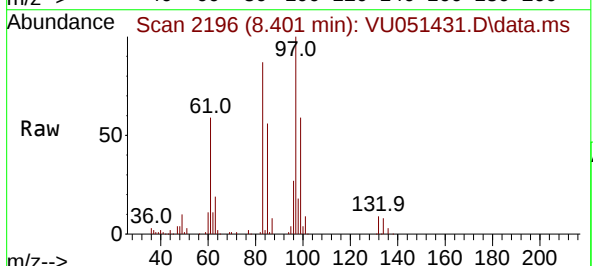
Delta R.T. 0.004 min

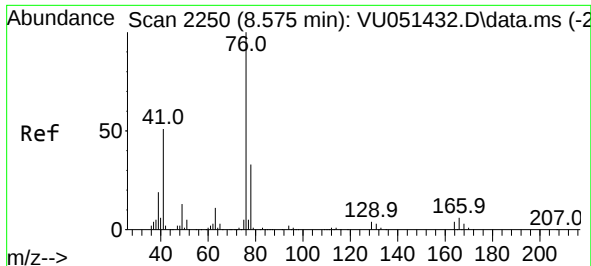
Lab File: VU051431.D

Acq: 17 Oct 2022 16:07

Tgt Ion: 97 Resp: 78434

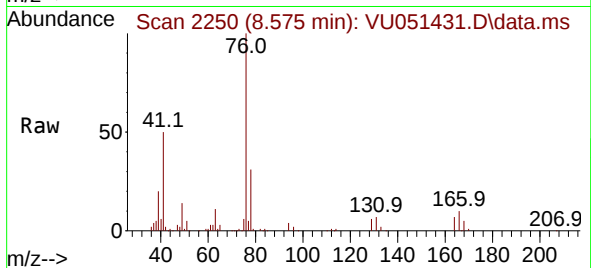
Ion	Ratio	Lower	Upper
97	100		
83	86.8	70.6	105.8
85	55.3	47.0	70.4
99	59.0	49.8	74.8





#53
1,3-Dichloropropane
Concen: 5.356 ug/l
RT: 8.575 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VU051431.D
Acq: 17 Oct 2022 16:07

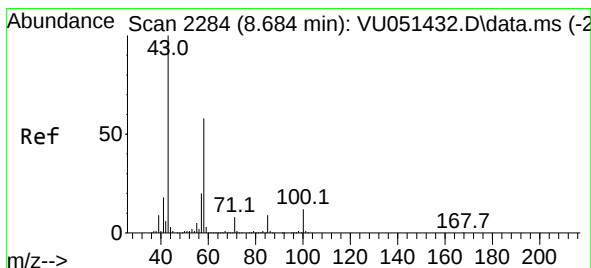
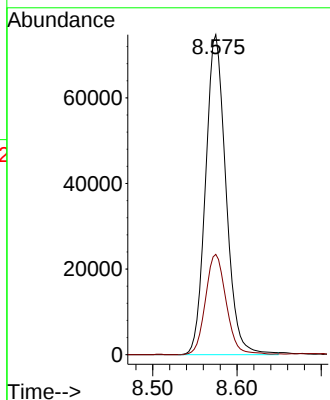
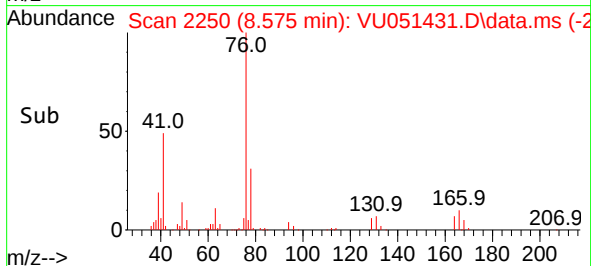
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



Tgt Ion: 76 Resp: 125632
Ion Ratio Lower Upper
76 100
78 32.0 26.4 39.6

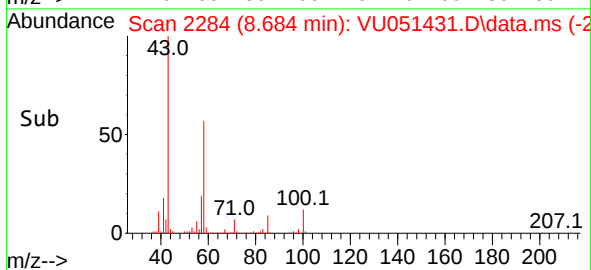
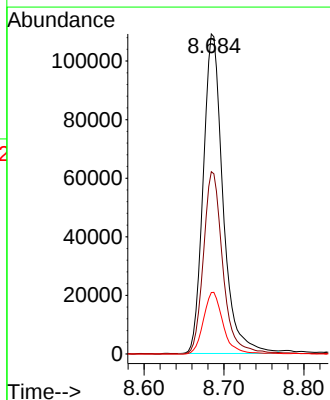
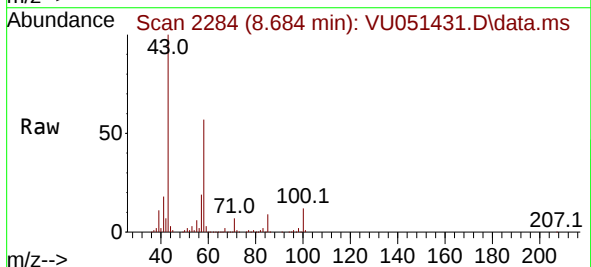
Manual Integrations
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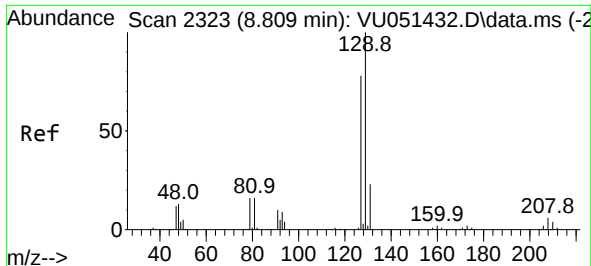
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/21/2022



#54
2-Hexanone
Concen: 24.838 ug/l
RT: 8.684 min Scan# 2284
Delta R.T. 0.000 min
Lab File: VU051431.D
Acq: 17 Oct 2022 16:07

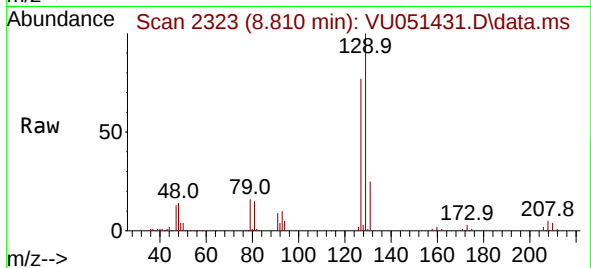
Tgt Ion: 43 Resp: 188122
Ion Ratio Lower Upper
43 100
58 56.1 38.0 78.0
57 19.1 0.0 39.9





#55
Dibromochloromethane
Concen: 5.124 ug/l
RT: 8.810 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU051431.D
Acq: 17 Oct 2022 16:07

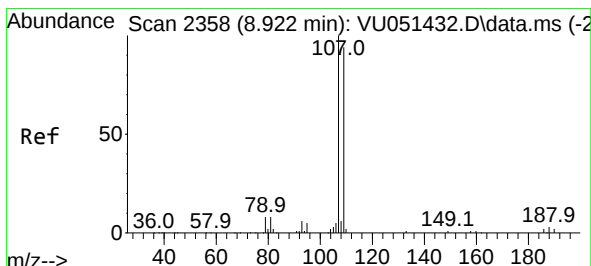
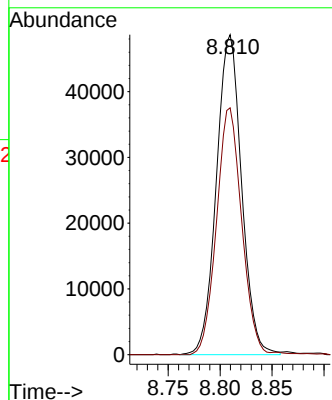
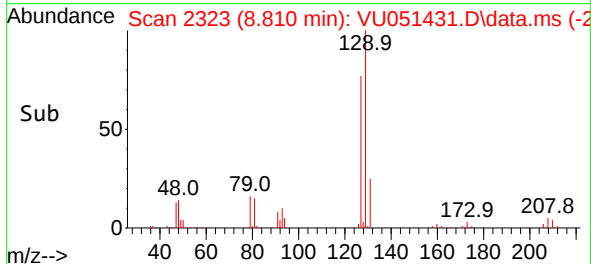
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



Tgt Ion:129 Resp: 82179
Ion Ratio Lower Upper
129 100
127 77.1 62.1 93.1

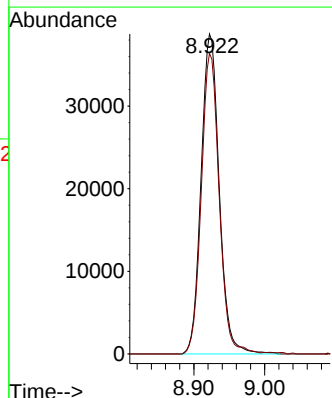
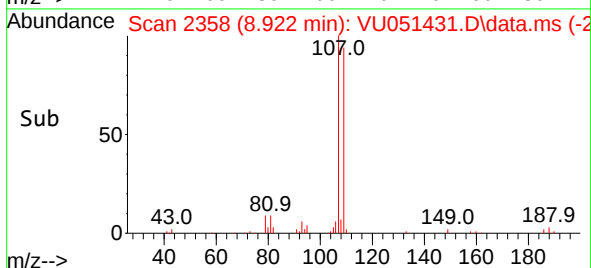
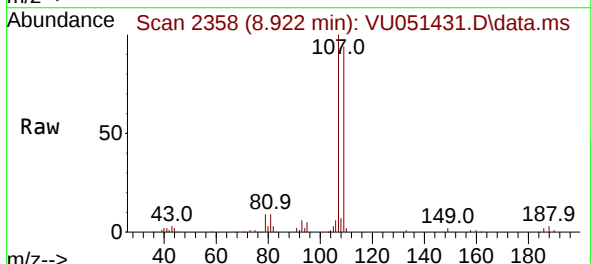
Manual Integrations
APPROVED

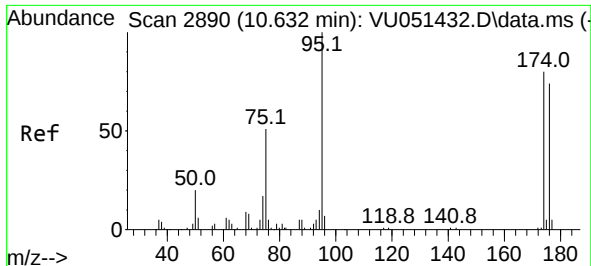
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/21/2022



#56
1,2-Dibromoethane
Concen: 5.251 ug/l
RT: 8.922 min Scan# 2358
Delta R.T. 0.000 min
Lab File: VU051431.D
Acq: 17 Oct 2022 16:07

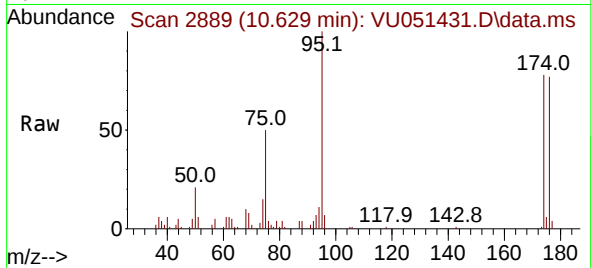
Tgt Ion:107 Resp: 68879
Ion Ratio Lower Upper
107 100
109 92.5 0.0 190.6





#57
4-Bromofluorobenzene
Concen: 1.112 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. -0.003 min
Lab File: VU051431.D
Acq: 17 Oct 2022 16:07

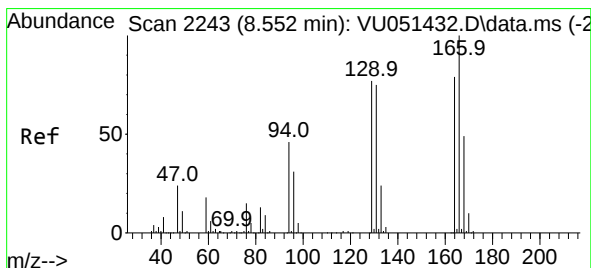
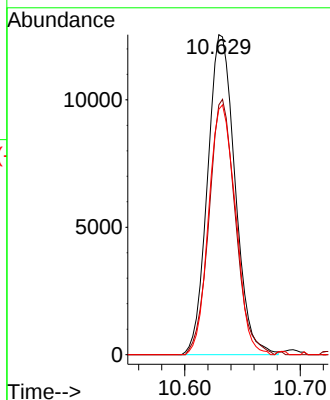
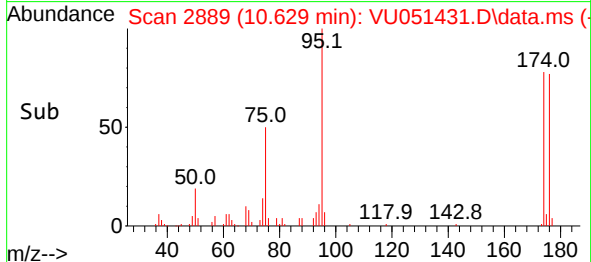
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



Tgt Ion: 95 Resp: 20740
Ion Ratio Lower Upper
95 100
174 76.6 63.0 94.6
176 76.1 59.8 89.6

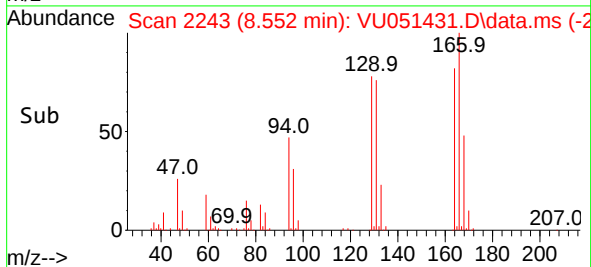
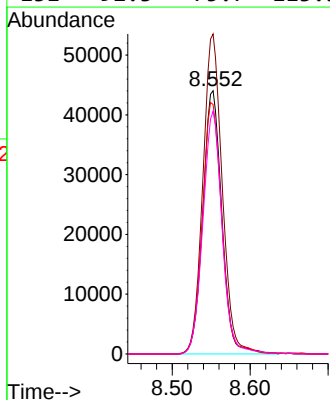
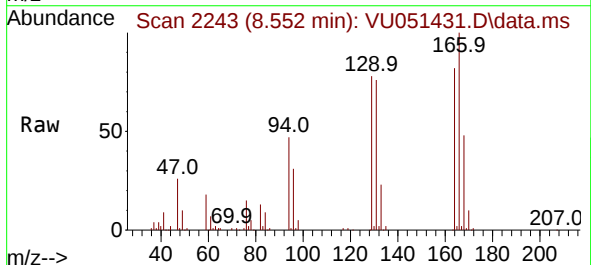
Manual Integrations
APPROVED

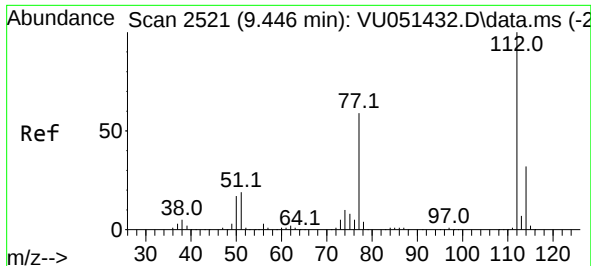
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/21/2022



#58
Tetrachloroethene
Concen: 4.529 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU051431.D
Acq: 17 Oct 2022 16:07

Tgt Ion:164 Resp: 74833
Ion Ratio Lower Upper
164 100
166 121.6 100.9 151.3
129 94.8 77.5 116.3
131 92.3 75.7 113.5





#59

Chlorobenzene

Concen: 5.414 ug/l

RT: 9.446 min Scan# 2521

Delta R.T. 0.000 min

Lab File: VU051431.D

Acq: 17 Oct 2022 16:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion:112 Resp: 225294

Ion Ratio Lower Upper

112 100

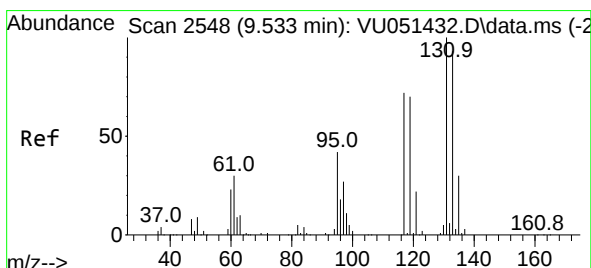
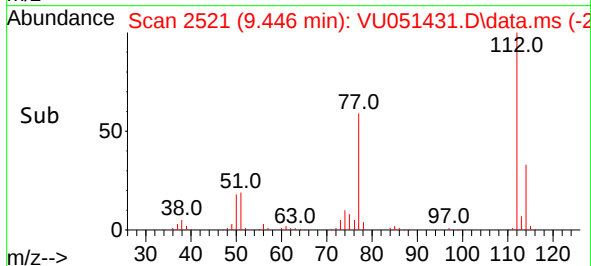
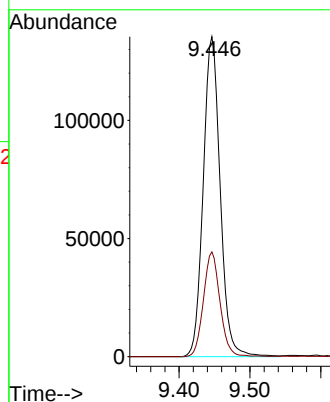
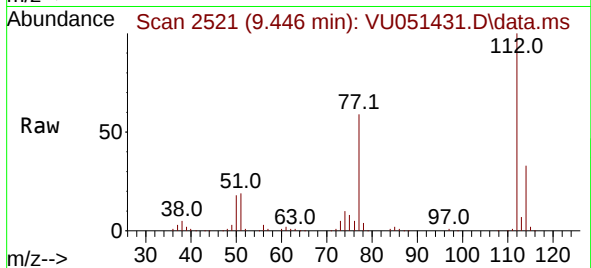
114 32.7 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/18/2022

Supervised By :Mahesh Dadoda 10/21/2022



#60

1,1,1,2-Tetrachloroethane

Concen: 5.151 ug/l

RT: 9.533 min Scan# 2548

Delta R.T. 0.000 min

Lab File: VU051431.D

Acq: 17 Oct 2022 16:07

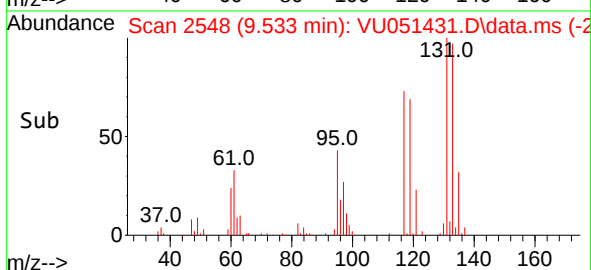
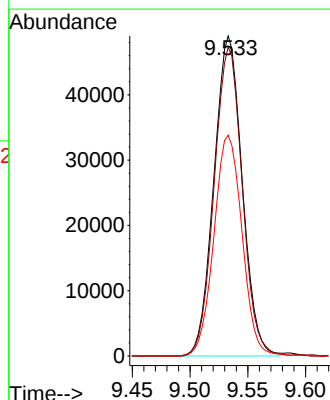
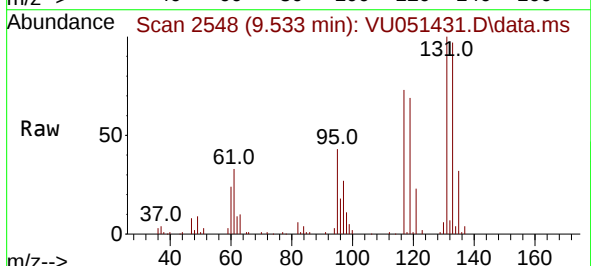
Tgt Ion:131 Resp: 83491

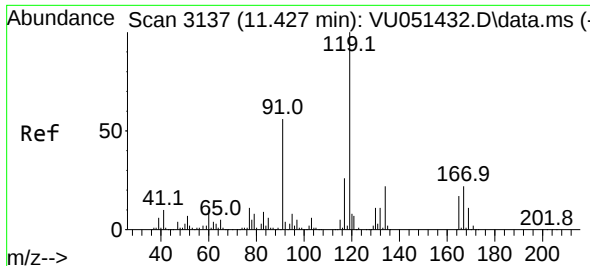
Ion Ratio Lower Upper

131 100

133 95.9 76.5 114.7

119 68.6 56.5 84.7





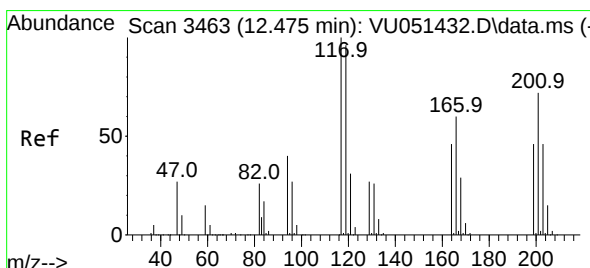
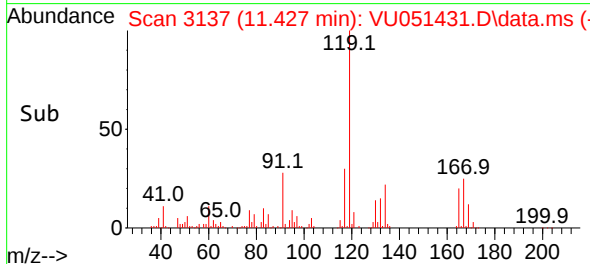
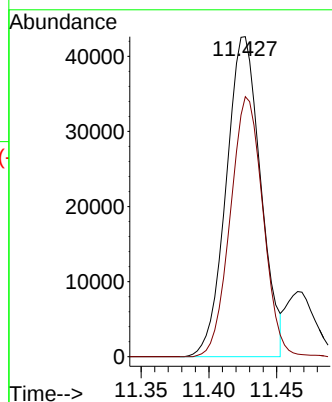
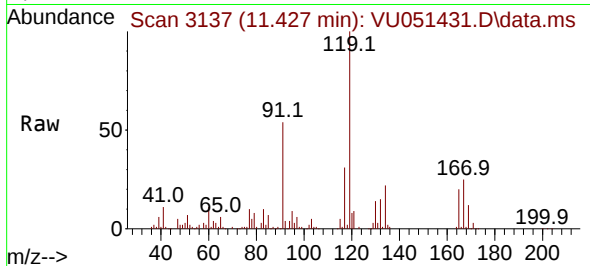
#61
Pentachloroethane
Concen: 6.363 ug/l
RT: 11.427 min Scan# 3137
Delta R.T. 0.000 min
Lab File: VU051431.D
Acq: 17 Oct 2022 16:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion:117 Resp: 75369
Ion Ratio Lower Upper
117 100
167 77.1 63.3 94.9

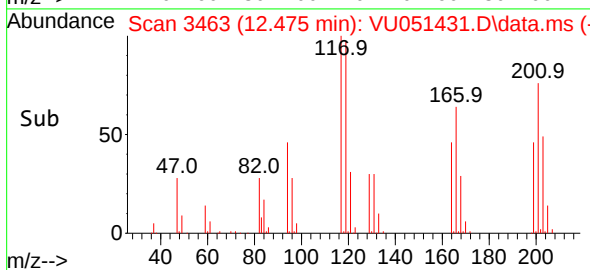
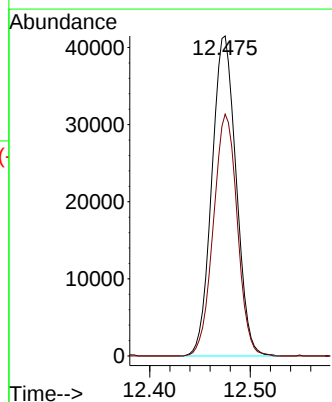
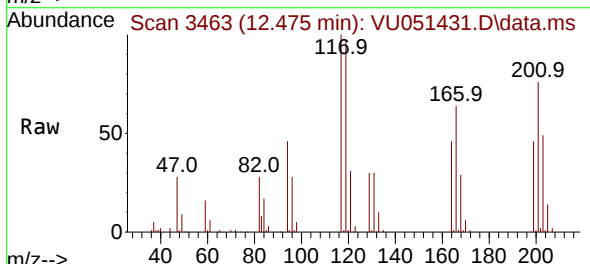
Manual Integrations
APPROVED

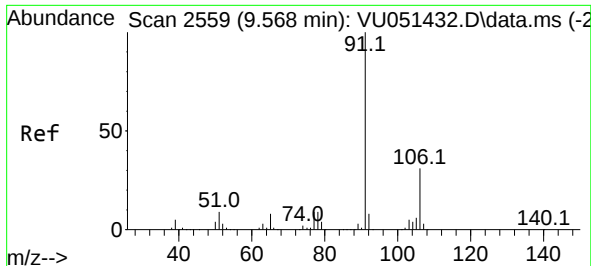
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/21/2022



#62
Hexachloroethane
Concen: 5.320 ug/l
RT: 12.475 min Scan# 3463
Delta R.T. 0.000 min
Lab File: VU051431.D
Acq: 17 Oct 2022 16:07

Tgt Ion:117 Resp: 69587
Ion Ratio Lower Upper
117 100
201 74.4 57.4 86.2





#63

Ethyl Benzene

Concen: 5.294 ug/l

RT: 9.568 min Scan# 2559

Delta R.T. 0.000 min

Lab File: VU051431.D

Acq: 17 Oct 2022 16:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion: 91 Resp: 338324

Ion Ratio Lower Upper

91 100

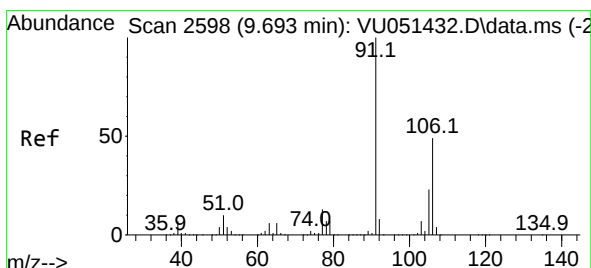
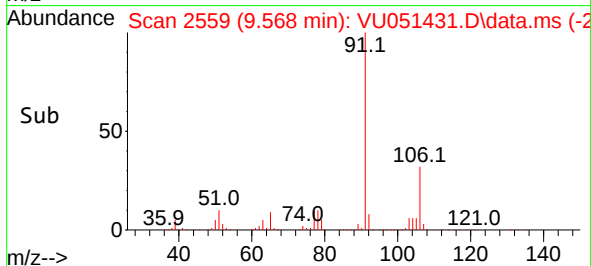
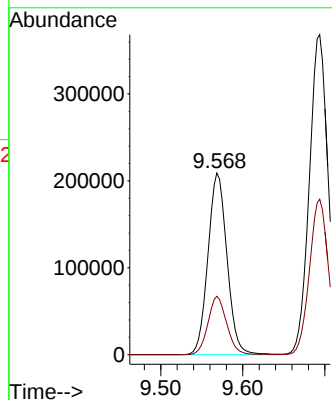
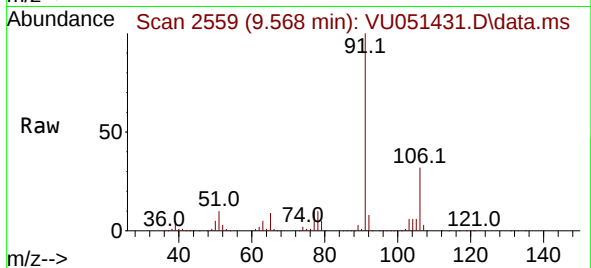
106 32.2 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/18/2022

Supervised By :Mahesh Dadoda 10/21/2022



#64

m/p-Xylenes

Concen: 11.566 ug/l

RT: 9.694 min Scan# 2598

Delta R.T. 0.000 min

Lab File: VU051431.D

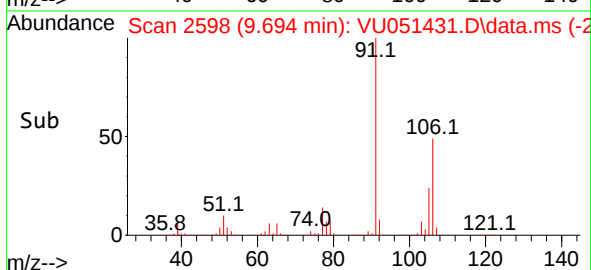
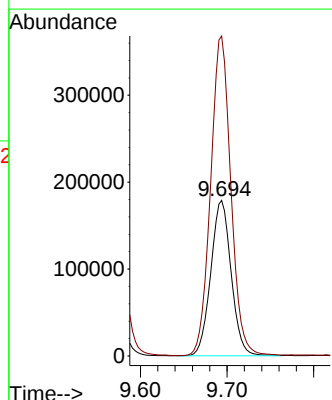
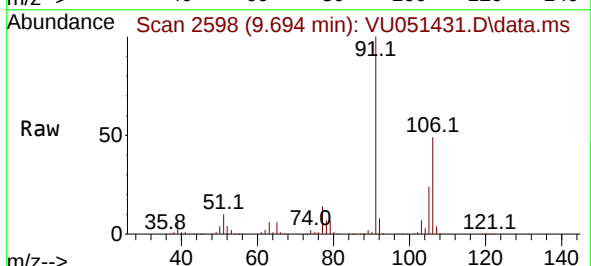
Acq: 17 Oct 2022 16:07

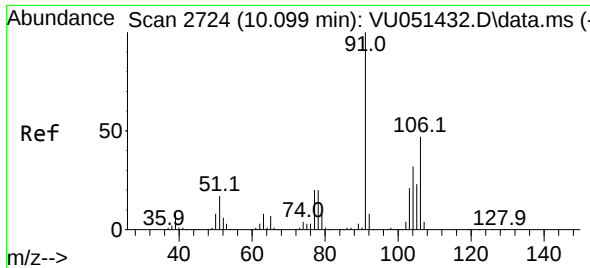
Tgt Ion:106 Resp: 292439

Ion Ratio Lower Upper

106 100

91 204.1 163.2 244.8





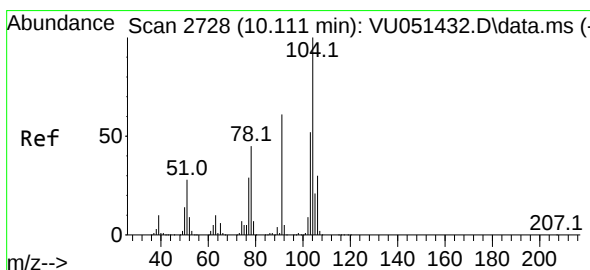
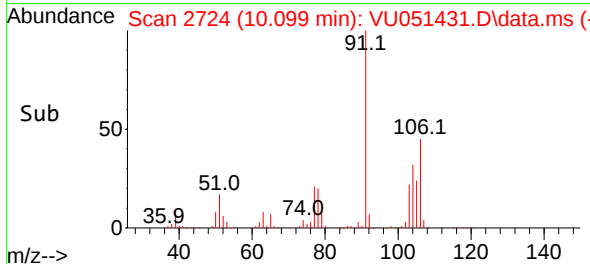
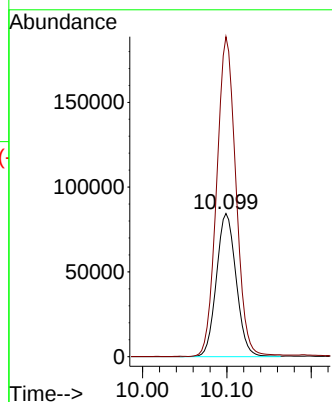
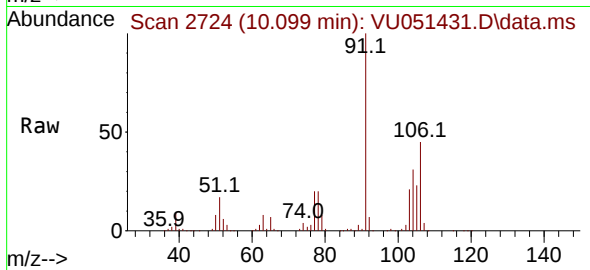
#65
o-Xylene
Concen: 5.573 ug/l
RT: 10.099 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051431.D
Acq: 17 Oct 2022 16:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 13721
Ion Ratio Lower Upper
106 100
91 217.8 107.1 321.3

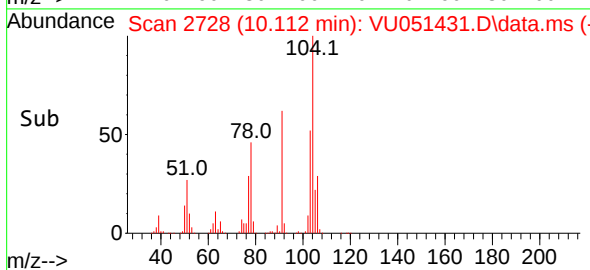
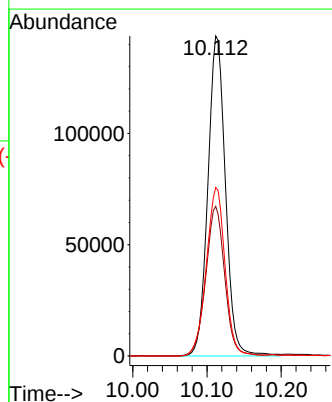
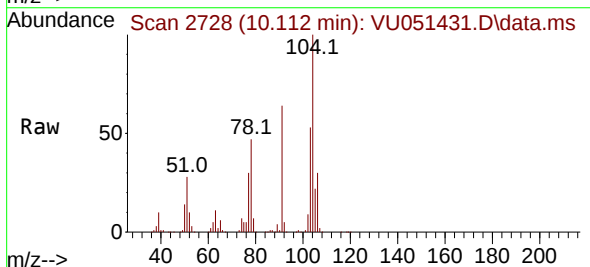
Manual Integrations
APPROVED

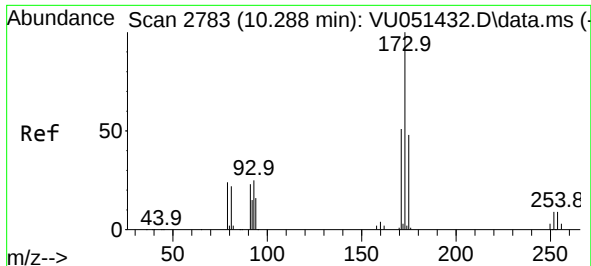
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/21/2022



#66
Styrene
Concen: 5.829 ug/l
RT: 10.112 min Scan# 2728
Delta R.T. 0.000 min
Lab File: VU051431.D
Acq: 17 Oct 2022 16:07

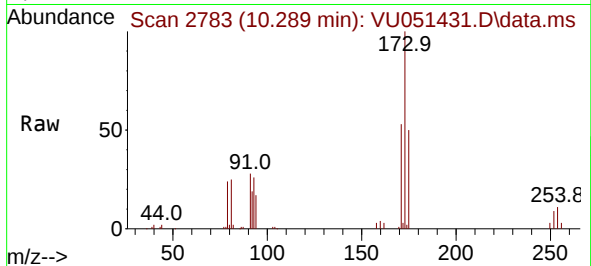
Tgt Ion:104 Resp: 236621
Ion Ratio Lower Upper
104 100
78 50.4 39.7 59.5
103 56.3 44.4 66.6





#67
Bromoform
Concen: 4.919 ug/l
RT: 10.289 min Scan# 2783
Delta R.T. 0.000 min
Lab File: VU051431.D
Acq: 17 Oct 2022 16:07

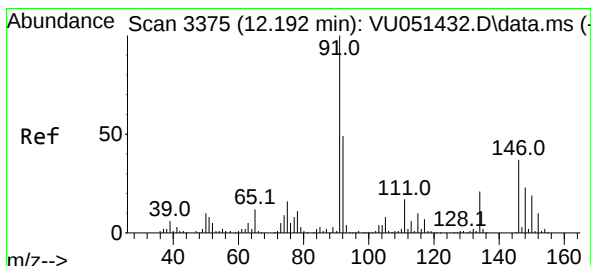
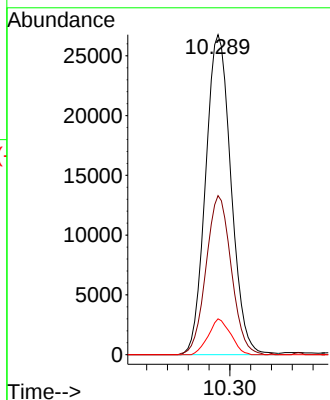
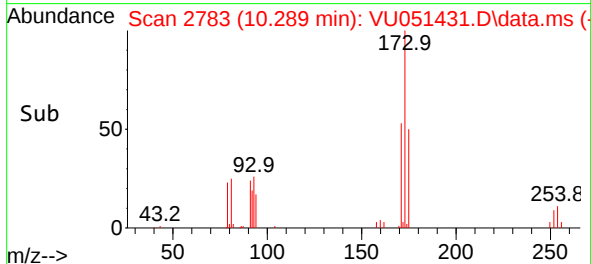
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



Tgt Ion:173 Resp: 45464
Ion Ratio Lower Upper
173 100
175 49.4 38.6 58.0
254 9.8 7.3 10.9

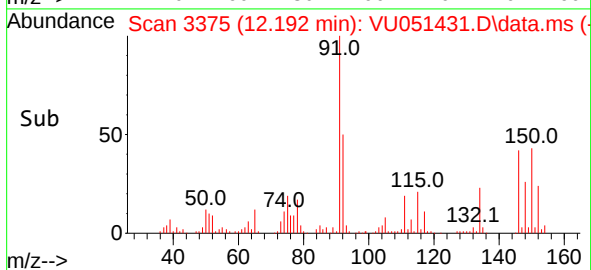
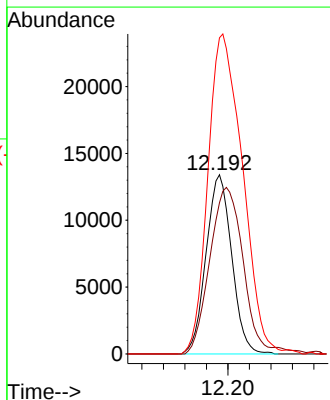
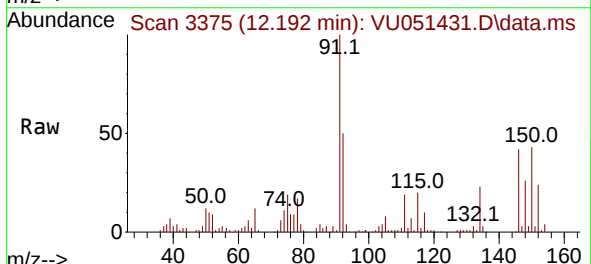
Manual Integrations
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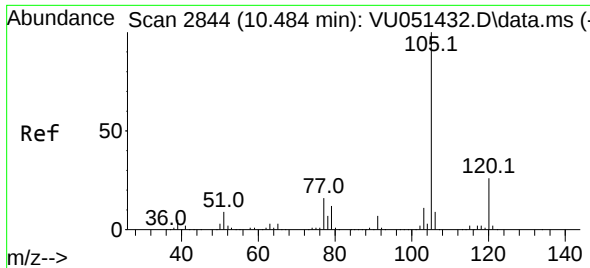
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/21/2022



#68
1,2-Dichlorobenzene-d4
Concen: 1.070 ug/l
RT: 12.192 min Scan# 3375
Delta R.T. 0.000 min
Lab File: VU051431.D
Acq: 17 Oct 2022 16:07

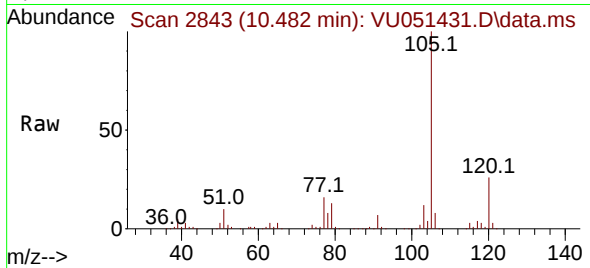
Tgt Ion:152 Resp: 22198
Ion Ratio Lower Upper
152 100
115 122.0 0.0 333.0
150 240.8 0.0 662.0





#69
Isopropylbenzene
Concen: 5.477 ug/l
RT: 10.482 min Scan# 2844
Delta R.T. -0.003 min
Lab File: VU051431.D
Acq: 17 Oct 2022 16:07

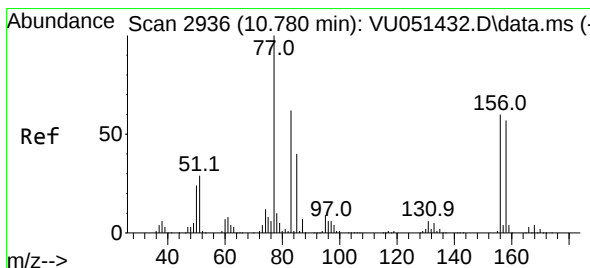
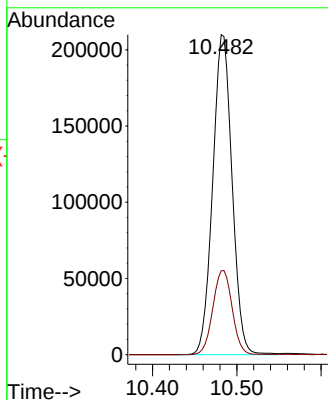
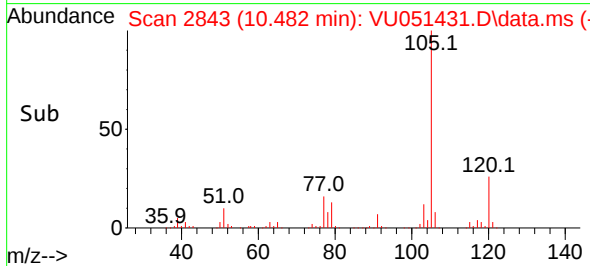
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



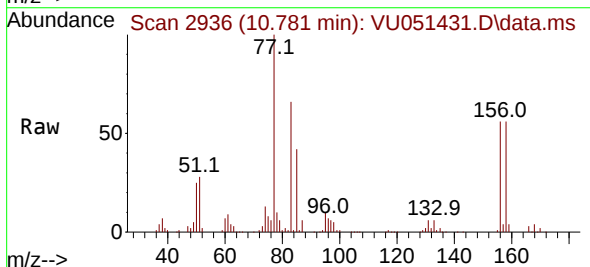
Tgt Ion:105 Resp: 334228
Ion Ratio Lower Upper
105 100
120 26.3 13.0 39.0

Manual Integrations
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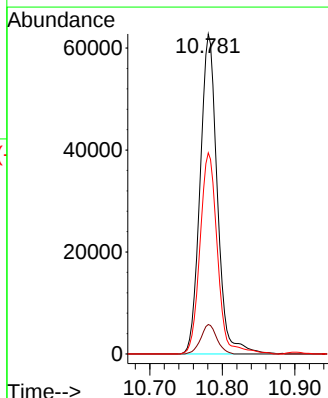
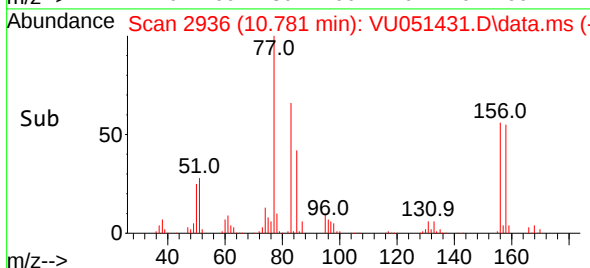
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/21/2022

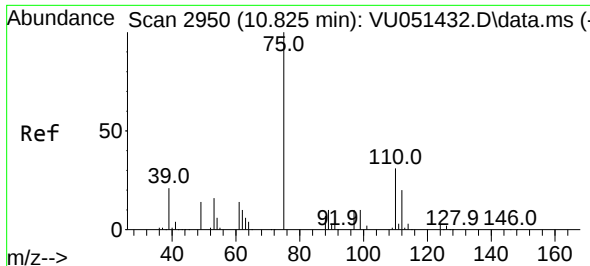


#70
1,1,2,2-Tetrachloroethane
Concen: 5.431 ug/l
RT: 10.781 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VU051431.D
Acq: 17 Oct 2022 16:07



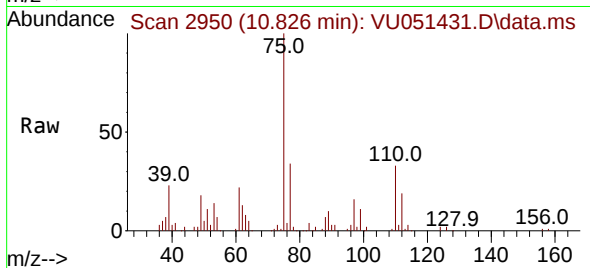
Tgt Ion: 83 Resp: 103469
Ion Ratio Lower Upper
83 100
131 8.6 7.2 10.8
85 63.8 51.4 77.2





#71
1,2,3-Trichloropropane
Concen: 5.260 ug/l m
RT: 10.826 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU051431.D
Acq: 17 Oct 2022 16:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

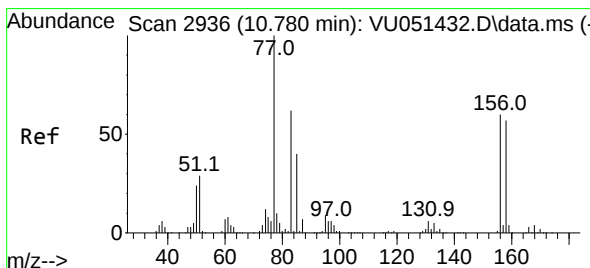
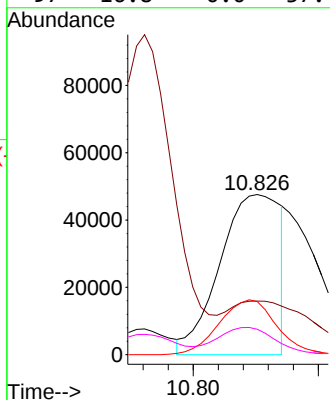
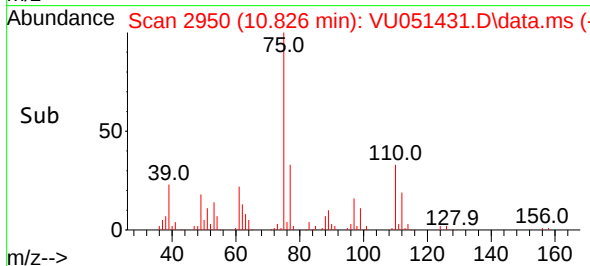


Tgt Ion: 75 Resp: 7969

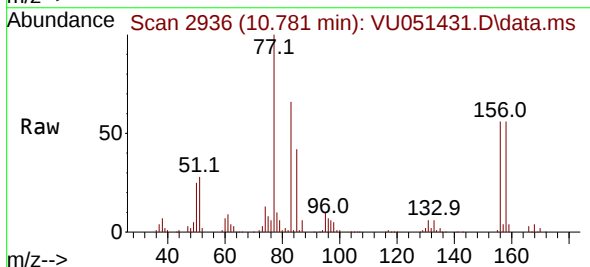
Ion	Ratio	Lower	Upper
75	100		
77	44.0	0.0	111.0
110	32.7	0.0	70.2
97	16.8	0.0	37.4

Manual Integrations
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Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/21/2022

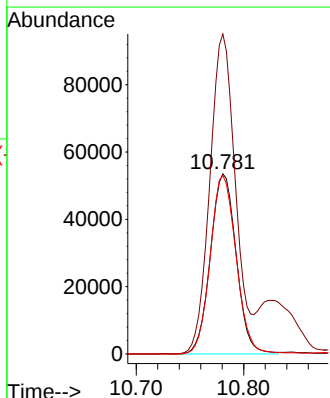
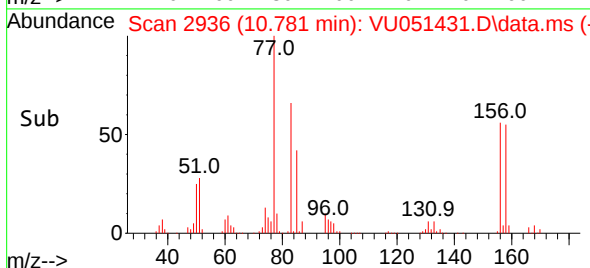


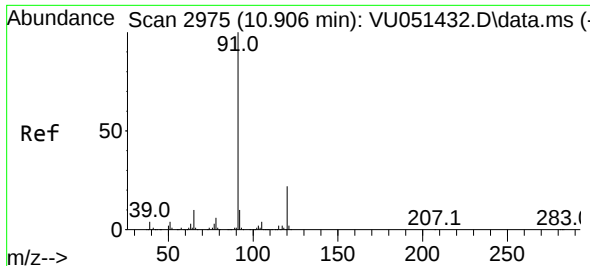
#72
Bromobenzene
Concen: 5.387 ug/l
RT: 10.781 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VU051431.D
Acq: 17 Oct 2022 16:07



Tgt Ion:156 Resp: 89143

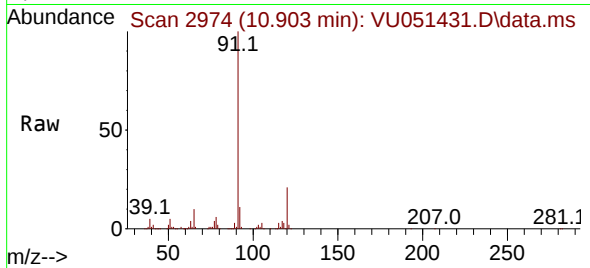
Ion	Ratio	Lower	Upper
156	100		
77	176.7	0.0	343.4
158	99.8	0.0	195.6





#73
n-propylbenzene
Concen: 5.745 ug/l
RT: 10.903 min Scan# 2975
Delta R.T. -0.003 min
Lab File: VU051431.D
Acq: 17 Oct 2022 16:07

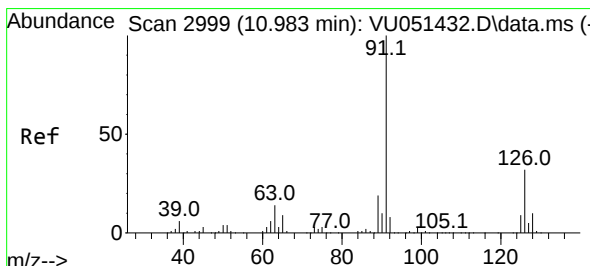
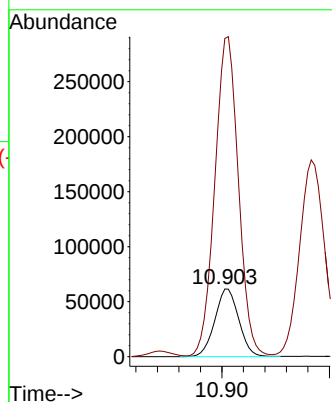
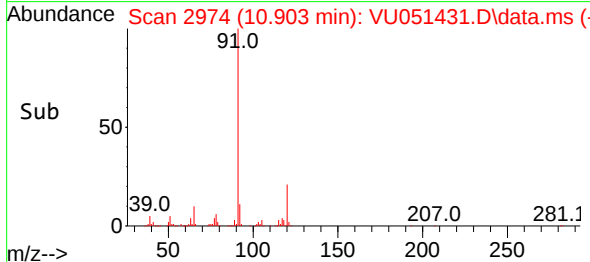
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



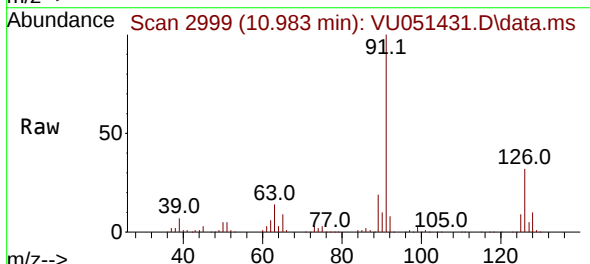
Tgt Ion:120 Resp: 95342
Ion Ratio Lower Upper
120 100
91 462.3 362.3 543.5

Manual Integrations
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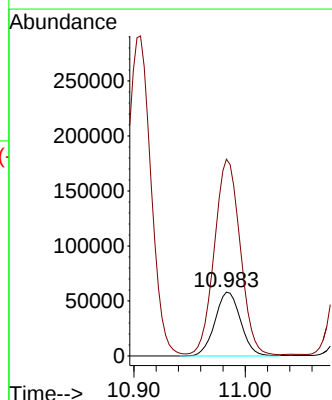
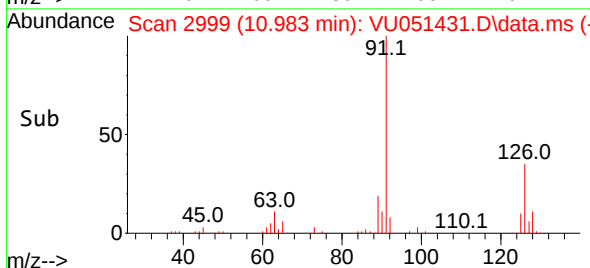
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/21/2022

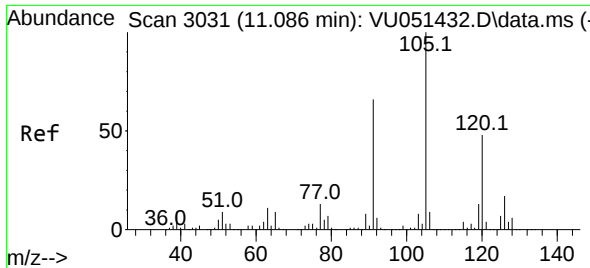


#74
2-Chlorotoluene
Concen: 5.746 ug/l
RT: 10.983 min Scan# 2999
Delta R.T. 0.000 min
Lab File: VU051431.D
Acq: 17 Oct 2022 16:07



Tgt Ion:126 Resp: 92747
Ion Ratio Lower Upper
126 100
91 307.4 0.0 623.2





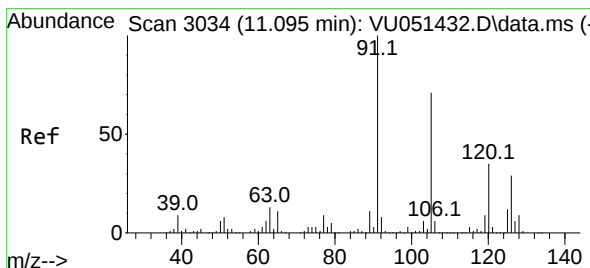
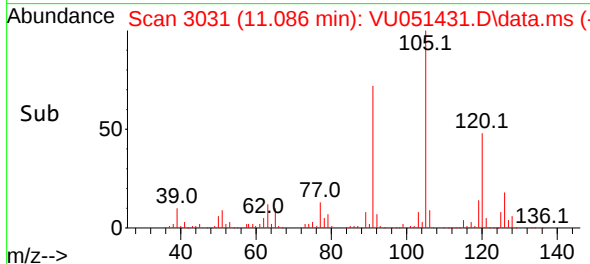
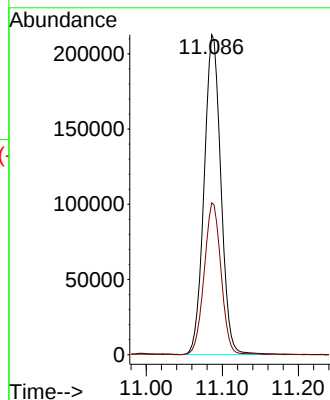
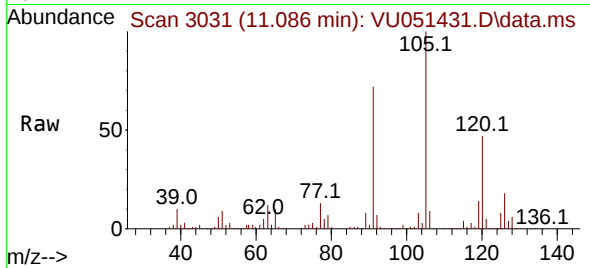
#75
1,3,5-Trimethylbenzene
Concen: 5.992 ug/l
RT: 11.086 min Scan# 3031
Delta R.T. 0.000 min
Lab File: VU051431.D
Acq: 17 Oct 2022 16:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion:105 Resp: 32535
Ion Ratio Lower Upper
105 100
120 48.0 38.2 57.4

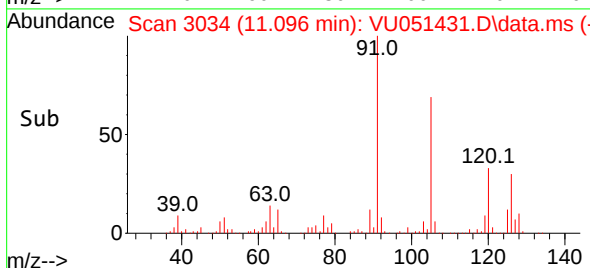
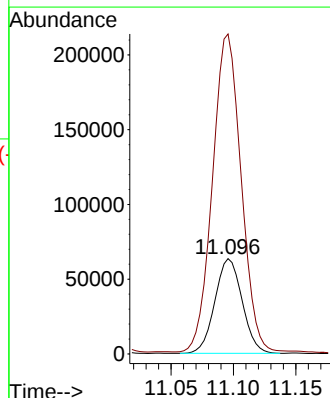
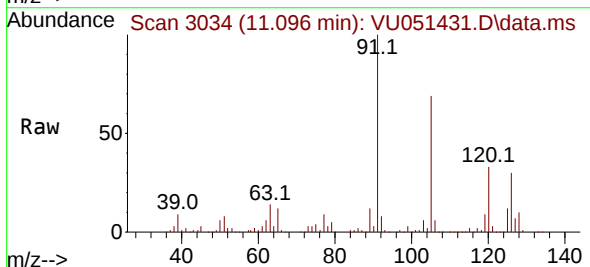
Manual Integrations
APPROVED

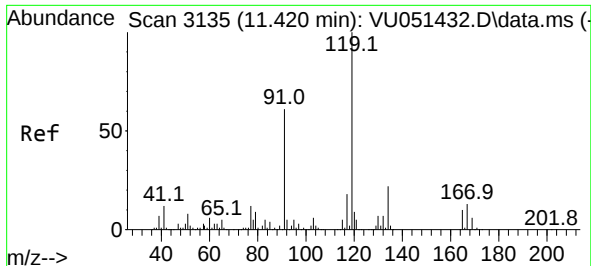
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/21/2022



#76
4-Chlorotoluene
Concen: 6.019 ug/l
RT: 11.096 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU051431.D
Acq: 17 Oct 2022 16:07

Tgt Ion:126 Resp: 96358
Ion Ratio Lower Upper
126 100
91 360.2 0.0 717.6





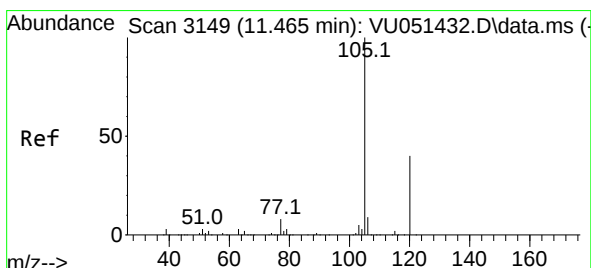
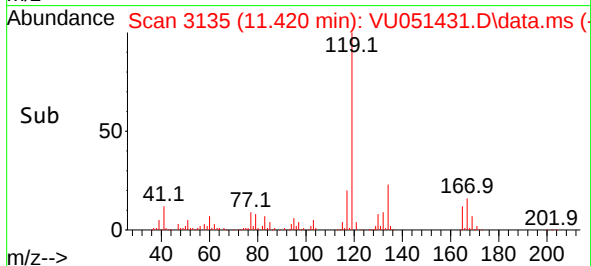
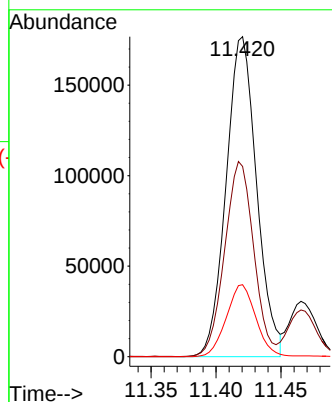
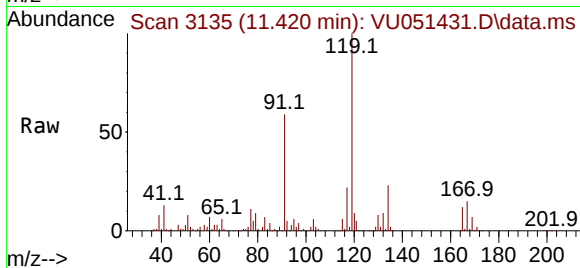
#77
tert-Butylbenzene
Concen: 5.711 ug/l
RT: 11.420 min Scan# 3135
Delta R.T. 0.000 min
Lab File: VU051431.D
Acq: 17 Oct 2022 16:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Tgt Ion:119 Resp: 28959
Ion Ratio Lower Upper
119 100
91 57.9 29.8 89.5
134 22.0 17.9 26.9

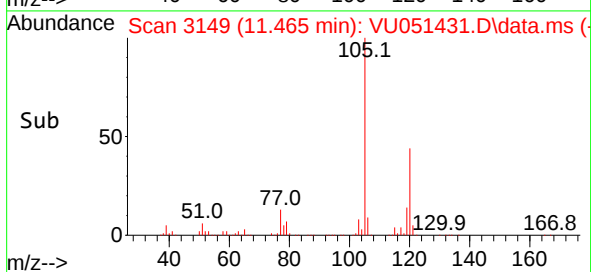
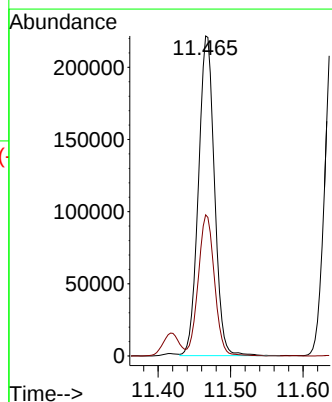
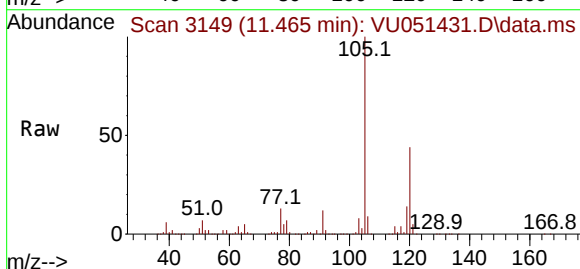
Manual Integrations
APPROVED

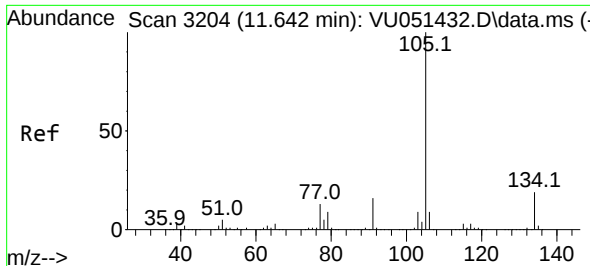
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/21/2022



#78
1,2,4-Trimethylbenzene
Concen: 6.067 ug/l
RT: 11.465 min Scan# 3149
Delta R.T. 0.000 min
Lab File: VU051431.D
Acq: 17 Oct 2022 16:07

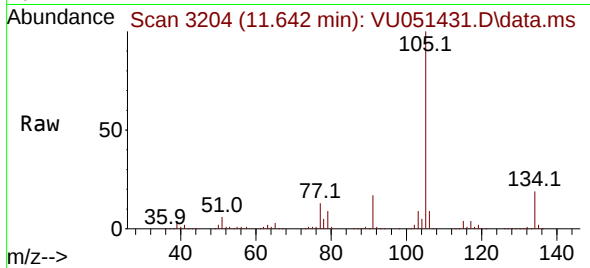
Tgt Ion:105 Resp: 339823
Ion Ratio Lower Upper
105 100
120 45.0 22.1 66.3





#79
 sec-Butylbenzene
 Concen: 5.610 ug/l
 RT: 11.642 min Scan# 3204
 Delta R.T. 0.000 min
 Lab File: VU051431.D
 Acq: 17 Oct 2022 16:07

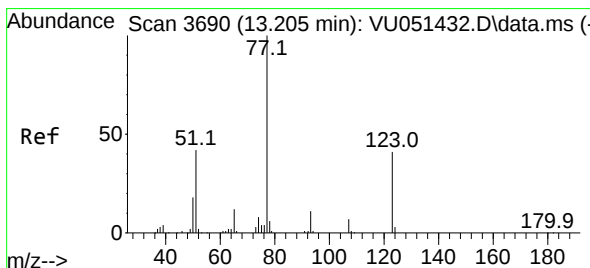
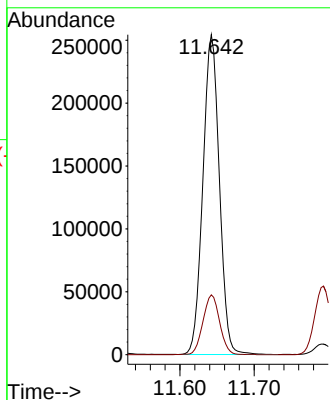
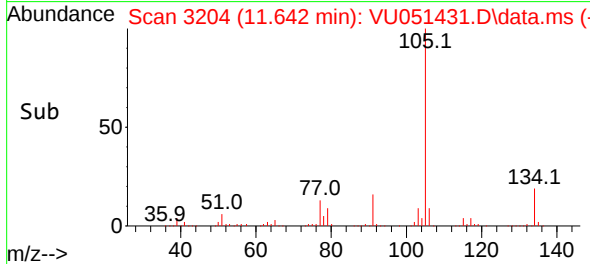
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005



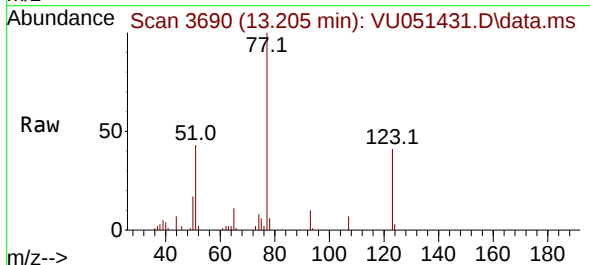
Tgt Ion:105 Resp: 390704
 Ion Ratio Lower Upper
 105 100
 134 18.9 15.2 22.8

Manual Integrations
 APPROVED

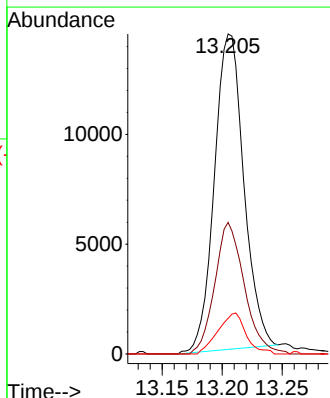
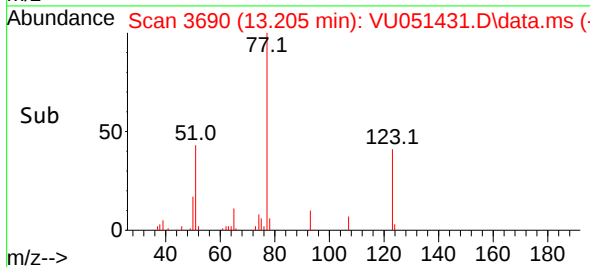
Reviewed By :Krupa Patel 10/18/2022
 Supervised By :Mahesh Dadoda 10/21/2022

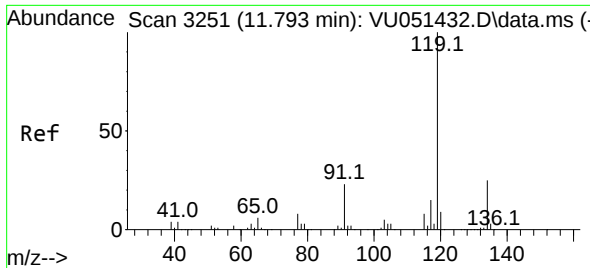


#80
 Nitrobenzene
 Concen: 23.268 ug/l
 RT: 13.205 min Scan# 3690
 Delta R.T. 0.000 min
 Lab File: VU051431.D
 Acq: 17 Oct 2022 16:07



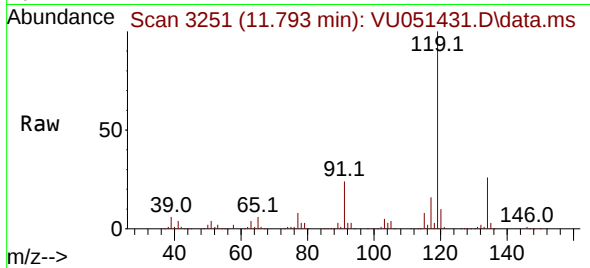
Tgt Ion: 77 Resp: 24510
 Ion Ratio Lower Upper
 77 100
 123 41.8 17.5 62.1
 65 12.3 11.1 14.1





#81
p-Isopropyltoluene
Concen: 5.863 ug/l
RT: 11.793 min Scan# 3251
Delta R.T. 0.000 min
Lab File: VU051431.D
Acq: 17 Oct 2022 16:07

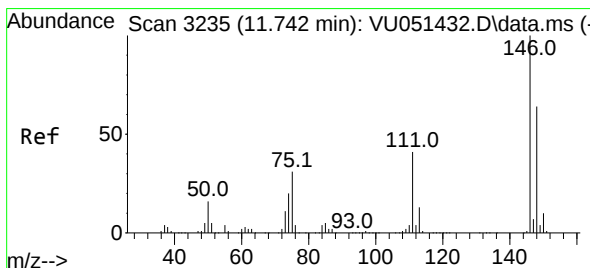
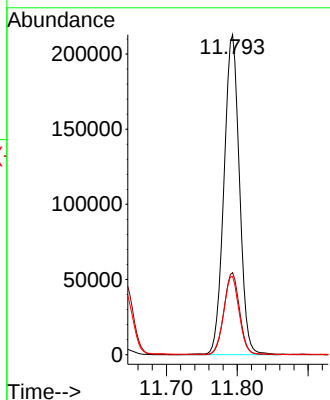
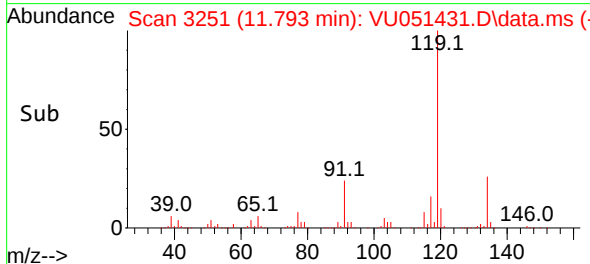
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005



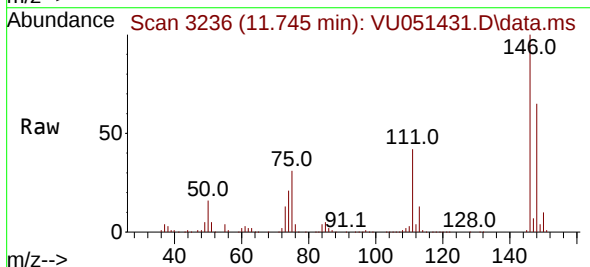
Tgt Ion:119 Resp: 322890
Ion Ratio Lower Upper
119 100
134 25.6 20.3 30.5
91 24.4 18.6 27.8

Manual Integrations
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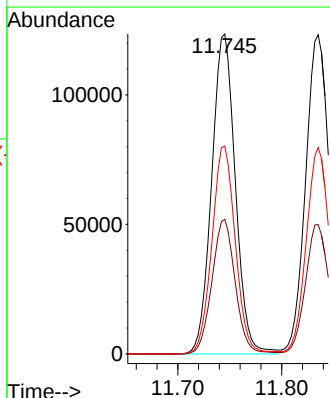
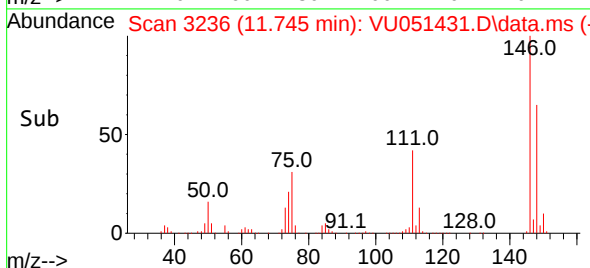
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/21/2022

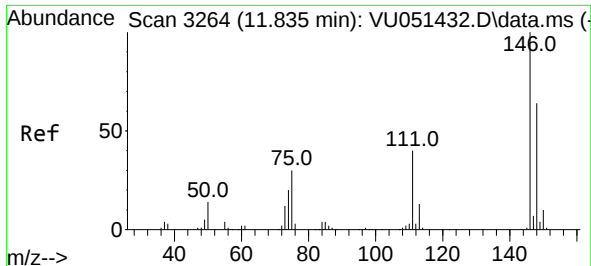


#82
1,3-Dichlorobenzene
Concen: 5.579 ug/l
RT: 11.745 min Scan# 3236
Delta R.T. 0.004 min
Lab File: VU051431.D
Acq: 17 Oct 2022 16:07



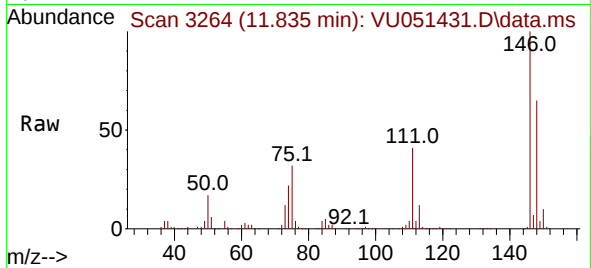
Tgt Ion:146 Resp: 195594
Ion Ratio Lower Upper
146 100
111 41.4 33.4 50.0
148 64.5 51.0 76.6





#83
1,4-Dichlorobenzene
Concen: 5.743 ug/l
RT: 11.835 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU051431.D
Acq: 17 Oct 2022 16:07

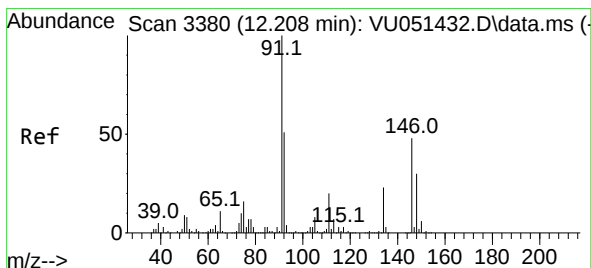
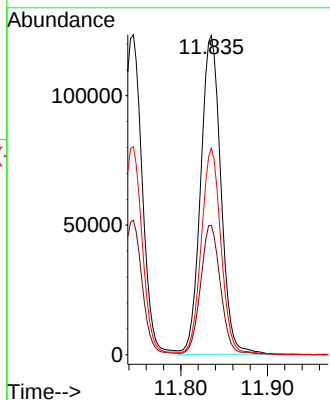
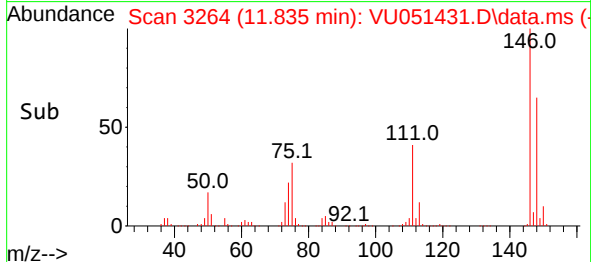
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005



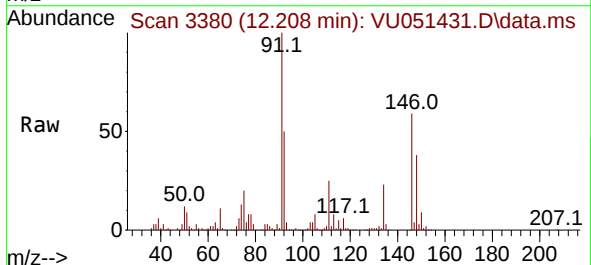
Tgt Ion:146 Resp: 19890
Ion Ratio Lower Upper
146 100
111 40.4 31.6 47.4
148 63.4 50.5 75.7

Manual Integrations
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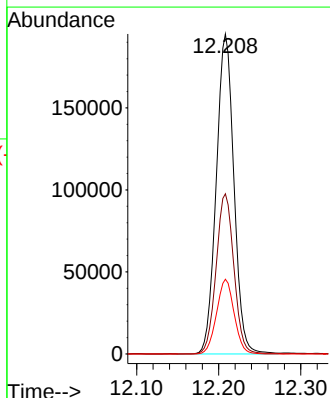
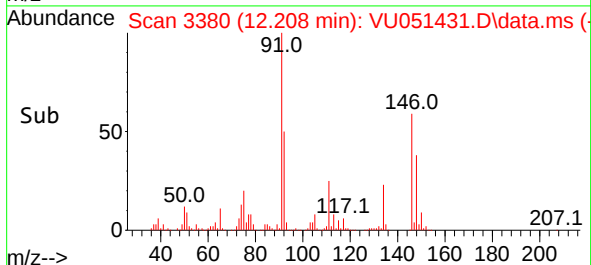
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/21/2022

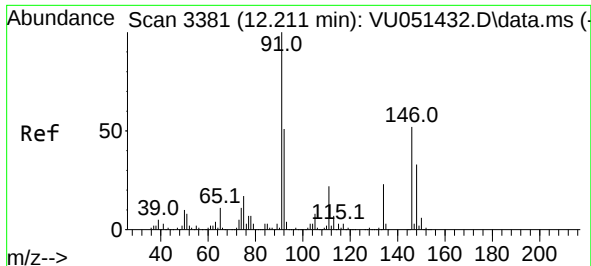


#84
n-Butylbenzene
Concen: 5.647 ug/l
RT: 12.208 min Scan# 3380
Delta R.T. 0.000 min
Lab File: VU051431.D
Acq: 17 Oct 2022 16:07



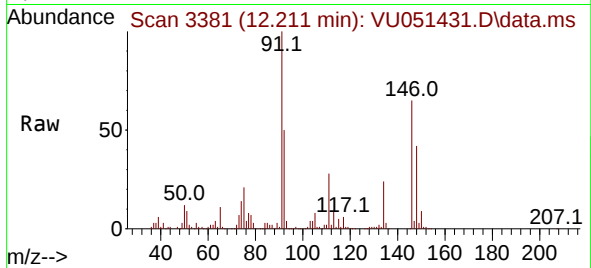
Tgt Ion: 91 Resp: 292404
Ion Ratio Lower Upper
91 100
92 50.4 40.6 61.0
134 23.3 18.3 27.5





#85
1,2-Dichlorobenzene
Concen: 5.498 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU051431.D
Acq: 17 Oct 2022 16:07

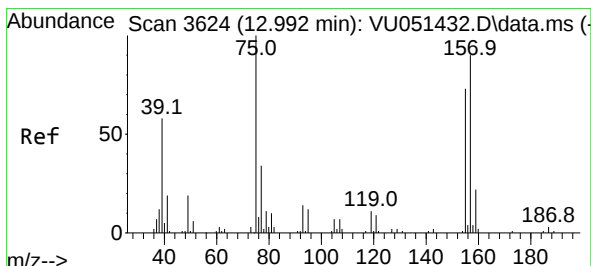
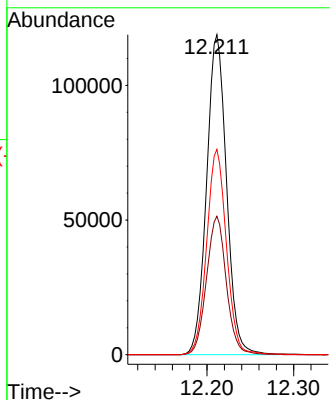
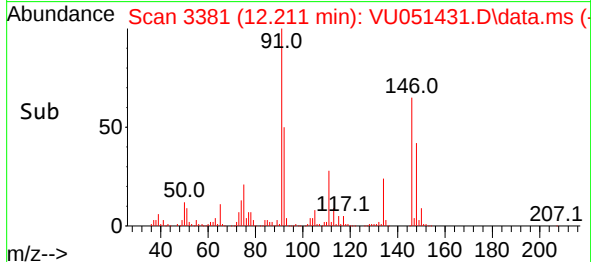
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



Tgt Ion:146 Resp: 190170
Ion Ratio Lower Upper
146 100
111 43.1 21.3 63.9
148 63.7 31.8 95.4

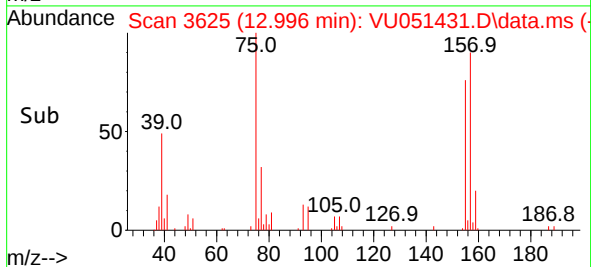
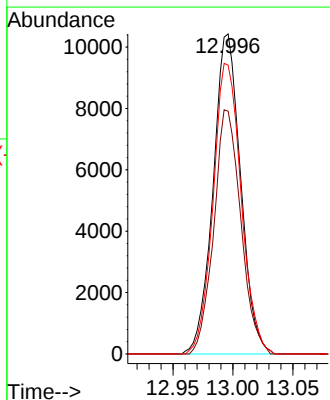
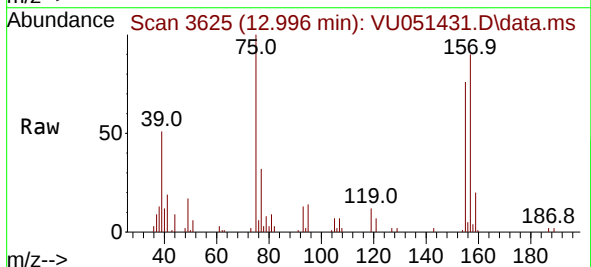
Manual Integrations
APPROVED

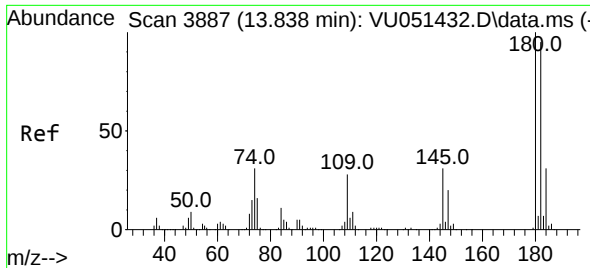
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/21/2022



#86
1,2-Dibromo-3-Chloropropane
Concen: 5.193 ug/l
RT: 12.996 min Scan# 3625
Delta R.T. 0.004 min
Lab File: VU051431.D
Acq: 17 Oct 2022 16:07

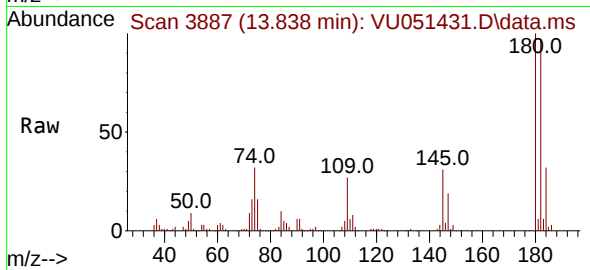
Tgt Ion: 75 Resp: 16616
Ion Ratio Lower Upper
75 100
155 74.9 58.5 87.7
157 92.5 75.3 112.9





#87
1,2,4-Trichlorobenzene
Concen: 5.076 ug/l
RT: 13.838 min Scan# 3887
Delta R.T. 0.000 min
Lab File: VU051431.D
Acq: 17 Oct 2022 16:07

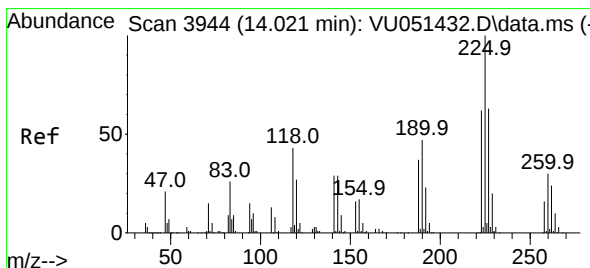
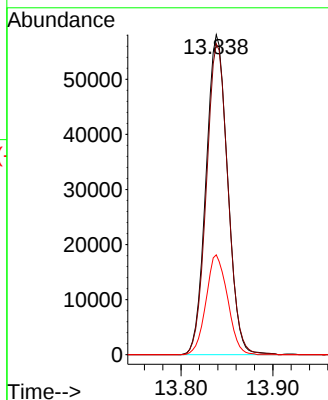
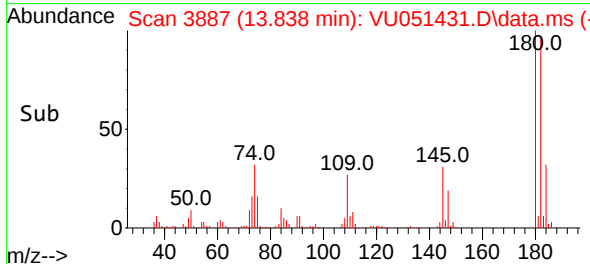
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



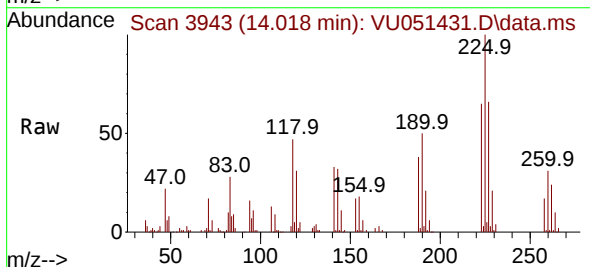
Tgt Ion:180 Resp: 95149
Ion Ratio Lower Upper
180 100
182 96.7 75.9 113.9
145 31.0 24.9 37.3

Manual Integrations
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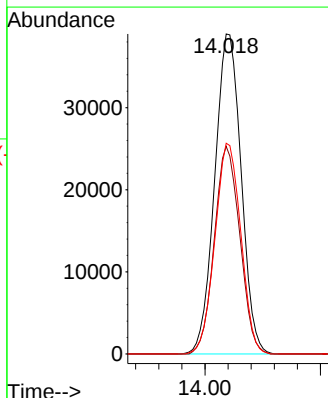
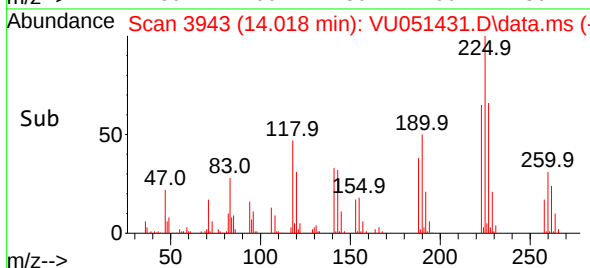
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/21/2022

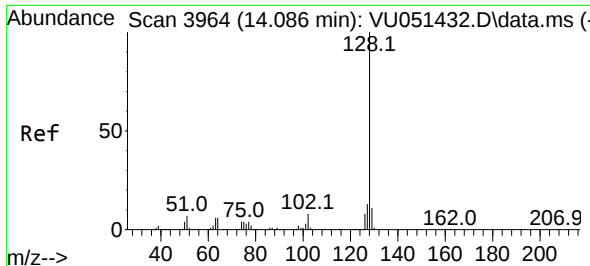


#88
Hexachlorobutadiene
Concen: 5.129 ug/l
RT: 14.018 min Scan# 3943
Delta R.T. -0.003 min
Lab File: VU051431.D
Acq: 17 Oct 2022 16:07



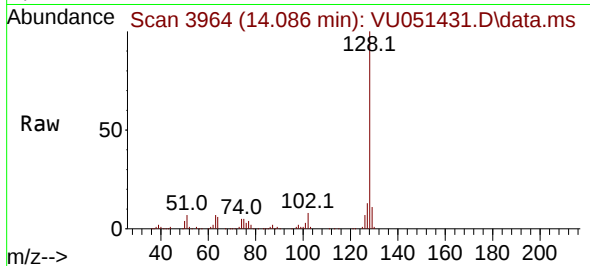
Tgt Ion:225 Resp: 61949
Ion Ratio Lower Upper
225 100
223 62.6 50.1 75.1
227 64.6 51.4 77.2





#89
Naphthalene
Concen: 5.621 ug/l
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU051431.D
Acq: 17 Oct 2022 16:07

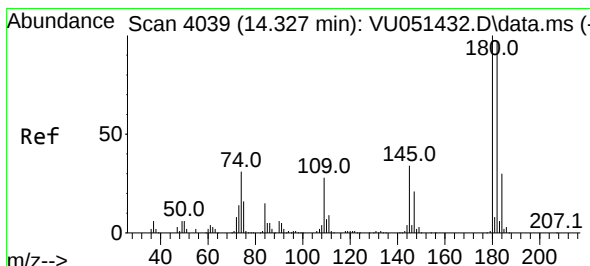
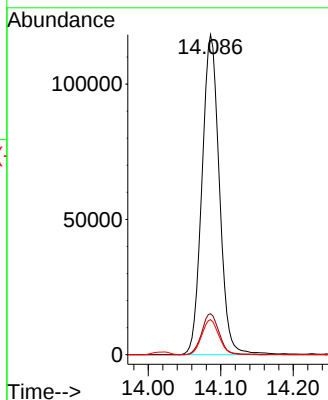
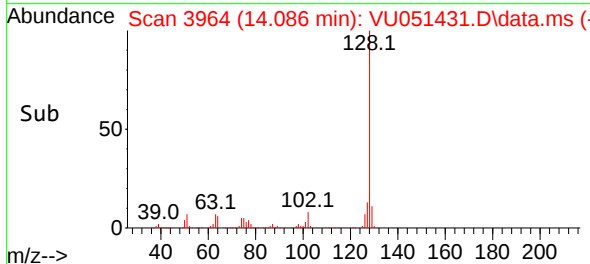
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



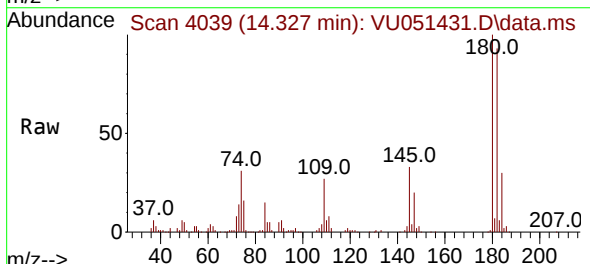
Tgt Ion:128 Resp: 196872
Ion Ratio Lower Upper
128 100
127 12.8 10.7 16.1
129 10.8 8.4 12.6

Manual Integrations
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Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/21/2022



#90
1,2,3-Trichlorobenzene
Concen: 5.273 ug/l
RT: 14.327 min Scan# 4039
Delta R.T. 0.000 min
Lab File: VU051431.D
Acq: 17 Oct 2022 16:07



Tgt Ion:180 Resp: 105853
Ion Ratio Lower Upper
180 100
182 93.7 75.8 113.6
145 32.6 26.6 39.8

