

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101922\
 Data File : VU051448.D
 Acq On : 19 Oct 2022 09:45
 Operator : JC/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/20/2022
 Supervised By :Mahesh Dadoda 10/20/2022

Quant Time: Oct 20 07:11:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101722DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Oct 18 04:53:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.115	96	60181	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	24540	1.162	ug/l	0.00
Spiked Amount 1.000			Recovery	=	116.000%	
68) 1,2-Dichlorobenzene-d4	12.192	152	23704	1.006	ug/l	0.00
Spiked Amount 1.000			Recovery	=	101.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	217101	10.331	ug/l	97
3) Chloromethane	1.533	50	282457	8.529	ug/l	99
4) Vinyl Chloride	1.604	62	272506	9.505	ug/l	97
5) Bromomethane	1.861	94	172114	10.768	ug/l	98
6) Chloroethane	1.935	64	170962	10.463	ug/l	99
7) Trichlorofluoromethane	2.141	101	326177	10.184	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	190229	10.765	ug/l	99
9) 1,1-Dichloroethene	2.581	96	188847	10.225	ug/l	97
10) Iodomethane	2.723	142	262690	10.976	ug/l	98
11) Allyl Chloride	2.922	41	274820	9.757	ug/l	98
12) Acrylonitrile	3.321	53	115357	21.226	ug/l	98
13) Acetone	2.642	43	210066	53.679	ug/l	99
14) Carbon Disulfide	2.793	76	672406	10.217	ug/l	100
15) Methylene Chloride	3.044	84	235089	10.516	ug/l	95
16) trans-1,2-Dichloroethene	3.350	96	213505	10.081	ug/l	97
17) 1,1-Dichloroethane	3.867	63	373169	9.801	ug/l	98
18) 2-Butanone	4.719	43	286562	60.346	ug/l	99
19) Cyclohexane	5.385	56	282065m	11.954	ug/l	
20) Methylcyclohexane	6.761	83	299410	10.236	ug/l	99
21) 2,2-Dichloropropane	4.665	77	274907	10.340	ug/l	99
22) cis-1,2-Dichloroethene	4.665	96	215627	10.761	ug/l	100
23) Diethyl Ether	2.379	59	160883	9.976	ug/l	98
24) tert-Butyl Alcohol	3.244	59	149576	88.444	ug/l #	85
25) Methyl tert-Butyl Ether	3.366	73	495754	10.320	ug/l	99
26) Bromochloromethane	4.973	128	101525	10.394	ug/l	98
27) Chloroform	5.089	83	387526	10.049	ug/l	99
28) 1,1,1-Trichloroethane	5.314	97	315379	10.246	ug/l	99
29) 1,1-Dichloropropene	5.523	75	268805	11.403	ug/l	99
30) Carbon Tetrachloride	5.523	117	270073	10.399	ug/l	95
31) Isopropyl Ether	3.999	45	481635	10.694	ug/l	99
32) Ethyl-t-butyl ether	4.507	59	454112	11.042	ug/l	99
33) Tert-Amyl methyl ether	5.944	73	426224	11.795	ug/l	100
34) Propionitrile	4.793	54	97962	61.362	ug/l	98
35) Benzene	5.774	78	842758	10.653	ug/l	99
36) 1,2-Dichloroethane	5.793	62	254192	10.415	ug/l	100
37) Trichloroethene	6.543	130	195095	10.507	ug/l	97
38) 1,2-Dichloropropane	6.793	63	226059	10.415	ug/l	100
39) Methacrylonitrile	4.980	41	62921	11.532	ug/l	97
40) Methyl acrylate	4.848	55	113278	13.019	ug/l	97
41) Tetrahydrofuran	5.067	42	66340	23.154	ug/l	98
42) 1-Chlorobutane	5.456	56	369400	11.481	ug/l	99
43) Dibromomethane	6.919	93	117303	10.415	ug/l	99
44) Bromodichloromethane	7.105	83	278144	10.204	ug/l	98

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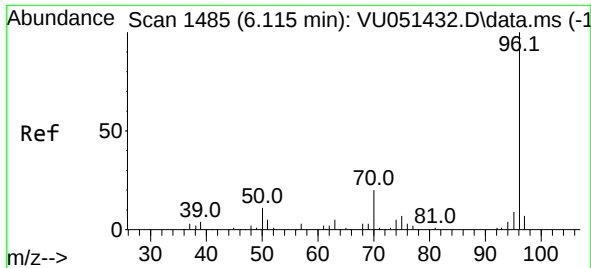
Manual Integrations
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 Supervised By :Mahesh Dadoda 10/20/2022

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.793	43	646425	60.289	ug/l	100
46) t-1,4-Dichloro-2-butene	10.832	75	122793m	20.520	ug/l	
47) Methyl methacrylate	6.964	69	215493	20.265	ug/l	99
48) Ethyl methacrylate	8.333	69	180401	9.841	ug/l	100
49) Toluene	7.967	92	508962	11.732	ug/l	99
50) t-1,3-Dichloropropene	8.211	75	250062	11.407	ug/l	99
51) cis-1,3-Dichloropropene	7.607	75	279546	10.817	ug/l	99
52) 1,1,2-Trichloroethane	8.401	97	168086	10.451	ug/l	98
53) 1,3-Dichloropropane	8.575	76	284013	10.957	ug/l	99
54) 2-Hexanone	8.687	43	470360	51.204	ug/l	99
55) Dibromochloromethane	8.809	129	188171	10.759	ug/l	99
56) 1,2-Dibromoethane	8.922	107	154252	10.908	ug/l	99
58) Tetrachloroethene	8.552	164	172789	10.679	ug/l	99
59) Chlorobenzene	9.446	112	522718	10.976	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.533	131	189820	10.402	ug/l	98
61) Pentachloroethane	11.423	117	169685	10.435	ug/l	100
62) Hexachloroethane	12.475	117	160786	10.412	ug/l	97
63) Ethyl Benzene	9.568	91	893477	10.004	ug/l	98
64) m/p-Xylenes	9.694	106	744773	20.483	ug/l	98
65) o-Xylene	10.099	106	340052	9.986	ug/l	96
66) Styrene	10.112	104	596982	10.134	ug/l	99
67) Bromoform	10.288	173	109400	11.145	ug/l	99
69) Isopropylbenzene	10.485	105	871601	10.097	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.780	83	227228	10.447	ug/l	99
71) 1,2,3-Trichloropropane	10.825	75	177299m	10.971	ug/l	
72) Bromobenzene	10.780	156	215380	11.372	ug/l	99
73) n-propylbenzene	10.906	120	255210	10.223	ug/l	99
74) 2-Chlorotoluene	10.983	126	223414	12.117	ug/l	99
75) 1,3,5-Trimethylbenzene	11.086	105	828693	10.342	ug/l	100
76) 4-Chlorotoluene	11.095	126	234697	10.387	ug/l	97
77) tert-Butylbenzene	11.420	119	747350	12.242	ug/l	99
78) 1,2,4-Trimethylbenzene	11.465	105	866618	10.311	ug/l	99
79) sec-Butylbenzene	11.642	105	1040579	10.373	ug/l	100
80) Nitrobenzene	13.205	77	50976	47.332	ug/l	98
81) p-Isopropyltoluene	11.793	119	869225	10.352	ug/l	99
82) 1,3-Dichlorobenzene	11.745	146	457592	11.247	ug/l	99
83) 1,4-Dichlorobenzene	11.835	146	468479	11.764	ug/l	100
84) n-Butylbenzene	12.208	91	824551	10.287	ug/l	99
85) 1,2-Dichlorobenzene	12.211	146	451391	11.259	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.996	75	35327	10.387	ug/l	97
87) 1,2,4-Trichlorobenzene	13.838	180	239434	11.026	ug/l	99
88) Hexachlorobutadiene	14.018	225	159875	11.292	ug/l	99
89) Naphthalene	14.086	128	474290	10.438	ug/l	100
90) 1,2,3-Trichlorobenzene	14.327	180	253169	10.657	ug/l	99

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



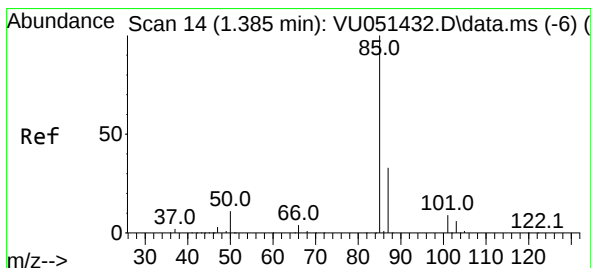
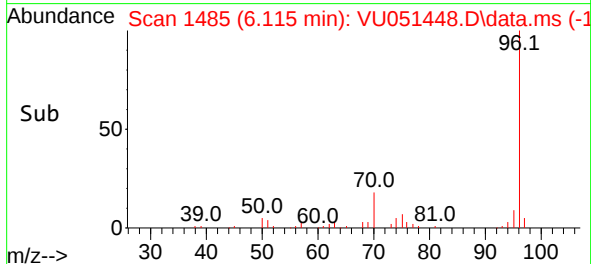
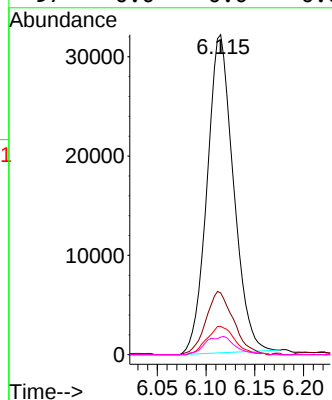
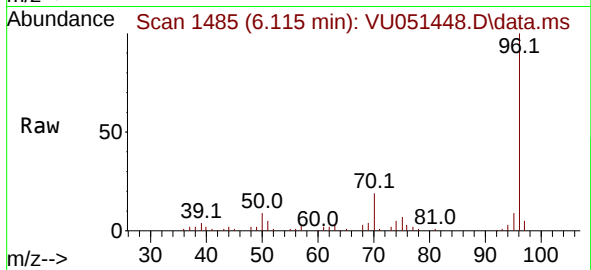
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Fluorobenzene
Concen: 1.000 ug/l
RT: 6.115 min Scan# 1485
Delta R.T. -0.000 min
Lab File: VU051448.D
Acq: 19 Oct 2022 09:45

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 96 Resp: 6018
Ion Ratio Lower Upper
96 100
70 20.8 16.7 25.1
95 9.5 7.5 11.3
97 0.0 0.0 0.0

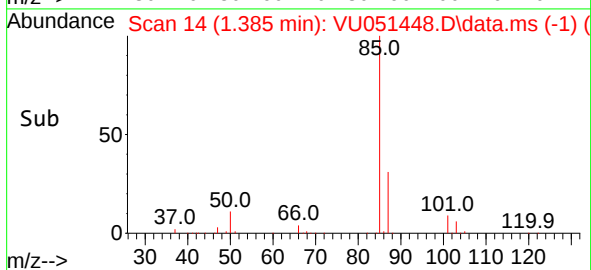
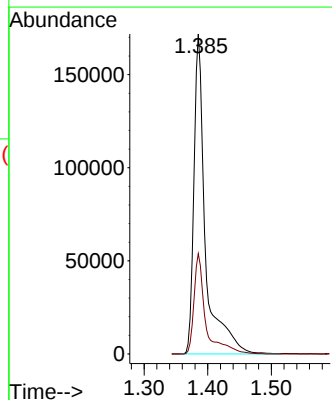
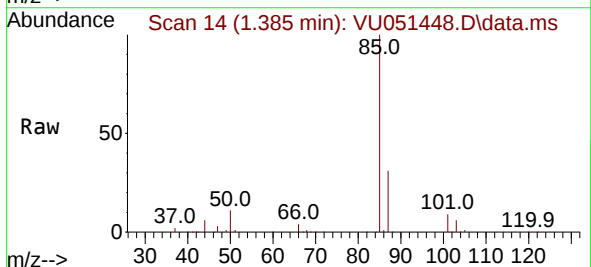
Manual Integrations
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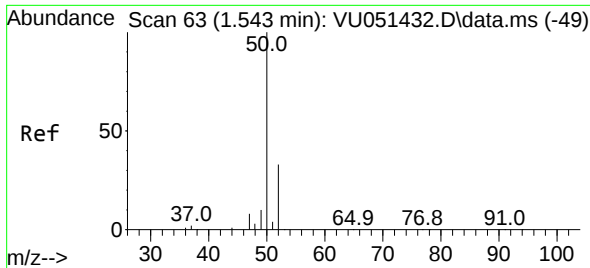
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#2
Dichlorodifluoromethane
Concen: 10.331 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU051448.D
Acq: 19 Oct 2022 09:45

Tgt Ion: 85 Resp: 217101
Ion Ratio Lower Upper
85 100
87 31.4 16.4 49.4





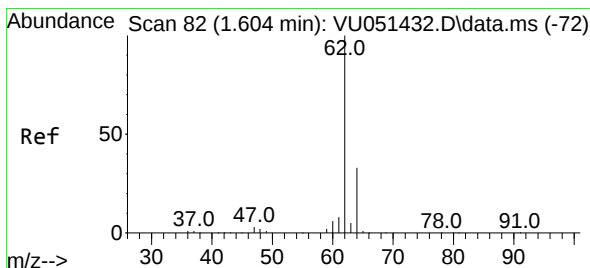
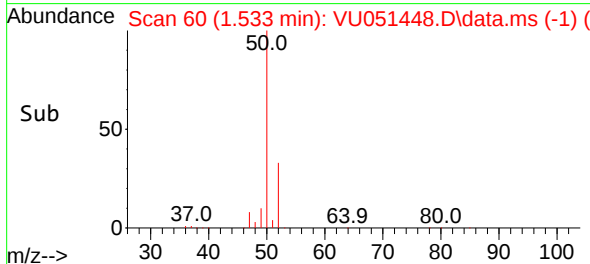
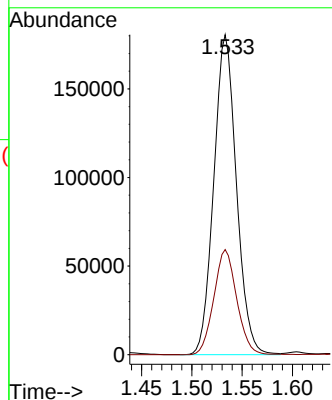
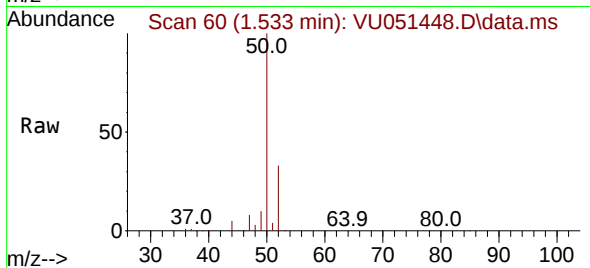
#3
Chloromethane
Concen: 8.529 ug/l
RT: 1.533 min Scan# 60
Delta R.T. -0.010 min
Lab File: VU051448.D
Acq: 19 Oct 2022 09:45

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 50 Resp: 28245
Ion Ratio Lower Upper
50 100
52 32.9 26.7 40.1

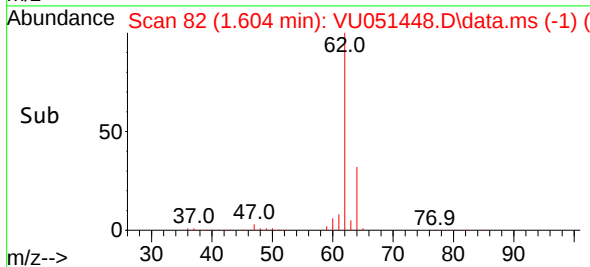
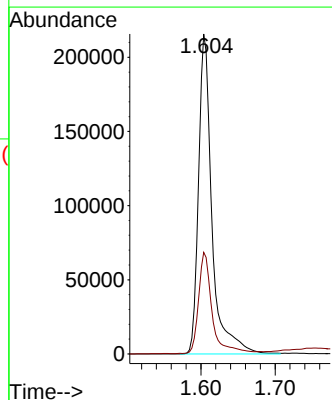
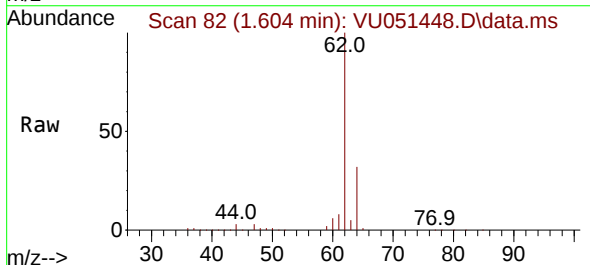
Manual Integrations
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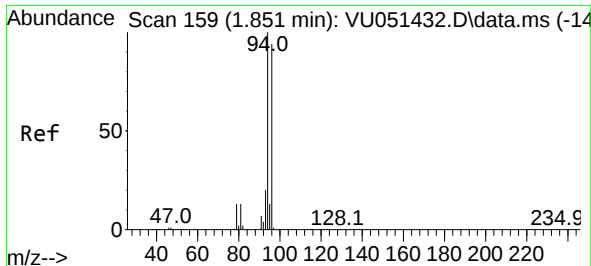
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#4
Vinyl Chloride
Concen: 9.505 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU051448.D
Acq: 19 Oct 2022 09:45

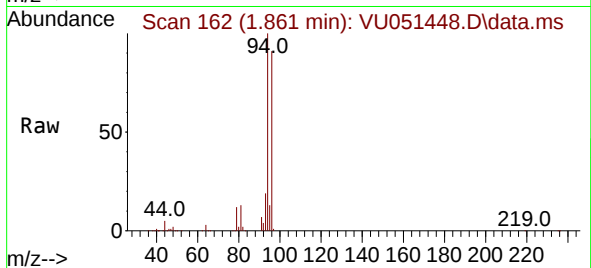
Tgt Ion: 62 Resp: 272506
Ion Ratio Lower Upper
62 100
64 31.6 26.7 40.1





#5
Bromomethane
Concen: 10.768 ug/l
RT: 1.861 min Scan# 10
Delta R.T. 0.010 min
Lab File: VU051448.D
Acq: 19 Oct 2022 09:45

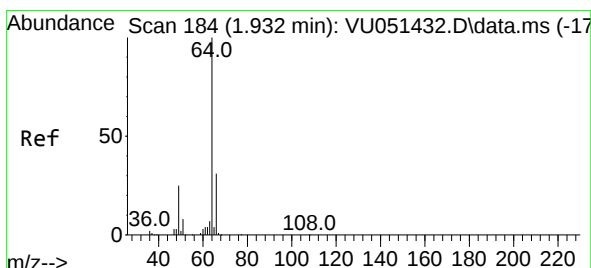
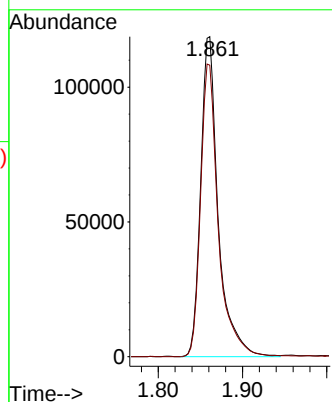
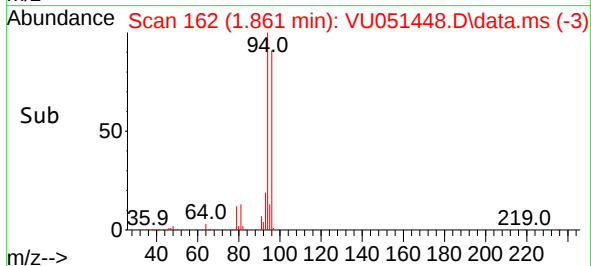
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 94 Resp: 172114
Ion Ratio Lower Upper
94 100
96 91.1 74.8 112.2

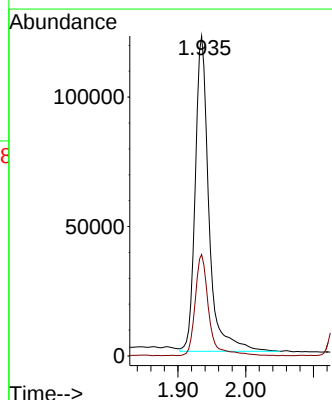
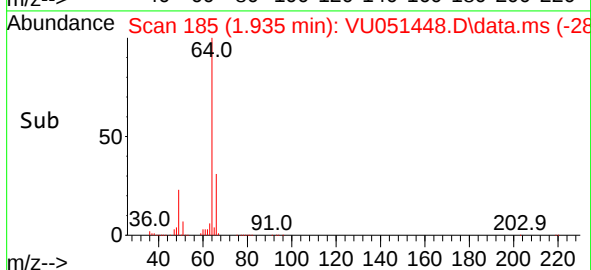
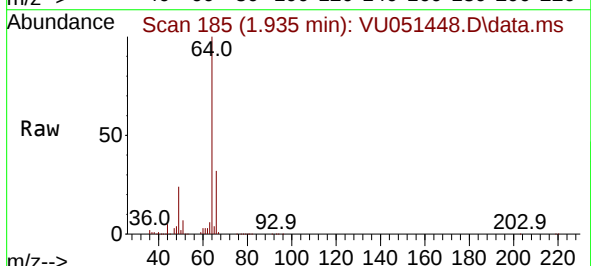
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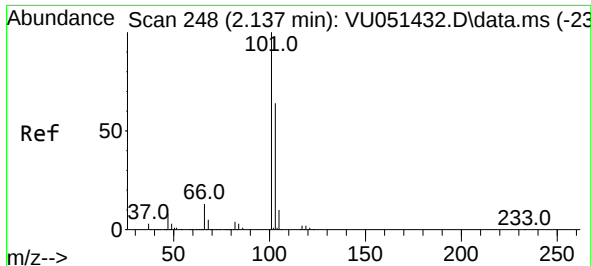
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#6
Chloroethane
Concen: 10.463 ug/l
RT: 1.935 min Scan# 185
Delta R.T. 0.003 min
Lab File: VU051448.D
Acq: 19 Oct 2022 09:45

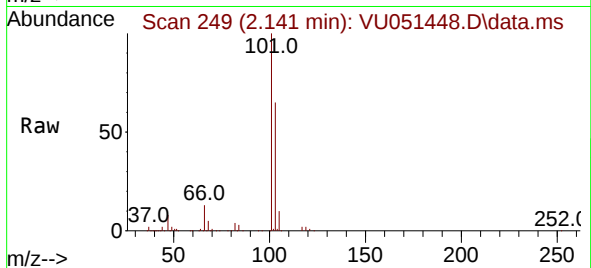
Tgt Ion: 64 Resp: 170962
Ion Ratio Lower Upper
64 100
66 32.1 25.2 37.8





#7
 Trichlorofluoromethane
 Concen: 10.184 ug/l
 RT: 2.141 min Scan# 248
 Delta R.T. 0.003 min
 Lab File: VU051448.D
 Acq: 19 Oct 2022 09:45

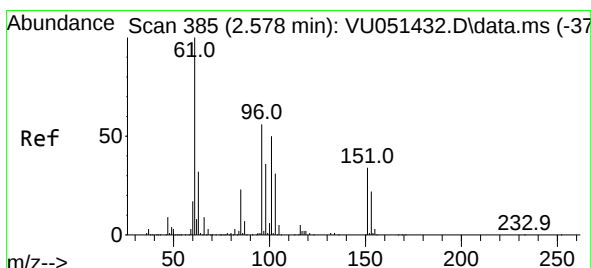
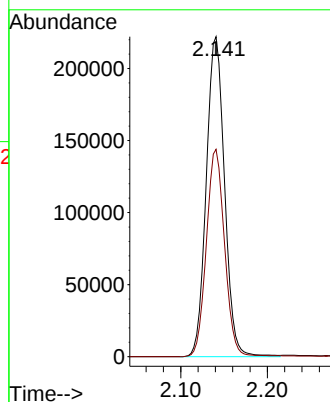
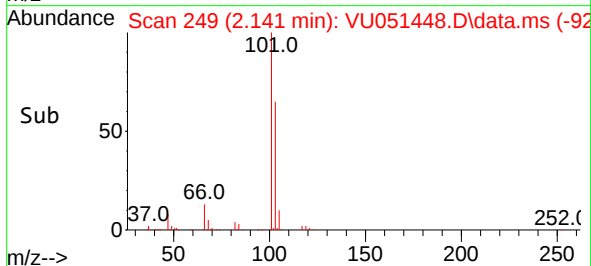
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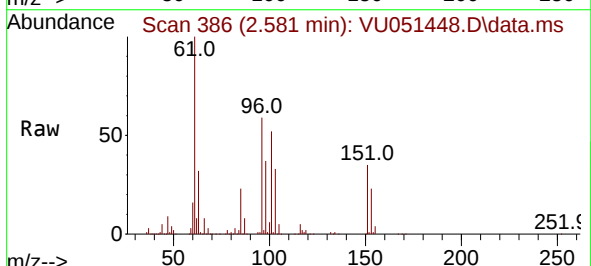
Tgt Ion:101 Resp: 32617
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.4 77.2

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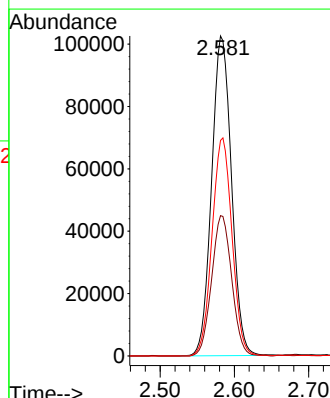
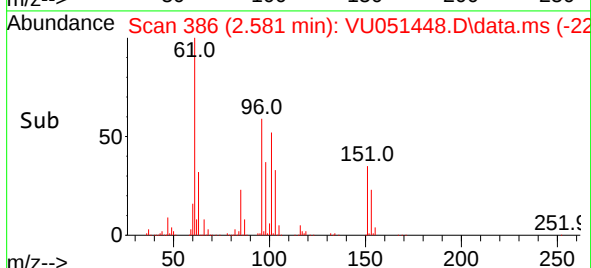
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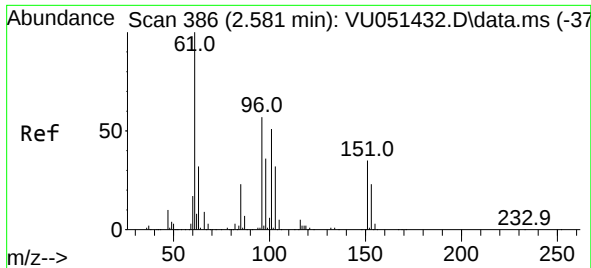


#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 10.765 ug/l
 RT: 2.581 min Scan# 386
 Delta R.T. 0.003 min
 Lab File: VU051448.D
 Acq: 19 Oct 2022 09:45



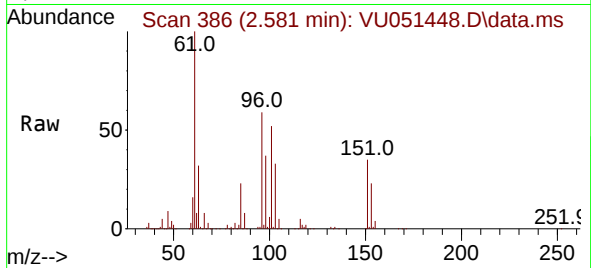
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 Ion Ratio Lower Upper
 101 100
 85 44.5 36.6 54.8
 151 68.3 54.6 81.8





#9
1,1-Dichloroethene
Concen: 10.225 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU051448.D
Acq: 19 Oct 2022 09:45

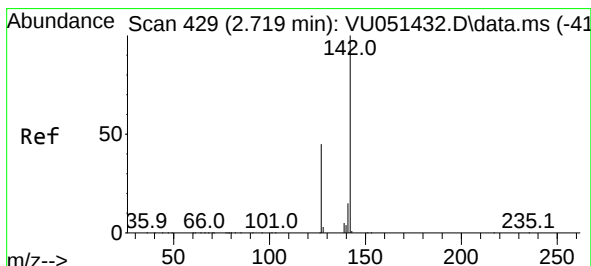
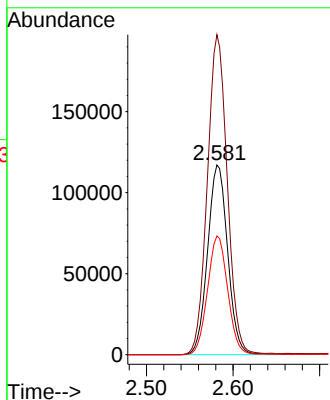
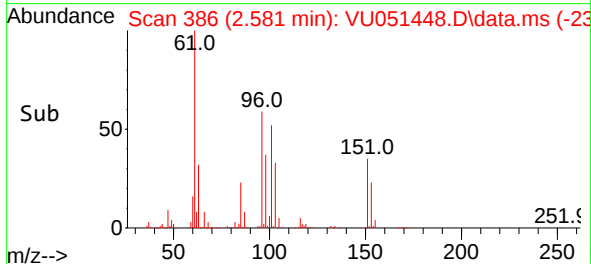
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MSVOA_U
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VSTDCCC010



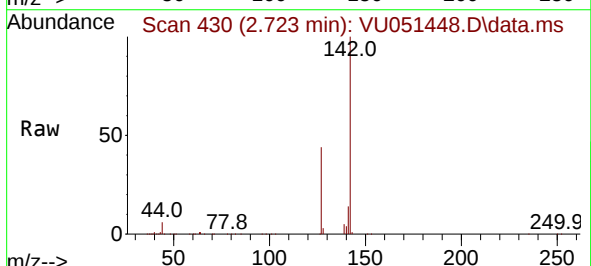
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Ion Ratio Lower Upper
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98 62.6 0.0 126.6

Manual Integrations
APPROVED

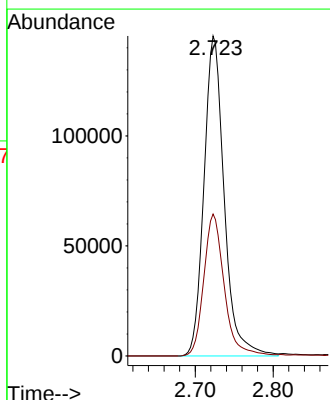
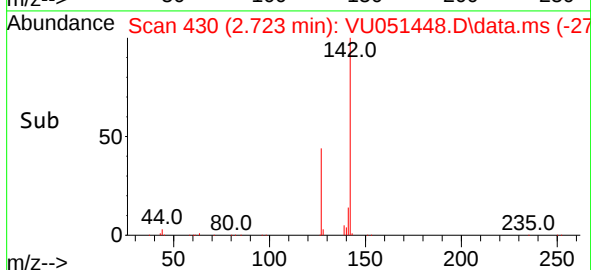
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

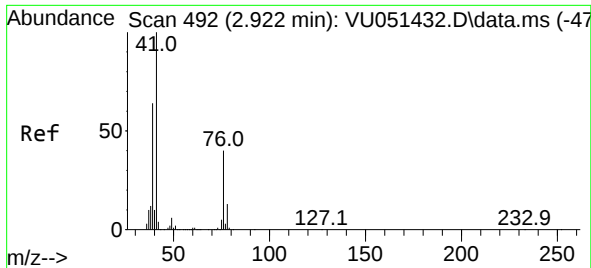


#10
Iodomethane
Concen: 10.976 ug/l
RT: 2.723 min Scan# 430
Delta R.T. 0.004 min
Lab File: VU051448.D
Acq: 19 Oct 2022 09:45



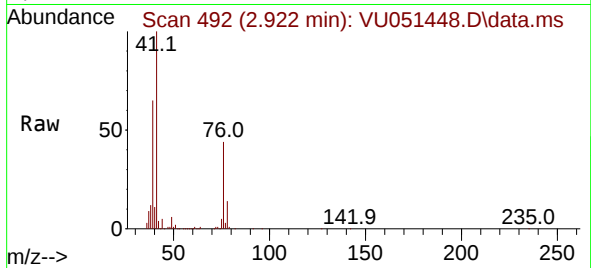
Tgt Ion:142 Resp: 262690
Ion Ratio Lower Upper
142 100
127 44.8 37.0 55.4





#11
 Allyl Chloride
 Concen: 9.757 ug/l
 RT: 2.922 min Scan# 492
 Delta R.T. 0.000 min
 Lab File: VU051448.D
 Acq: 19 Oct 2022 09:45

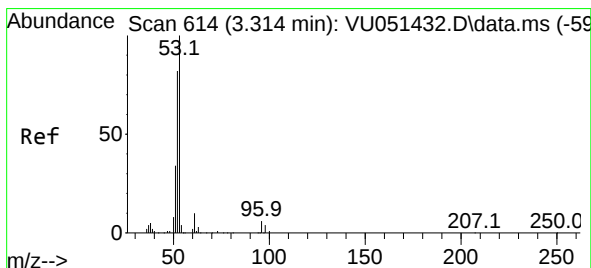
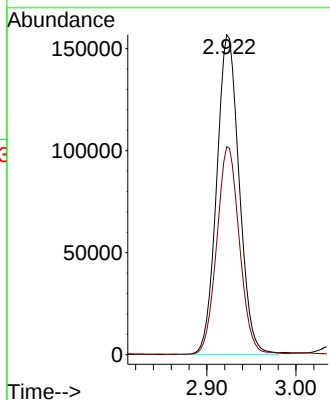
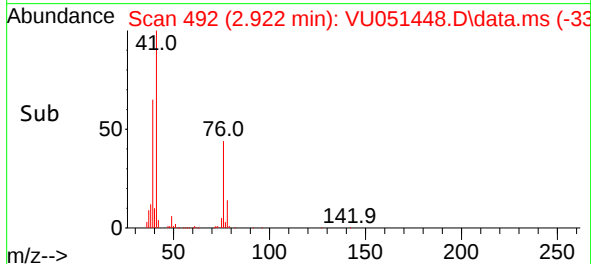
Instrument :
 MSVOA_U
 Client Sample Id :
 VSTDCCC010



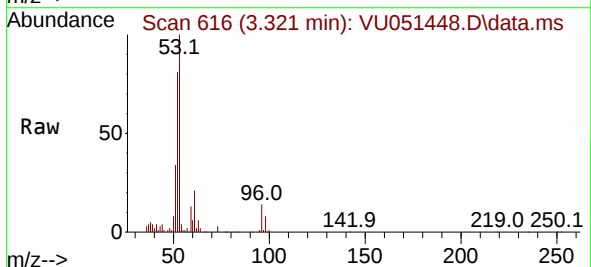
Tgt Ion: 41 Resp: 274820
 Ion Ratio Lower Upper
 41 100
 39 65.6 51.4 77.0

Manual Integrations
 APPROVED

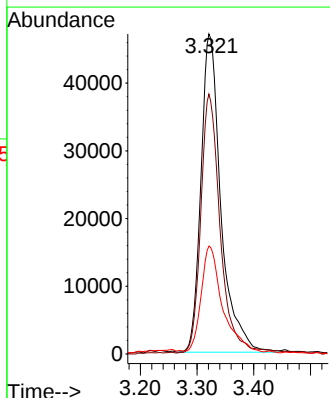
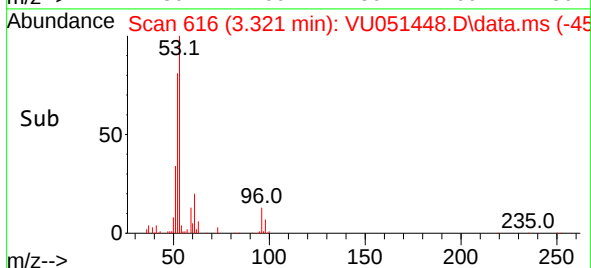
Reviewed By :Krupa Patel 10/20/2022
 Supervised By :Mahesh Dadoda 10/20/2022

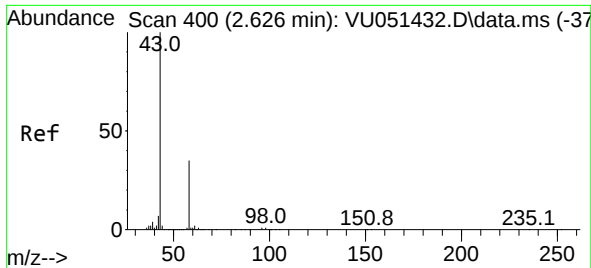


#12
 Acrylonitrile
 Concen: 21.226 ug/l
 RT: 3.321 min Scan# 616
 Delta R.T. 0.007 min
 Lab File: VU051448.D
 Acq: 19 Oct 2022 09:45



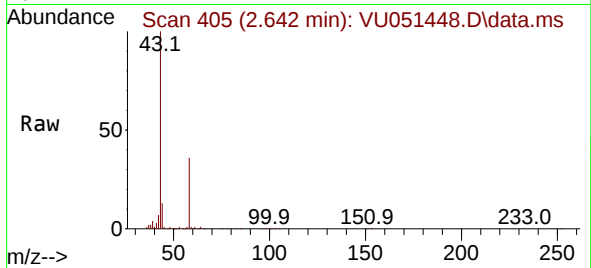
Tgt Ion: 53 Resp: 115357
 Ion Ratio Lower Upper
 53 100
 52 78.7 63.9 95.9
 51 35.2 25.9 38.9





#13
Acetone
Concen: 53.679 ug/l
RT: 2.642 min Scan# 400
Delta R.T. 0.016 min
Lab File: VU051448.D
Acq: 19 Oct 2022 09:45

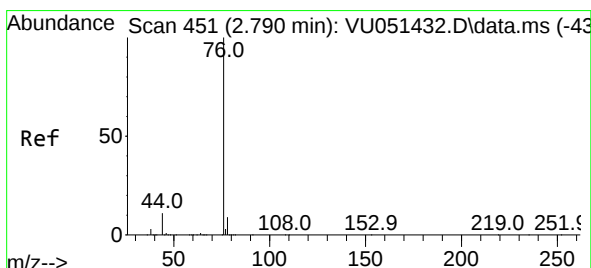
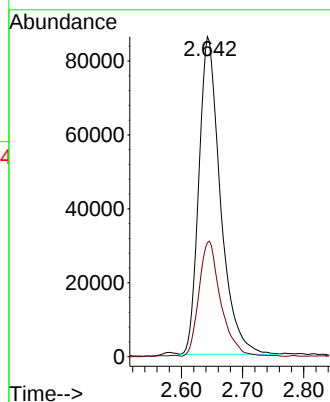
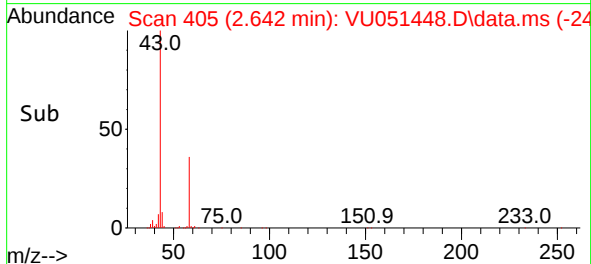
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



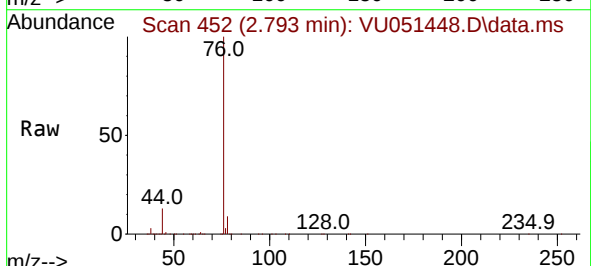
Tgt Ion: 43 Resp: 210060
Ion Ratio Lower Upper
43 100
58 35.7 27.9 41.9

Manual Integrations
APPROVED

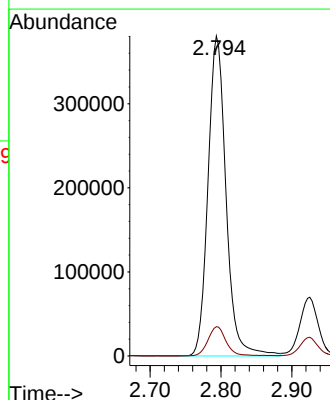
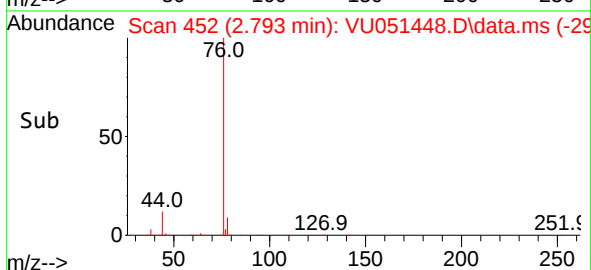
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

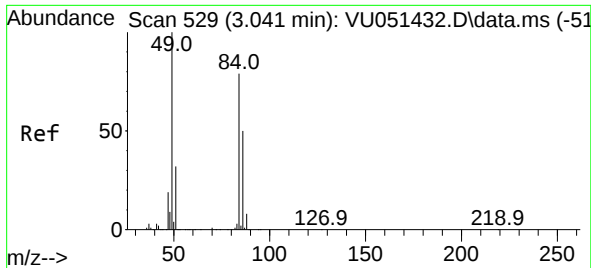


#14
Carbon Disulfide
Concen: 10.217 ug/l
RT: 2.793 min Scan# 452
Delta R.T. 0.003 min
Lab File: VU051448.D
Acq: 19 Oct 2022 09:45



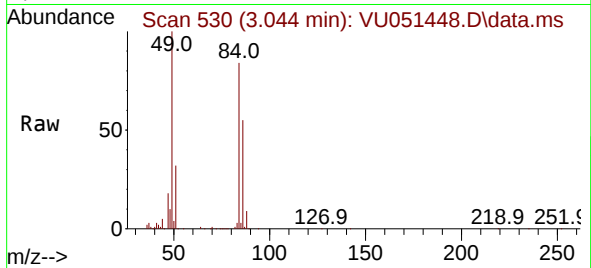
Tgt Ion: 76 Resp: 672406
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8





#15
Methylene Chloride
Concen: 10.516 ug/l
RT: 3.044 min Scan# 511
Delta R.T. 0.003 min
Lab File: VU051448.D
Acq: 19 Oct 2022 09:45

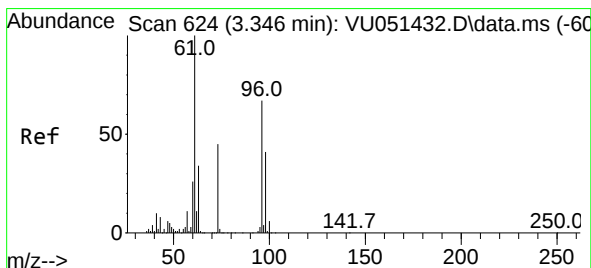
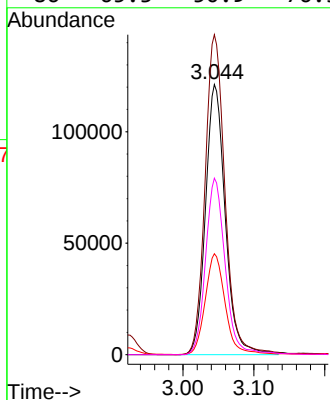
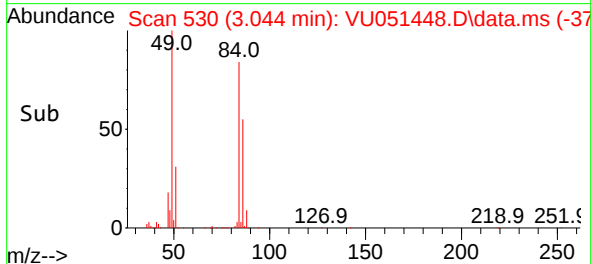
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



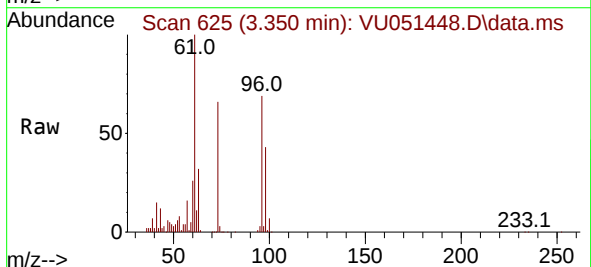
Tgt Ion: 84 Resp: 235089
Ion Ratio Lower Upper
84 100
49 118.4 101.1 151.7
51 37.3 0.0 80.2
86 65.3 50.9 76.3

Manual Integrations
APPROVED

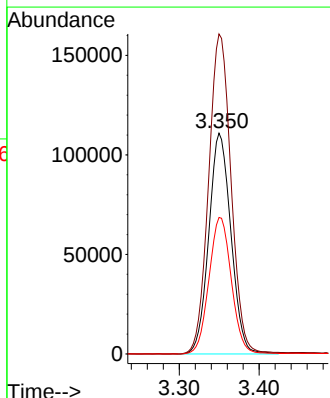
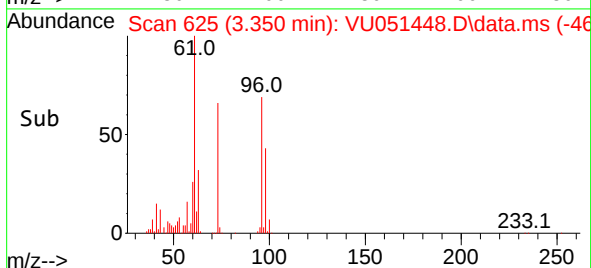
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

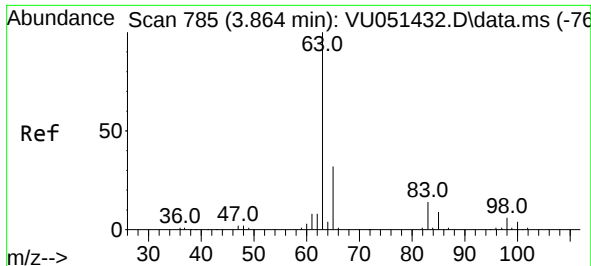


#16
trans-1,2-Dichloroethene
Concen: 10.081 ug/l
RT: 3.350 min Scan# 625
Delta R.T. 0.003 min
Lab File: VU051448.D
Acq: 19 Oct 2022 09:45



Tgt Ion: 96 Resp: 213505
Ion Ratio Lower Upper
96 100
61 144.9 119.9 179.9
98 61.8 49.5 74.3





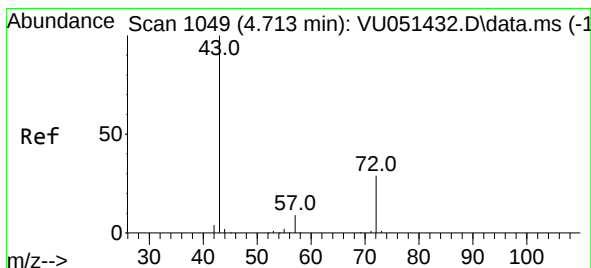
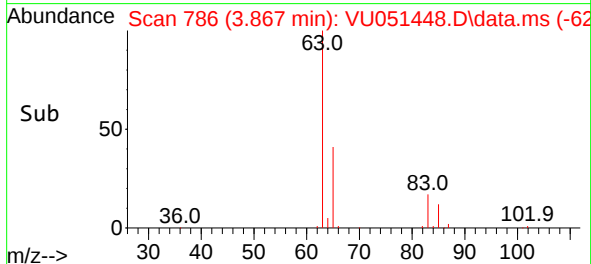
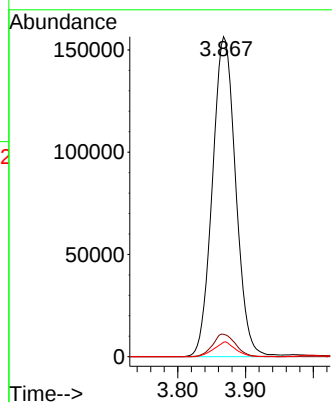
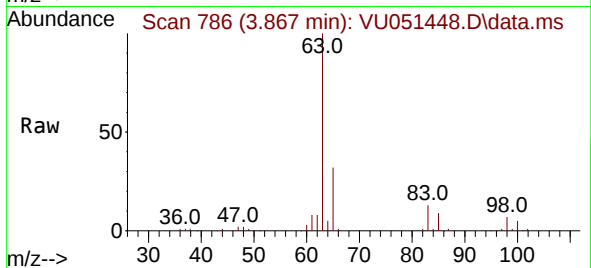
#17
1,1-Dichloroethane
Concen: 9.801 ug/l
RT: 3.867 min Scan# 785
Delta R.T. 0.003 min
Lab File: VU051448.D
Acq: 19 Oct 2022 09:45

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 63 Resp: 373169
Ion Ratio Lower Upper
63 100
98 7.0 3.1 9.3
100 4.5 2.1 6.3

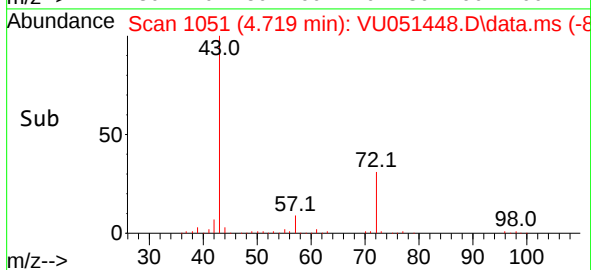
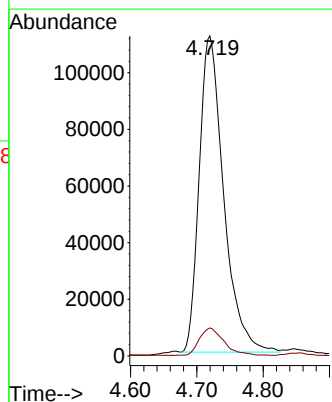
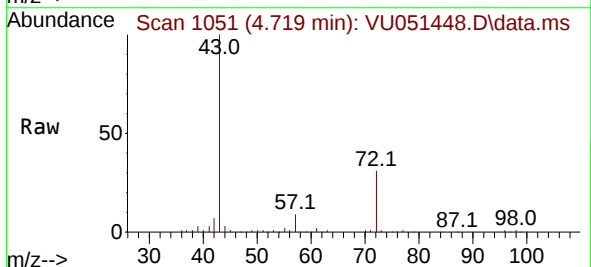
Manual Integrations
APPROVED

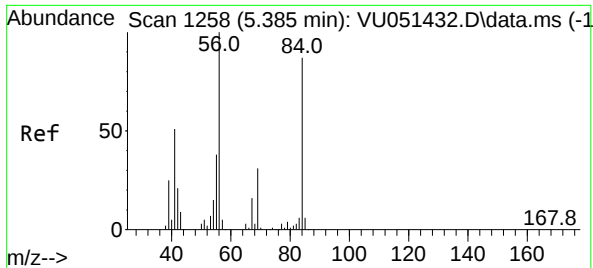
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#18
2-Butanone
Concen: 60.346 ug/l
RT: 4.719 min Scan# 1051
Delta R.T. 0.007 min
Lab File: VU051448.D
Acq: 19 Oct 2022 09:45

Tgt Ion: 43 Resp: 286562
Ion Ratio Lower Upper
43 100
57 8.6 0.0 18.2





#19

Cyclohexane

Concen: 11.954 ug/l m

RT: 5.385 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VU051448.D

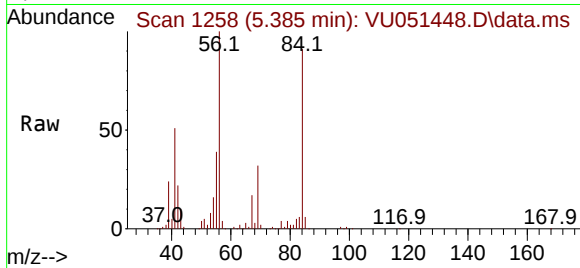
Acq: 19 Oct 2022 09:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010



Tgt Ion: 56 Resp: 28206

Ion Ratio Lower Upper

56 100

69 31.3 25.0 37.4

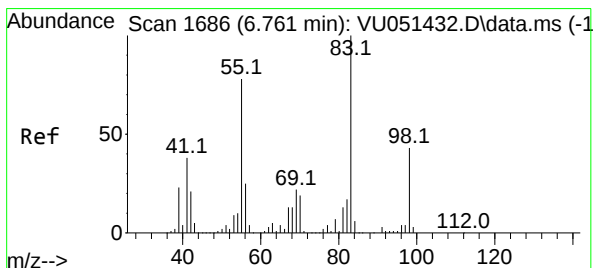
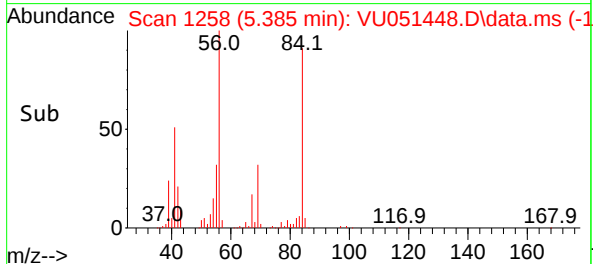
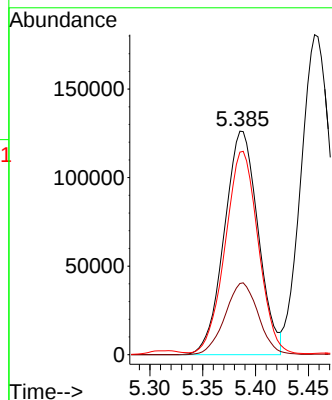
84 87.3 68.5 102.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#20

Methylcyclohexane

Concen: 10.236 ug/l

RT: 6.761 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VU051448.D

Acq: 19 Oct 2022 09:45

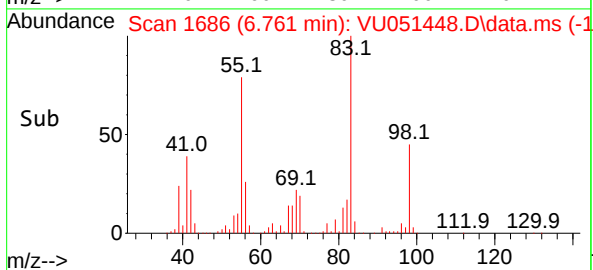
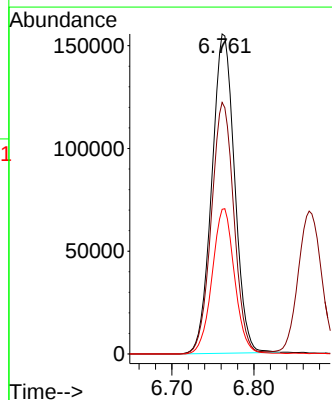
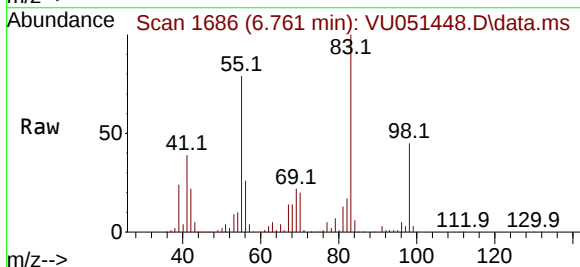
Tgt Ion: 83 Resp: 299410

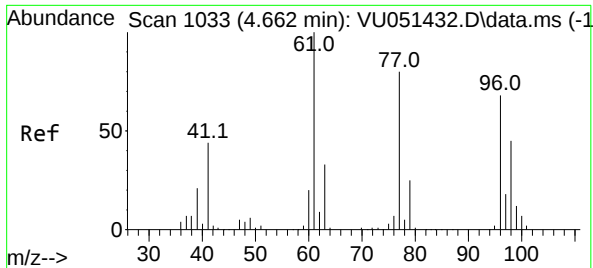
Ion Ratio Lower Upper

83 100

55 77.3 62.4 93.6

98 44.7 35.5 53.3





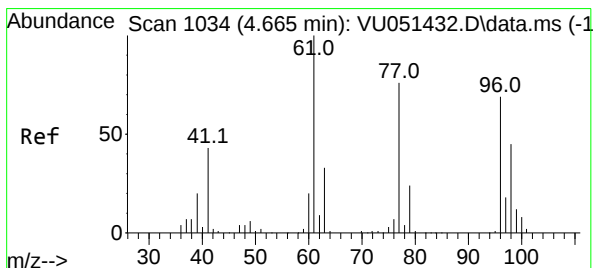
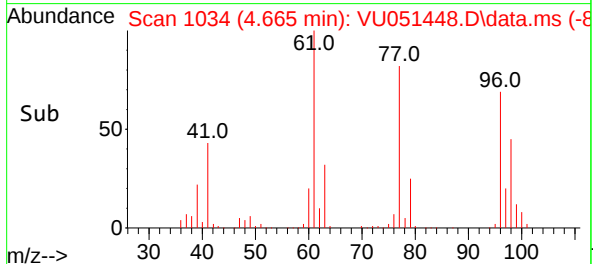
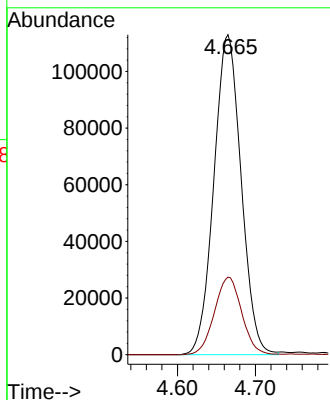
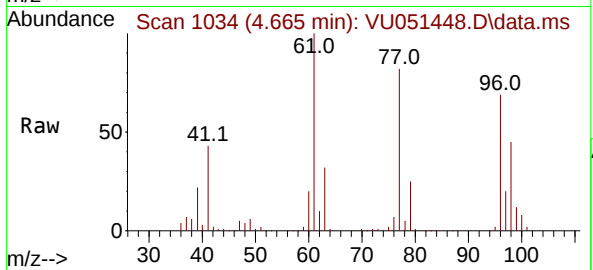
#21
2,2-Dichloropropane
Concen: 10.340 ug/l
RT: 4.665 min Scan# 1034
Delta R.T. 0.003 min
Lab File: VU051448.D
Acq: 19 Oct 2022 09:45

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 77 Resp: 27490
Ion Ratio Lower Upper
77 100
97 24.3 19.0 28.6

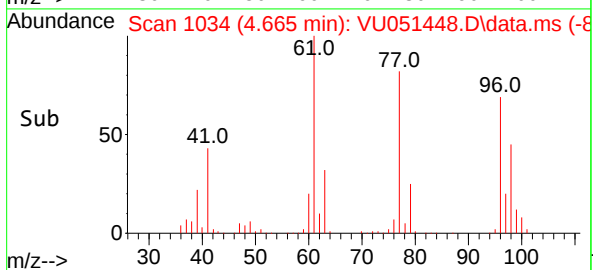
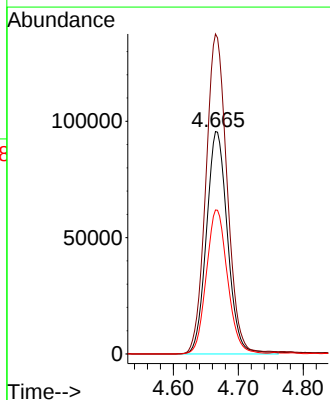
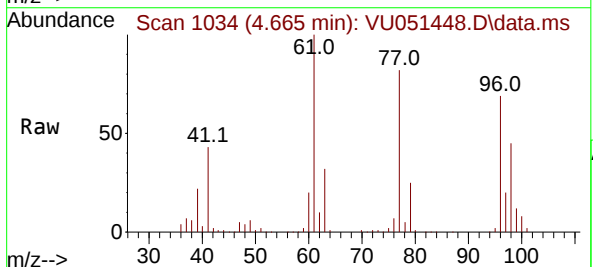
Manual Integrations
APPROVED

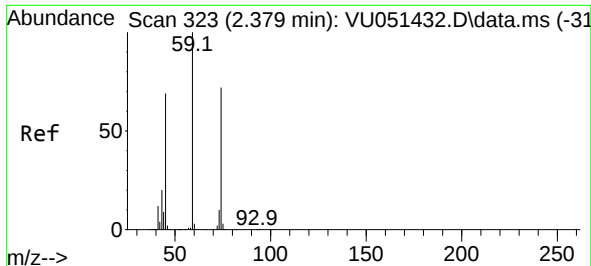
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#22
cis-1,2-Dichloroethene
Concen: 10.761 ug/l
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU051448.D
Acq: 19 Oct 2022 09:45

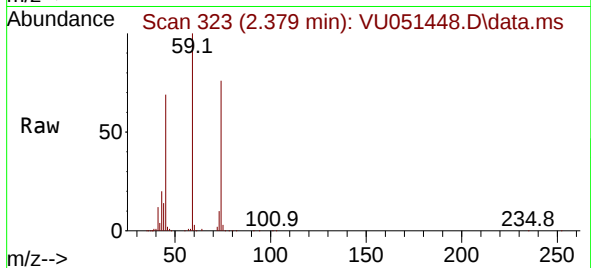
Tgt Ion: 96 Resp: 215627
Ion Ratio Lower Upper
96 100
61 144.6 0.0 362.8
98 65.3 32.5 97.5





#23
Diethyl Ether
Concen: 9.976 ug/l
RT: 2.379 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU051448.D
Acq: 19 Oct 2022 09:45

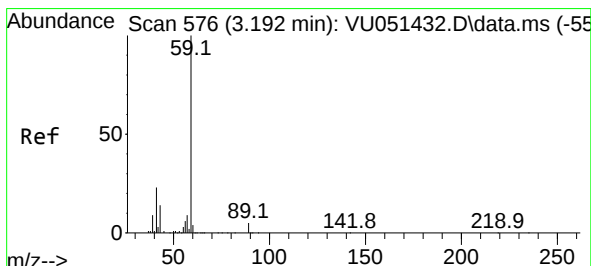
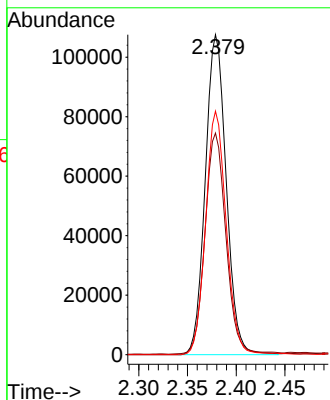
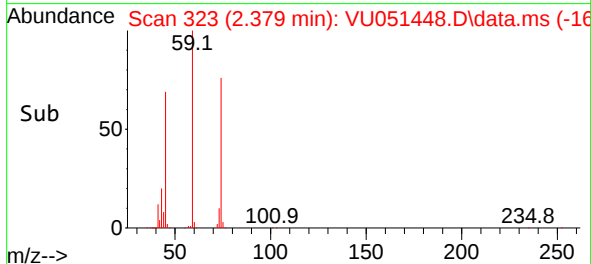
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



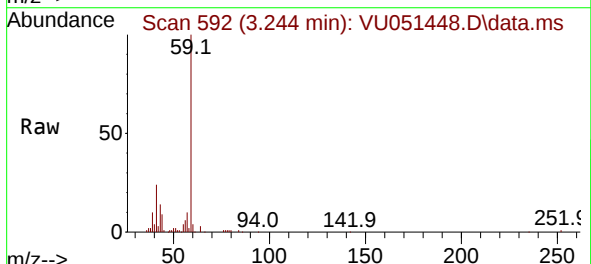
Tgt Ion: 59 Resp: 16088
Ion Ratio Lower Upper
59 100
45 68.9 55.7 83.5
74 75.1 58.2 87.4

Manual Integrations
APPROVED

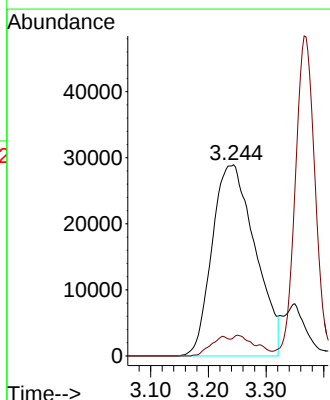
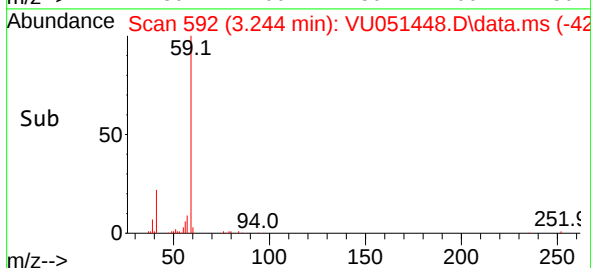
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

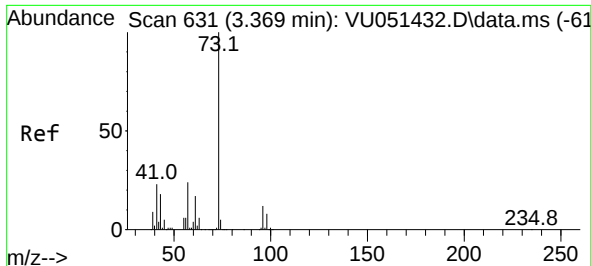


#24
tert-Butyl Alcohol
Concen: 88.444 ug/l
RT: 3.244 min Scan# 592
Delta R.T. 0.052 min
Lab File: VU051448.D
Acq: 19 Oct 2022 09:45



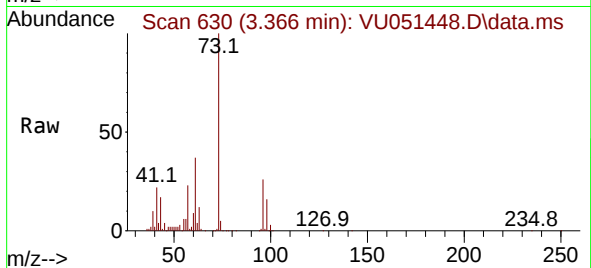
Tgt Ion: 59 Resp: 149576
Ion Ratio Lower Upper
59 100
57 4.4 7.8 11.8#





#25
Methyl tert-Butyl Ether
Concen: 10.320 ug/l
RT: 3.366 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU051448.D
Acq: 19 Oct 2022 09:45

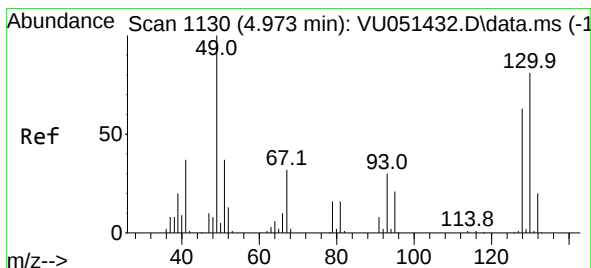
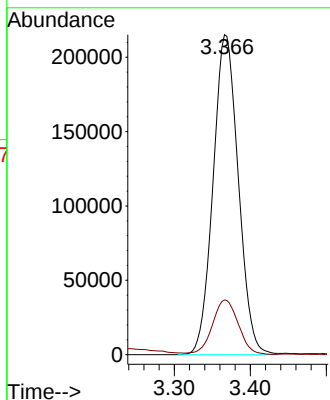
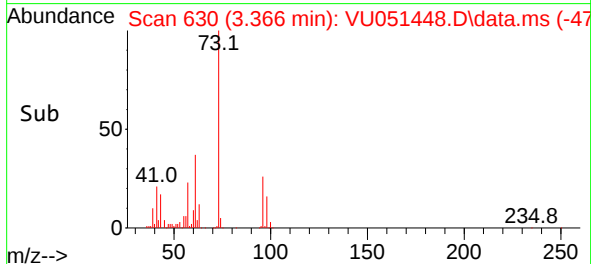
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



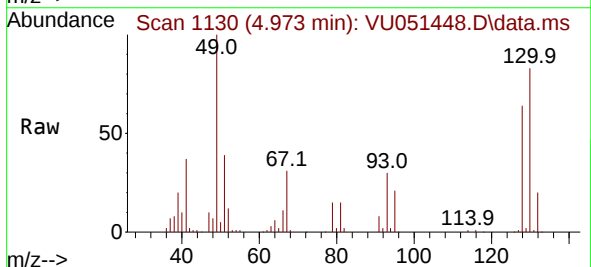
Tgt Ion: 73 Resp: 495754
Ion Ratio Lower Upper
73 100
43 17.4 14.2 21.4

Manual Integrations
APPROVED

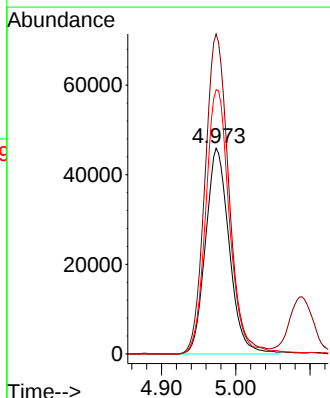
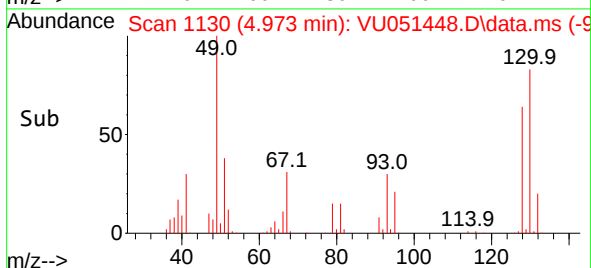
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

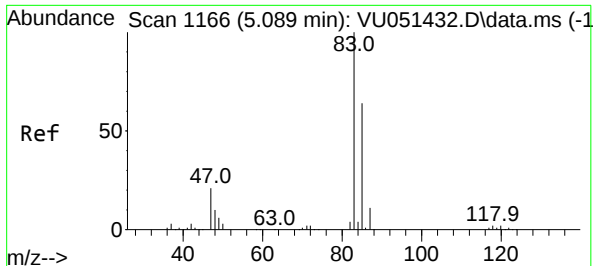


#26
Bromochloromethane
Concen: 10.394 ug/l
RT: 4.973 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VU051448.D
Acq: 19 Oct 2022 09:45



Tgt Ion:128 Resp: 101525
Ion Ratio Lower Upper
128 100
49 156.2 0.0 320.4
130 129.7 105.0 157.6





#27

Chloroform

Concen: 10.049 ug/l

RT: 5.089 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU051448.D

Acq: 19 Oct 2022 09:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 387520

Ion Ratio Lower Upper

83 100

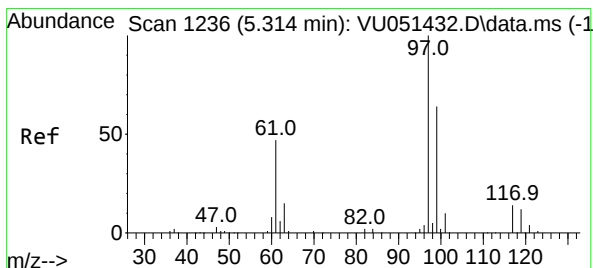
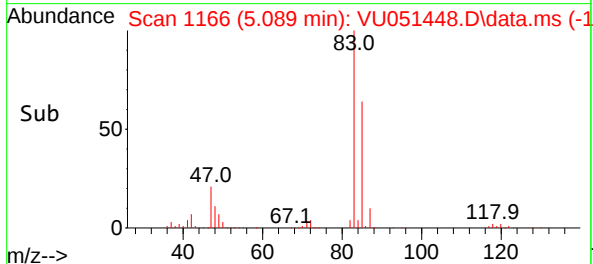
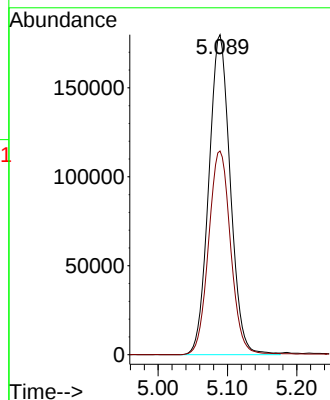
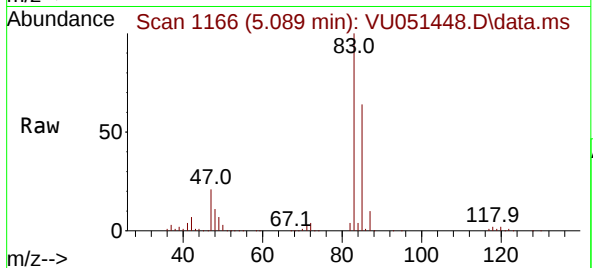
85 63.6 0.0 128.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#28

1,1,1-Trichloroethane

Concen: 10.246 ug/l

RT: 5.314 min Scan# 1236

Delta R.T. 0.000 min

Lab File: VU051448.D

Acq: 19 Oct 2022 09:45

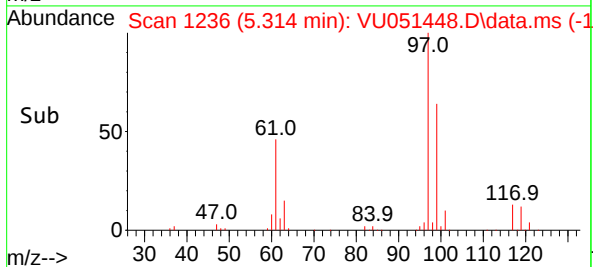
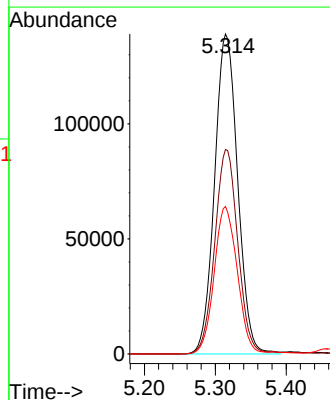
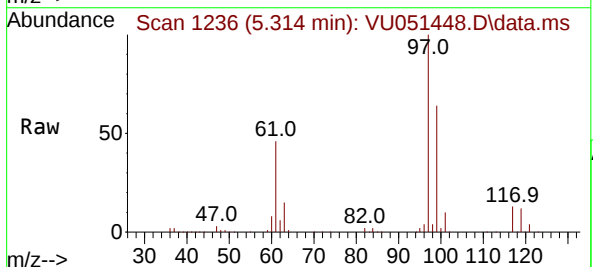
Tgt Ion: 97 Resp: 315379

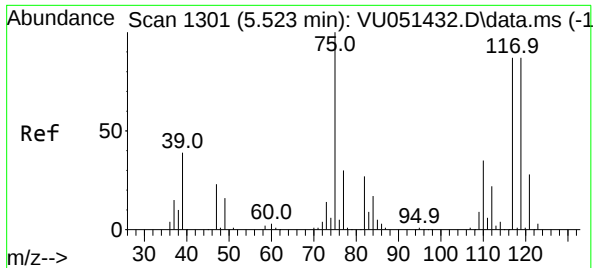
Ion Ratio Lower Upper

97 100

99 64.1 31.8 95.4

61 46.1 23.6 71.0





#29
1,1-Dichloropropene
Concen: 11.403 ug/l
RT: 5.523 min Scan# 1301
Delta R.T. 0.000 min
Lab File: VU051448.D
Acq: 19 Oct 2022 09:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

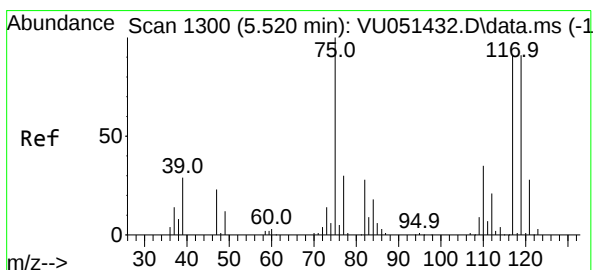
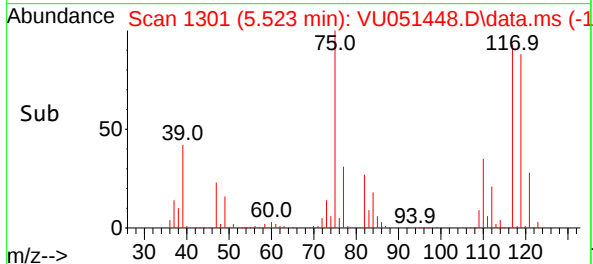
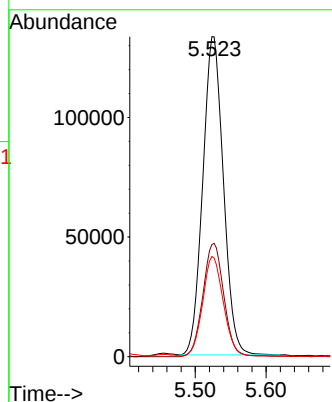
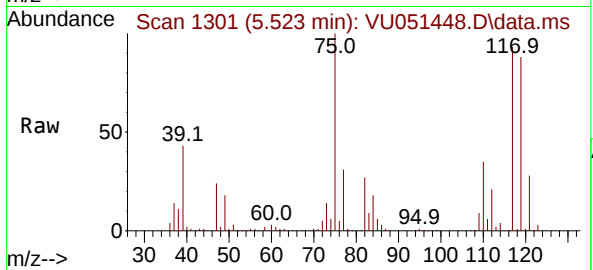
Tgt Ion: 75 Resp: 26880
Ion Ratio Lower Upper
75 100
110 36.0 17.8 53.3
77 31.0 24.2 36.4

Manual Integrations

APPROVED

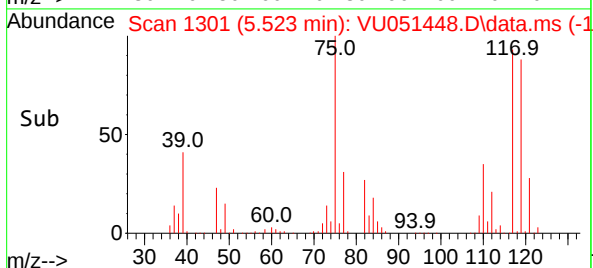
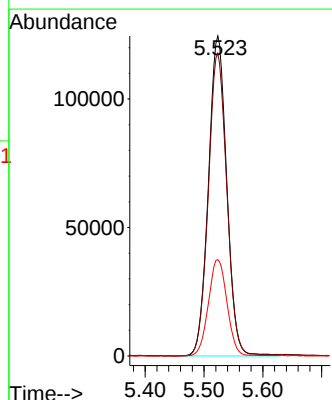
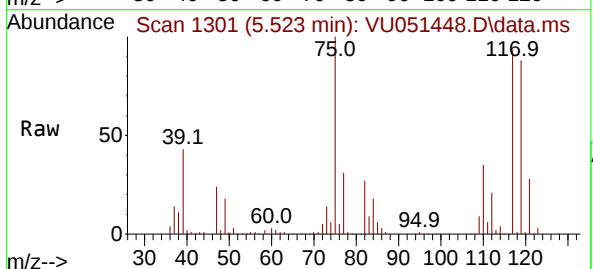
Reviewed By :Krupa Patel 10/20/2022

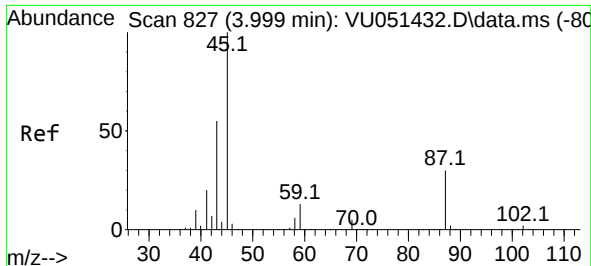
Supervised By :Mahesh Dadoda 10/20/2022



#30
Carbon Tetrachloride
Concen: 10.399 ug/l
RT: 5.523 min Scan# 1301
Delta R.T. 0.003 min
Lab File: VU051448.D
Acq: 19 Oct 2022 09:45

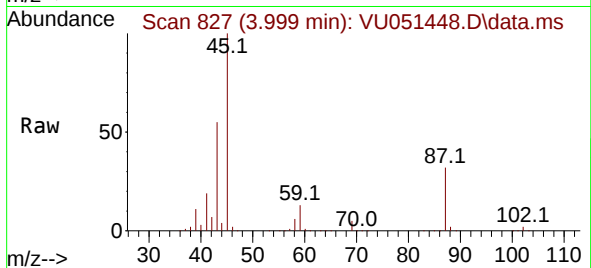
Tgt Ion:117 Resp: 270073
Ion Ratio Lower Upper
117 100
119 94.5 80.0 120.0
121 30.1 24.9 37.3





#31
Isopropyl Ether
Concen: 10.694 ug/l
RT: 3.999 min Scan# 81
Delta R.T. 0.000 min
Lab File: VU051448.D
Acq: 19 Oct 2022 09:45

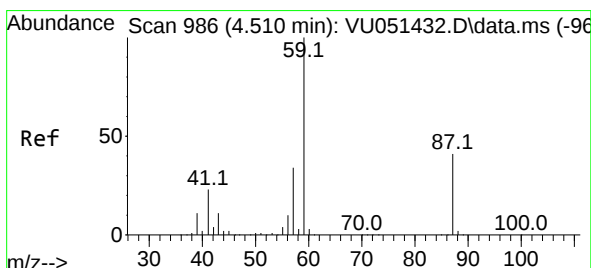
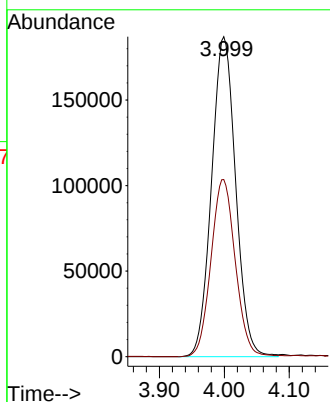
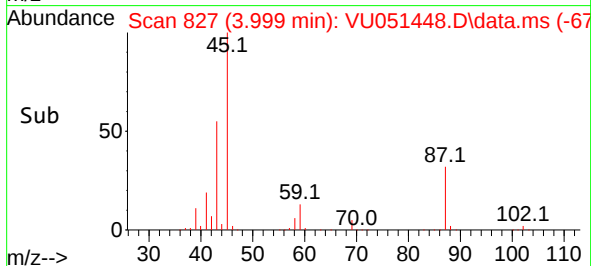
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



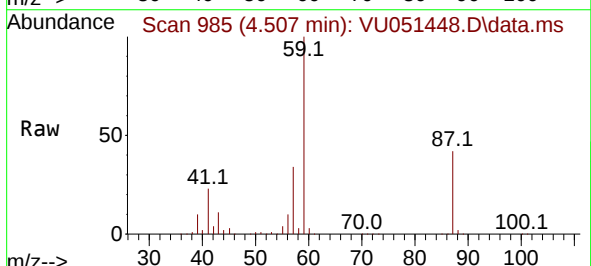
Tgt Ion: 45 Resp: 48163
Ion Ratio Lower Upper
45 100
43 55.8 27.6 82.7

Manual Integrations
APPROVED

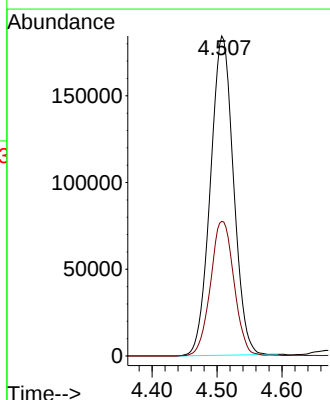
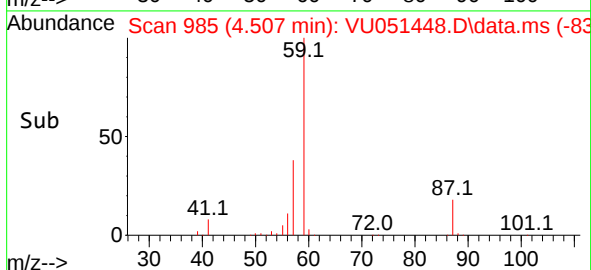
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

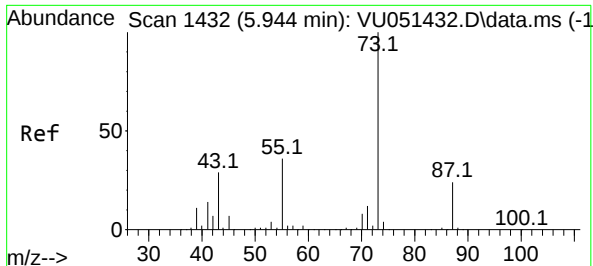


#32
Ethyl-t-butyl ether
Concen: 11.042 ug/l
RT: 4.507 min Scan# 985
Delta R.T. -0.003 min
Lab File: VU051448.D
Acq: 19 Oct 2022 09:45



Tgt Ion: 59 Resp: 454112
Ion Ratio Lower Upper
59 100
87 42.6 33.8 50.8





#33

Tert-Amyl methyl ether

Concen: 11.795 ug/l

RT: 5.944 min Scan# 1432

Delta R.T. 0.000 min

Lab File: VU051448.D

Acq: 19 Oct 2022 09:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 73 Resp: 426224

Ion Ratio Lower Upper

73 100

87 23.5 18.9 28.3

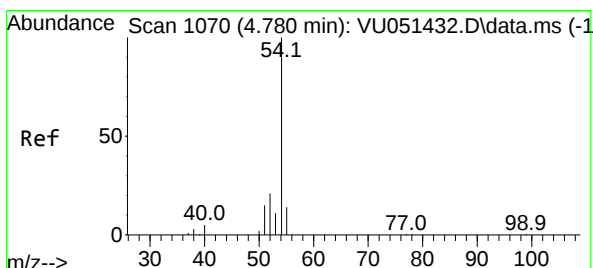
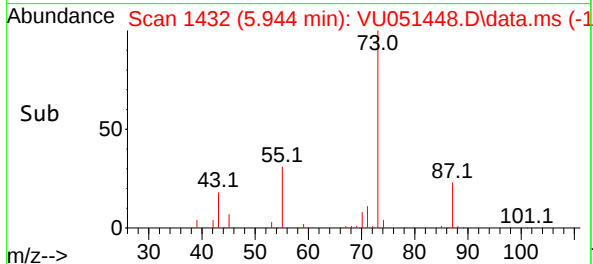
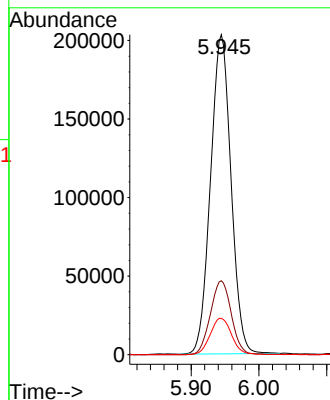
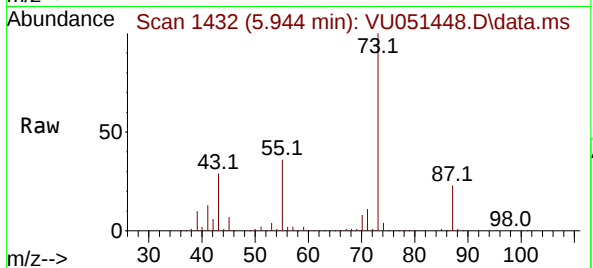
71 11.7 9.4 14.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#34

Propionitrile

Concen: 61.362 ug/l

RT: 4.793 min Scan# 1074

Delta R.T. 0.013 min

Lab File: VU051448.D

Acq: 19 Oct 2022 09:45

Tgt Ion: 54 Resp: 97962

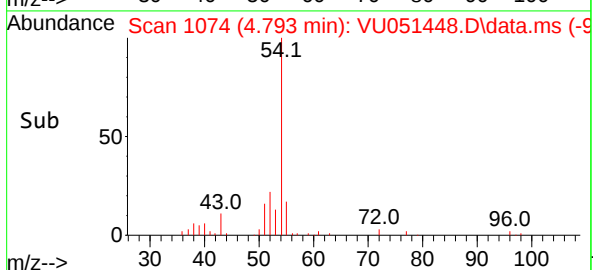
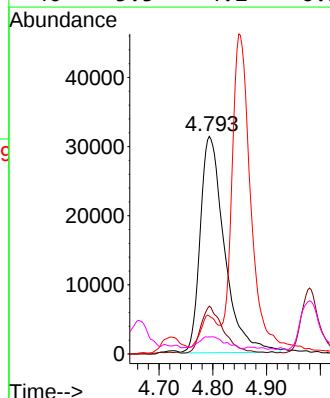
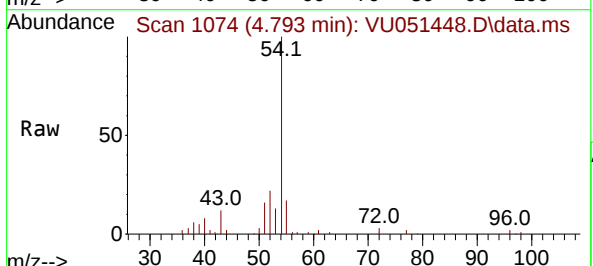
Ion Ratio Lower Upper

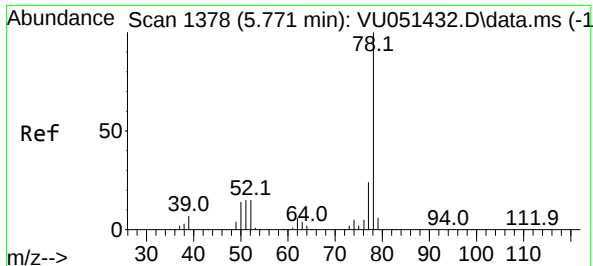
54 100

52 20.1 16.4 24.6

55 12.2 11.5 17.3

40 5.5 4.2 6.2





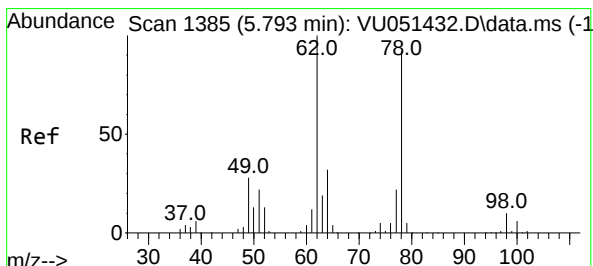
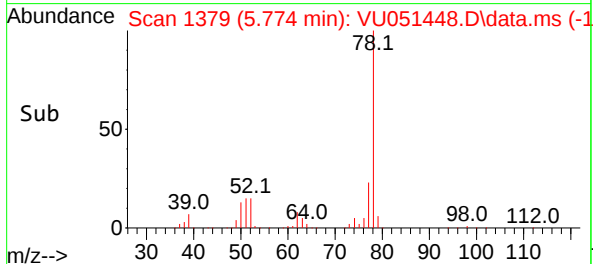
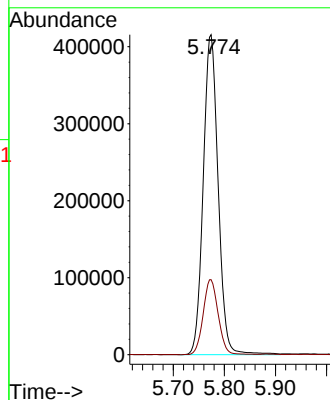
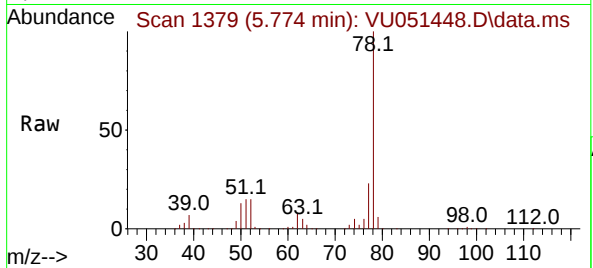
#35
Benzene
Concen: 10.653 ug/l
RT: 5.774 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU051448.D
Acq: 19 Oct 2022 09:45

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 78 Resp: 842758
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.6

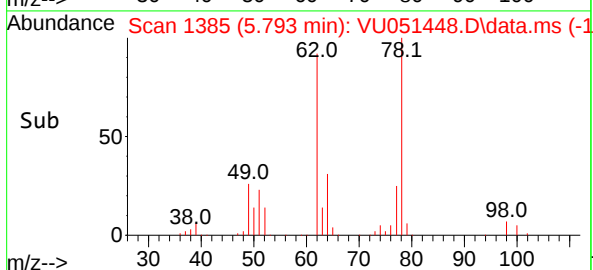
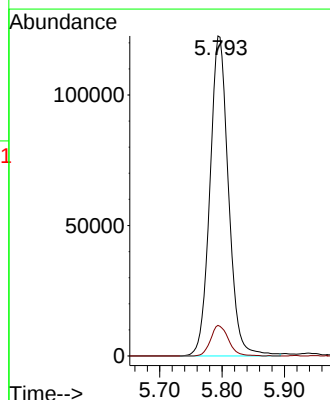
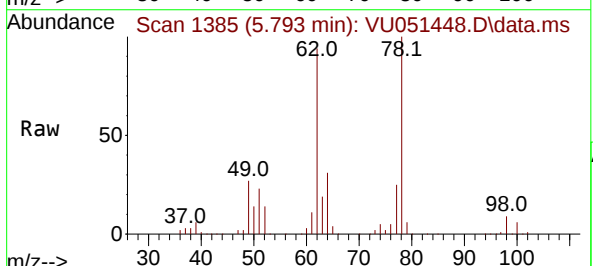
Manual Integrations
APPROVED

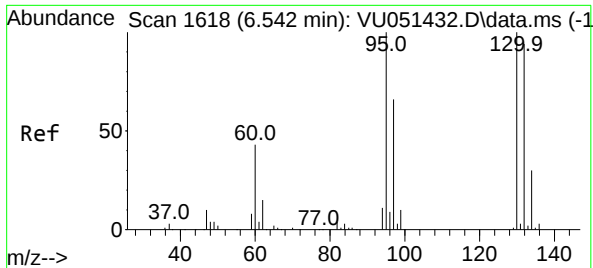
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#36
1,2-Dichloroethane
Concen: 10.415 ug/l
RT: 5.793 min Scan# 1385
Delta R.T. 0.000 min
Lab File: VU051448.D
Acq: 19 Oct 2022 09:45

Tgt Ion: 62 Resp: 254192
Ion Ratio Lower Upper
62 100
98 9.2 7.4 11.2





#37

Trichloroethene

Concen: 10.507 ug/l

RT: 6.543 min Scan# 1618

Delta R.T. 0.000 min

Lab File: VU051448.D

Acq: 19 Oct 2022 09:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion:130 Resp: 19509

Ion Ratio Lower Upper

130 100

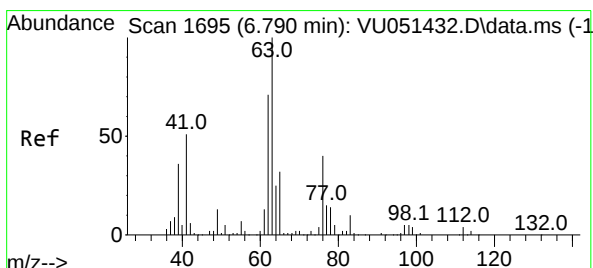
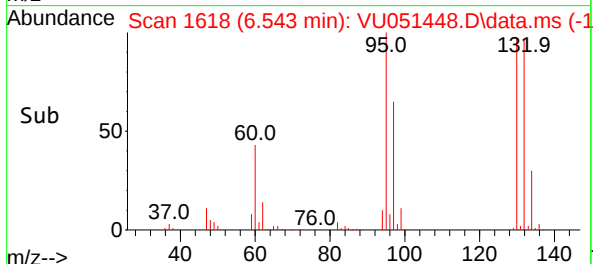
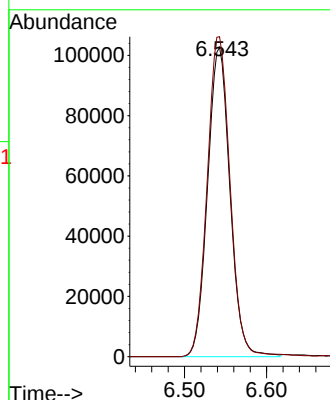
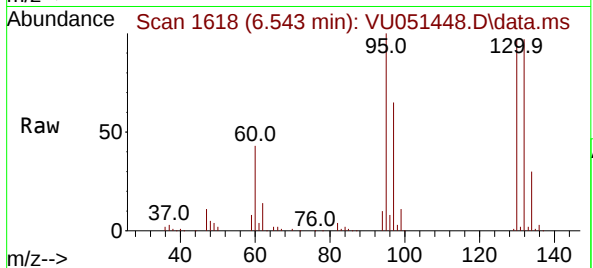
95 103.4 80.2 120.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#38

1,2-Dichloropropane

Concen: 10.415 ug/l

RT: 6.793 min Scan# 1696

Delta R.T. 0.003 min

Lab File: VU051448.D

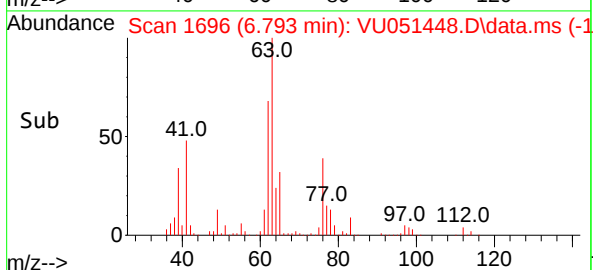
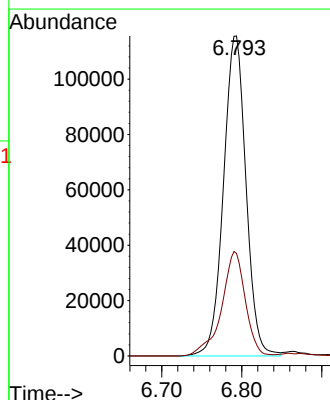
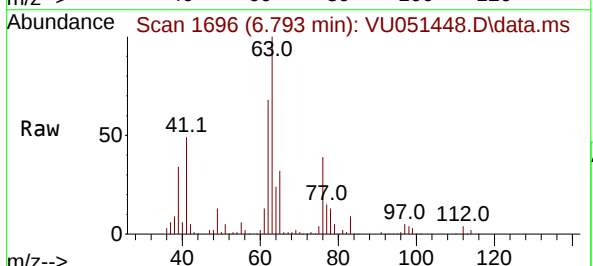
Acq: 19 Oct 2022 09:45

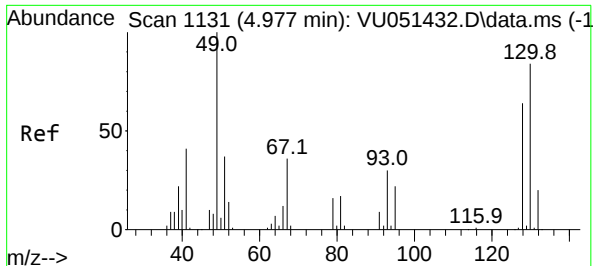
Tgt Ion: 63 Resp: 226059

Ion Ratio Lower Upper

63 100

65 32.0 25.4 38.2





#39

Methacrylonitrile

Concen: 11.532 ug/l

RT: 4.980 min Scan# 1131

Delta R.T. 0.003 min

Lab File: VU051448.D

Acq: 19 Oct 2022 09:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 41 Resp: 6292

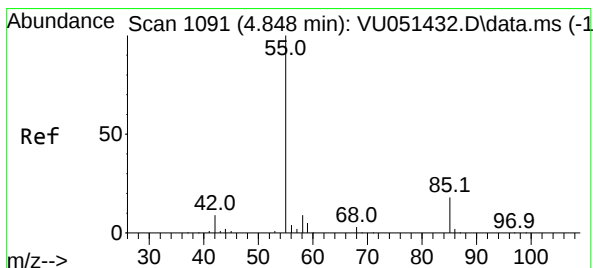
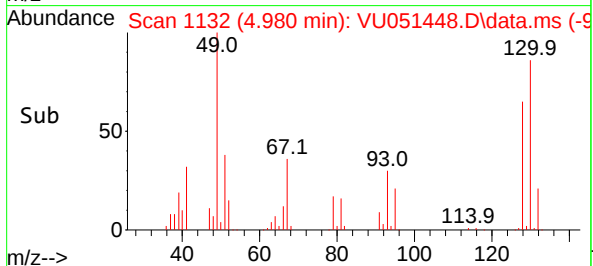
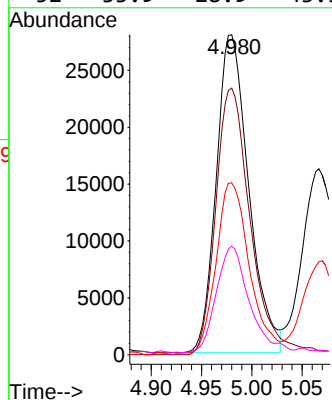
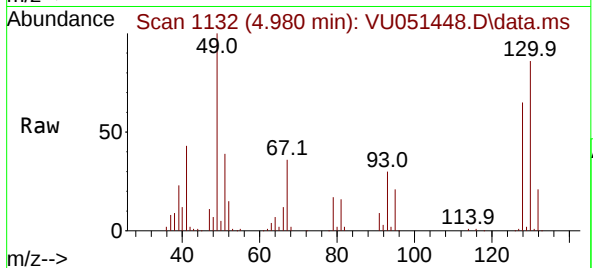
Ion	Ratio	Lower	Upper
41	100		
67	90.1	69.6	104.4
39	54.2	42.2	63.4
52	33.9	28.9	43.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#40

Methyl acrylate

Concen: 13.019 ug/l

RT: 4.848 min Scan# 1091

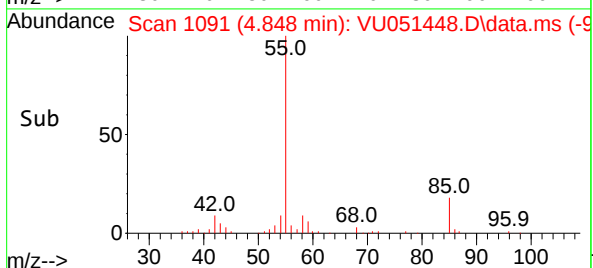
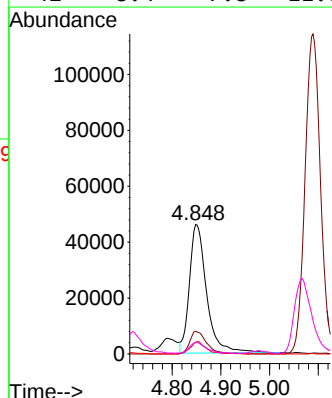
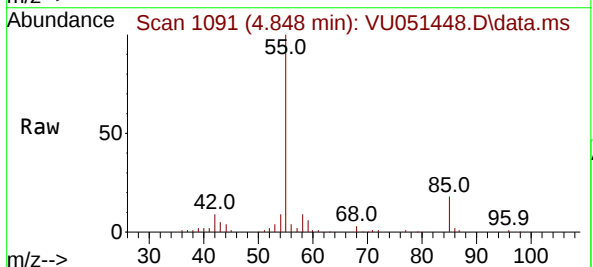
Delta R.T. 0.000 min

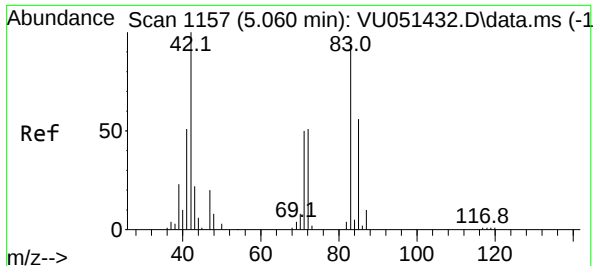
Lab File: VU051448.D

Acq: 19 Oct 2022 09:45

Tgt Ion: 55 Resp: 113278

Ion	Ratio	Lower	Upper
55	100		
85	17.0	15.0	22.6
58	8.6	7.5	11.3
42	8.4	7.8	11.6





#41

Tetrahydrofuran

Concen: 23.154 ug/l

RT: 5.067 min Scan# 1157

Delta R.T. 0.007 min

Lab File: VU051448.D

Acq: 19 Oct 2022 09:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 42 Resp: 66340

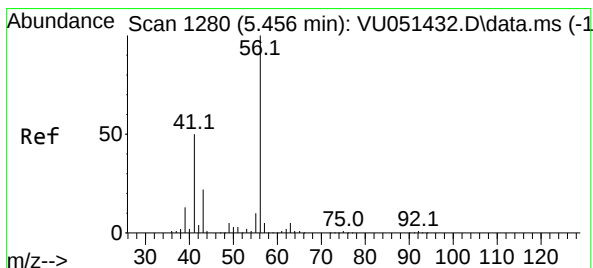
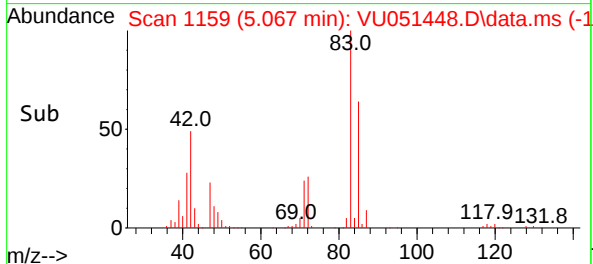
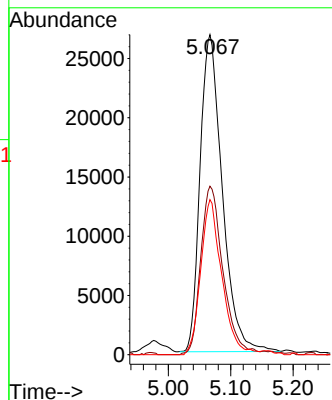
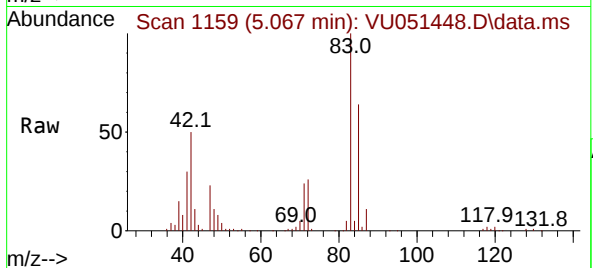
Ion	Ratio	Lower	Upper
42	100		
72	52.7	42.6	64.0
71	45.7	38.3	57.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#42

1-Chlorobutane

Concen: 11.481 ug/l

RT: 5.456 min Scan# 1280

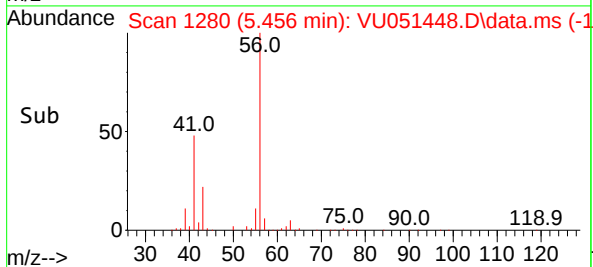
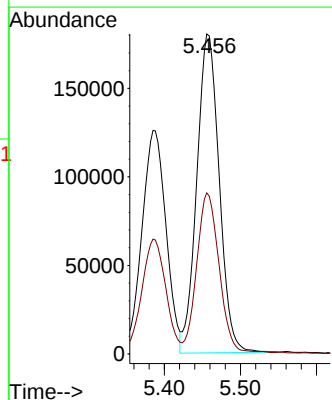
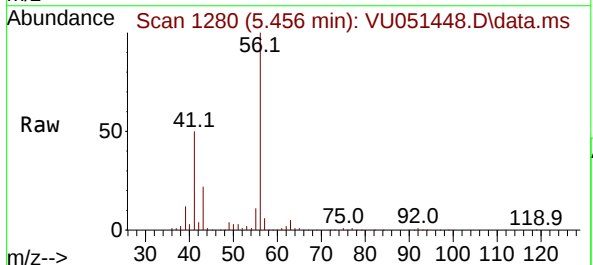
Delta R.T. 0.000 min

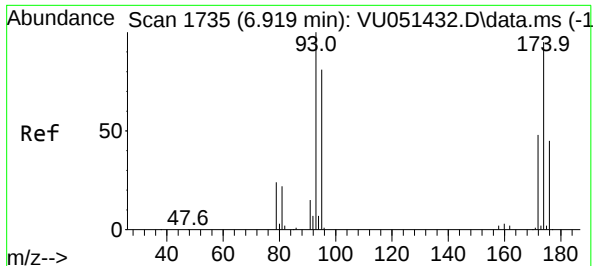
Lab File: VU051448.D

Acq: 19 Oct 2022 09:45

Tgt Ion: 56 Resp: 369400

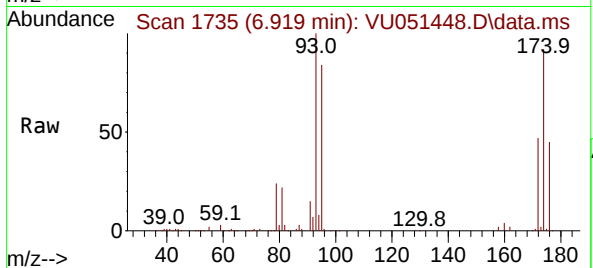
Ion	Ratio	Lower	Upper
56	100		
41	49.1	24.8	74.4





#43
Dibromomethane
Concen: 10.415 ug/l
RT: 6.919 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VU051448.D
Acq: 19 Oct 2022 09:45

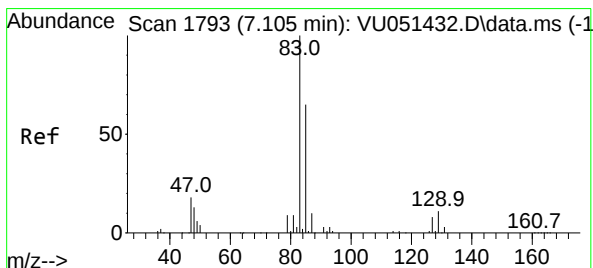
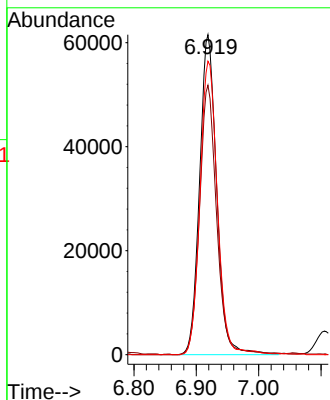
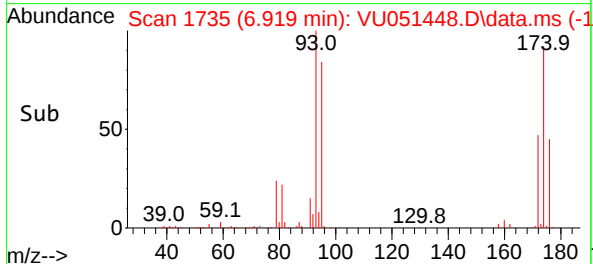
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



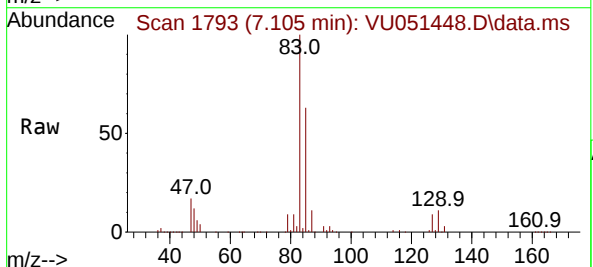
Tgt Ion: 93 Resp: 11730
Ion Ratio Lower Upper
93 100
95 84.4 66.7 100.1
174 92.9 75.5 113.3

Manual Integrations
APPROVED

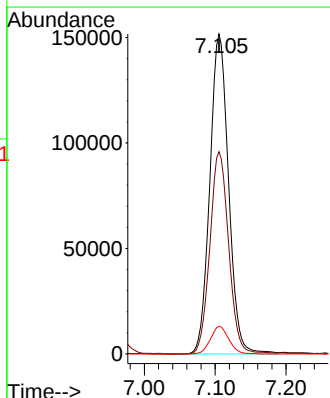
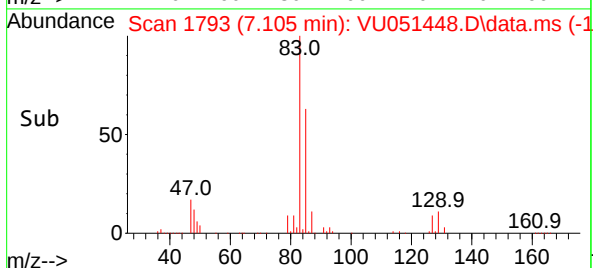
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

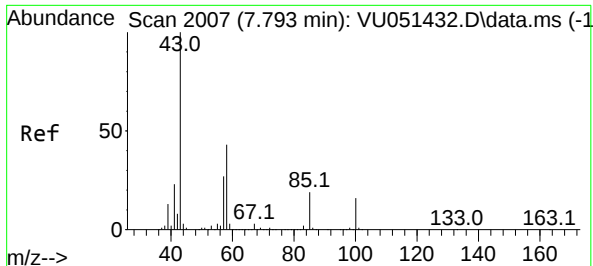


#44
Bromodichloromethane
Concen: 10.204 ug/l
RT: 7.105 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VU051448.D
Acq: 19 Oct 2022 09:45



Tgt Ion: 83 Resp: 278144
Ion Ratio Lower Upper
83 100
85 63.2 52.1 78.1
127 8.6 6.8 10.2





#45

4-Methyl-2-Pentanone

Concen: 60.289 ug/l

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU051448.D

Acq: 19 Oct 2022 09:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 43 Resp: 646425

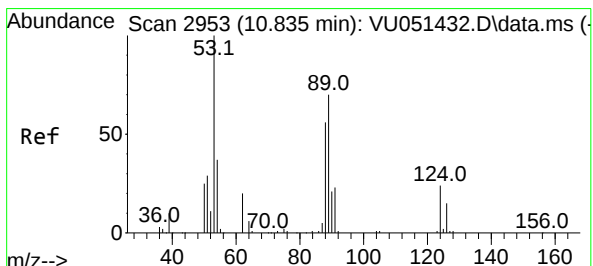
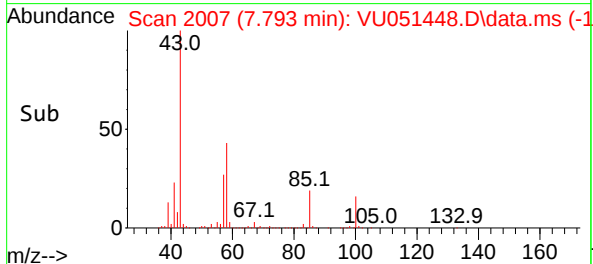
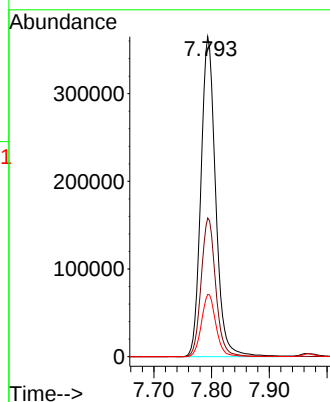
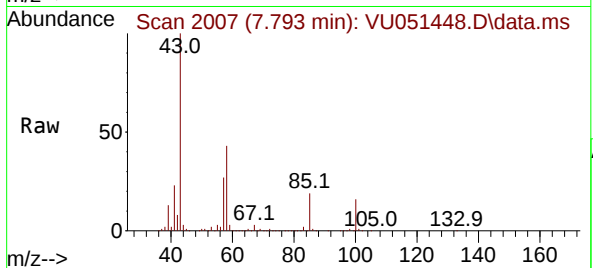
Ion	Ratio	Lower	Upper
43	100		
58	42.9	21.4	64.3
85	19.2	15.4	23.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#46

t-1,4-Dichloro-2-butene

Concen: 20.520 ug/l m

RT: 10.832 min Scan# 2952

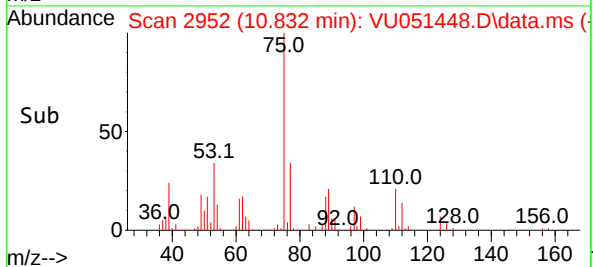
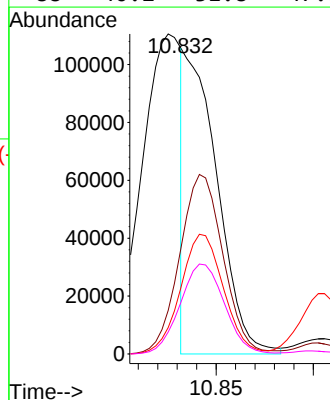
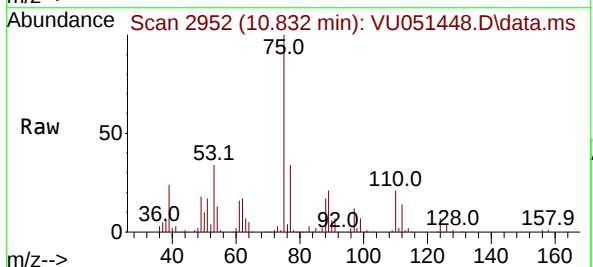
Delta R.T. -0.003 min

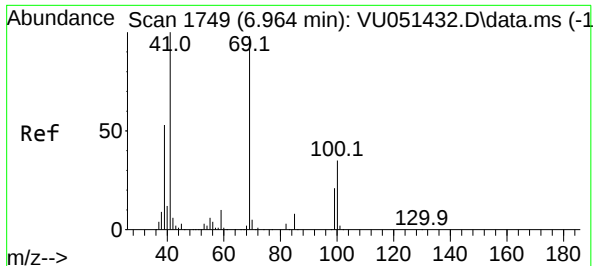
Lab File: VU051448.D

Acq: 19 Oct 2022 09:45

Tgt Ion: 75 Resp: 122793

Ion	Ratio	Lower	Upper
75	100		
53	78.6	61.1	91.7
89	52.0	41.0	61.6
88	40.2	31.8	47.8





#47

Methyl methacrylate

Concen: 20.265 ug/l

RT: 6.964 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VU051448.D

Acq: 19 Oct 2022 09:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 69 Resp: 21549

Ion Ratio Lower Upper

69 100

41 100.6 0.0 200.8

39 52.1 44.1 66.1

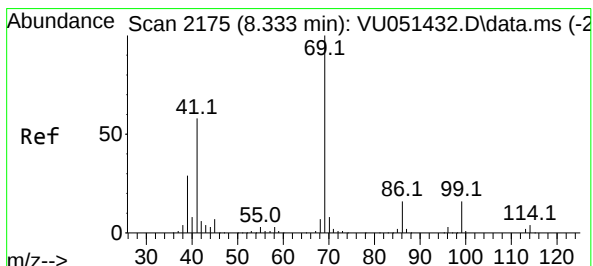
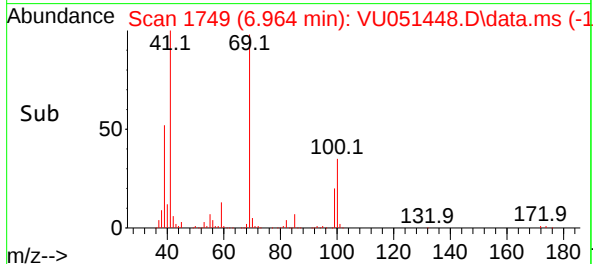
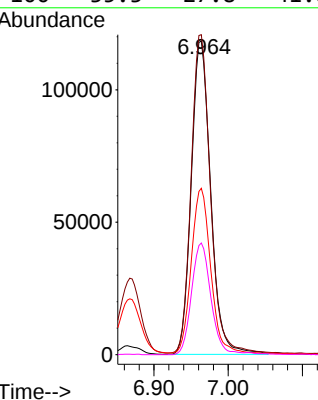
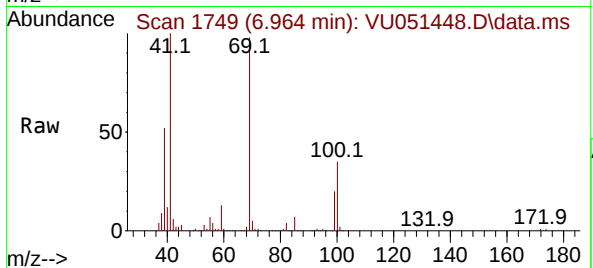
100 35.3 27.8 41.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#48

Ethyl methacrylate

Concen: 9.841 ug/l

RT: 8.333 min Scan# 2175

Delta R.T. 0.000 min

Lab File: VU051448.D

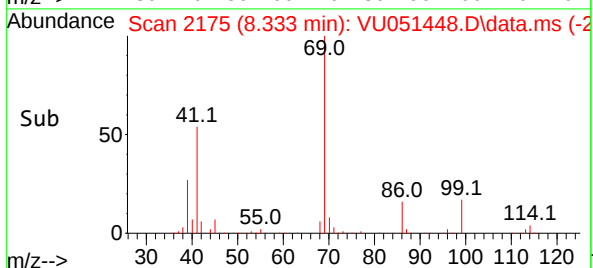
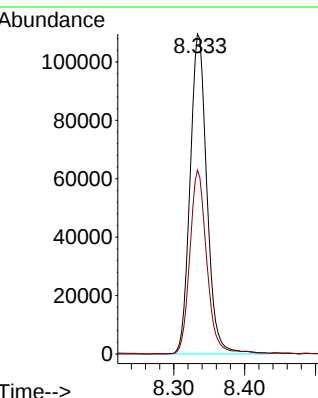
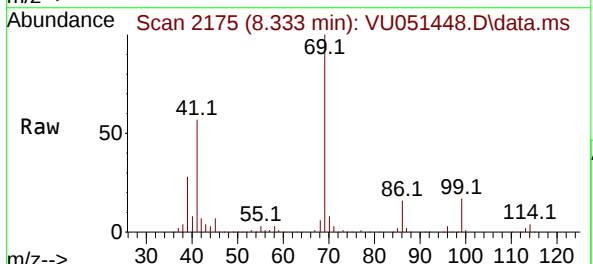
Acq: 19 Oct 2022 09:45

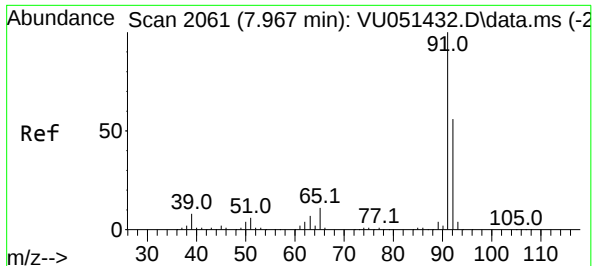
Tgt Ion: 69 Resp: 180401

Ion Ratio Lower Upper

69 100

41 57.7 28.8 86.5





#49

Toluene

Concen: 11.732 ug/l

RT: 7.967 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VU051448.D

Acq: 19 Oct 2022 09:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 92 Resp: 508962

Ion Ratio Lower Upper

92 100

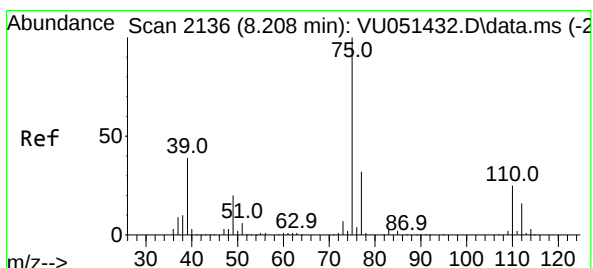
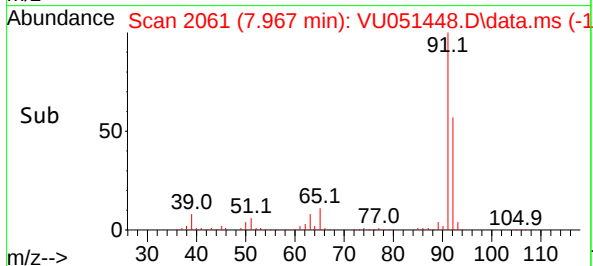
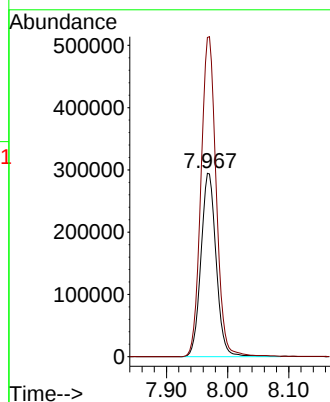
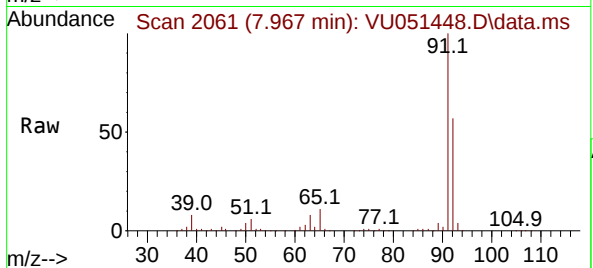
91 175.3 141.8 212.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#50

t-1,3-Dichloropropene

Concen: 11.407 ug/l

RT: 8.211 min Scan# 2137

Delta R.T. 0.003 min

Lab File: VU051448.D

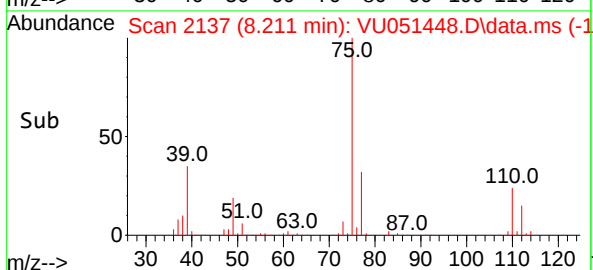
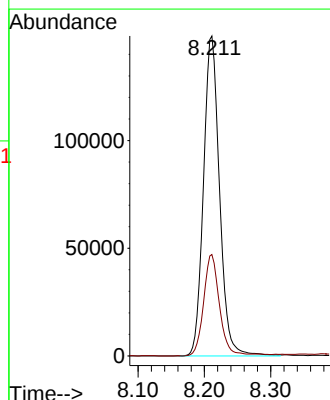
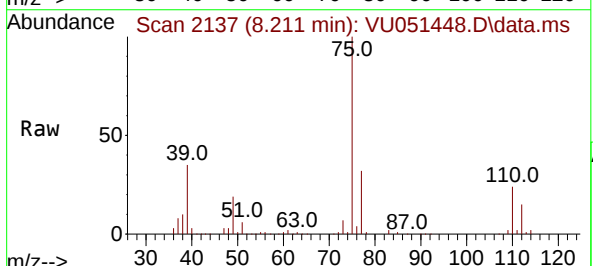
Acq: 19 Oct 2022 09:45

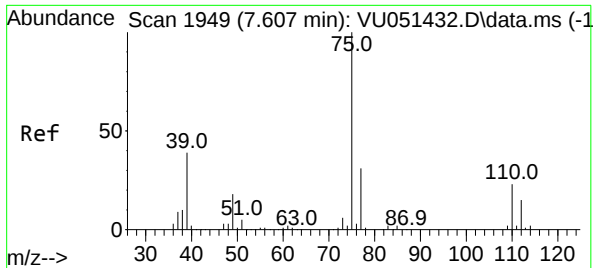
Tgt Ion: 75 Resp: 250062

Ion Ratio Lower Upper

75 100

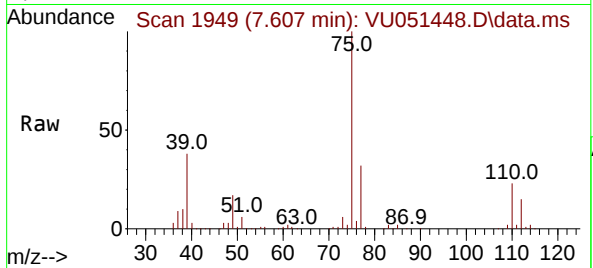
77 31.6 25.8 38.6





#51
 cis-1,3-Dichloropropene
 Concen: 10.817 ug/l
 RT: 7.607 min Scan# 1949
 Delta R.T. 0.000 min
 Lab File: VU051448.D
 Acq: 19 Oct 2022 09:45

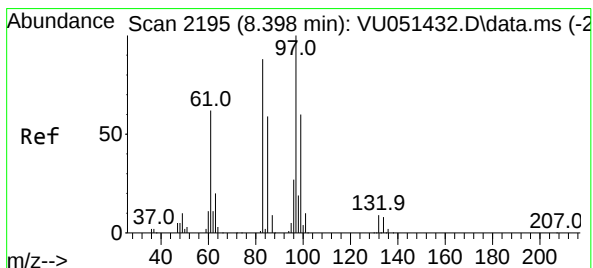
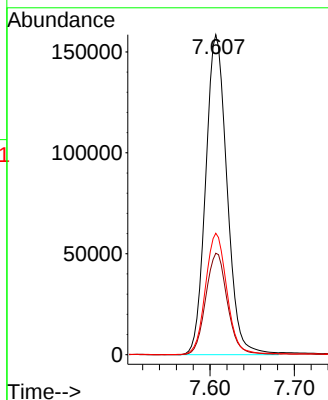
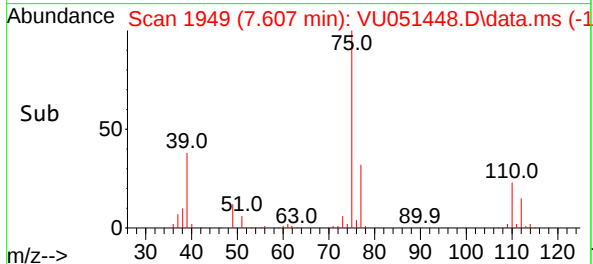
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010



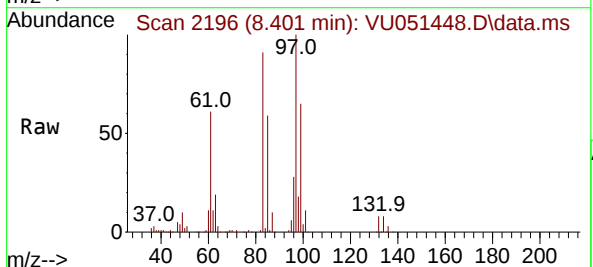
Tgt Ion: 75 Resp: 279540
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.1 37.7
 39 37.9 31.4 47.0

Manual Integrations
 APPROVED

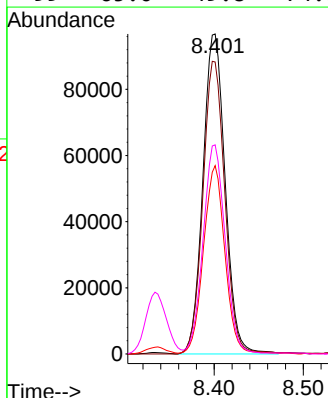
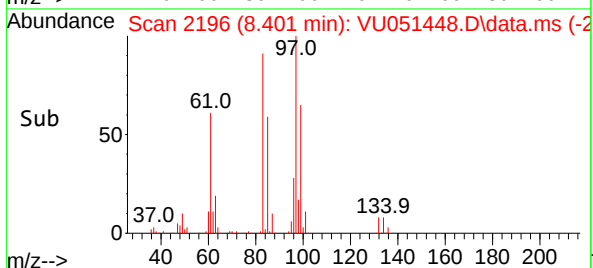
Reviewed By :Krupa Patel 10/20/2022
 Supervised By :Mahesh Dadoda 10/20/2022

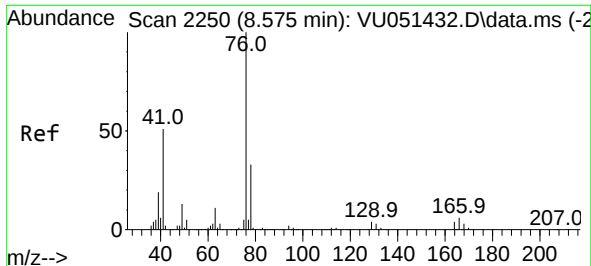


#52
 1,1,2-Trichloroethane
 Concen: 10.451 ug/l
 RT: 8.401 min Scan# 2196
 Delta R.T. 0.003 min
 Lab File: VU051448.D
 Acq: 19 Oct 2022 09:45



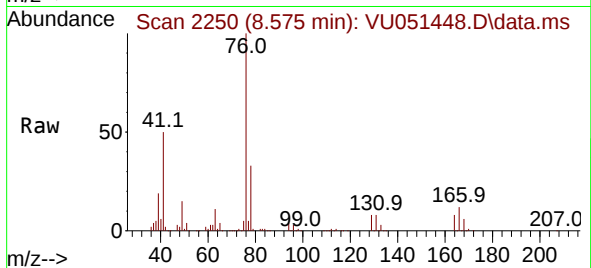
Tgt Ion: 97 Resp: 168086
 Ion Ratio Lower Upper
 97 100
 83 91.2 70.6 105.8
 85 58.6 47.0 70.4
 99 65.0 49.8 74.8





#53
1,3-Dichloropropane
Concen: 10.957 ug/l
RT: 8.575 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VU051448.D
Acq: 19 Oct 2022 09:45

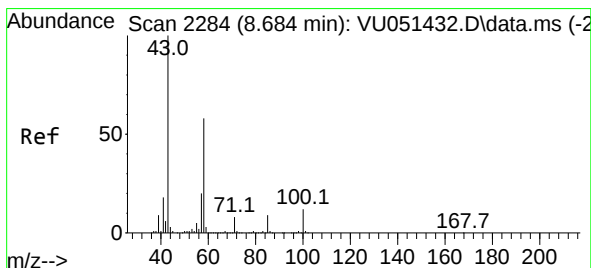
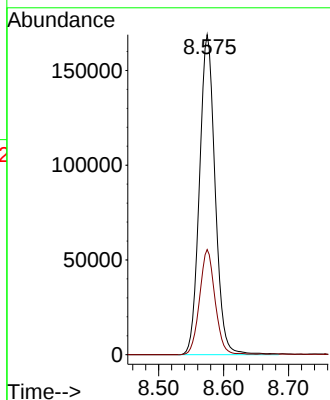
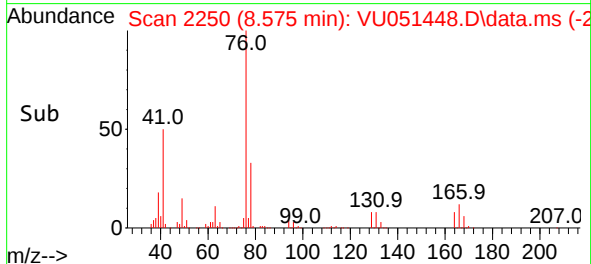
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



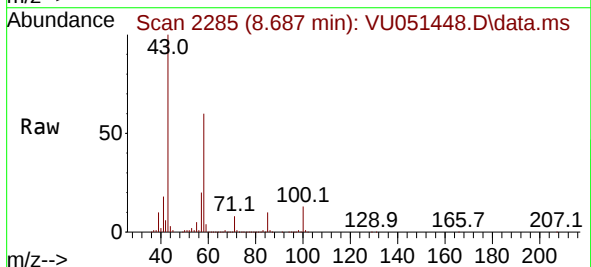
Tgt Ion: 76 Resp: 28401
Ion Ratio Lower Upper
76 100
78 32.2 26.4 39.6

Manual Integrations
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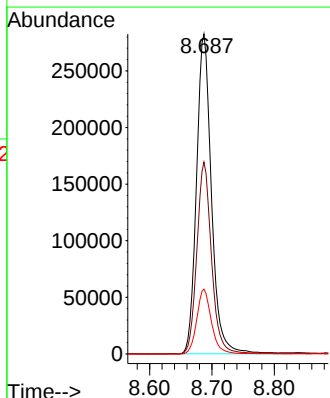
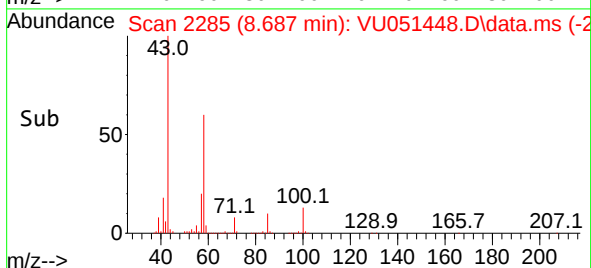
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

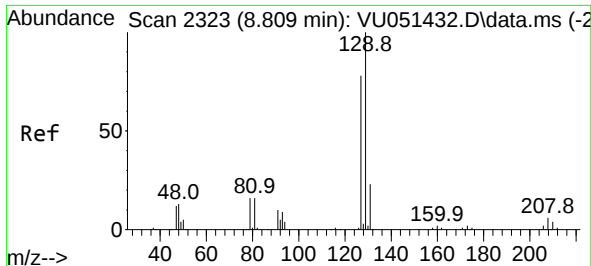


#54
2-Hexanone
Concen: 51.204 ug/l
RT: 8.687 min Scan# 2285
Delta R.T. 0.003 min
Lab File: VU051448.D
Acq: 19 Oct 2022 09:45



Tgt Ion: 43 Resp: 470360
Ion Ratio Lower Upper
43 100
58 59.1 38.0 78.0
57 19.8 0.0 39.9





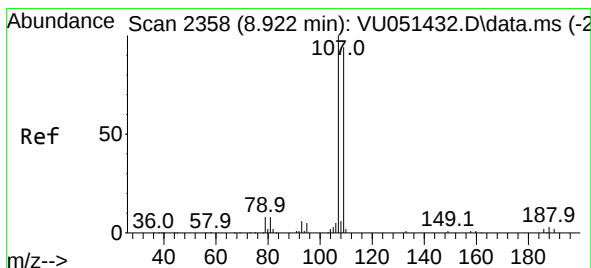
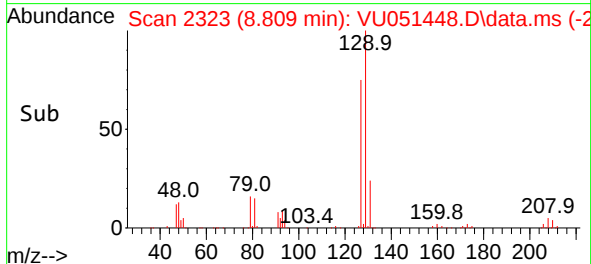
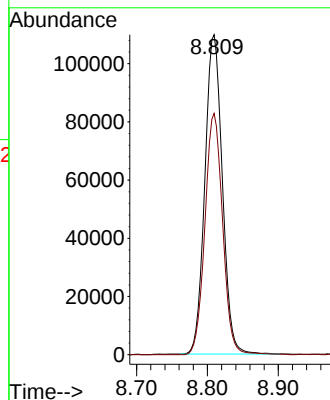
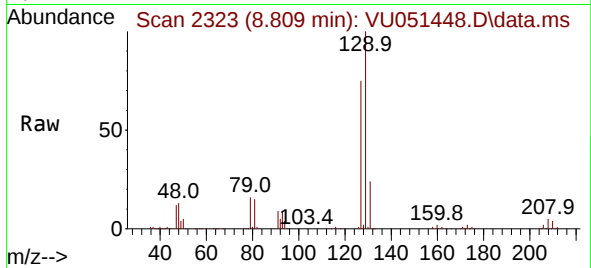
#55
Dibromochloromethane
Concen: 10.759 ug/l
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU051448.D
Acq: 19 Oct 2022 09:45

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:129 Resp: 18817
Ion Ratio Lower Upper
129 100
127 76.5 62.1 93.1

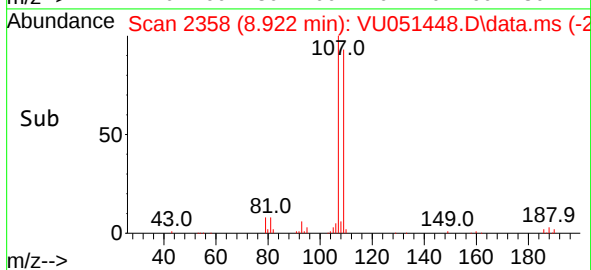
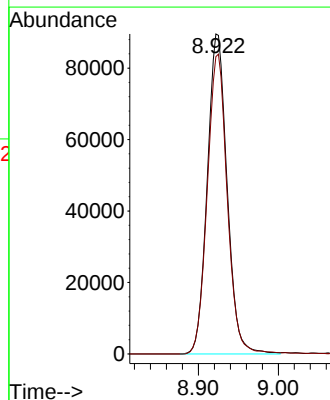
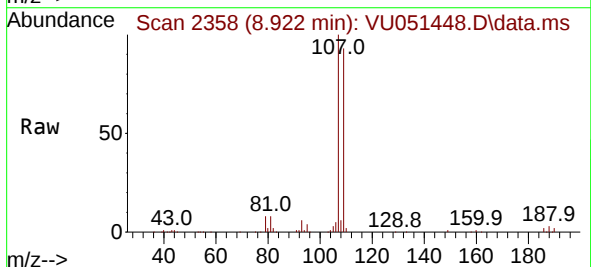
Manual Integrations
APPROVED

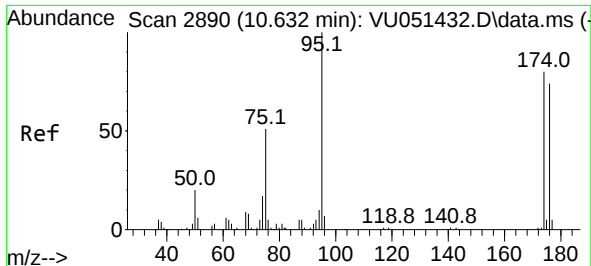
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#56
1,2-Dibromoethane
Concen: 10.908 ug/l
RT: 8.922 min Scan# 2358
Delta R.T. 0.000 min
Lab File: VU051448.D
Acq: 19 Oct 2022 09:45

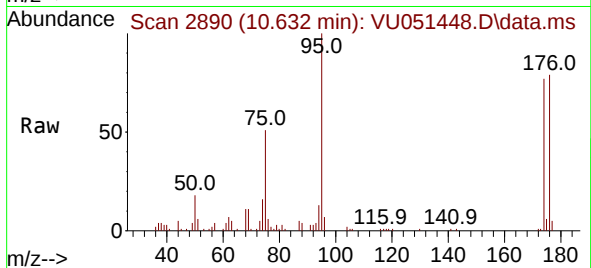
Tgt Ion:107 Resp: 154252
Ion Ratio Lower Upper
107 100
109 94.5 0.0 190.6





#57
4-Bromofluorobenzene
Concen: 1.162 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.000 min
Lab File: VU051448.D
Acq: 19 Oct 2022 09:45

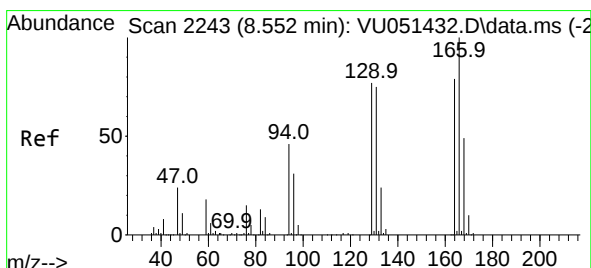
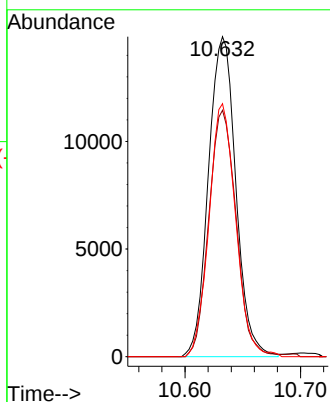
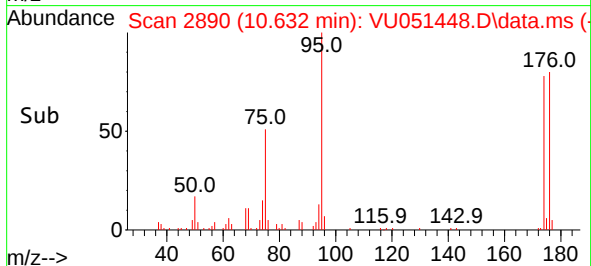
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 95 Resp: 24540
Ion Ratio Lower Upper
95 100
174 76.6 63.0 94.6
176 76.7 59.8 89.6

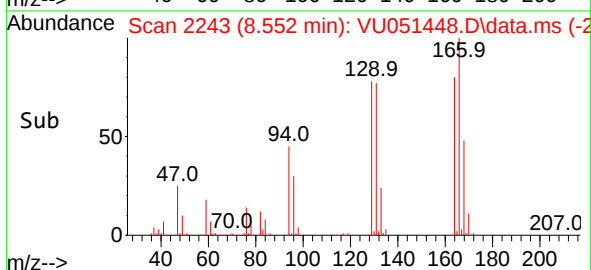
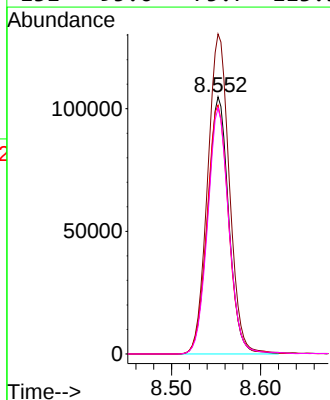
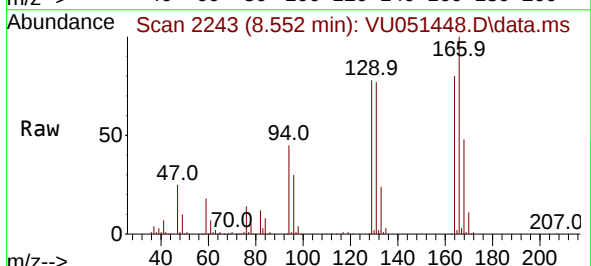
Manual Integrations
APPROVED

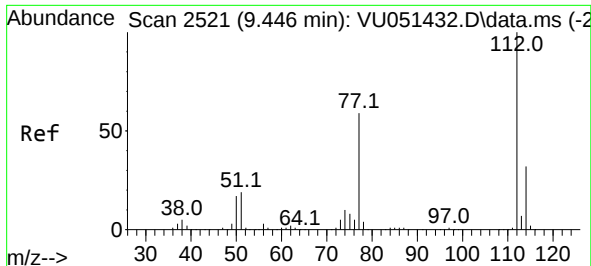
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#58
Tetrachloroethene
Concen: 10.679 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU051448.D
Acq: 19 Oct 2022 09:45

Tgt Ion:164 Resp: 172789
Ion Ratio Lower Upper
164 100
166 124.4 100.9 151.3
129 96.7 77.5 116.3
131 95.6 75.7 113.5





#59

Chlorobenzene

Concen: 10.976 ug/l

RT: 9.446 min Scan# 2521

Delta R.T. 0.000 min

Lab File: VU051448.D

Acq: 19 Oct 2022 09:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion:112 Resp: 522718

Ion Ratio Lower Upper

112 100

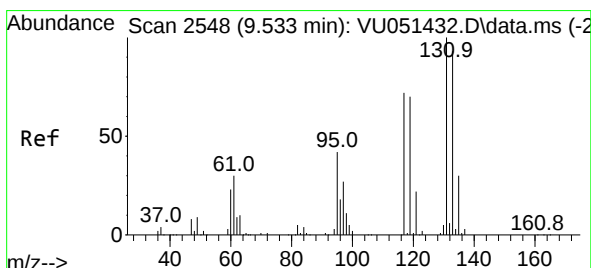
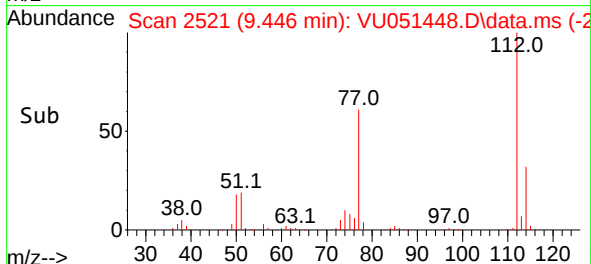
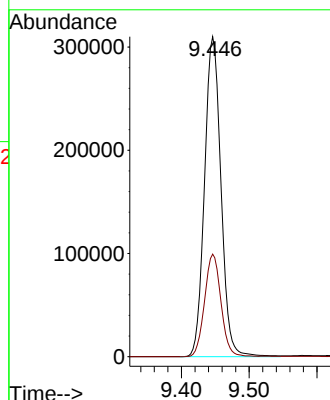
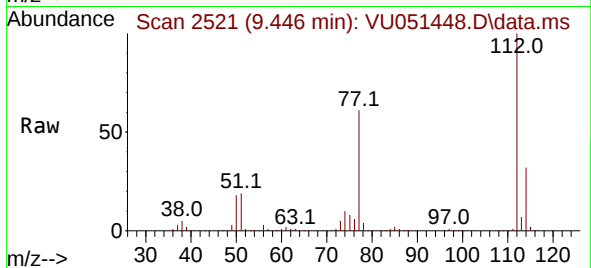
114 32.1 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#60

1,1,1,2-Tetrachloroethane

Concen: 10.402 ug/l

RT: 9.533 min Scan# 2548

Delta R.T. 0.000 min

Lab File: VU051448.D

Acq: 19 Oct 2022 09:45

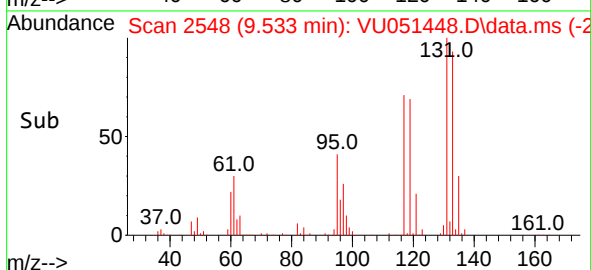
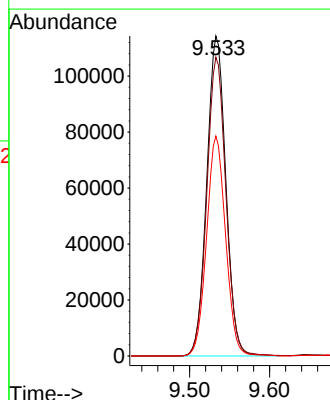
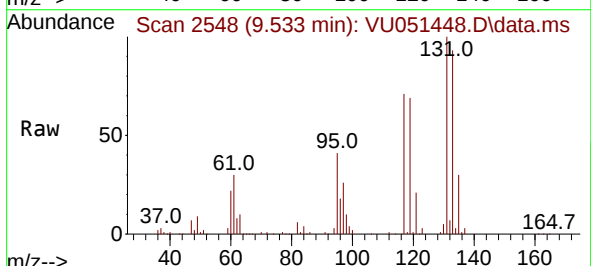
Tgt Ion:131 Resp: 189820

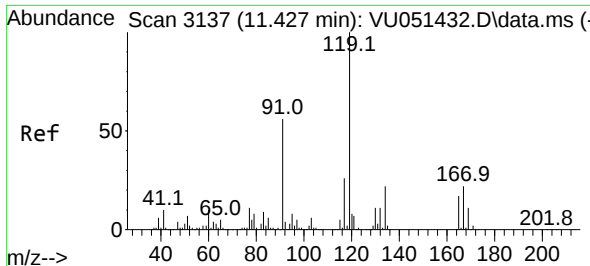
Ion Ratio Lower Upper

131 100

133 94.1 76.5 114.7

119 68.7 56.5 84.7





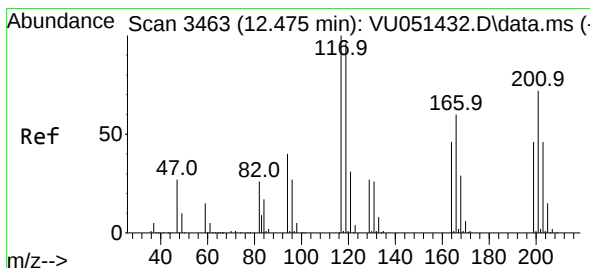
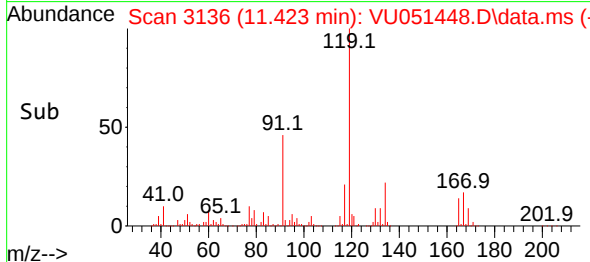
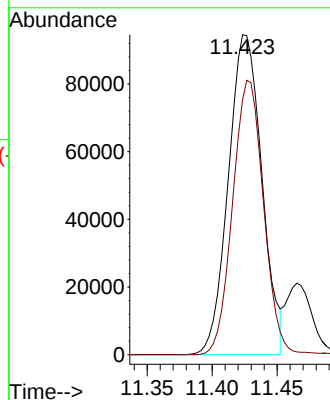
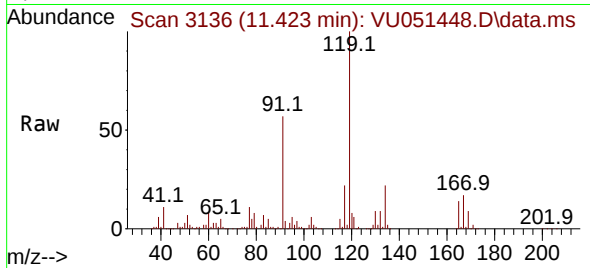
#61
 Pentachloroethane
 Concen: 10.435 ug/l
 RT: 11.423 min Scan# 3137
 Delta R.T. -0.004 min
 Lab File: VU051448.D
 Acq: 19 Oct 2022 09:45

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tgt Ion:117 Resp: 169685
 Ion Ratio Lower Upper
 117 100
 167 79.3 63.3 94.9

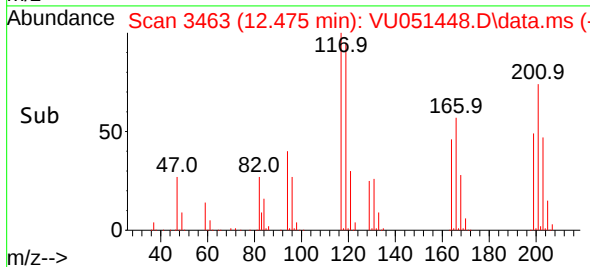
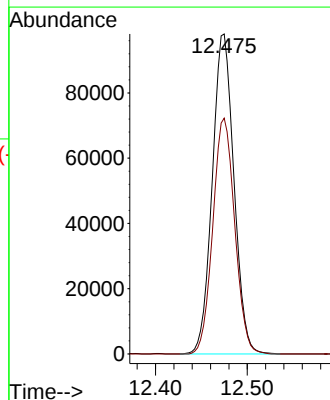
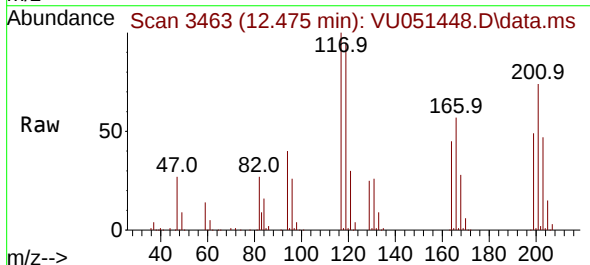
Manual Integrations
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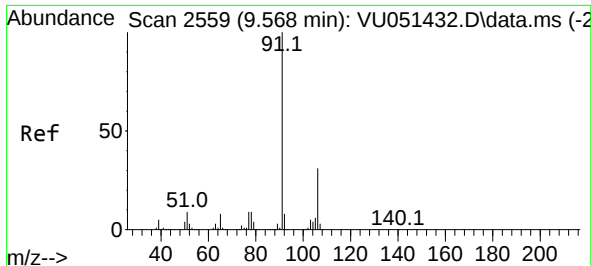
Reviewed By :Krupa Patel 10/20/2022
 Supervised By :Mahesh Dadoda 10/20/2022



#62
 Hexachloroethane
 Concen: 10.412 ug/l
 RT: 12.475 min Scan# 3463
 Delta R.T. 0.000 min
 Lab File: VU051448.D
 Acq: 19 Oct 2022 09:45

Tgt Ion:117 Resp: 160786
 Ion Ratio Lower Upper
 117 100
 201 74.5 57.4 86.2





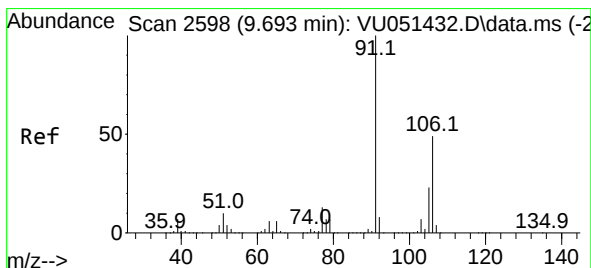
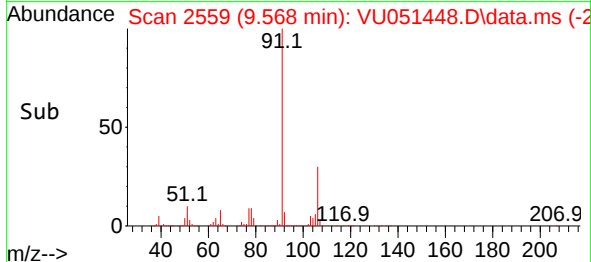
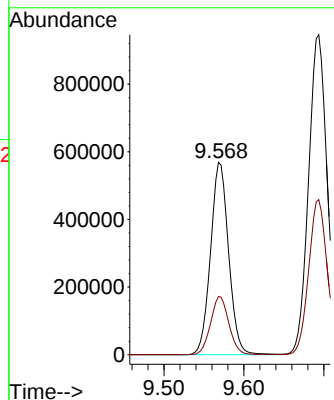
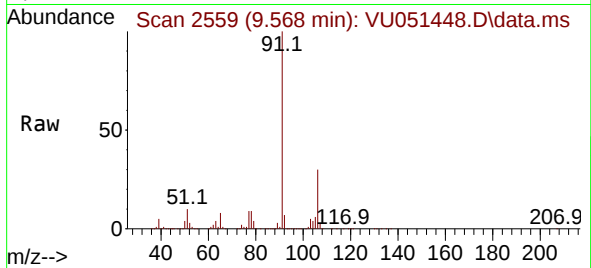
#63
Ethyl Benzene
Concen: 10.004 ug/l
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU051448.D
Acq: 19 Oct 2022 09:45

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 89347
Ion Ratio Lower Upper
91 100
106 30.2 24.9 37.3

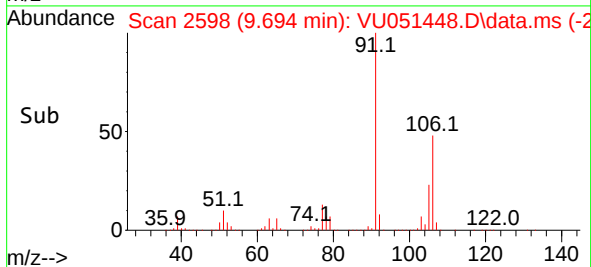
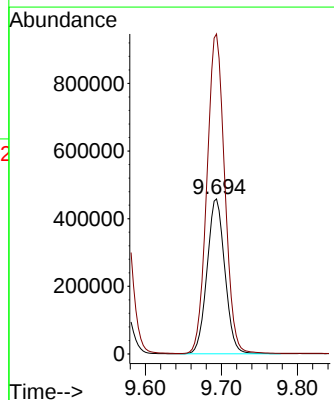
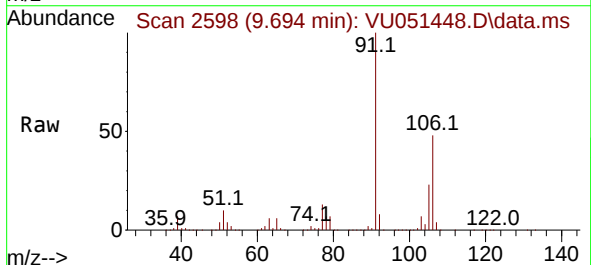
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APPROVED

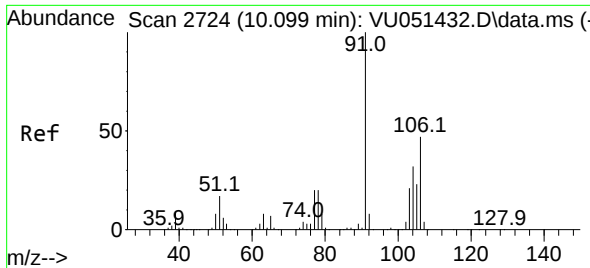
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#64
m/p-Xylenes
Concen: 20.483 ug/l
RT: 9.694 min Scan# 2598
Delta R.T. 0.001 min
Lab File: VU051448.D
Acq: 19 Oct 2022 09:45

Tgt Ion:106 Resp: 744773
Ion Ratio Lower Upper
106 100
91 206.6 163.2 244.8





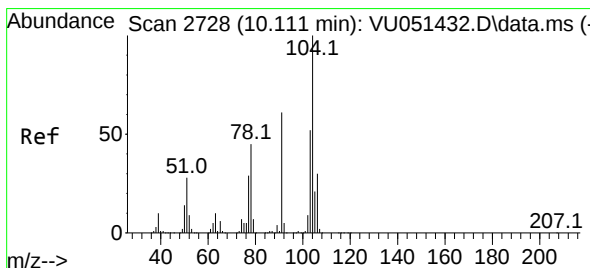
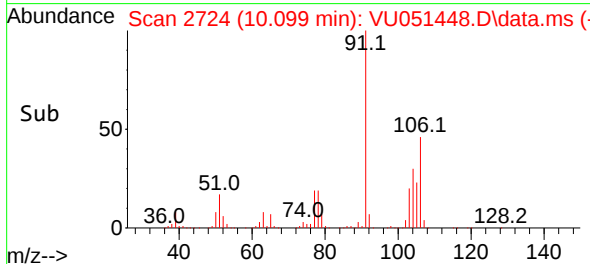
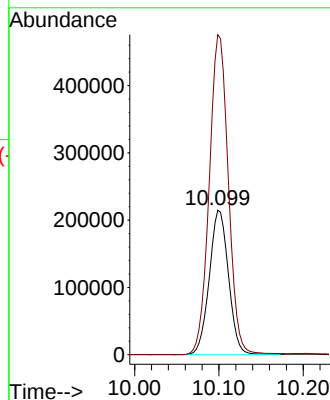
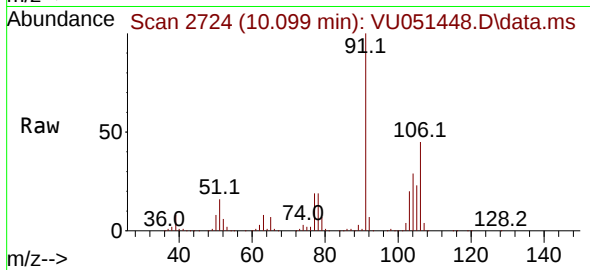
#65
o-Xylene
Concen: 9.986 ug/l
RT: 10.099 min Scan# 2106
Delta R.T. -0.000 min
Lab File: VU051448.D
Acq: 19 Oct 2022 09:45

Instrument : MSVOA_U
ClientSampleId : VSTDCCC010

Tgt Ion:106 Resp: 340052
Ion Ratio Lower Upper
106 100
91 220.9 107.1 321.3

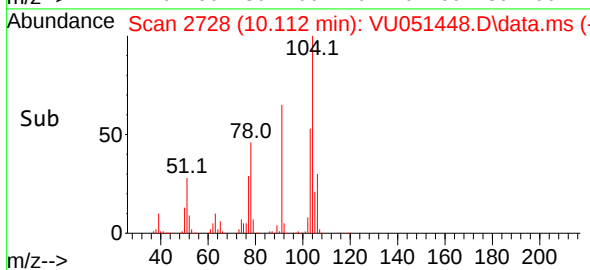
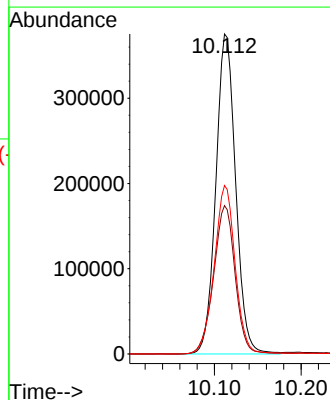
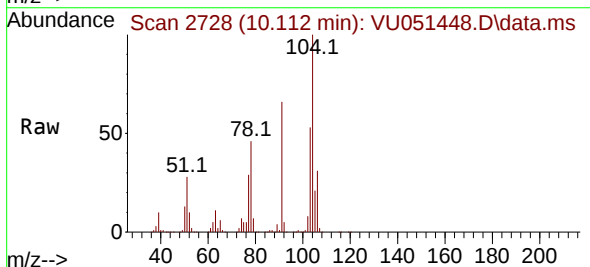
Manual Integrations
APPROVED

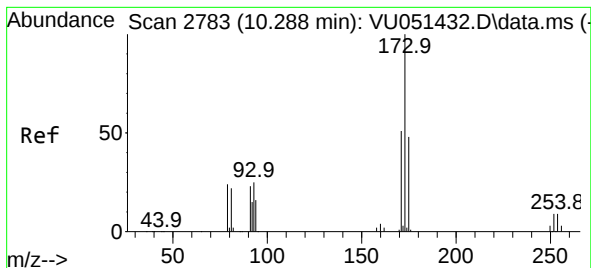
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#66
Styrene
Concen: 10.134 ug/l
RT: 10.112 min Scan# 2728
Delta R.T. 0.001 min
Lab File: VU051448.D
Acq: 19 Oct 2022 09:45

Tgt Ion:104 Resp: 596982
Ion Ratio Lower Upper
104 100
78 50.4 39.7 59.5
103 55.7 44.4 66.6





#67

Bromoform

Concen: 11.145 ug/l

RT: 10.288 min Scan# 2783

Delta R.T. 0.000 min

Lab File: VU051448.D

Acq: 19 Oct 2022 09:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion:173 Resp: 109400

Ion Ratio Lower Upper

173 100

175 47.9 38.6 58.0

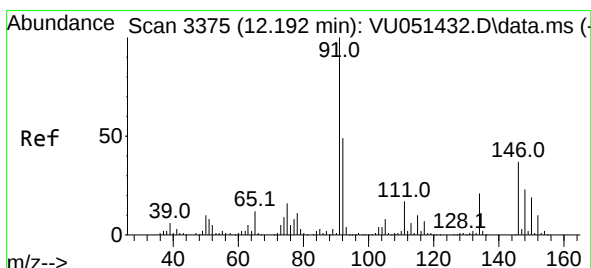
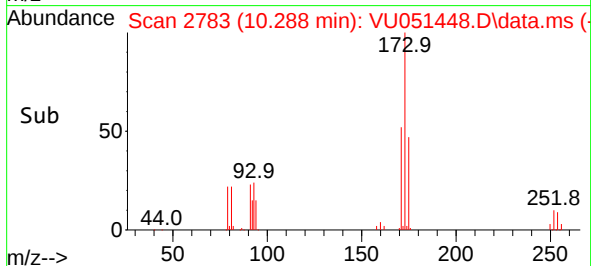
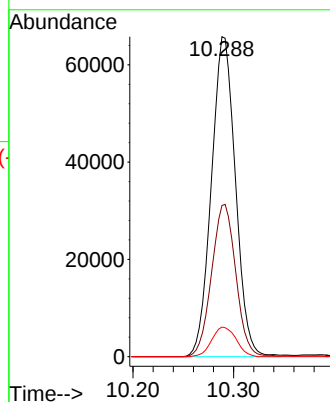
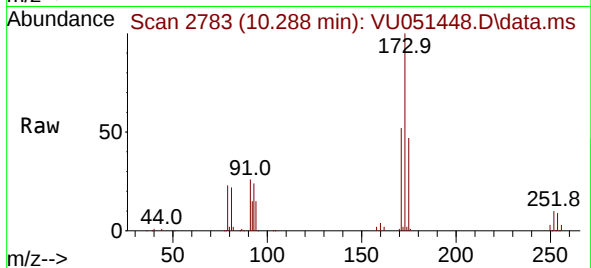
254 9.4 7.3 10.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#68

1,2-Dichlorobenzene-d4

Concen: 1.006 ug/l

RT: 12.192 min Scan# 3375

Delta R.T. 0.000 min

Lab File: VU051448.D

Acq: 19 Oct 2022 09:45

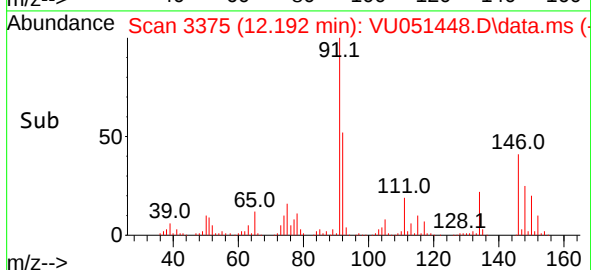
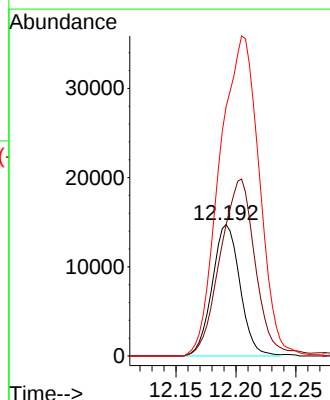
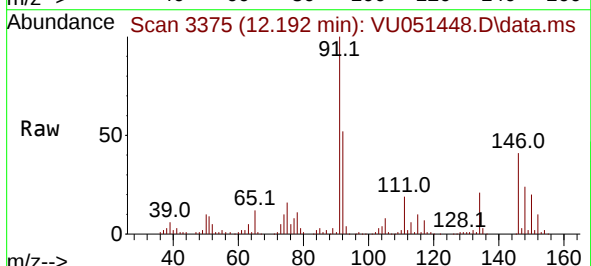
Tgt Ion:152 Resp: 23704

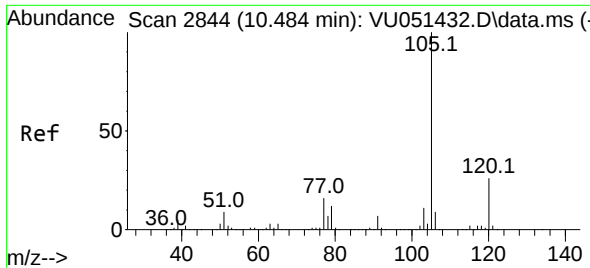
Ion Ratio Lower Upper

152 100

115 170.2 0.0 333.0

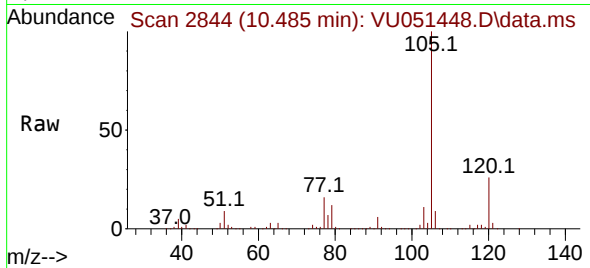
150 346.9 0.0 662.0





#69
Isopropylbenzene
Concen: 10.097 ug/l
RT: 10.485 min Scan# 2844
Delta R.T. 0.001 min
Lab File: VU051448.D
Acq: 19 Oct 2022 09:45

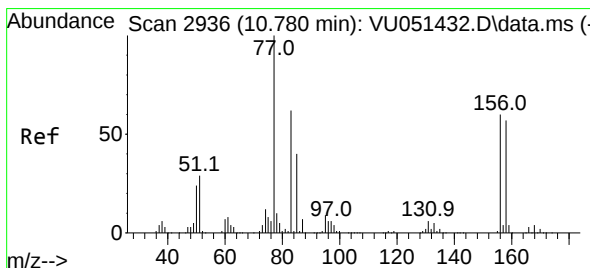
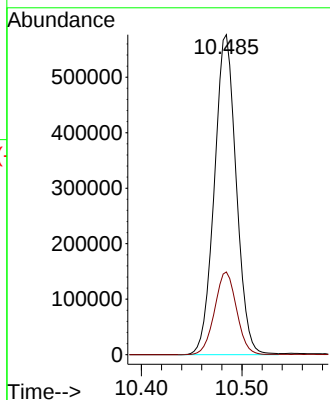
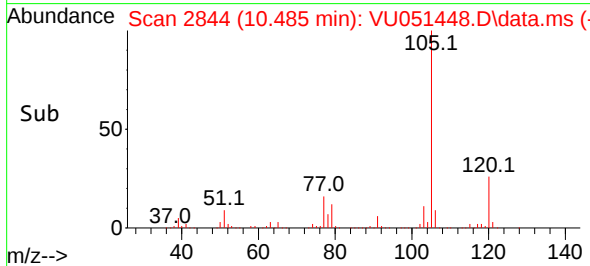
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



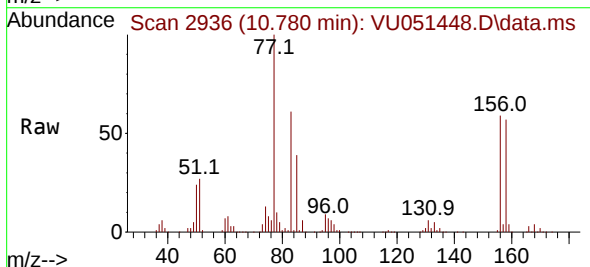
Tgt Ion:105 Resp: 87160
Ion Ratio Lower Upper
105 100
120 26.0 13.0 39.0

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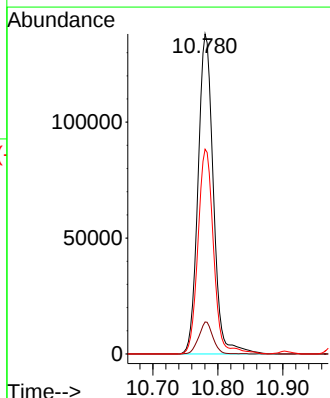
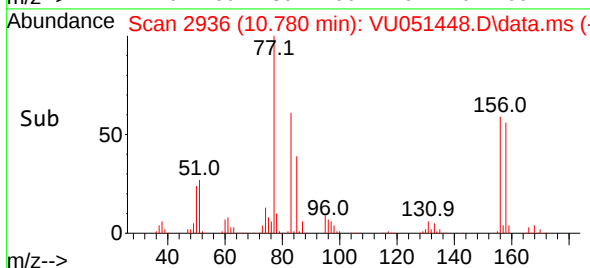
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

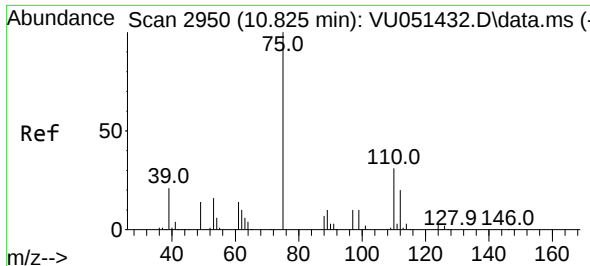


#70
1,1,2,2-Tetrachloroethane
Concen: 10.447 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VU051448.D
Acq: 19 Oct 2022 09:45



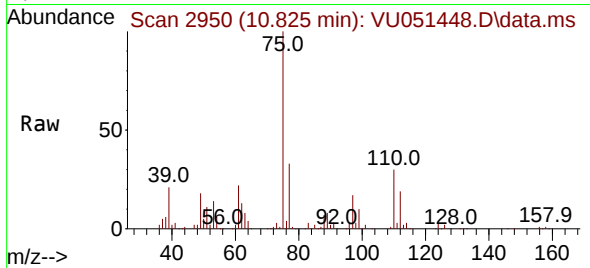
Tgt Ion: 83 Resp: 227228
Ion Ratio Lower Upper
83 100
131 9.3 7.2 10.8
85 65.1 51.4 77.2





#71
1,2,3-Trichloropropane
Concen: 10.971 ug/l m
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU051448.D
Acq: 19 Oct 2022 09:45

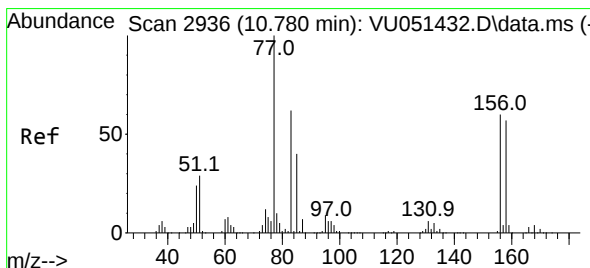
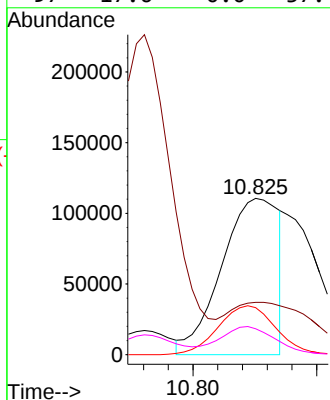
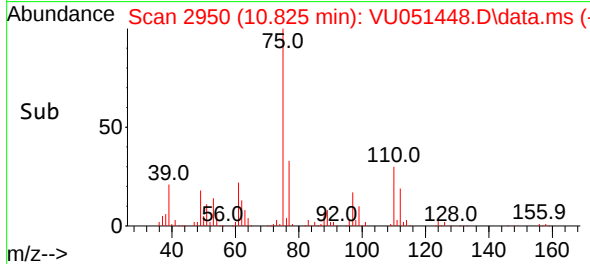
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



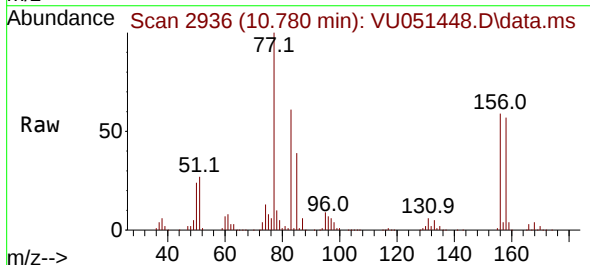
Tgt Ion: 75 Resp: 177299
Ion Ratio Lower Upper
75 100
77 49.6 0.0 111.0
110 31.8 0.0 70.2
97 17.6 0.0 37.4

Manual Integrations
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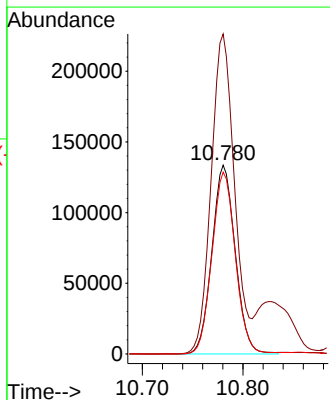
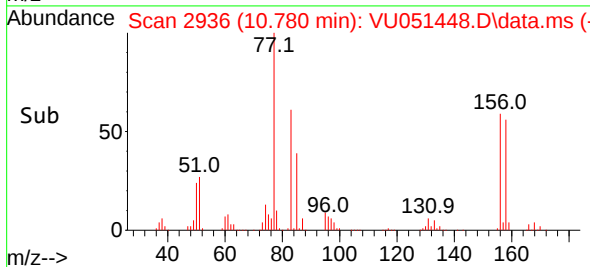
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

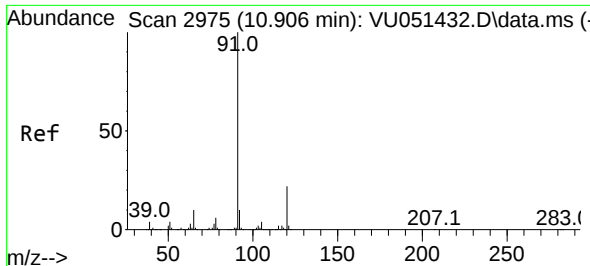


#72
Bromobenzene
Concen: 11.372 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VU051448.D
Acq: 19 Oct 2022 09:45



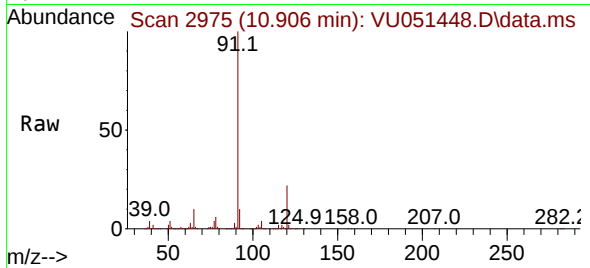
Tgt Ion:156 Resp: 215380
Ion Ratio Lower Upper
156 100
77 169.6 0.0 343.4
158 96.5 0.0 195.6





#73
n-propylbenzene
Concen: 10.223 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. -0.000 min
Lab File: VU051448.D
Acq: 19 Oct 2022 09:45

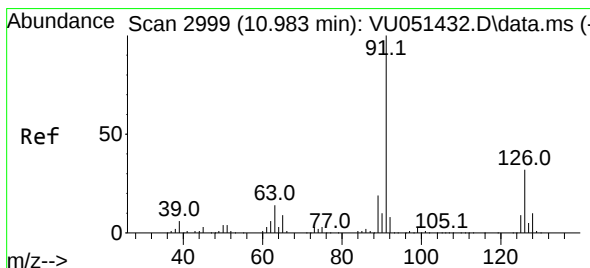
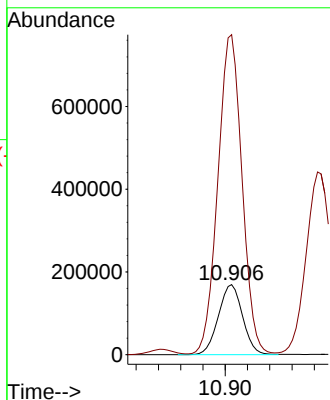
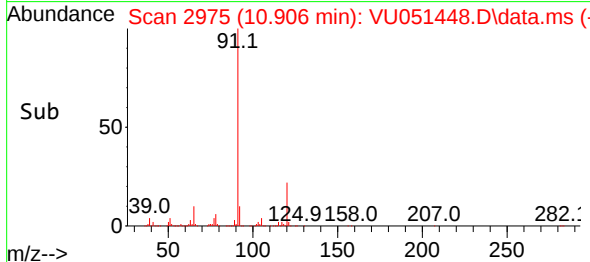
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



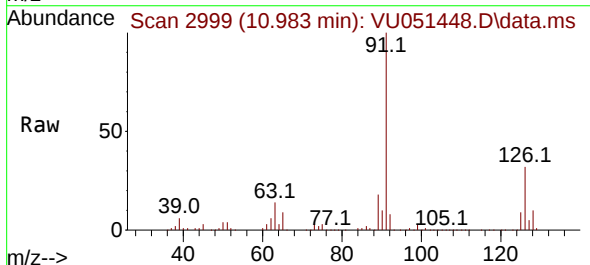
Tgt Ion:120 Resp: 255210
Ion Ratio Lower Upper
120 100
91 454.8 362.3 543.5

Manual Integrations
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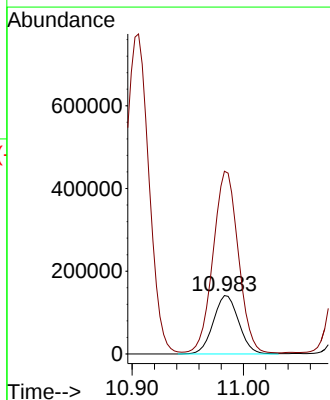
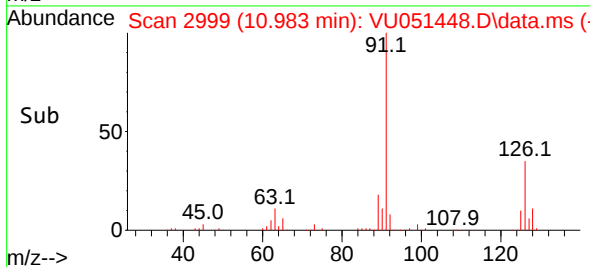
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

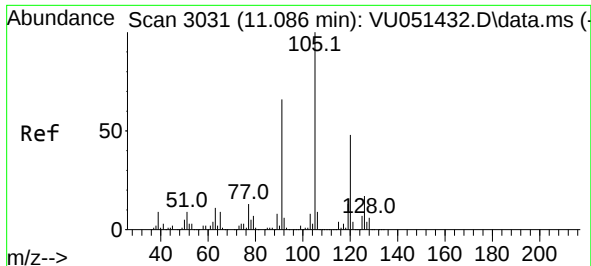


#74
2-Chlorotoluene
Concen: 12.117 ug/l
RT: 10.983 min Scan# 2999
Delta R.T. 0.000 min
Lab File: VU051448.D
Acq: 19 Oct 2022 09:45



Tgt Ion:126 Resp: 223414
Ion Ratio Lower Upper
126 100
91 309.2 0.0 623.2





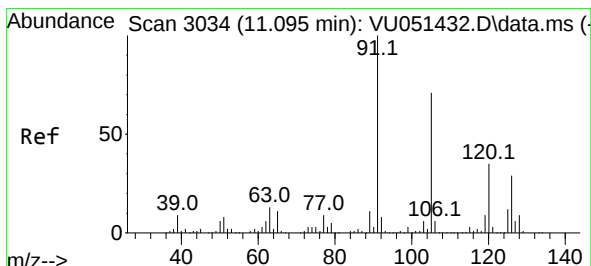
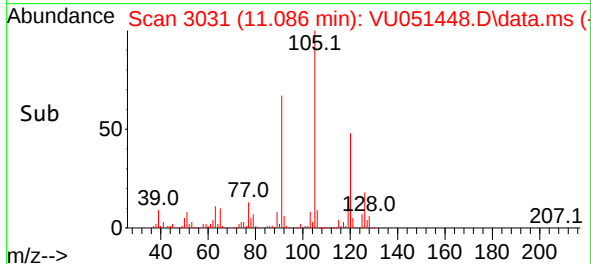
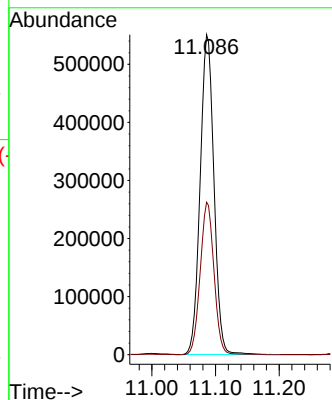
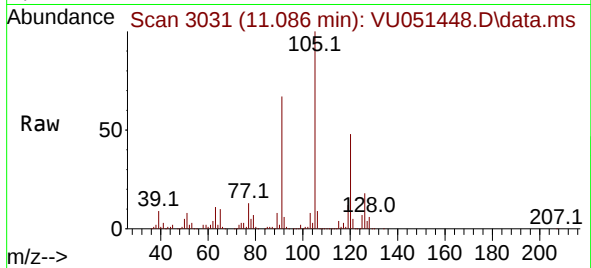
#75
1,3,5-Trimethylbenzene
Concen: 10.342 ug/l
RT: 11.086 min Scan# 3031
Delta R.T. -0.000 min
Lab File: VU051448.D
Acq: 19 Oct 2022 09:45

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:105 Resp: 82869
Ion Ratio Lower Upper
105 100
120 47.7 38.2 57.4

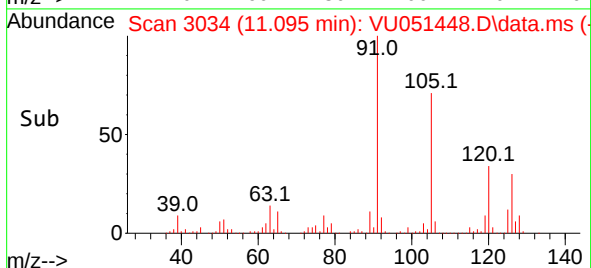
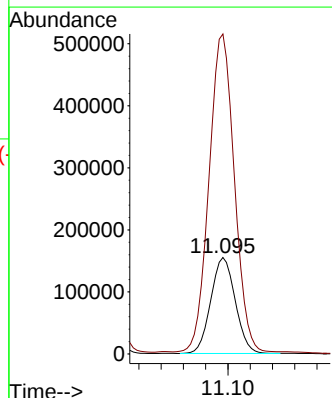
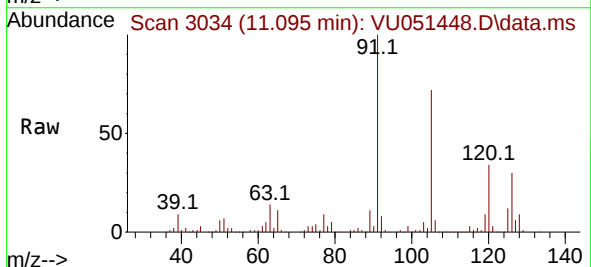
Manual Integrations
APPROVED

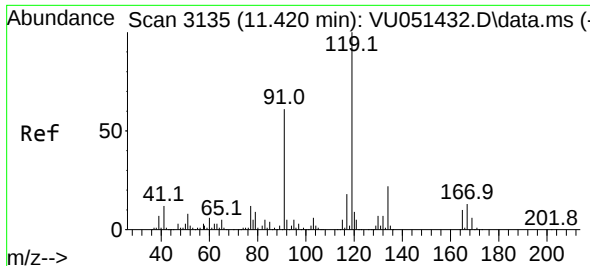
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#76
4-Chlorotoluene
Concen: 10.387 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU051448.D
Acq: 19 Oct 2022 09:45

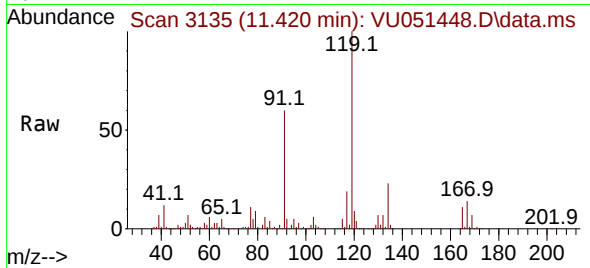
Tgt Ion:126 Resp: 234697
Ion Ratio Lower Upper
126 100
91 353.1 0.0 717.6





#77
 tert-Butylbenzene
 Concen: 12.242 ug/l
 RT: 11.420 min Scan# 3135
 Delta R.T. 0.000 min
 Lab File: VU051448.D
 Acq: 19 Oct 2022 09:45

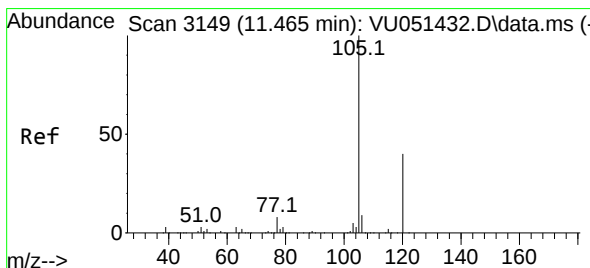
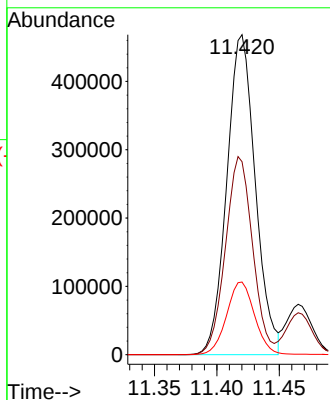
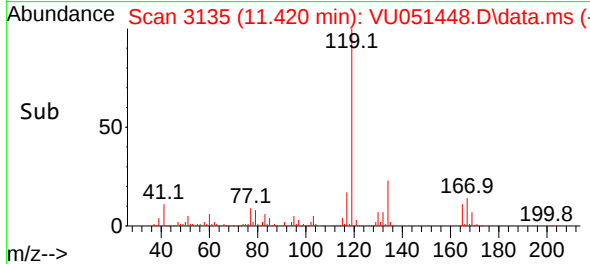
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010



Tgt Ion:119 Resp: 747350
 Ion Ratio Lower Upper
 119 100
 91 58.9 29.8 89.5
 134 22.4 17.9 26.9

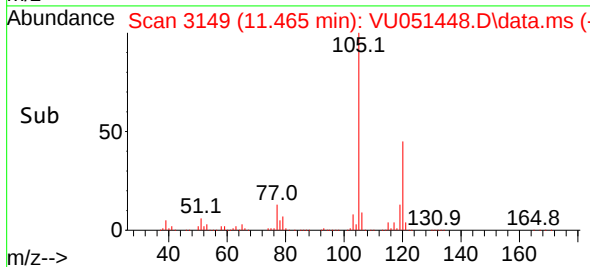
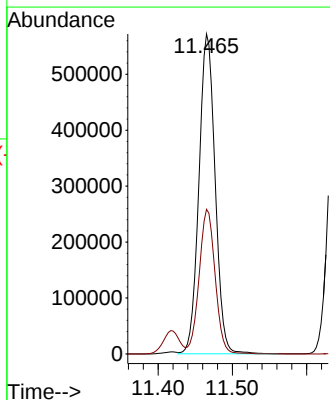
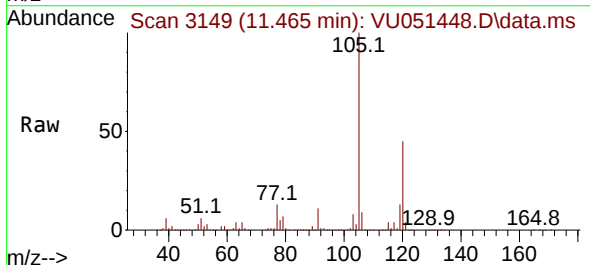
Manual Integrations
 APPROVED

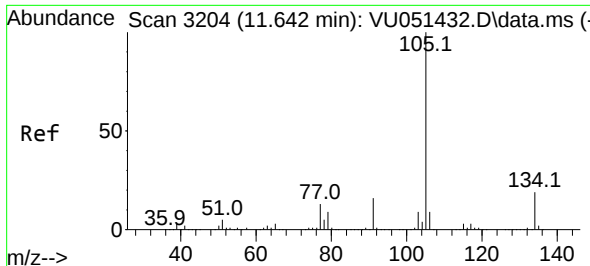
Reviewed By :Krupa Patel 10/20/2022
 Supervised By :Mahesh Dadoda 10/20/2022



#78
 1,2,4-Trimethylbenzene
 Concen: 10.311 ug/l
 RT: 11.465 min Scan# 3149
 Delta R.T. 0.000 min
 Lab File: VU051448.D
 Acq: 19 Oct 2022 09:45

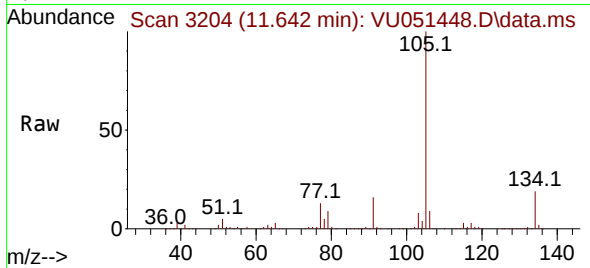
Tgt Ion:105 Resp: 866618
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.1 66.3





#79
 sec-Butylbenzene
 Concen: 10.373 ug/l
 RT: 11.642 min Scan# 3204
 Delta R.T. 0.000 min
 Lab File: VU051448.D
 Acq: 19 Oct 2022 09:45

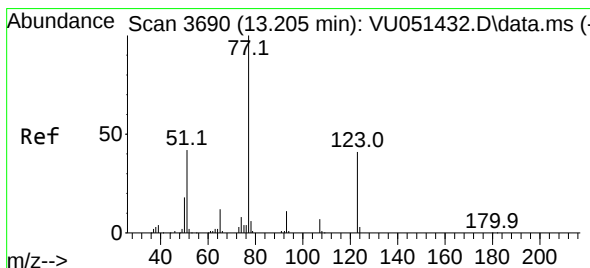
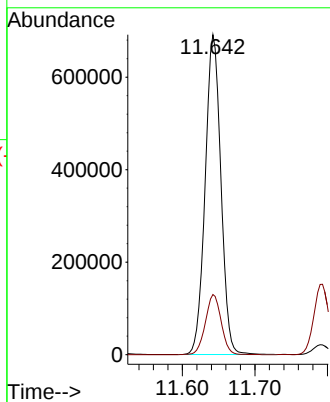
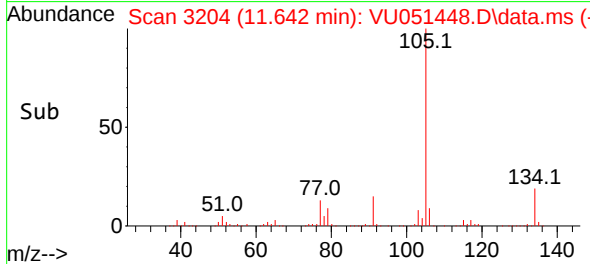
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010



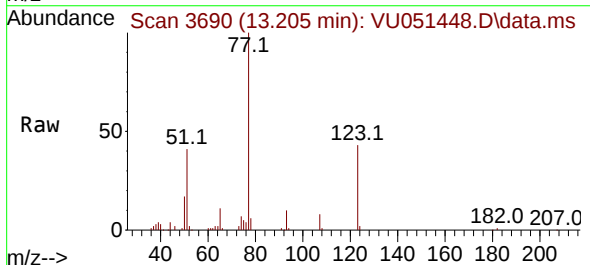
Tgt Ion:105 Resp: 1040579
 Ion Ratio Lower Upper
 105 100
 134 18.9 15.2 22.8

Manual Integrations
 APPROVED

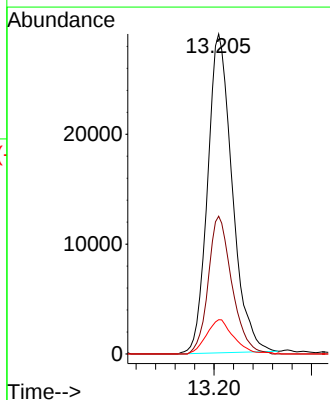
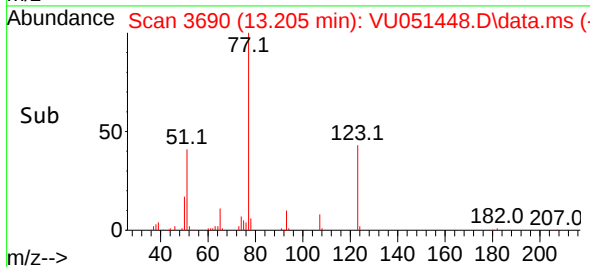
Reviewed By :Krupa Patel 10/20/2022
 Supervised By :Mahesh Dadoda 10/20/2022

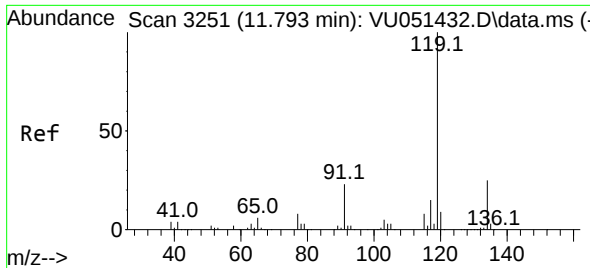


#80
 Nitrobenzene
 Concen: 47.332 ug/l
 RT: 13.205 min Scan# 3690
 Delta R.T. 0.000 min
 Lab File: VU051448.D
 Acq: 19 Oct 2022 09:45



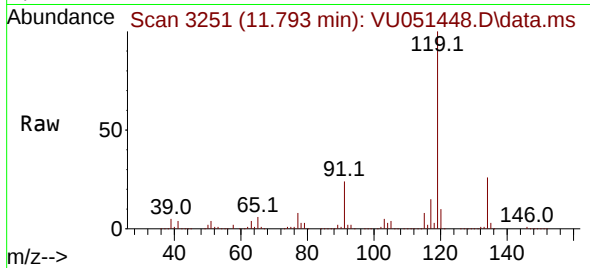
Tgt Ion: 77 Resp: 50976
 Ion Ratio Lower Upper
 77 100
 123 41.4 17.5 62.1
 65 11.9 11.1 14.1





#81
p-Isopropyltoluene
Concen: 10.352 ug/l
RT: 11.793 min Scan# 3251
Delta R.T. 0.000 min
Lab File: VU051448.D
Acq: 19 Oct 2022 09:45

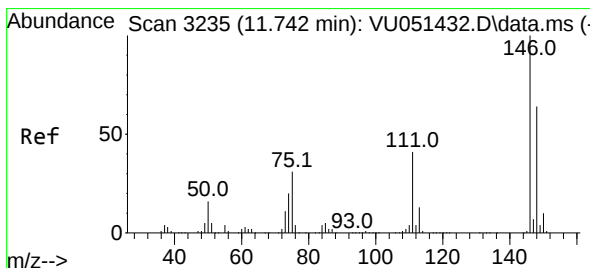
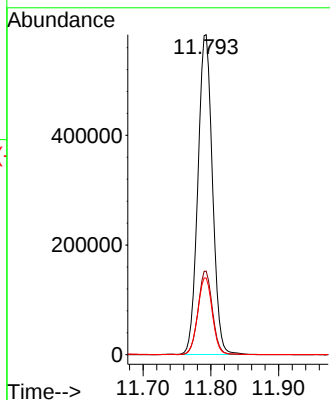
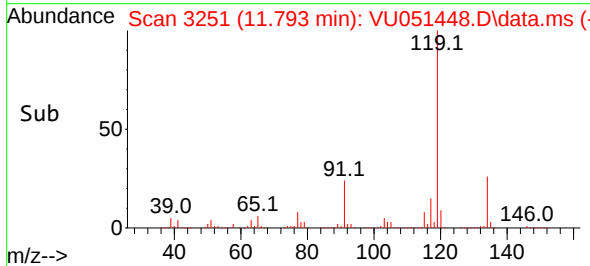
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



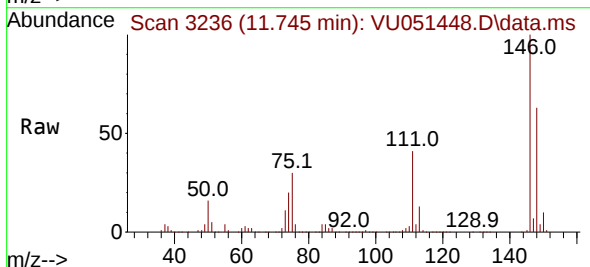
Tgt Ion:119 Resp: 869225
Ion Ratio Lower Upper
119 100
134 25.7 20.3 30.5
91 24.0 18.6 27.8

Manual Integrations
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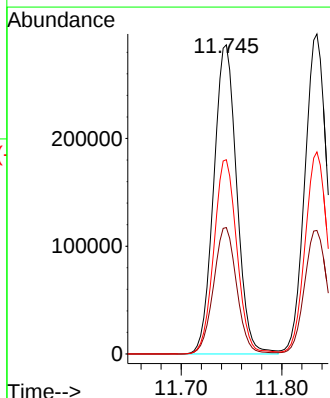
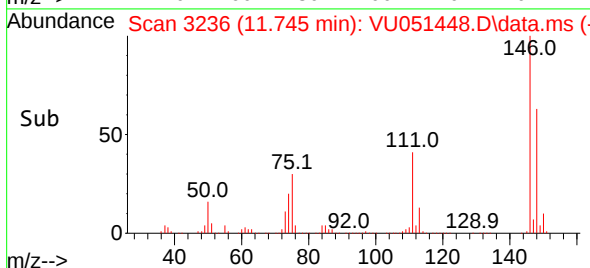
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

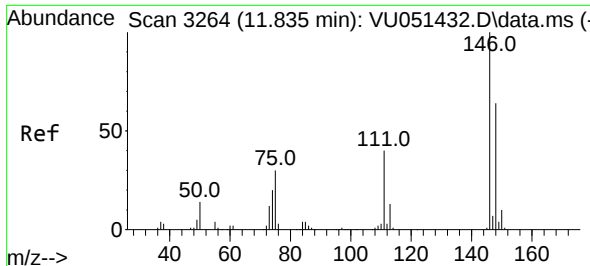


#82
1,3-Dichlorobenzene
Concen: 11.247 ug/l
RT: 11.745 min Scan# 3236
Delta R.T. 0.003 min
Lab File: VU051448.D
Acq: 19 Oct 2022 09:45



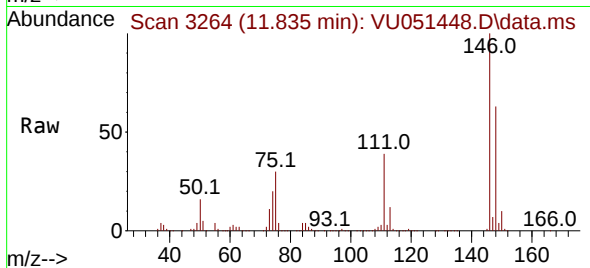
Tgt Ion:146 Resp: 457592
Ion Ratio Lower Upper
146 100
111 41.0 33.4 50.0
148 62.9 51.0 76.6





#83
1,4-Dichlorobenzene
Concen: 11.764 ug/l
RT: 11.835 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU051448.D
Acq: 19 Oct 2022 09:45

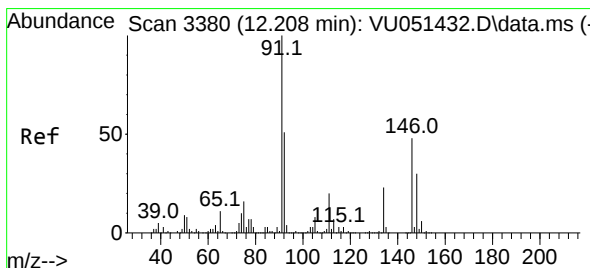
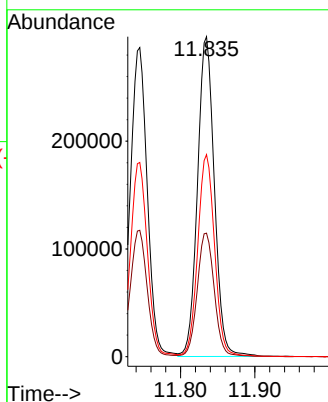
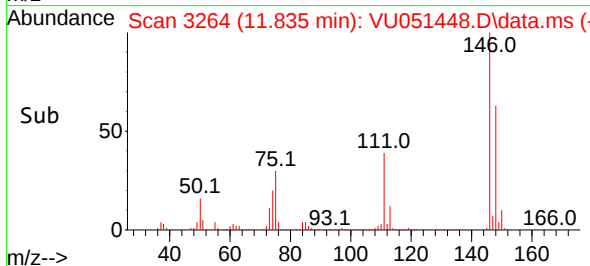
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



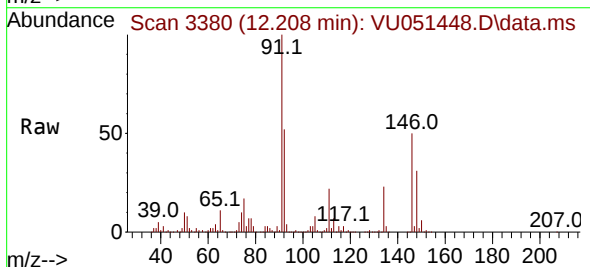
Tgt Ion:146 Resp: 468479
Ion Ratio Lower Upper
146 100
111 38.9 31.6 47.4
148 63.1 50.5 75.7

Manual Integrations
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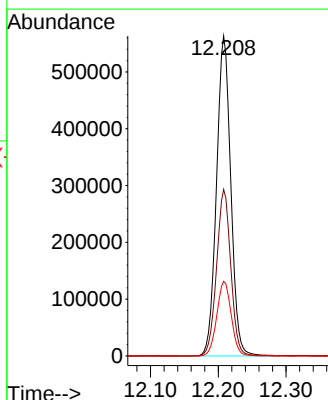
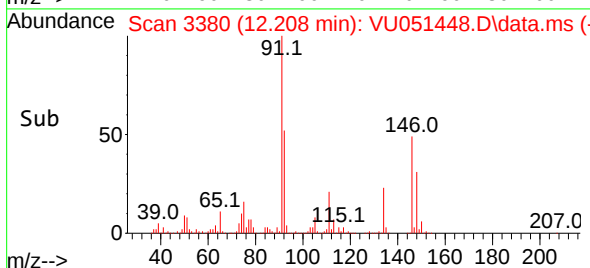
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

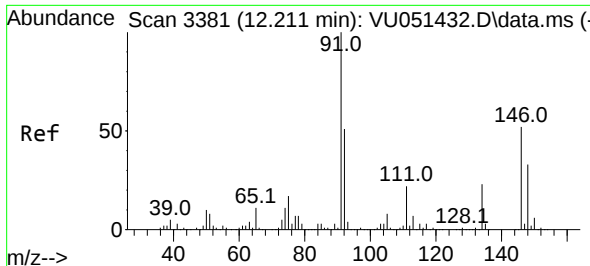


#84
n-Butylbenzene
Concen: 10.287 ug/l
RT: 12.208 min Scan# 3380
Delta R.T. -0.000 min
Lab File: VU051448.D
Acq: 19 Oct 2022 09:45



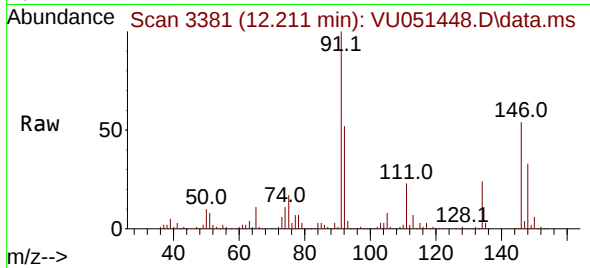
Tgt Ion: 91 Resp: 824551
Ion Ratio Lower Upper
91 100
92 51.6 40.6 61.0
134 23.6 18.3 27.5





#85
1,2-Dichlorobenzene
Concen: 11.259 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU051448.D
Acq: 19 Oct 2022 09:45

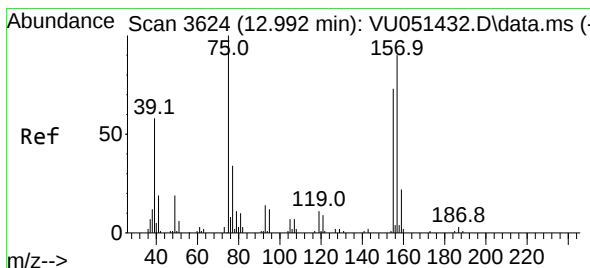
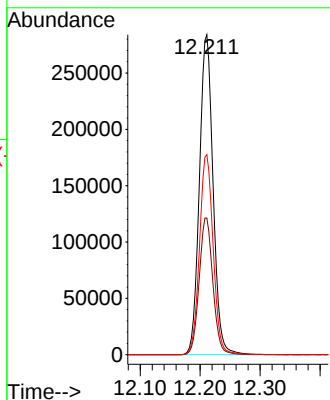
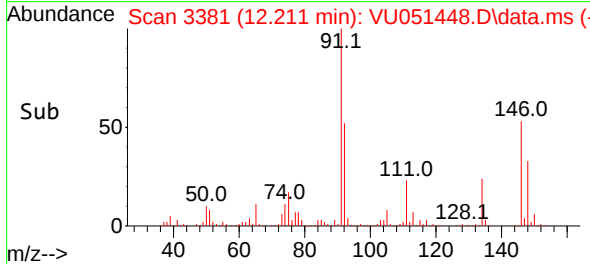
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



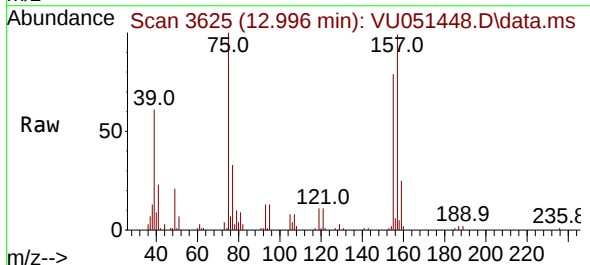
Tgt Ion:146 Resp: 45139
Ion Ratio Lower Upper
146 100
111 42.9 21.3 63.9
148 62.6 31.8 95.4

Manual Integrations
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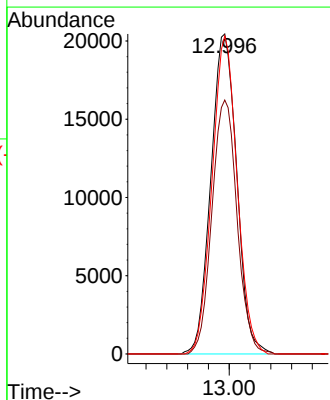
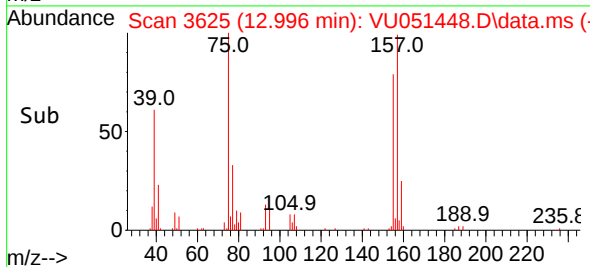
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

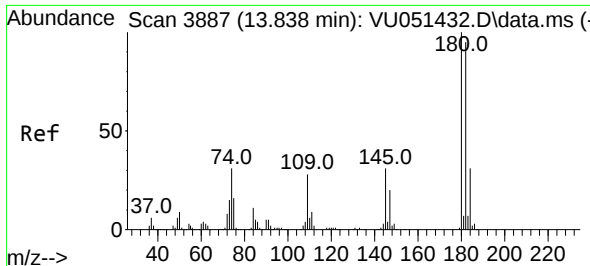


#86
1,2-Dibromo-3-Chloropropane
Concen: 10.387 ug/l
RT: 12.996 min Scan# 3625
Delta R.T. 0.003 min
Lab File: VU051448.D
Acq: 19 Oct 2022 09:45



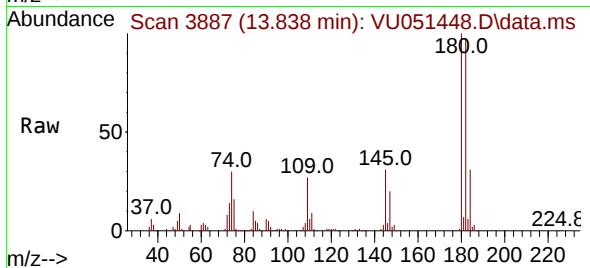
Tgt Ion: 75 Resp: 35327
Ion Ratio Lower Upper
75 100
155 77.2 58.5 87.7
157 96.4 75.3 112.9





#87
1,2,4-Trichlorobenzene
Concen: 11.026 ug/l
RT: 13.838 min Scan# 3887
Delta R.T. 0.000 min
Lab File: VU051448.D
Acq: 19 Oct 2022 09:45

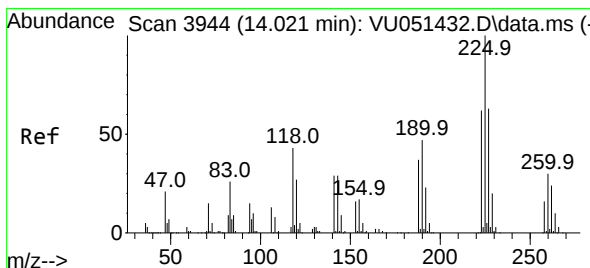
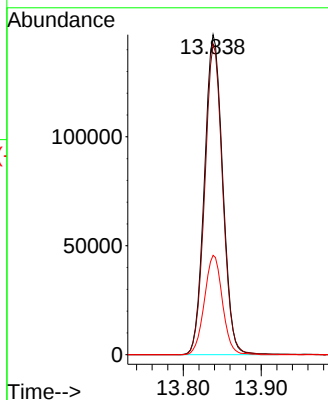
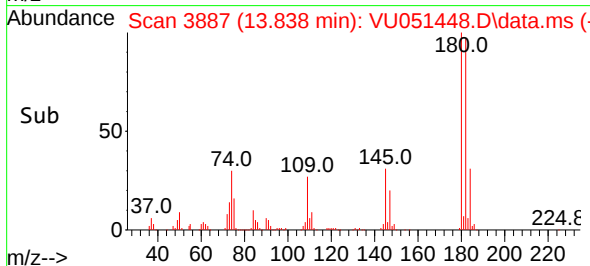
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



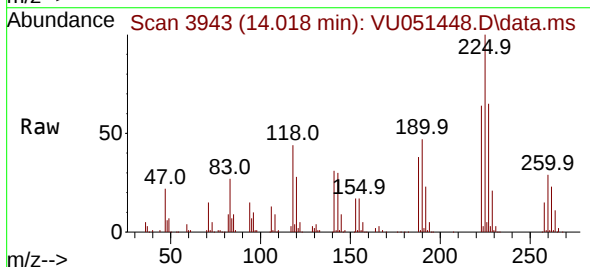
Tgt Ion:180 Resp: 239434
Ion Ratio Lower Upper
180 100
182 95.3 75.9 113.9
145 30.6 24.9 37.3

Manual Integrations
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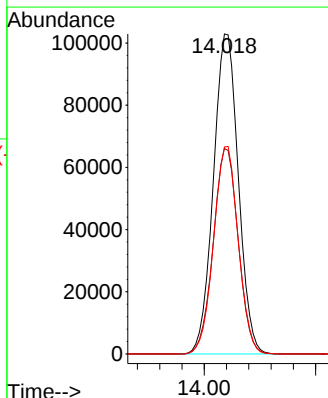
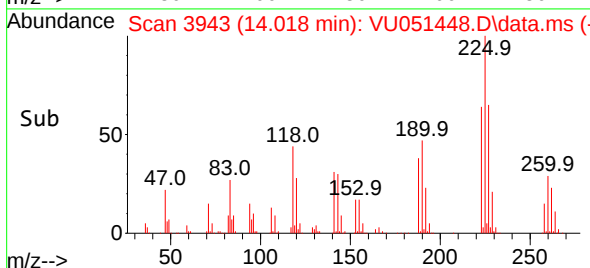
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

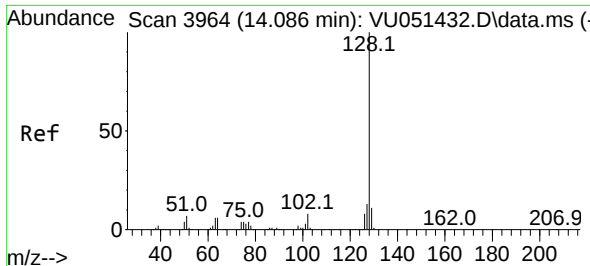


#88
Hexachlorobutadiene
Concen: 11.292 ug/l
RT: 14.018 min Scan# 3943
Delta R.T. -0.003 min
Lab File: VU051448.D
Acq: 19 Oct 2022 09:45



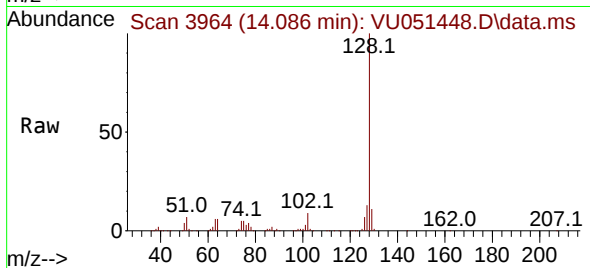
Tgt Ion:225 Resp: 159875
Ion Ratio Lower Upper
225 100
223 64.1 50.1 75.1
227 64.1 51.4 77.2





#89
Naphthalene
Concen: 10.438 ug/l
RT: 14.086 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU051448.D
Acq: 19 Oct 2022 09:45

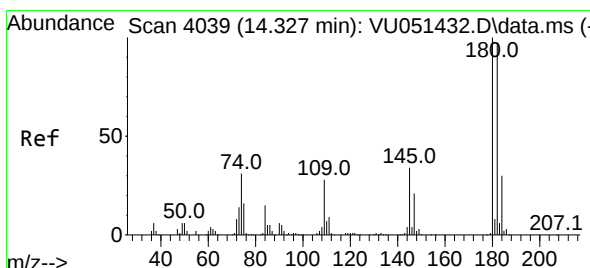
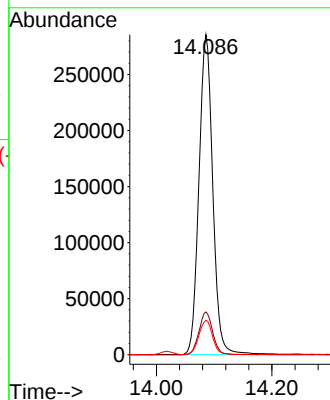
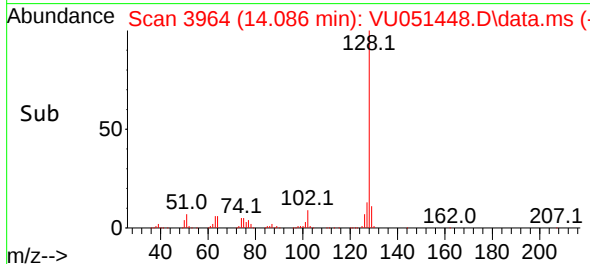
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



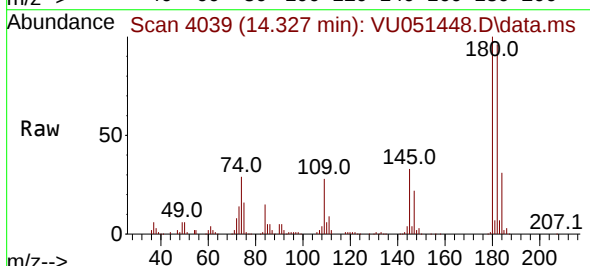
Tgt Ion:128 Resp: 474290
Ion Ratio Lower Upper
128 100
127 13.3 10.7 16.1
129 10.6 8.4 12.6

Manual Integrations
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Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#90
1,2,3-Trichlorobenzene
Concen: 10.657 ug/l
RT: 14.327 min Scan# 4039
Delta R.T. 0.000 min
Lab File: VU051448.D
Acq: 19 Oct 2022 09:45



Tgt Ion:180 Resp: 253169
Ion Ratio Lower Upper
180 100
182 95.2 75.8 113.6
145 32.7 26.6 39.8

