

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081922\
 Data File : VU050375.D
 Acq On : 19 Aug 2022 14:25
 Operator : SY/MD
 Sample : VSTDIC015
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/30/2022
 Supervised By :Mahesh Dadoda 09/09/2022

Quant Time: Aug 19 14:58:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081922DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Aug 19 14:27:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.105	96	40867	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.635	95	15765	1.112	ug/l	0.00
Spiked Amount 1.000			Recovery	=	111.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	17447	1.096	ug/l	0.00
Spiked Amount 1.000			Recovery	=	110.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	255610	16.300	ug/l	99
3) Chloromethane	1.520	50	294851	15.365	ug/l	100
4) Vinyl Chloride	1.604	62	269083	15.979	ug/l	100
5) Bromomethane	1.851	94	102495	14.309	ug/l	98
6) Chloroethane	1.928	64	158115	15.088	ug/l	99
7) Trichlorofluoromethane	2.137	101	329138	16.662	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.578	101	180359	16.875	ug/l	98
9) 1,1-Dichloroethene	2.578	96	180507	16.083	ug/l	98
10) Iodomethane	2.719	142	160180	14.794	ug/l	96
11) Allyl Chloride	2.922	41	275188	14.978	ug/l	97
12) Acrylonitrile	3.321	53	107055	29.092	ug/l	97
13) Acetone	2.629	43	181884	69.416	ug/l	96
14) Carbon Disulfide	2.790	76	541086	14.231	ug/l	100
15) Methylene Chloride	3.041	84	212035	13.744	ug/l	94
16) trans-1,2-Dichloroethene	3.350	96	188981	15.453	ug/l	96
17) 1,1-Dichloroethane	3.874	63	385325	15.586	ug/l	99
18) 2-Butanone	4.729	43	304678	74.540	ug/l	100
19) Cyclohexane	5.362	56	283132m	19.283	ug/l	
20) Methylcyclohexane	6.767	83	274428	19.520	ug/l	100
21) 2,2-Dichloropropane	4.661	77	284963	15.539	ug/l	98
22) cis-1,2-Dichloroethene	4.665	96	208948	15.604	ug/l	95
23) Diethyl Ether	2.379	59	156861	15.525	ug/l	99
24) tert-Butyl Alcohol	3.205	59	212558	148.542	ug/l	99
25) Methyl tert-Butyl Ether	3.372	73	490019	15.458	ug/l	95
26) Bromochloromethane	4.967	128	83559	13.953	ug/l	93
27) Chloroform	5.079	83	370237	15.822	ug/l	98
28) 1,1,1-Trichloroethane	5.298	97	315838	16.880	ug/l	99
29) 1,1-Dichloropropene	5.504	75	248007	17.157	ug/l	99
30) Carbon Tetrachloride	5.501	117	242056	15.937	ug/l	98
31) Isopropyl Ether	4.012	45	602841	15.881	ug/l	98
32) Ethyl-t-butyl ether	4.520	59	502359	16.499	ug/l	99
33) Tert-Amyl methyl ether	5.954	73	340997	16.860	ug/l	98
34) Propionitrile	4.796	54	97668	70.765	ug/l	97
35) Benzene	5.758	78	762631	15.916	ug/l	97
36) 1,2-Dichloroethane	5.790	62	226711	15.111	ug/l	99
37) Trichloroethene	6.542	130	182973	15.726	ug/l	99
38) 1,2-Dichloropropane	6.806	63	212480	16.217	ug/l	99
39) Methacrylonitrile	4.983	41	72586	16.253	ug/l	94
40) Methyl acrylate	4.858	55	125865	16.091	ug/l	99
41) Tetrahydrofuran	5.073	42	75572	31.132	ug/l	98
42) 1-Chlorobutane	5.439	56	369493	17.913	ug/l	96
43) Dibromomethane	6.931	93	111955	15.489	ug/l	99
44) Bromodichloromethane	7.118	83	265811	15.782	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.816	43	654750	84.788	ug/l	98
46) t-1,4-Dichloro-2-butene	10.832	75	128762m	47.728	ug/l	
47) Methyl methacrylate	6.983	69	210291	36.154	ug/l	92
48) Ethyl methacrylate	8.346	69	191849	18.750	ug/l	93
49) Toluene	7.976	92	484724	18.238	ug/l	97
50) t-1,3-Dichloropropene	8.221	75	238042	17.221	ug/l	99
51) cis-1,3-Dichloropropene	7.619	75	266486	16.864	ug/l	94
52) 1,1,2-Trichloroethane	8.410	97	162080	15.051	ug/l	99
53) 1,3-Dichloropropane	8.584	76	272171	16.204	ug/l	99
54) 2-Hexanone	8.700	43	455221	85.070	ug/l	98
55) Dibromochloromethane	8.816	129	183221	15.873	ug/l	100
56) 1,2-Dibromoethane	8.931	107	151560	16.055	ug/l	100
58) Tetrachloroethene	8.558	164	171857	15.795	ug/l	99
59) Chlorobenzene	9.452	112	499898	17.383	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.539	131	192418	16.174	ug/l	98
61) Pentachloroethane	11.430	117	159559	16.226	ug/l	98
62) Hexachloroethane	12.478	117	147229	19.020	ug/l	99
63) Ethyl Benzene	9.574	91	914588	20.176	ug/l	99
64) m/p-Xylenes	9.697	106	715930	40.610	ug/l	99
65) o-Xylene	10.105	106	334356	19.617	ug/l	99
66) Styrene	10.118	104	598005	21.270	ug/l	98
67) Bromoform	10.295	173	105642	15.769	ug/l	99
69) Isopropylbenzene	10.488	105	893361	20.467	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.787	83	227605	15.501	ug/l	97
71) 1,2,3-Trichloropropane	10.828	75	179370m	17.025	ug/l	
72) Bromobenzene	10.783	156	215283	17.688	ug/l	97
73) n-propylbenzene	10.909	120	247487	21.551	ug/l	98
74) 2-Chlorotoluene	10.989	126	220039	19.565	ug/l	98
75) 1,3,5-Trimethylbenzene	11.089	105	782932	20.542	ug/l	100
76) 4-Chlorotoluene	11.098	126	226887	20.129	ug/l	86
77) tert-Butylbenzene	11.423	119	744812	19.923	ug/l	98
78) 1,2,4-Trimethylbenzene	11.468	105	827581	21.049	ug/l	99
79) sec-Butylbenzene	11.645	105	1023018	20.718	ug/l	100
80) Nitrobenzene	13.208	77	63252	71.274	ug/l	95
81) p-Isopropyltoluene	11.796	119	837504	21.179	ug/l	99
82) 1,3-Dichlorobenzene	11.748	146	446471	18.024	ug/l	99
83) 1,4-Dichlorobenzene	11.838	146	451626	18.106	ug/l	98
84) n-Butylbenzene	12.211	91	772644	20.602	ug/l	98
85) 1,2-Dichlorobenzene	12.214	146	434729	17.557	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.995	75	37830	16.089	ug/l	98
87) 1,2,4-Trichlorobenzene	13.841	180	275765	19.111	ug/l	99
88) Hexachlorobutadiene	14.021	225	156930	18.381	ug/l	99
89) Naphthalene	14.089	128	636178	19.484	ug/l	99
90) 1,2,3-Trichlorobenzene	14.330	180	290500	19.554	ug/l	99

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

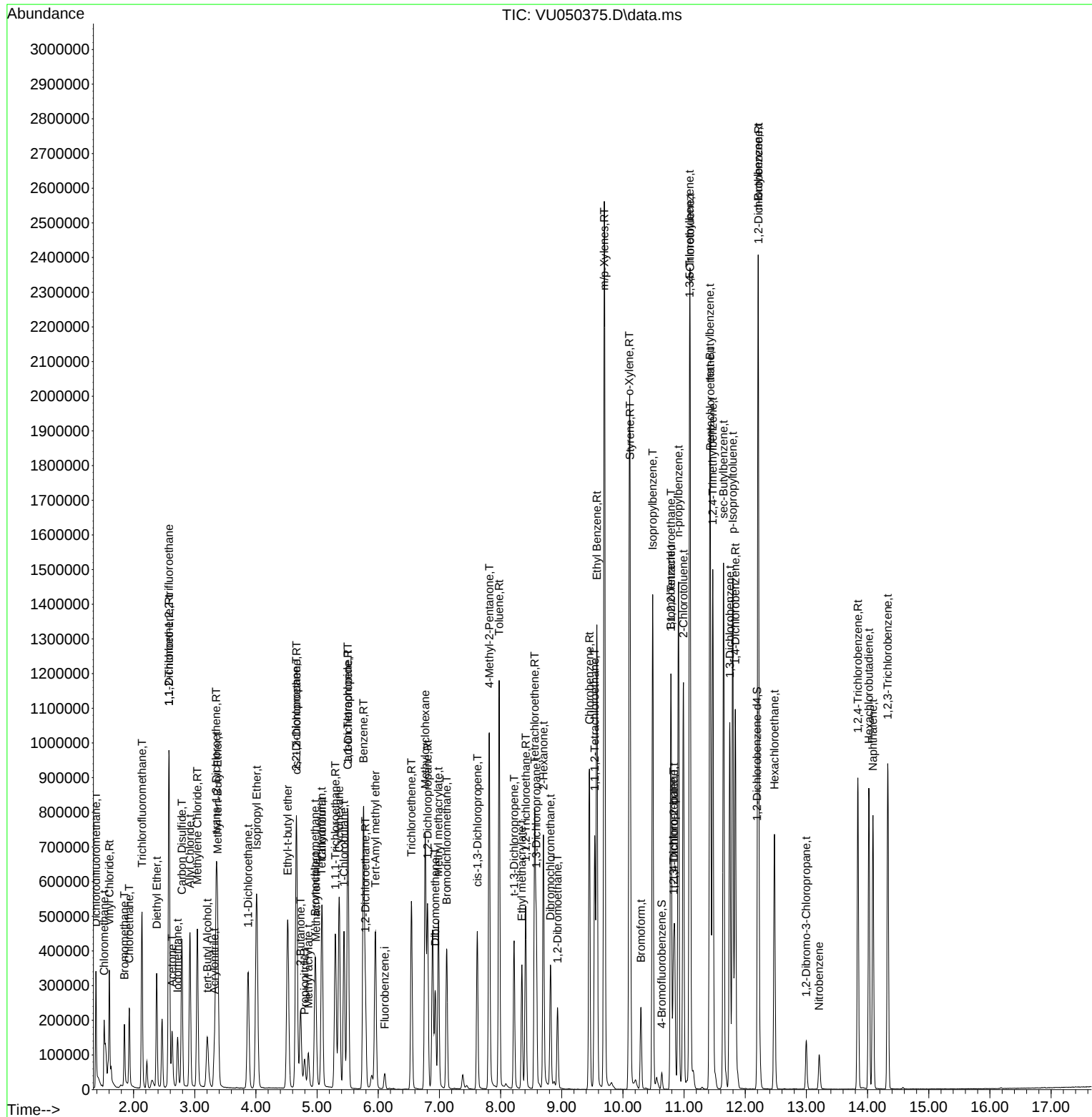
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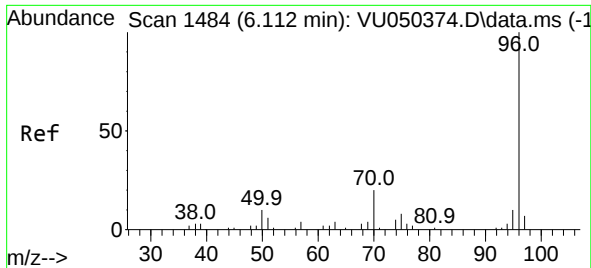
Instrument :
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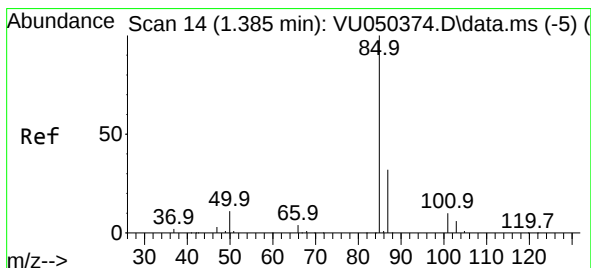
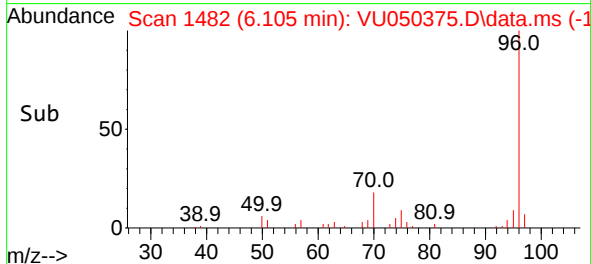
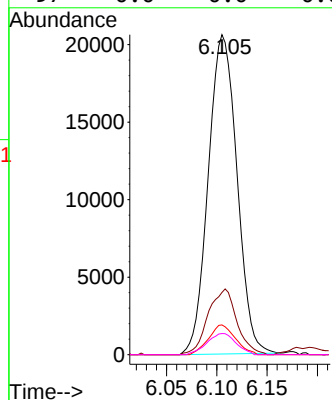
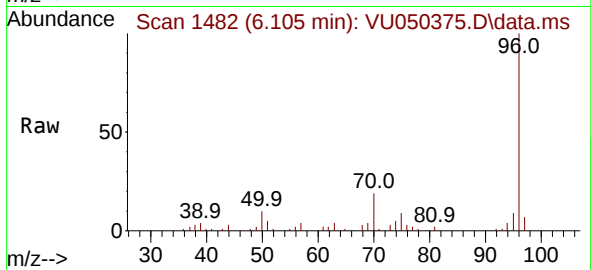
#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.105 min Scan# 14
Delta R.T. -0.007 min
Lab File: VU050375.D
Acq: 19 Aug 2022 14:25

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion: 96 Resp: 4086
Ion Ratio Lower Upper
96 100
70 20.6 16.7 25.1
95 0.0 7.4 11.0
97 0.0 0.0 0.0

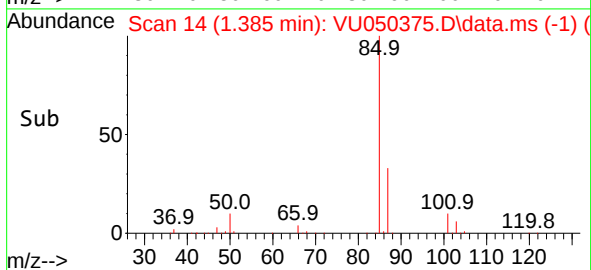
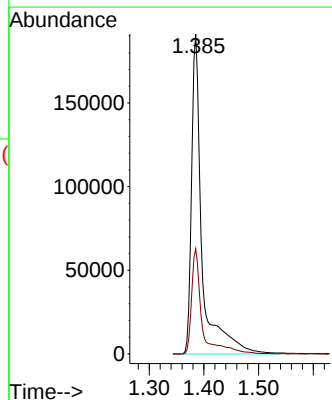
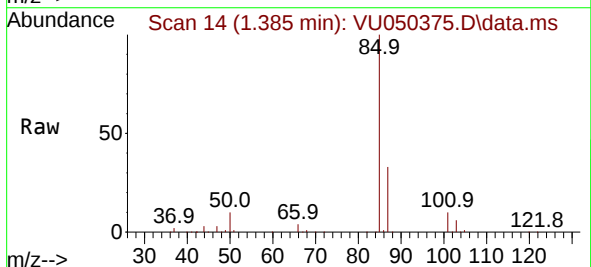
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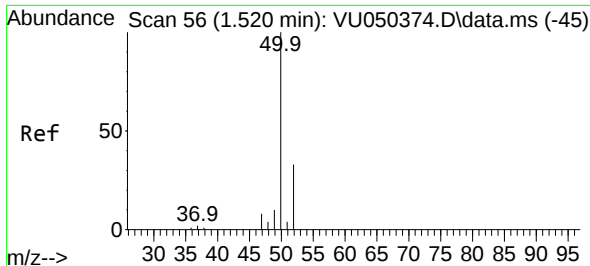
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#2
Dichlorodifluoromethane
Concen: 16.300 ug/l
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU050375.D
Acq: 19 Aug 2022 14:25

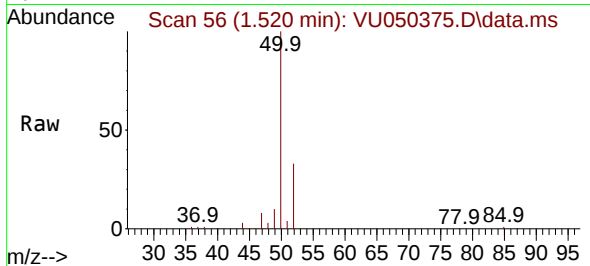
Tgt Ion: 85 Resp: 255610
Ion Ratio Lower Upper
85 100
87 32.8 16.3 48.8





#3
Chloromethane
Concen: 15.365 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.000 min
Lab File: VU050375.D
Acq: 19 Aug 2022 14:25

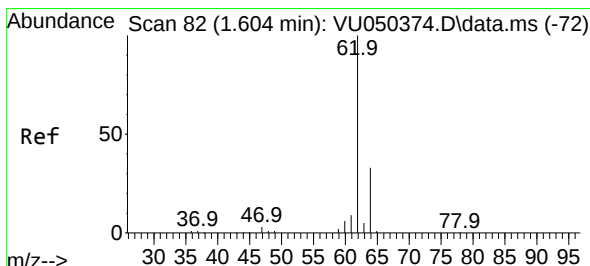
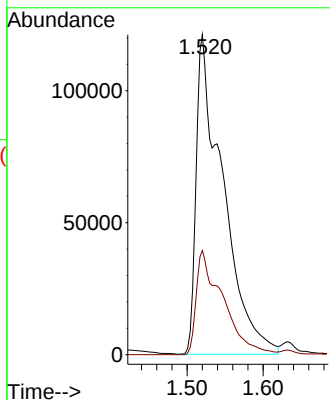
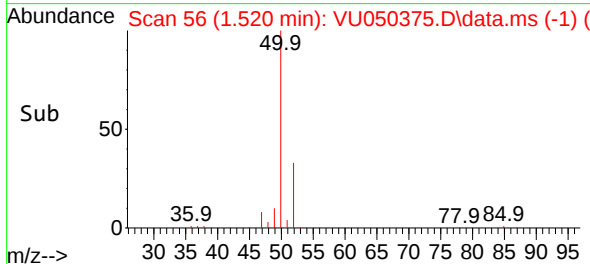
Instrument :
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Tgt Ion: 50 Resp: 29485
Ion Ratio Lower Upper
50 100
52 32.6 26.1 39.1

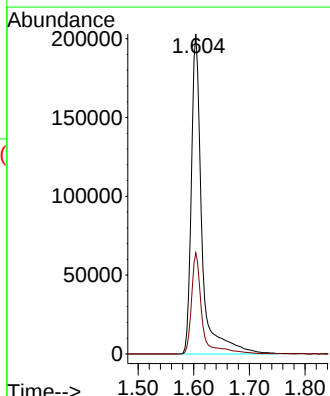
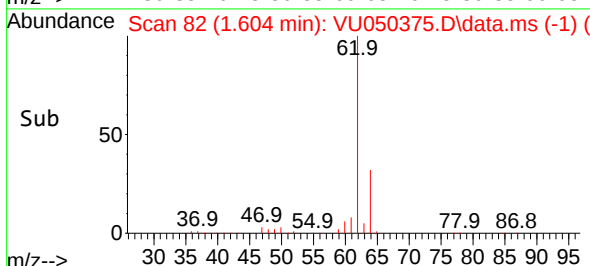
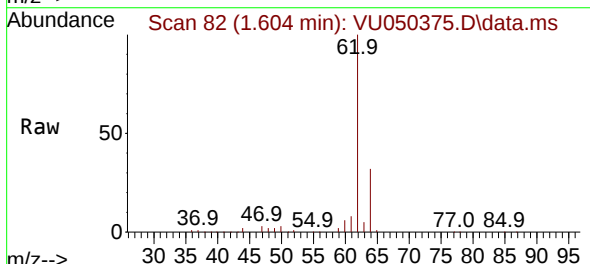
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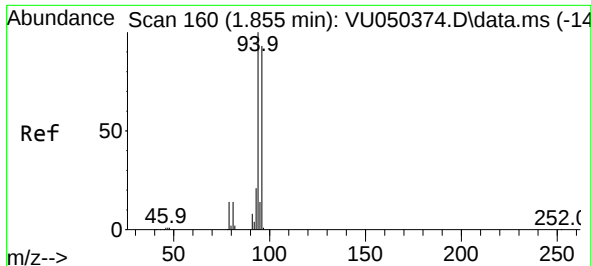
Reviewed By :Krupa Patel 08/30/2022
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#4
Vinyl Chloride
Concen: 15.979 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU050375.D
Acq: 19 Aug 2022 14:25

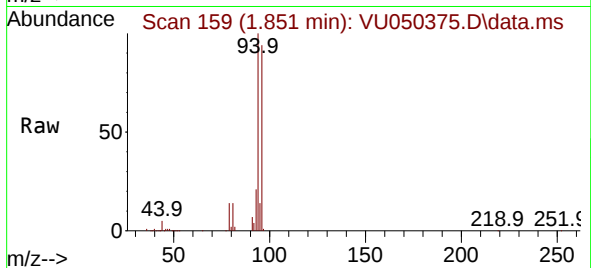
Tgt Ion: 62 Resp: 269083
Ion Ratio Lower Upper
62 100
64 31.6 25.5 38.3





#5
Bromomethane
Concen: 14.309 ug/l
RT: 1.851 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU050375.D
Acq: 19 Aug 2022 14:25

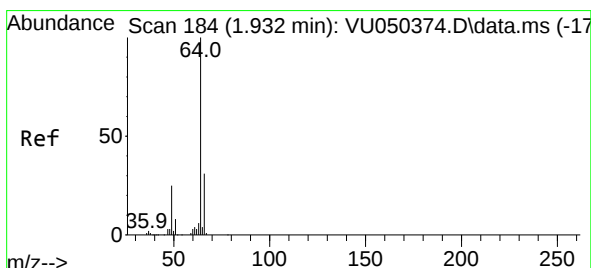
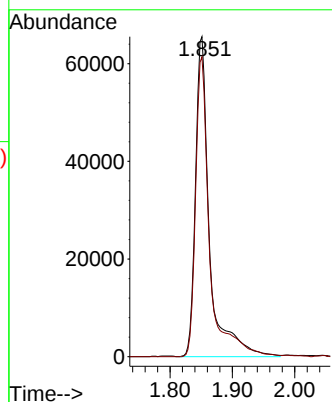
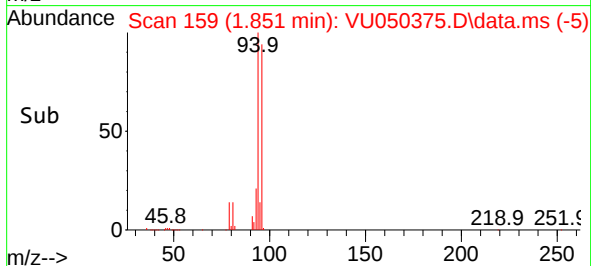
Instrument :
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Tgt Ion: 94 Resp: 10249
Ion Ratio Lower Upper
94 100
96 93.6 73.0 109.6

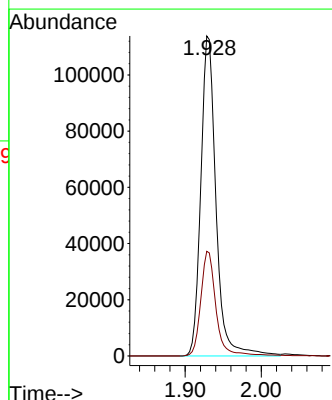
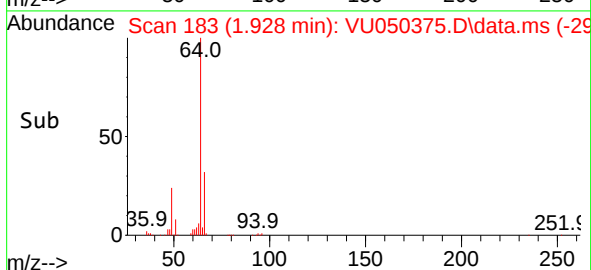
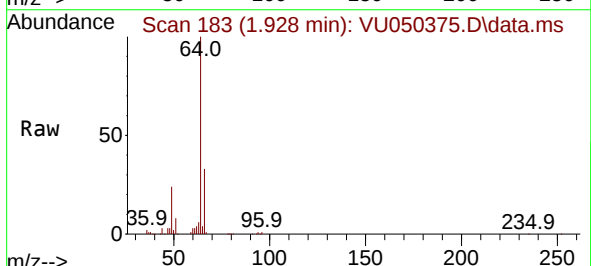
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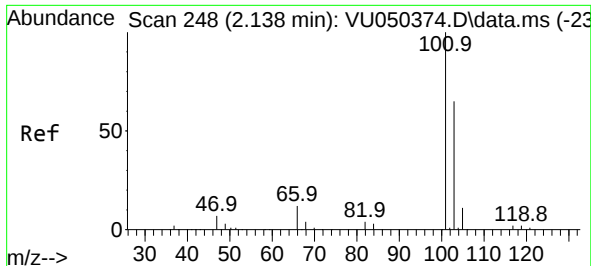
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#6
Chloroethane
Concen: 15.088 ug/l
RT: 1.928 min Scan# 183
Delta R.T. -0.003 min
Lab File: VU050375.D
Acq: 19 Aug 2022 14:25

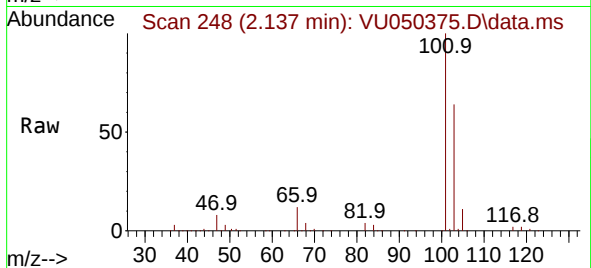
Tgt Ion: 64 Resp: 158115
Ion Ratio Lower Upper
64 100
66 32.7 25.8 38.6





#7
 Trichlorofluoromethane
 Concen: 16.662 ug/l
 RT: 2.137 min Scan# 248
 Delta R.T. -0.000 min
 Lab File: VU050375.D
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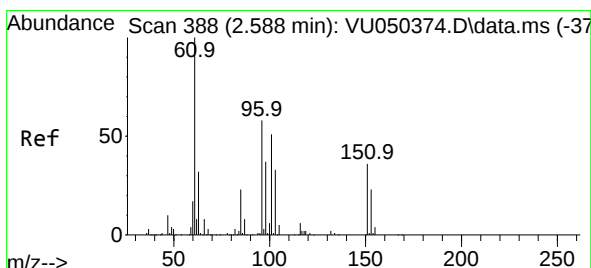
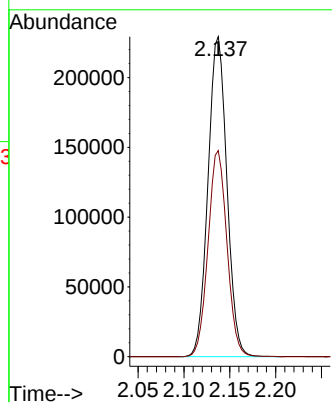
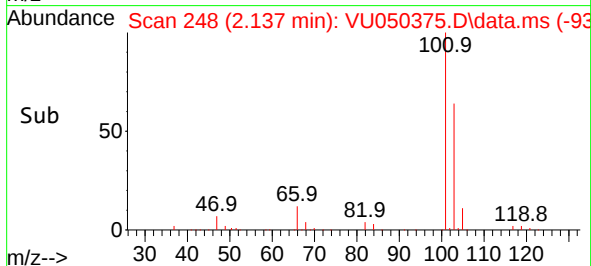
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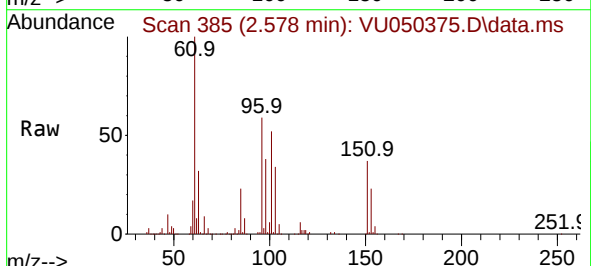
Tgt Ion:101 Resp: 329138
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.8 77.6

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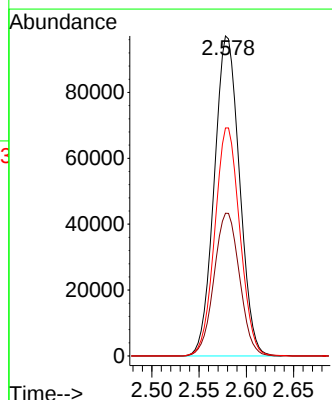
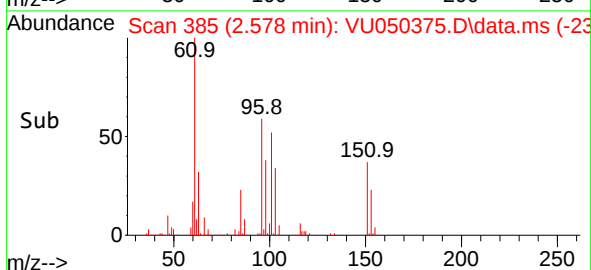
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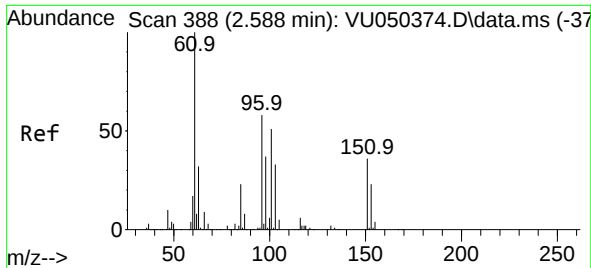


#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 16.875 ug/l
 RT: 2.578 min Scan# 385
 Delta R.T. -0.010 min
 Lab File: VU050375.D
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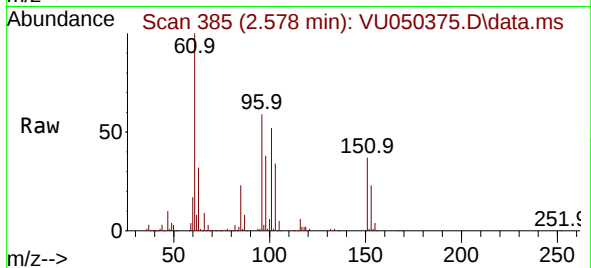
Tgt Ion:101 Resp: 180359
 Ion Ratio Lower Upper
 101 100
 85 45.1 36.4 54.6
 151 71.1 59.1 88.7





#9
1,1-Dichloroethene
Concen: 16.083 ug/l
RT: 2.578 min Scan# 388
Delta R.T. -0.010 min
Lab File: VU050375.D
Acq: 19 Aug 2022 14:25

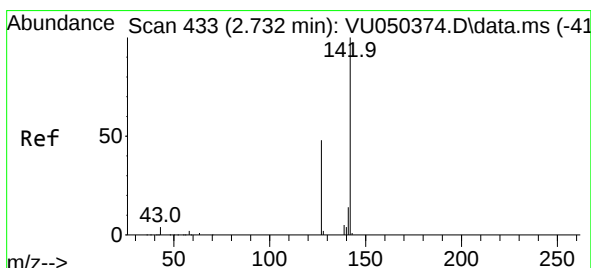
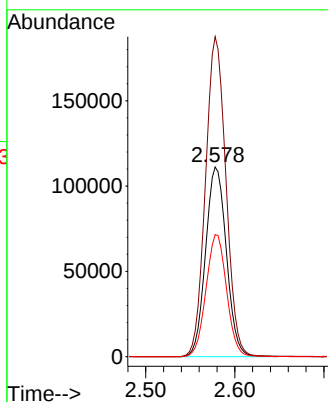
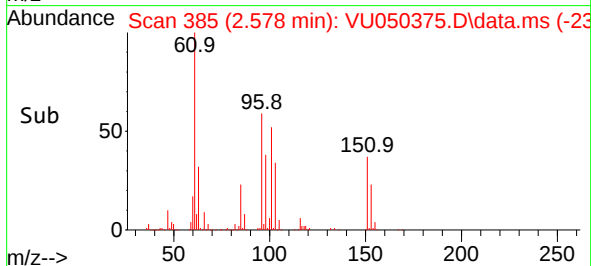
Instrument :
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Tgt Ion: 96 Resp: 18050
Ion Ratio Lower Upper
96 100
61 168.7 0.0 510.6
98 64.3 0.0 124.6

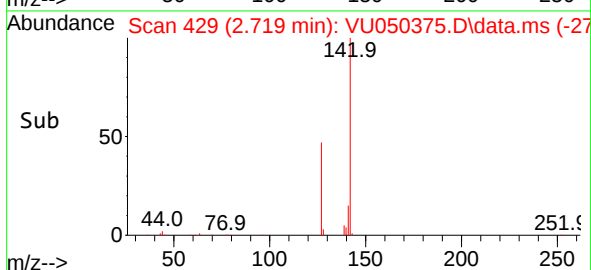
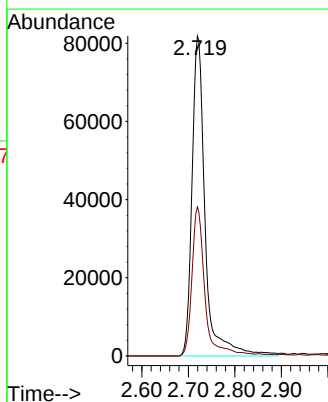
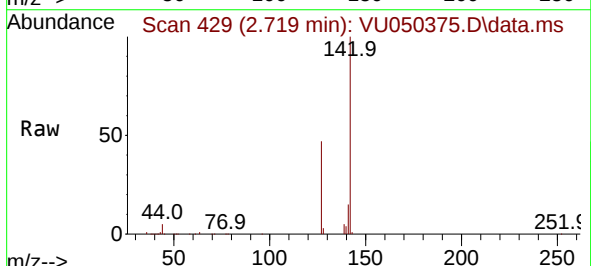
Manual Integrations
APPROVED

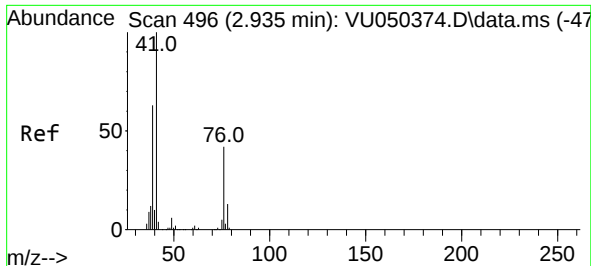
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#10
Iodomethane
Concen: 14.794 ug/l
RT: 2.719 min Scan# 429
Delta R.T. -0.013 min
Lab File: VU050375.D
Acq: 19 Aug 2022 14:25

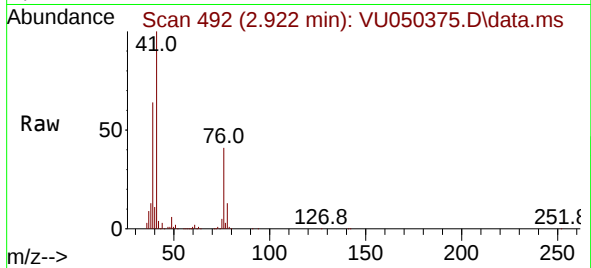
Tgt Ion:142 Resp: 160180
Ion Ratio Lower Upper
142 100
127 45.1 38.2 57.2





#11
 Allyl Chloride
 Concen: 14.978 ug/l
 RT: 2.922 min Scan# 496
 Delta R.T. -0.013 min
 Lab File: VU050375.D
 Acq: 19 Aug 2022 14:25

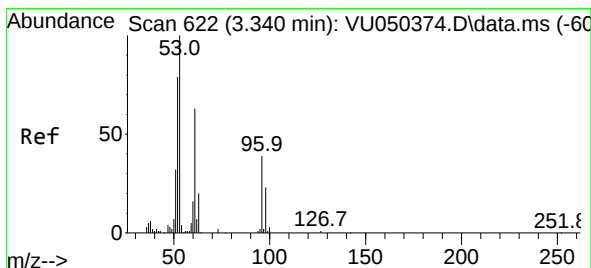
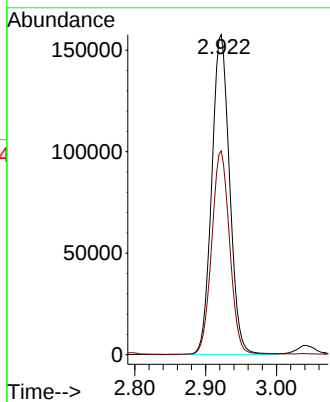
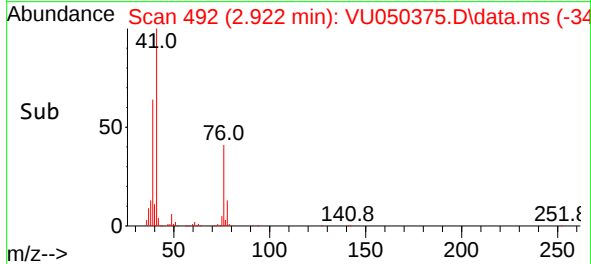
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015



Tgt Ion: 41 Resp: 275188
 Ion Ratio Lower Upper
 41 100
 39 64.1 53.2 79.8

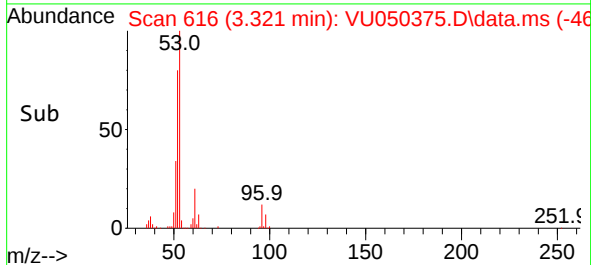
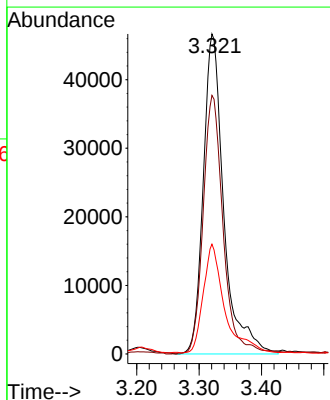
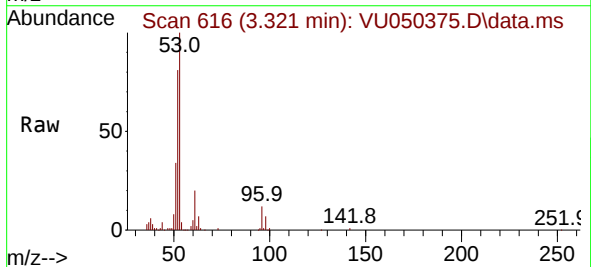
Manual Integrations
 APPROVED

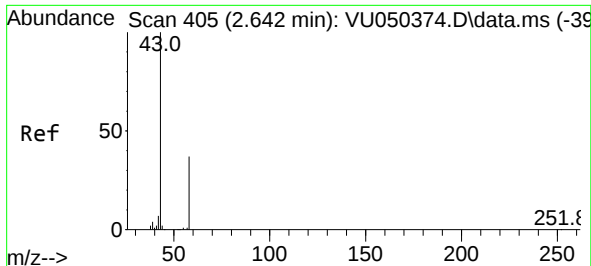
Reviewed By :Krupa Patel 08/30/2022
 Supervised By :Mahesh Dadoda 09/09/2022



#12
 Acrylonitrile
 Concen: 29.092 ug/l
 RT: 3.321 min Scan# 616
 Delta R.T. -0.019 min
 Lab File: VU050375.D
 Acq: 19 Aug 2022 14:25

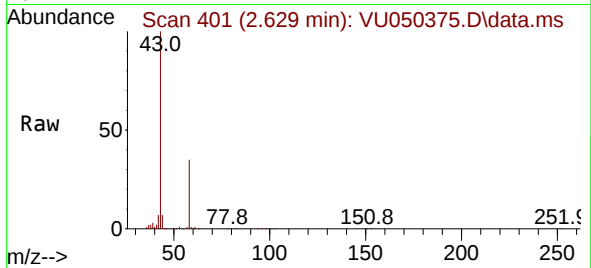
Tgt Ion: 53 Resp: 107055
 Ion Ratio Lower Upper
 53 100
 52 78.9 64.6 97.0
 51 35.1 30.7 46.1





#13
Acetone
Concen: 69.416 ug/l
RT: 2.629 min Scan# 405
Delta R.T. -0.013 min
Lab File: VU050375.D
Acq: 19 Aug 2022 14:25

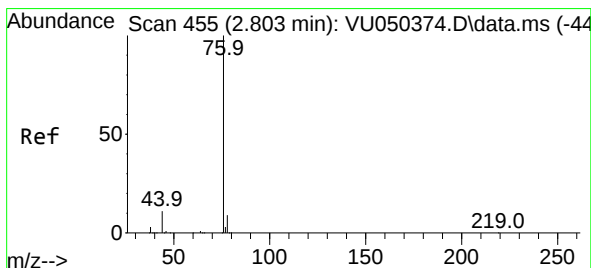
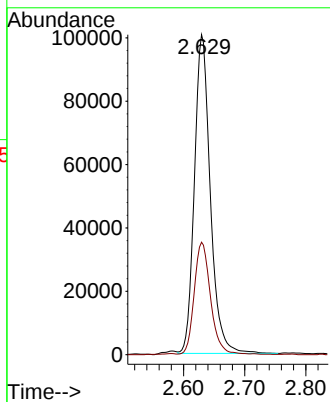
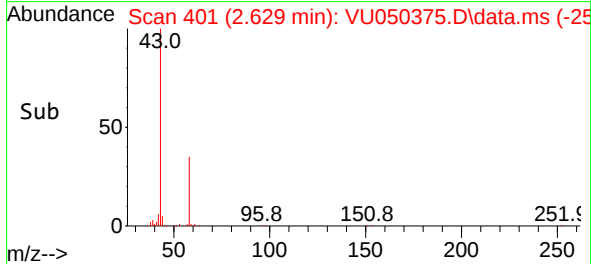
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



Tgt Ion: 43 Resp: 181884
Ion Ratio Lower Upper
43 100
58 35.2 26.2 39.2

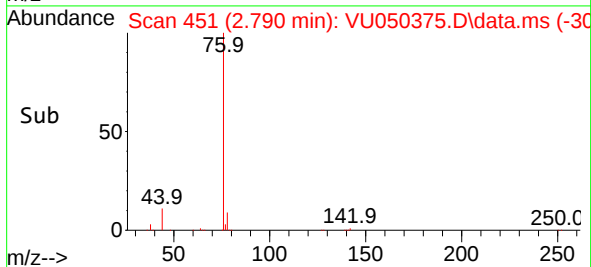
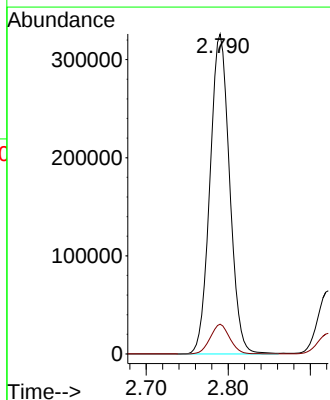
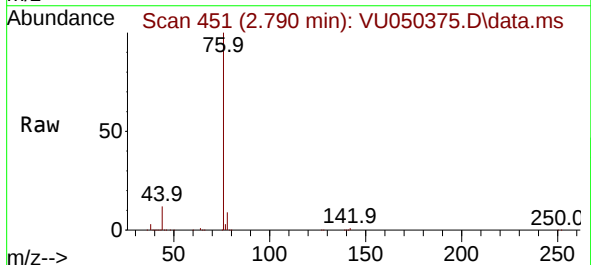
Manual Integrations
APPROVED

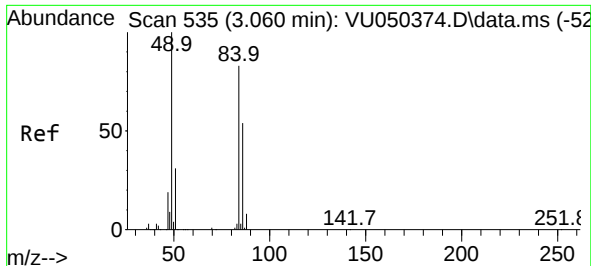
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#14
Carbon Disulfide
Concen: 14.231 ug/l
RT: 2.790 min Scan# 451
Delta R.T. -0.013 min
Lab File: VU050375.D
Acq: 19 Aug 2022 14:25

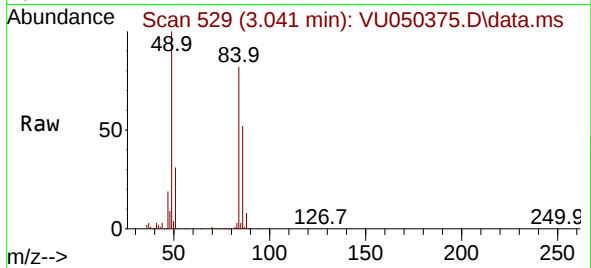
Tgt Ion: 76 Resp: 541086
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0





#15
Methylene Chloride
Concen: 13.744 ug/l
RT: 3.041 min Scan# 511
Delta R.T. -0.019 min
Lab File: VU050375.D
Acq: 19 Aug 2022 14:25

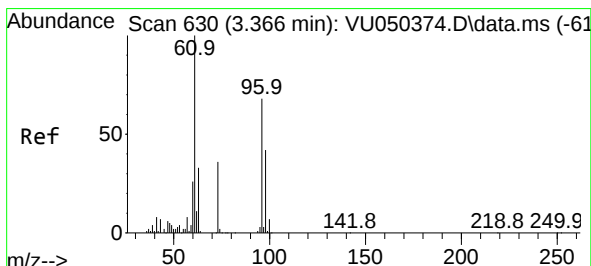
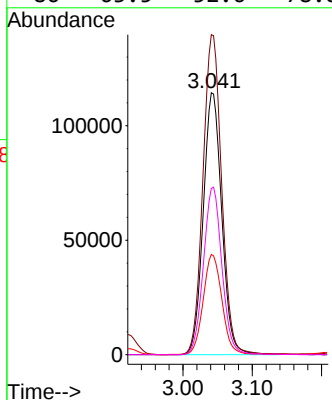
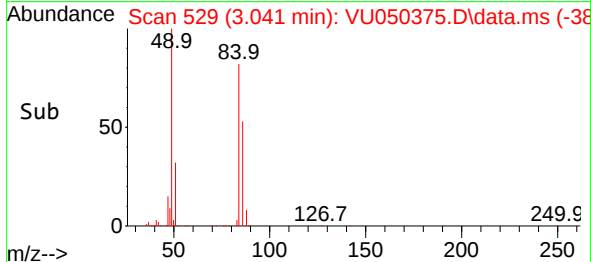
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



Tgt Ion: 84 Resp: 212035
Ion Ratio Lower Upper
84 100
49 122.2 104.6 157.0
51 38.1 0.0 81.4
86 63.5 52.6 78.8

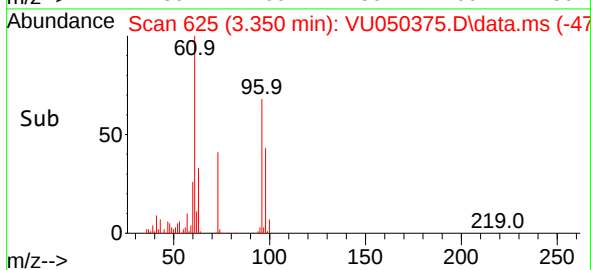
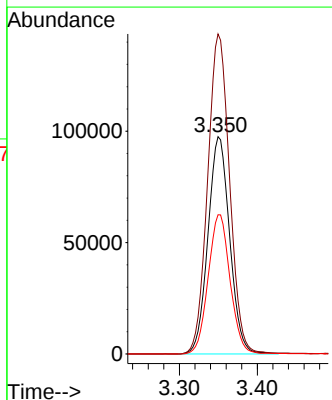
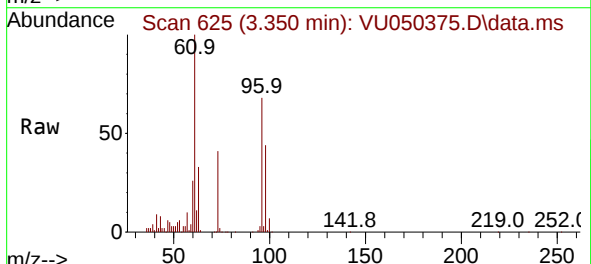
Manual Integrations
APPROVED

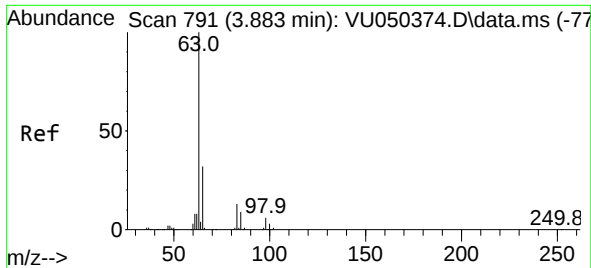
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#16
trans-1,2-Dichloroethene
Concen: 15.453 ug/l
RT: 3.350 min Scan# 625
Delta R.T. -0.016 min
Lab File: VU050375.D
Acq: 19 Aug 2022 14:25

Tgt Ion: 96 Resp: 188981
Ion Ratio Lower Upper
96 100
61 147.3 123.4 185.0
98 64.1 51.6 77.4





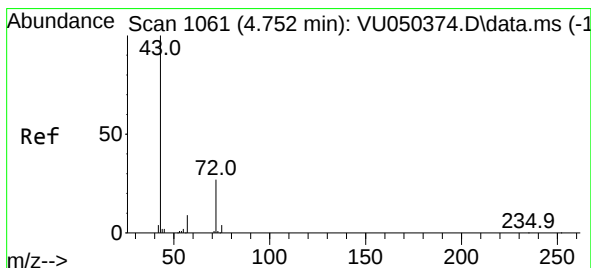
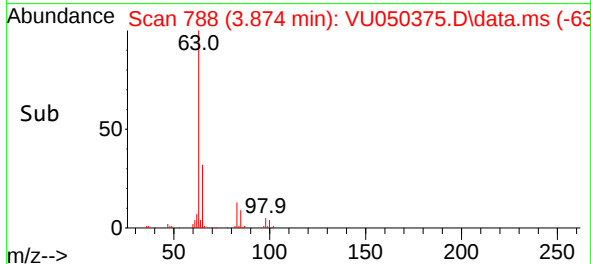
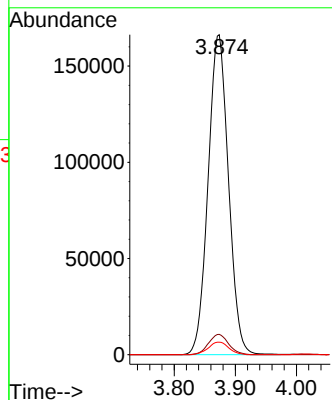
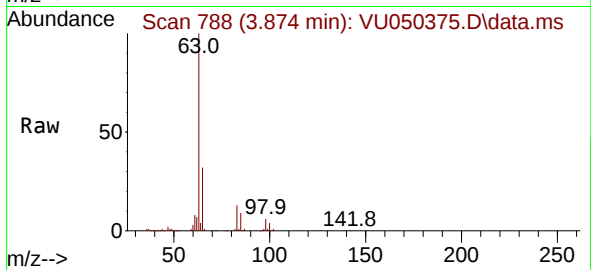
#17
1,1-Dichloroethane
Concen: 15.586 ug/l
RT: 3.874 min Scan# 791
Delta R.T. -0.010 min
Lab File: VU050375.D
Acq: 19 Aug 2022 14:25

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015

Tgt Ion: 63 Resp: 385329
Ion Ratio Lower Upper
63 100
98 6.3 3.4 10.2
100 3.9 2.0 6.0

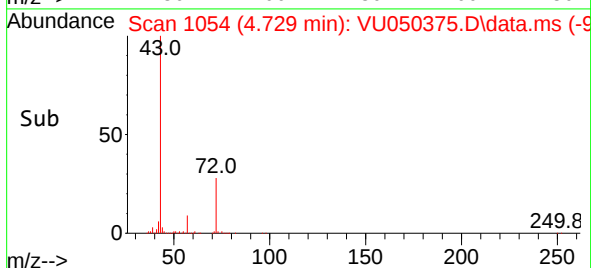
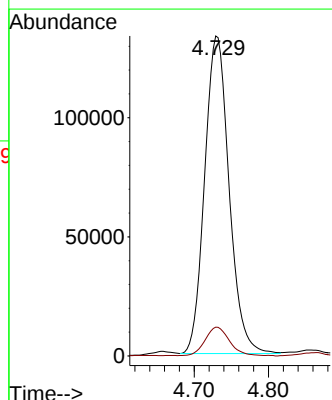
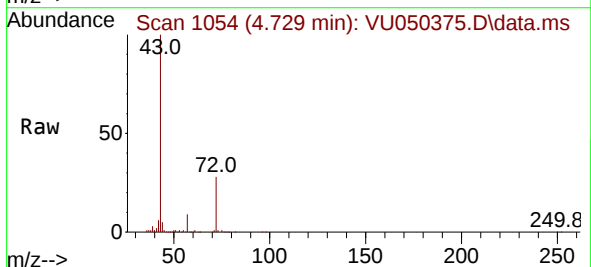
Manual Integrations
APPROVED

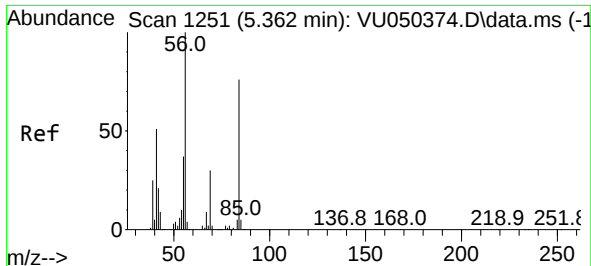
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#18
2-Butanone
Concen: 74.540 ug/l
RT: 4.729 min Scan# 1054
Delta R.T. -0.023 min
Lab File: VU050375.D
Acq: 19 Aug 2022 14:25

Tgt Ion: 43 Resp: 304678
Ion Ratio Lower Upper
43 100
57 9.0 0.0 18.0





#19

Cyclohexane

Concen: 19.283 ug/l m

RT: 5.362 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU050375.D

Acq: 19 Aug 2022 14:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015

Tgt Ion: 56 Resp: 28313

Ion Ratio Lower Upper

56 100

69 30.7 24.2 36.4

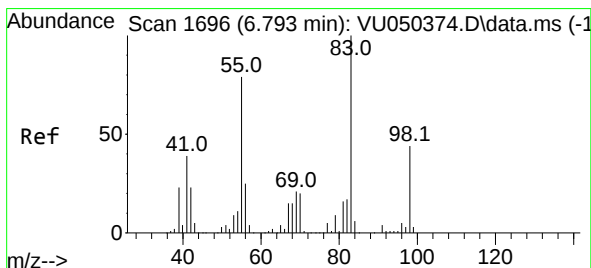
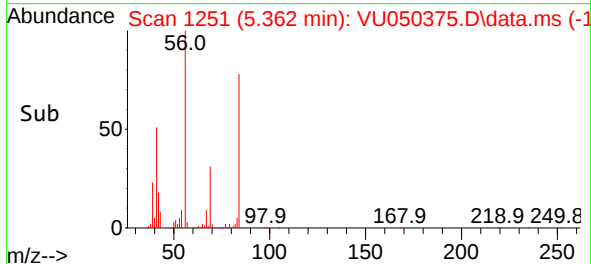
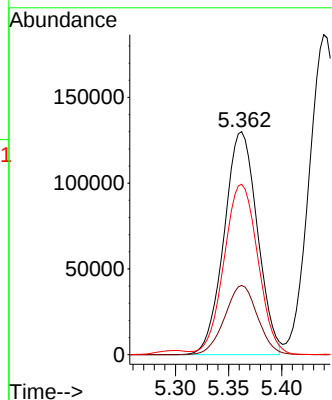
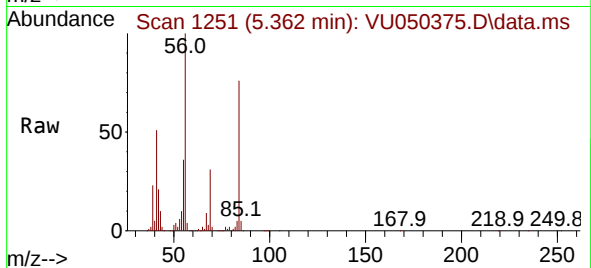
84 75.8 63.4 95.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/30/2022

Supervised By :Mahesh Dadoda 09/09/2022



#20

Methylcyclohexane

Concen: 19.520 ug/l

RT: 6.767 min Scan# 1688

Delta R.T. -0.026 min

Lab File: VU050375.D

Acq: 19 Aug 2022 14:25

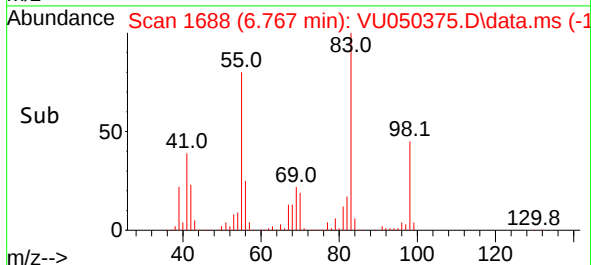
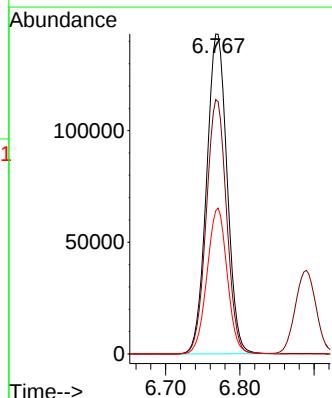
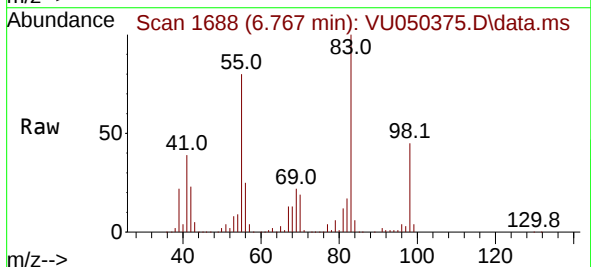
Tgt Ion: 83 Resp: 274428

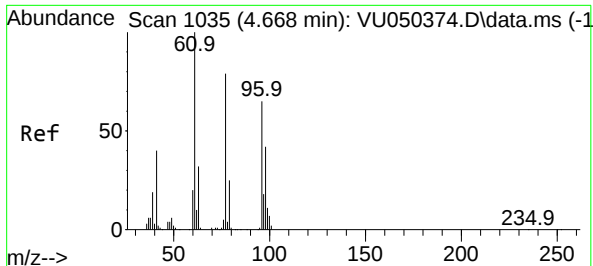
Ion Ratio Lower Upper

83 100

55 78.6 63.0 94.4

98 45.1 35.7 53.5





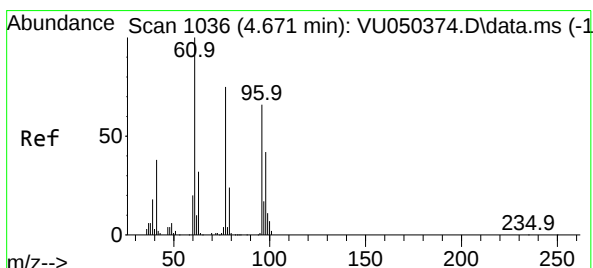
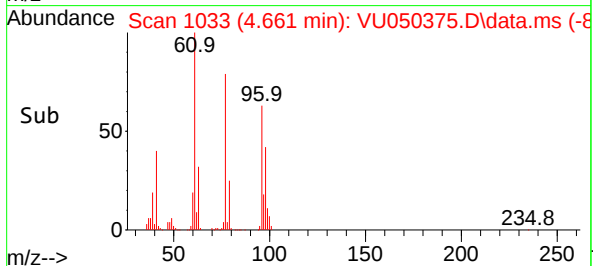
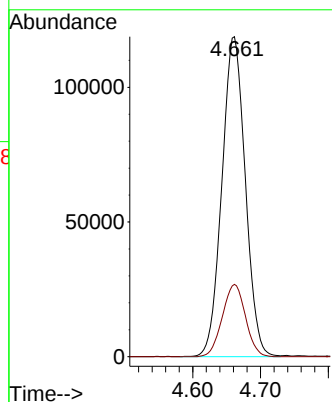
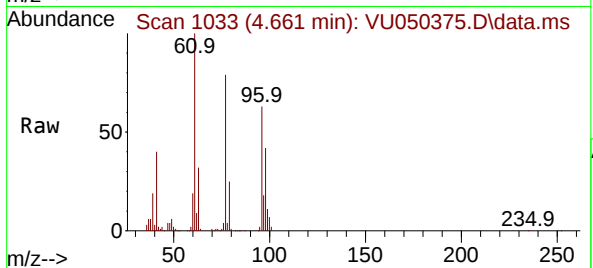
#21
2,2-Dichloropropane
Concen: 15.539 ug/l
RT: 4.661 min Scan# 1033
Delta R.T. -0.007 min
Lab File: VU050375.D
Acq: 19 Aug 2022 14:25

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion: 77 Resp: 28496
Ion Ratio Lower Upper
77 100
97 22.3 18.5 27.7

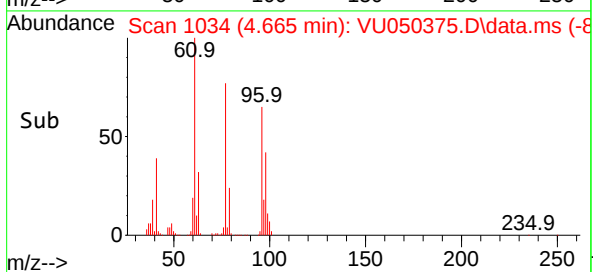
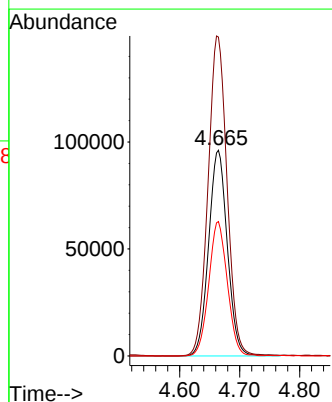
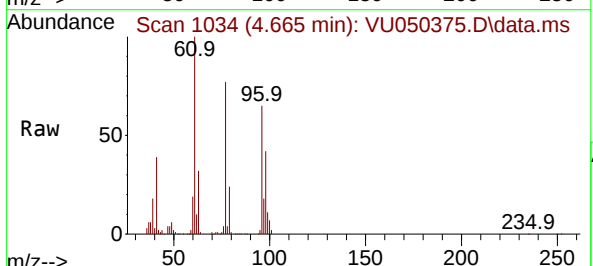
Manual Integrations
APPROVED

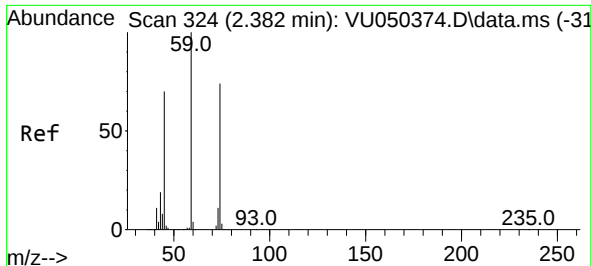
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#22
cis-1,2-Dichloroethene
Concen: 15.604 ug/l
RT: 4.665 min Scan# 1034
Delta R.T. -0.007 min
Lab File: VU050375.D
Acq: 19 Aug 2022 14:25

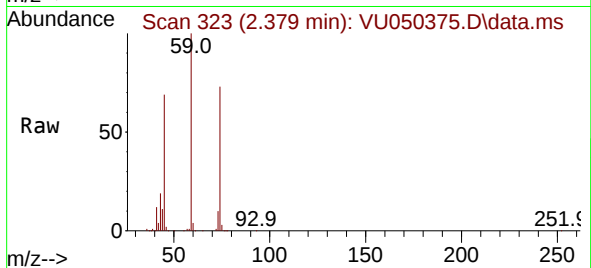
Tgt Ion: 96 Resp: 208948
Ion Ratio Lower Upper
96 100
61 157.9 0.0 375.8
98 64.7 31.6 95.0





#23
Diethyl Ether
Concen: 15.525 ug/l
RT: 2.379 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU050375.D
Acq: 19 Aug 2022 14:25

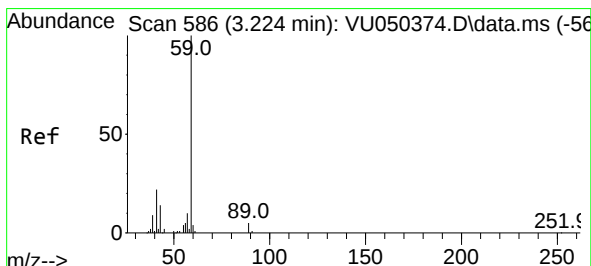
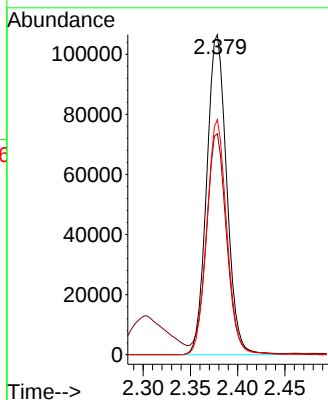
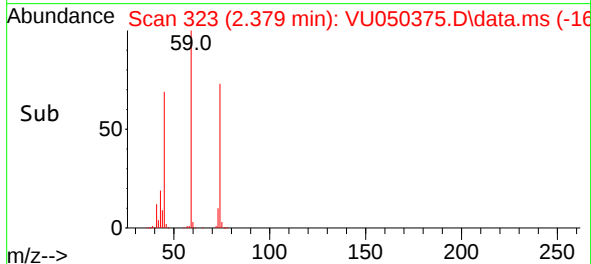
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



Tgt Ion: 59 Resp: 15686
Ion Ratio Lower Upper
59 100
45 69.6 56.0 84.0
74 73.3 57.6 86.4

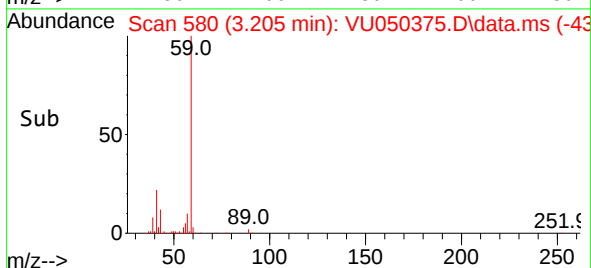
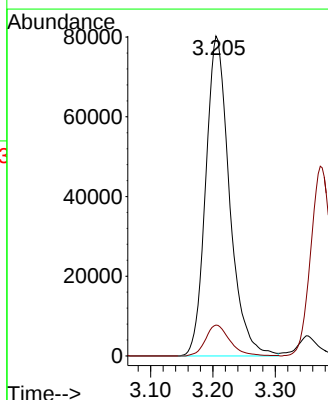
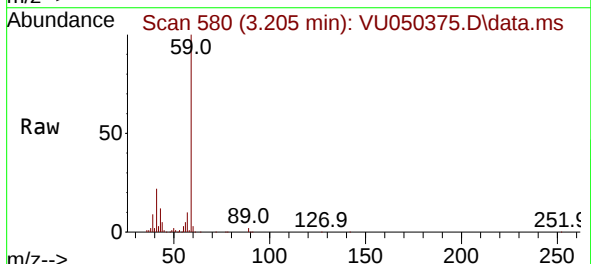
Manual Integrations
APPROVED

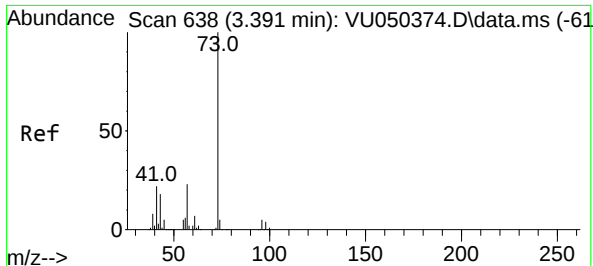
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#24
tert-Butyl Alcohol
Concen: 148.542 ug/l
RT: 3.205 min Scan# 580
Delta R.T. -0.019 min
Lab File: VU050375.D
Acq: 19 Aug 2022 14:25

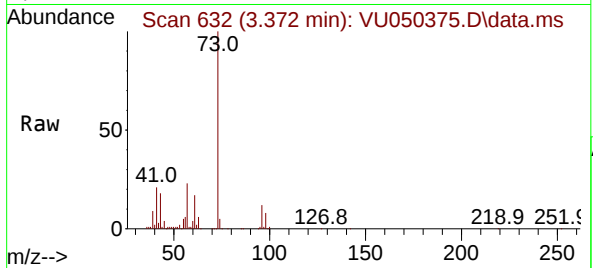
Tgt Ion: 59 Resp: 212558
Ion Ratio Lower Upper
59 100
57 9.9 8.2 12.2





#25
Methyl tert-Butyl Ether
Concen: 15.458 ug/l
RT: 3.372 min Scan# 61
Delta R.T. -0.019 min
Lab File: VU050375.D
Acq: 19 Aug 2022 14:25

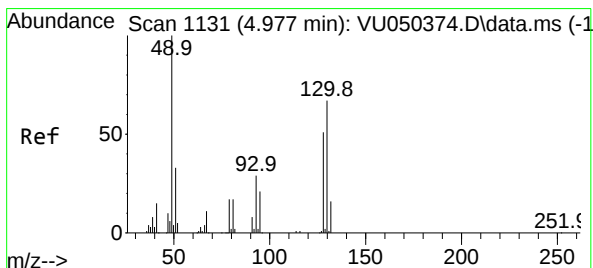
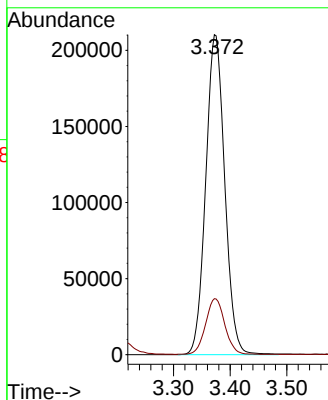
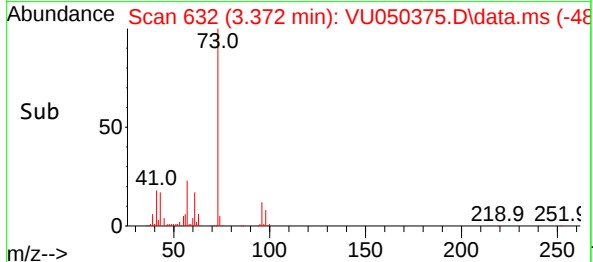
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



Tgt Ion: 73 Resp: 490019
Ion Ratio Lower Upper
73 100
43 17.7 15.9 23.9

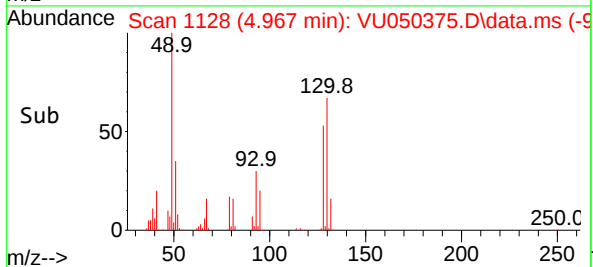
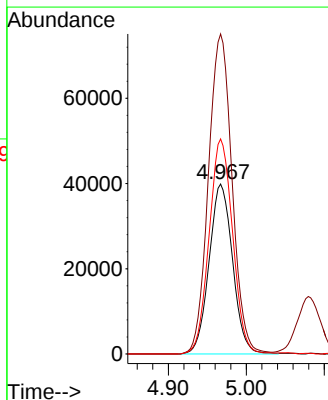
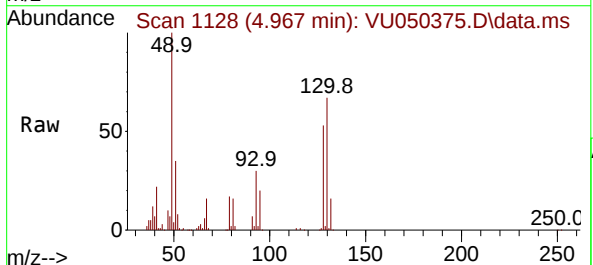
Manual Integrations
APPROVED

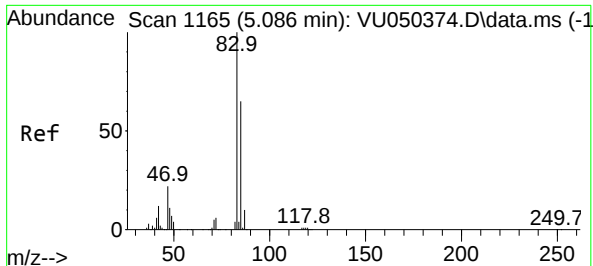
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#26
Bromochloromethane
Concen: 13.953 ug/l
RT: 4.967 min Scan# 1128
Delta R.T. -0.010 min
Lab File: VU050375.D
Acq: 19 Aug 2022 14:25

Tgt Ion:128 Resp: 83559
Ion Ratio Lower Upper
128 100
49 189.7 0.0 349.2
130 127.0 103.0 154.6





#27

Chloroform

Concen: 15.822 ug/l

RT: 5.079 min Scan# 1163

Delta R.T. -0.007 min

Lab File: VU050375.D

Acq: 19 Aug 2022 14:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015

Tgt Ion: 83 Resp: 37023

Ion Ratio Lower Upper

83 100

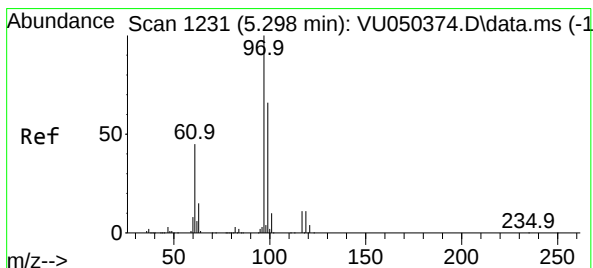
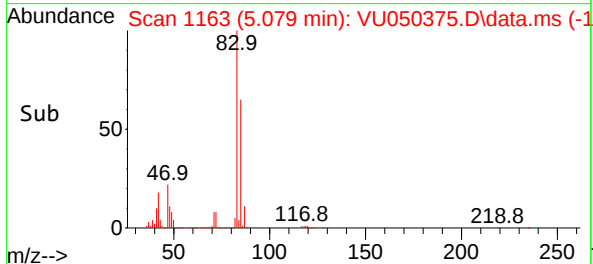
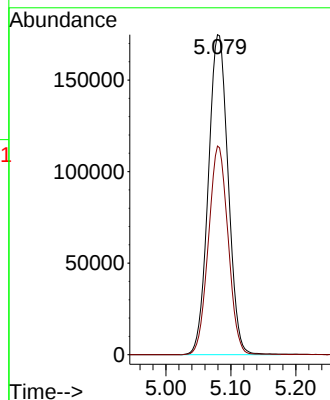
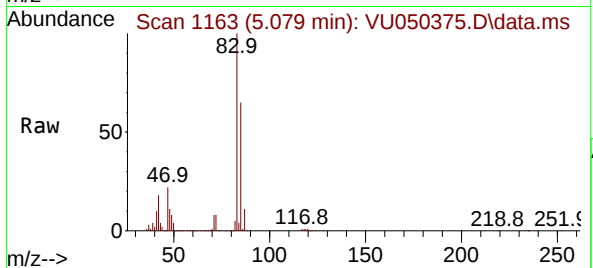
85 65.2 0.0 133.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/30/2022

Supervised By :Mahesh Dadoda 09/09/2022



#28

1,1,1-Trichloroethane

Concen: 16.880 ug/l

RT: 5.298 min Scan# 1231

Delta R.T. -0.000 min

Lab File: VU050375.D

Acq: 19 Aug 2022 14:25

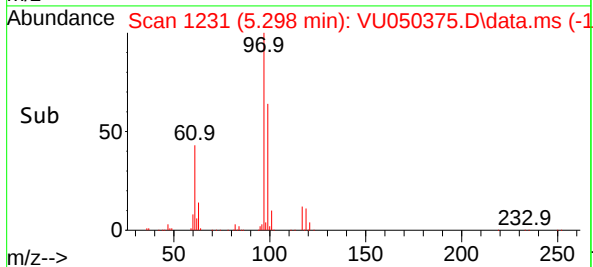
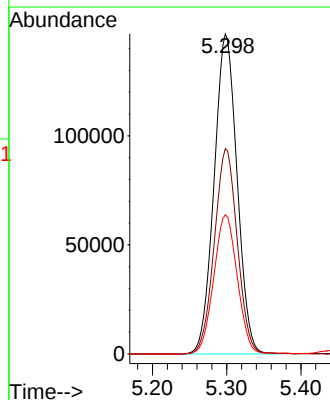
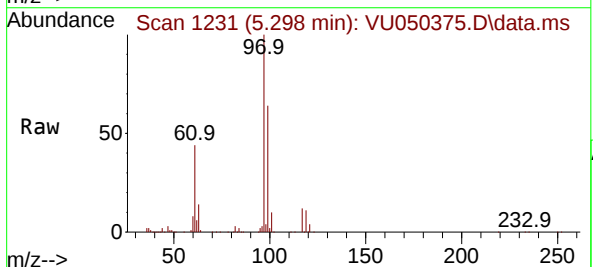
Tgt Ion: 97 Resp: 315838

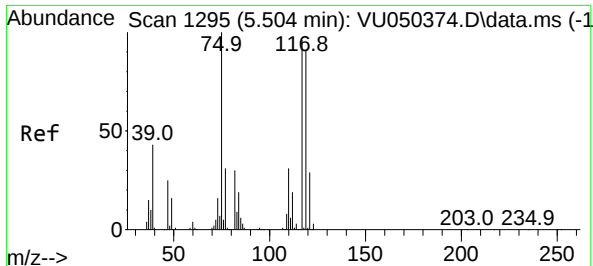
Ion Ratio Lower Upper

97 100

99 64.3 32.1 96.5

61 44.4 21.8 65.4





#29

1,1-Dichloropropene

Concen: 17.157 ug/l

RT: 5.504 min Scan# 1295

Delta R.T. -0.000 min

Lab File: VU050375.D

Acq: 19 Aug 2022 14:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion: 75 Resp: 24800

Ion Ratio Lower Upper

75 100

110 35.8 17.3 52.0

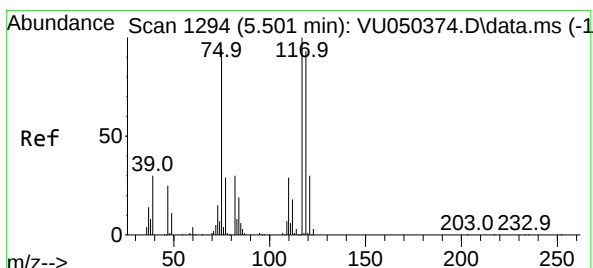
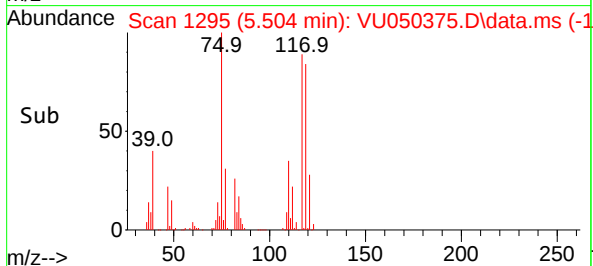
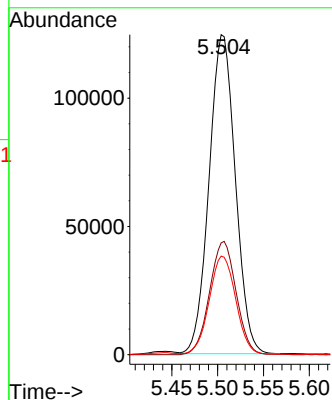
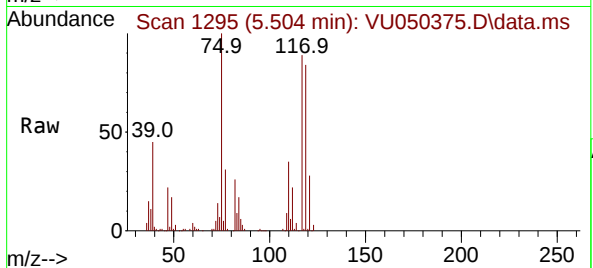
77 30.9 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/30/2022

Supervised By :Mahesh Dadoda 09/09/2022



#30

Carbon Tetrachloride

Concen: 15.937 ug/l

RT: 5.501 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VU050375.D

Acq: 19 Aug 2022 14:25

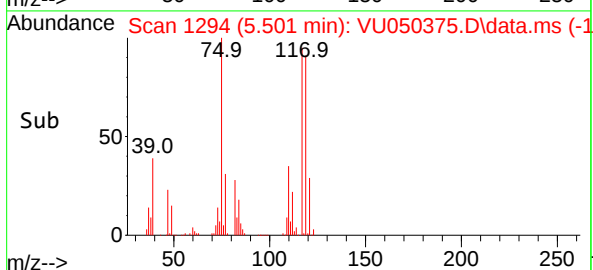
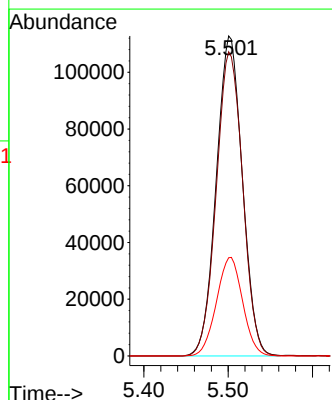
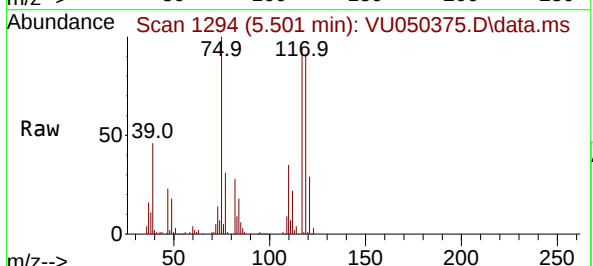
Tgt Ion:117 Resp: 242056

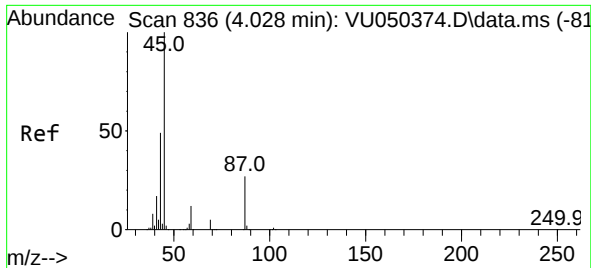
Ion Ratio Lower Upper

117 100

119 95.1 74.6 112.0

121 30.7 24.2 36.4





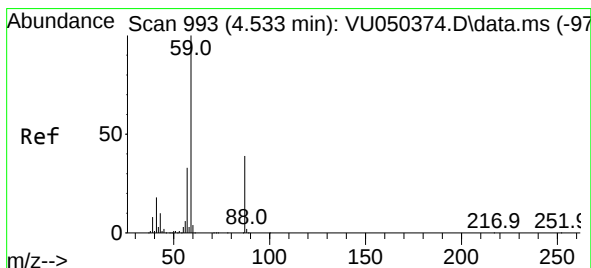
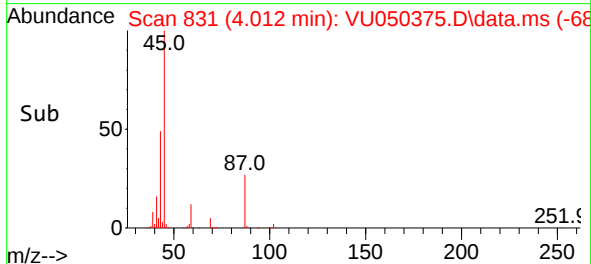
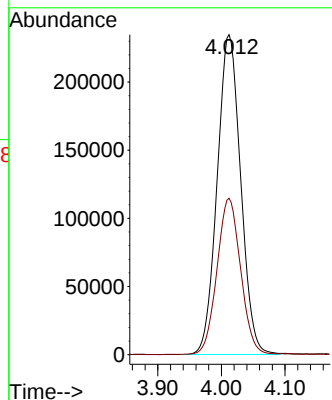
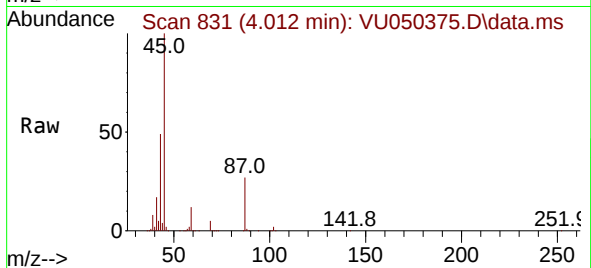
#31
Isopropyl Ether
Concen: 15.881 ug/l
RT: 4.012 min Scan# 81
Delta R.T. -0.016 min
Lab File: VU050375.D
Acq: 19 Aug 2022 14:25

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion: 45 Resp: 60284
Ion Ratio Lower Upper
45 100
43 49.1 23.8 71.2

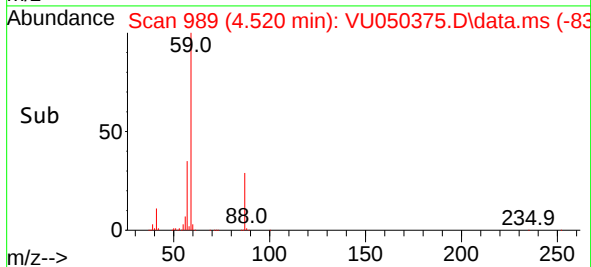
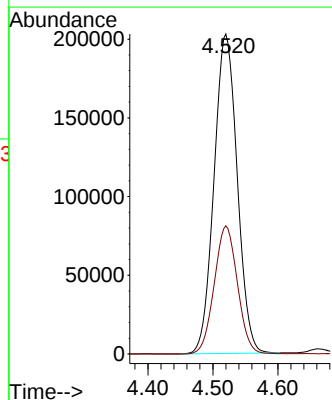
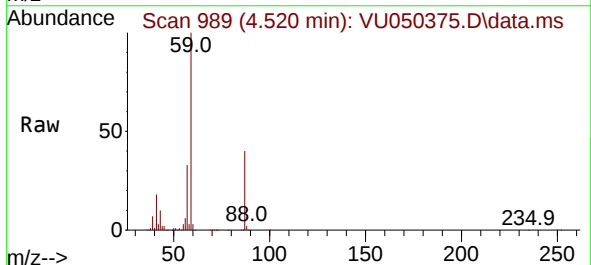
Manual Integrations
APPROVED

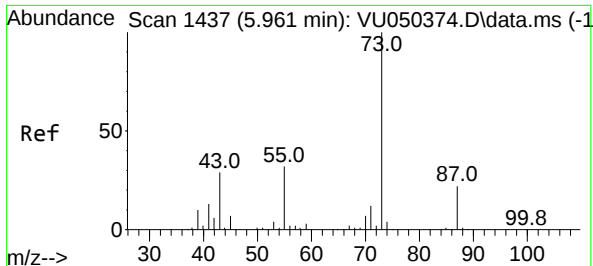
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#32
Ethyl-t-butyl ether
Concen: 16.499 ug/l
RT: 4.520 min Scan# 989
Delta R.T. -0.013 min
Lab File: VU050375.D
Acq: 19 Aug 2022 14:25

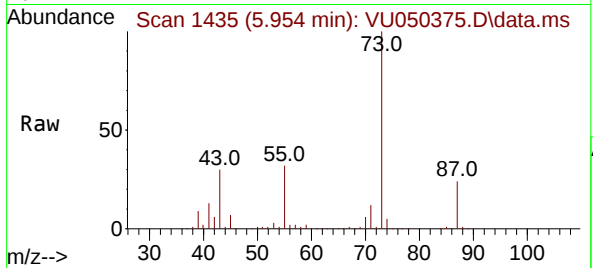
Tgt Ion: 59 Resp: 502359
Ion Ratio Lower Upper
59 100
87 40.0 32.5 48.7





#33
Tert-Amyl methyl ether
Concen: 16.860 ug/l
RT: 5.954 min Scan# 1435
Delta R.T. -0.007 min
Lab File: VU050375.D
Acq: 19 Aug 2022 14:25

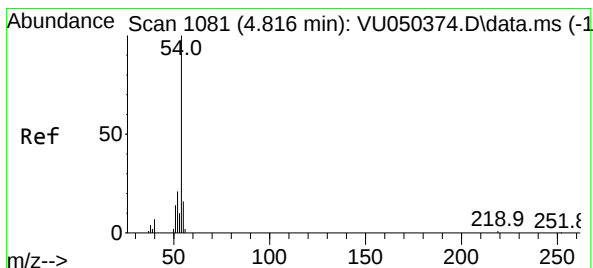
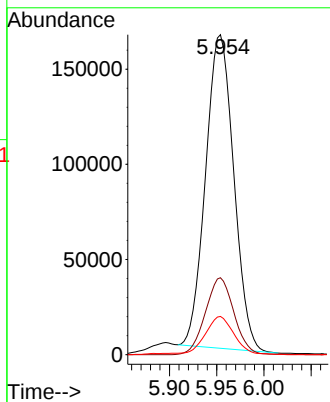
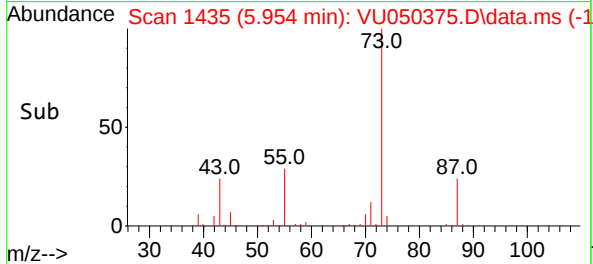
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



Tgt Ion: 73 Resp: 34099
Ion Ratio Lower Upper
73 100
87 24.8 19.7 29.5
71 13.0 9.0 13.4

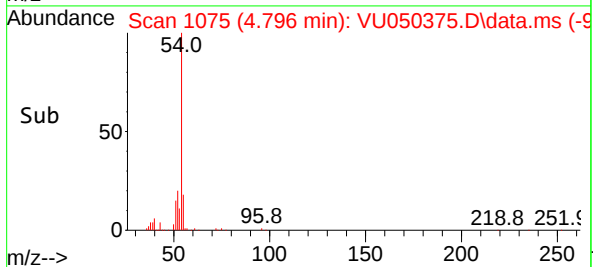
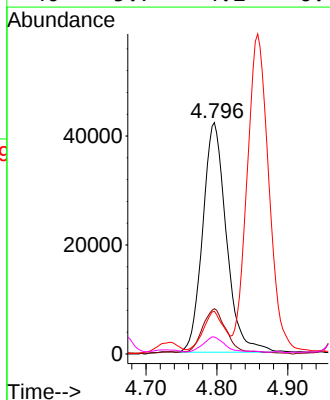
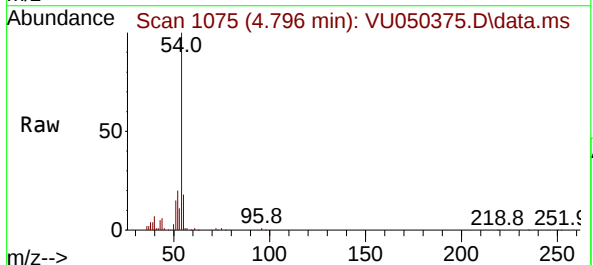
Manual Integrations
APPROVED

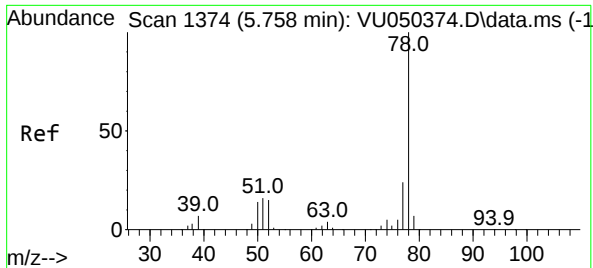
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#34
Propionitrile
Concen: 70.765 ug/l
RT: 4.796 min Scan# 1075
Delta R.T. -0.019 min
Lab File: VU050375.D
Acq: 19 Aug 2022 14:25

Tgt Ion: 54 Resp: 97668
Ion Ratio Lower Upper
54 100
52 21.2 15.0 22.6
55 16.3 12.6 19.0
40 5.7 4.2 6.4





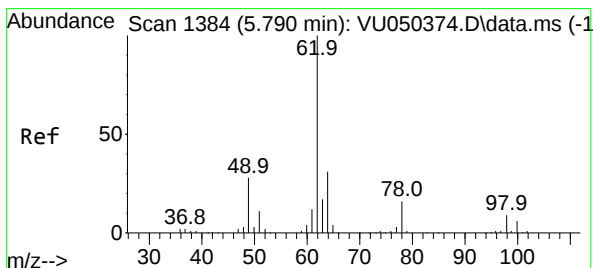
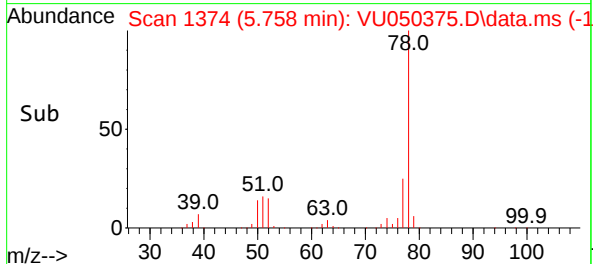
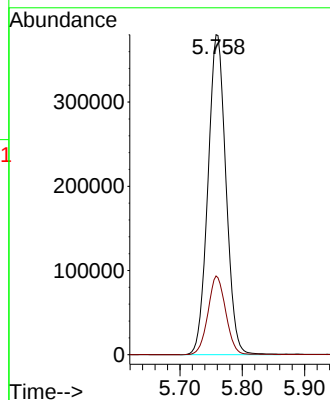
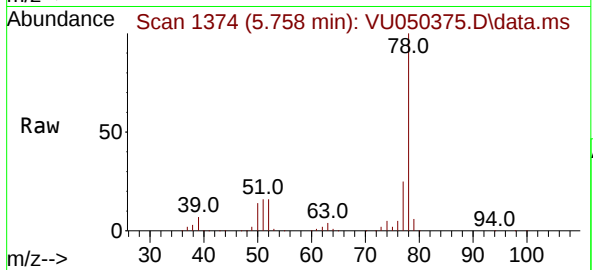
#35
Benzene
Concen: 15.916 ug/l
RT: 5.758 min Scan# 1374
Delta R.T. -0.000 min
Lab File: VU050375.D
Acq: 19 Aug 2022 14:25

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion: 78 Resp: 76263
Ion Ratio Lower Upper
78 100
77 24.6 18.6 28.0

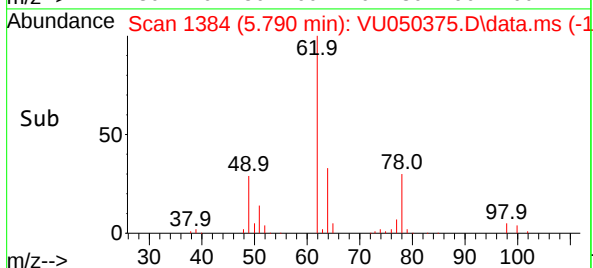
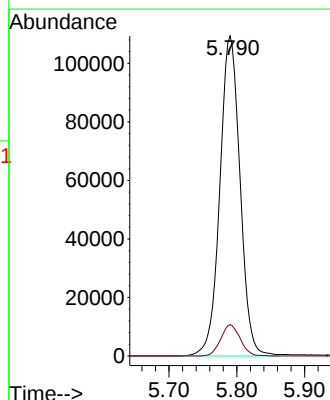
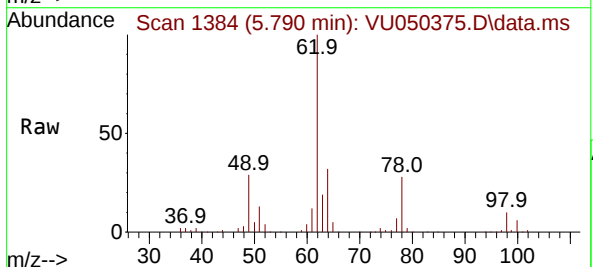
Manual Integrations
APPROVED

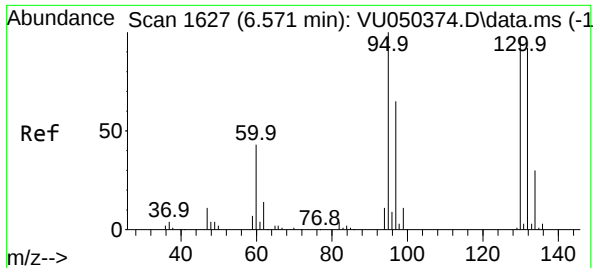
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#36
1,2-Dichloroethane
Concen: 15.111 ug/l
RT: 5.790 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VU050375.D
Acq: 19 Aug 2022 14:25

Tgt Ion: 62 Resp: 226711
Ion Ratio Lower Upper
62 100
98 9.4 7.4 11.0





#37

Trichloroethene

Concen: 15.726 ug/l

RT: 6.542 min Scan# 1

Delta R.T. -0.029 min

Lab File: VU050375.D

Acq: 19 Aug 2022 14:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion:130 Resp: 18297

Ion Ratio Lower Upper

130 100

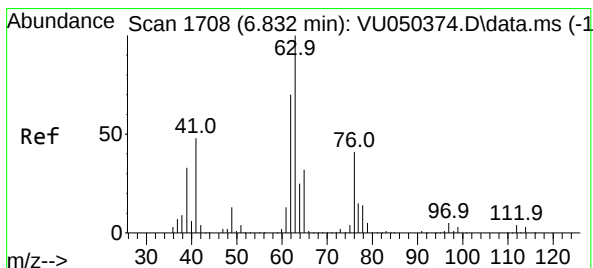
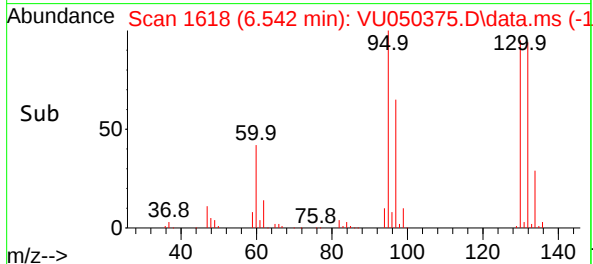
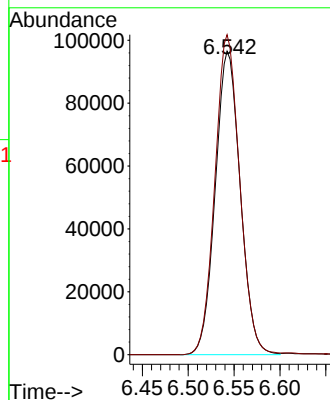
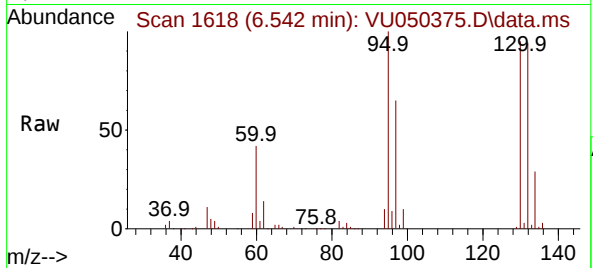
95 105.4 83.8 125.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/30/2022

Supervised By :Mahesh Dadoda 09/09/2022



#38

1,2-Dichloropropane

Concen: 16.217 ug/l

RT: 6.806 min Scan# 1700

Delta R.T. -0.026 min

Lab File: VU050375.D

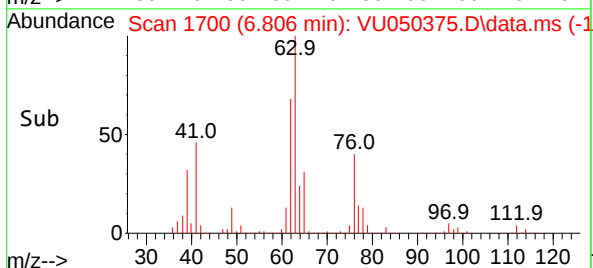
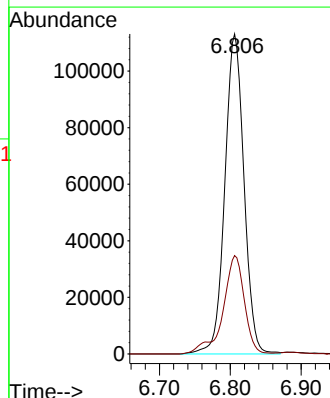
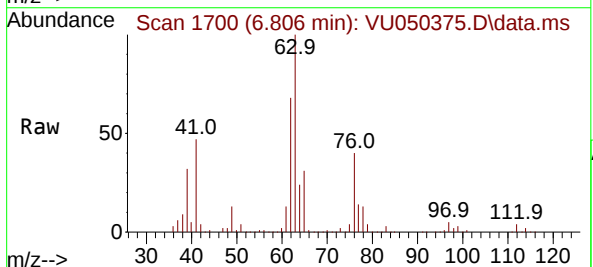
Acq: 19 Aug 2022 14:25

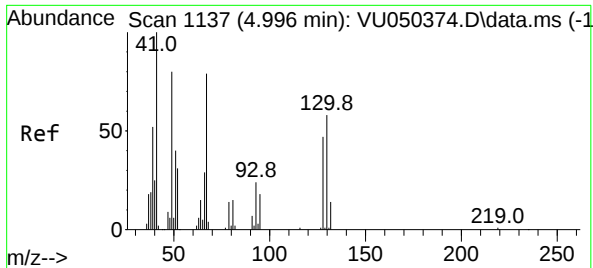
Tgt Ion: 63 Resp: 212480

Ion Ratio Lower Upper

63 100

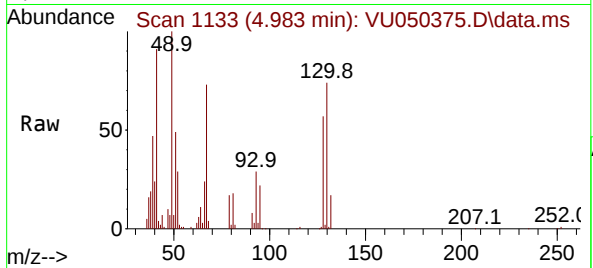
65 30.8 25.0 37.4





#39
Methacrylonitrile
Concen: 16.253 ug/l
RT: 4.983 min Scan# 1137
Delta R.T. -0.013 min
Lab File: VU050375.D
Acq: 19 Aug 2022 14:25

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

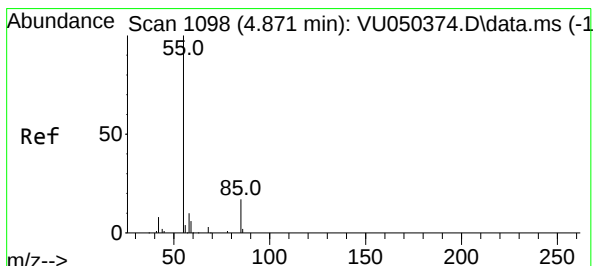
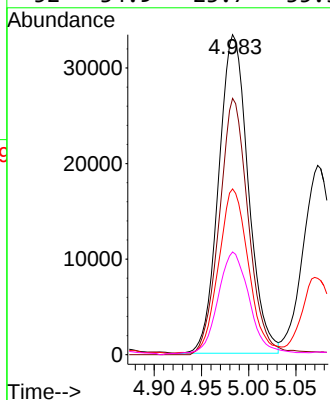
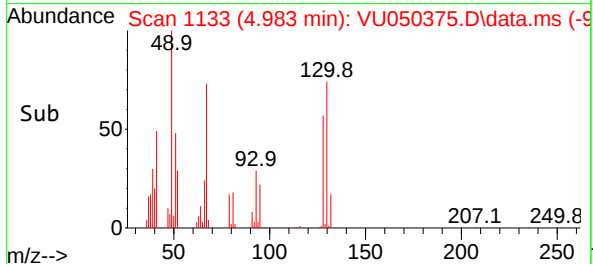


Tgt Ion: 41 Resp: 72586

Ion	Ratio	Lower	Upper
41	100		
67	80.3	59.4	89.0
39	51.5	42.2	63.2
52	34.9	23.7	35.5

Manual Integrations
APPROVED

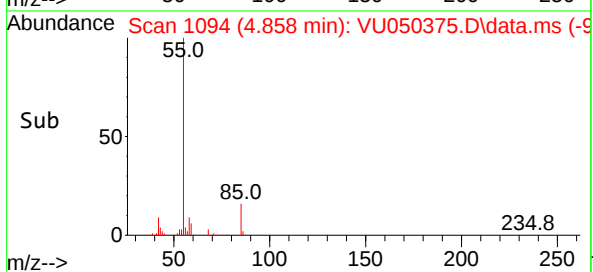
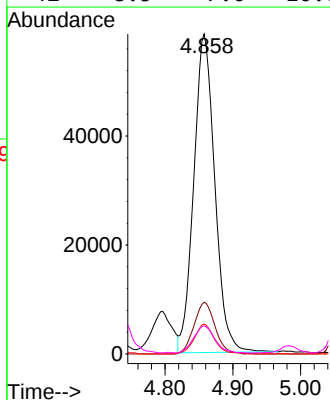
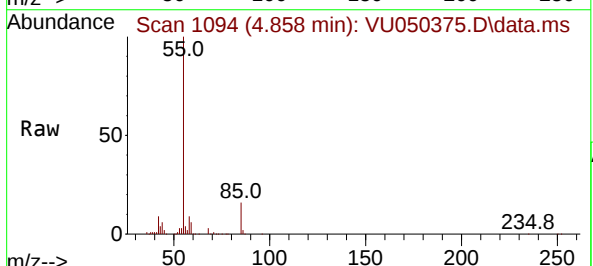
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022

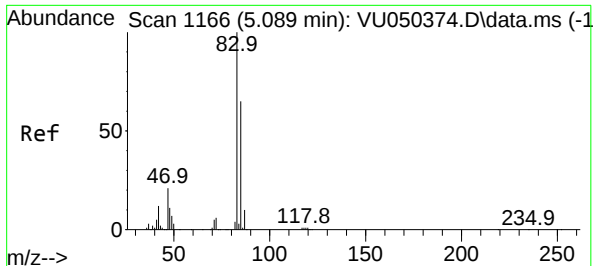


#40
Methyl acrylate
Concen: 16.091 ug/l
RT: 4.858 min Scan# 1094
Delta R.T. -0.013 min
Lab File: VU050375.D
Acq: 19 Aug 2022 14:25

Tgt Ion: 55 Resp: 125865

Ion	Ratio	Lower	Upper
55	100		
85	16.2	13.5	20.3
58	9.0	7.0	10.4
42	8.5	7.0	10.6





#41

Tetrahydrofuran

Concen: 31.132 ug/l

RT: 5.073 min Scan# 1161

Delta R.T. -0.016 min

Lab File: VU050375.D

Acq: 19 Aug 2022 14:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015

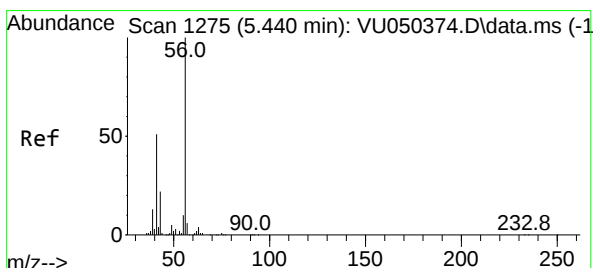
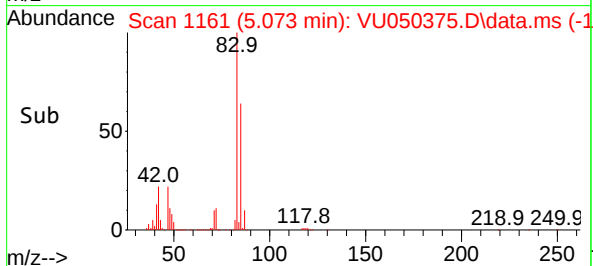
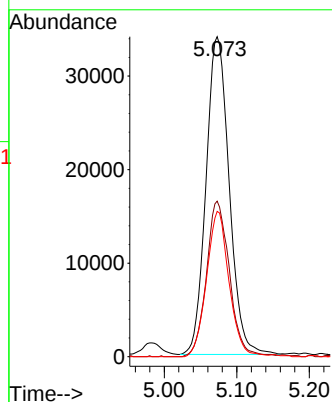
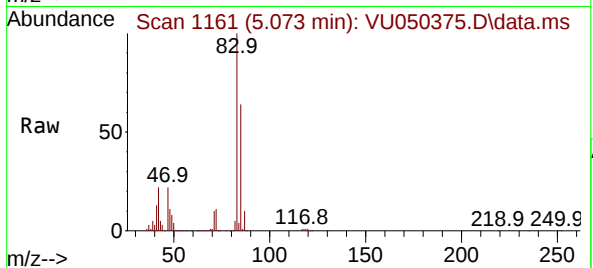
Tgt Ion:	42	Resp:	75572
Ion Ratio	Lower	Upper	
42	100		
72	48.7	38.9	58.3
71	44.3	33.7	50.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/30/2022

Supervised By :Mahesh Dadoda 09/09/2022



#42

1-Chlorobutane

Concen: 17.913 ug/l

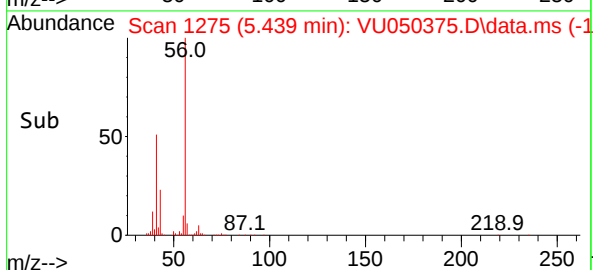
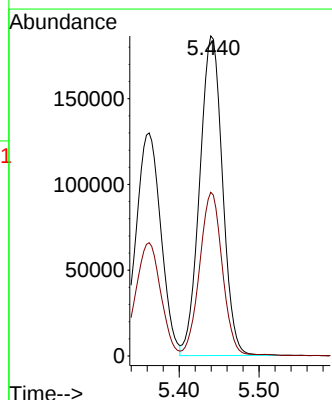
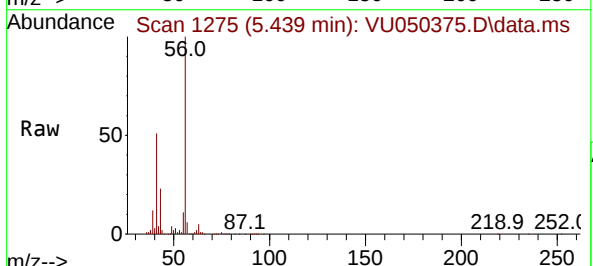
RT: 5.439 min Scan# 1275

Delta R.T. -0.000 min

Lab File: VU050375.D

Acq: 19 Aug 2022 14:25

Tgt Ion:	56	Resp:	369493
Ion Ratio	Lower	Upper	
56	100		
41	50.2	26.4	79.2





#43

Dibromomethane

Concen: 15.489 ug/l

RT: 6.931 min Scan# 11195

Delta R.T. -0.023 min

Lab File: VU050375.D

Acq: 19 Aug 2022 14:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015

Tgt Ion: 93 Resp: 11195

Ion Ratio Lower Upper

93 100

95 82.2 65.0 97.6

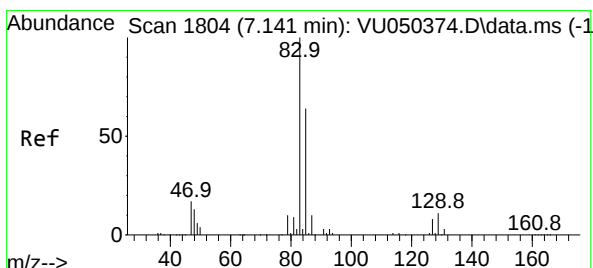
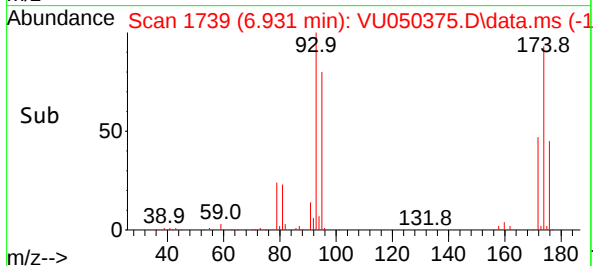
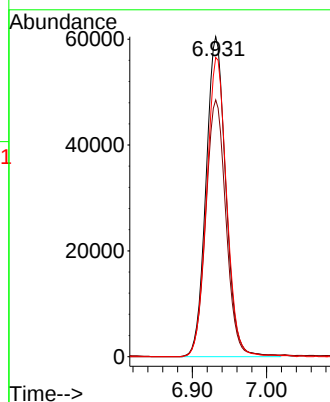
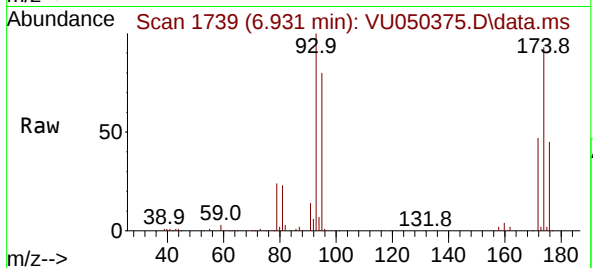
174 94.1 76.3 114.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/30/2022

Supervised By :Mahesh Dadoda 09/09/2022



#44

Bromodichloromethane

Concen: 15.782 ug/l

RT: 7.118 min Scan# 1797

Delta R.T. -0.023 min

Lab File: VU050375.D

Acq: 19 Aug 2022 14:25

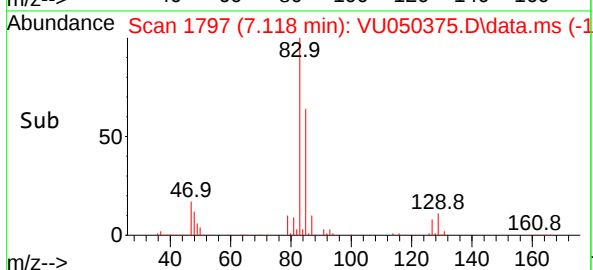
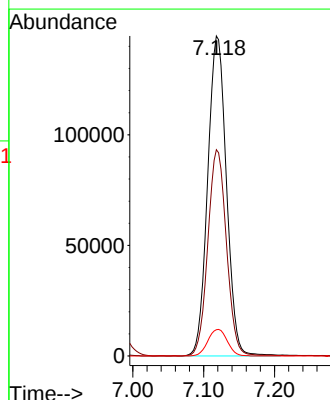
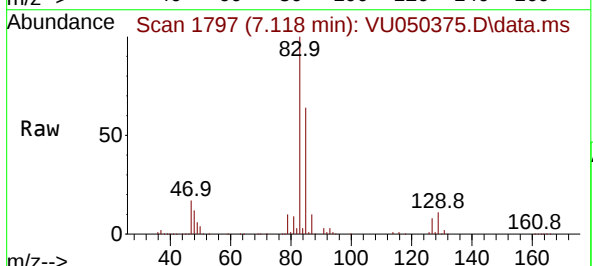
Tgt Ion: 83 Resp: 265811

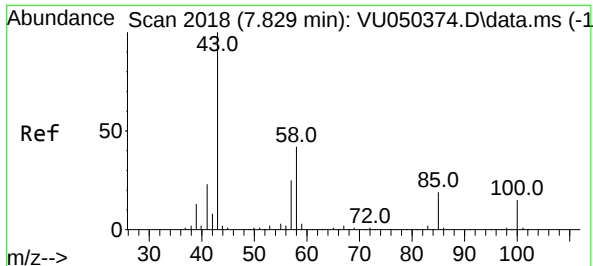
Ion Ratio Lower Upper

83 100

85 64.5 49.4 74.0

127 8.2 6.6 10.0





#45

4-Methyl-2-Pentanone

Concen: 84.788 ug/l

RT: 7.816 min Scan# 2014

Delta R.T. -0.013 min

Lab File: VU050375.D

Acq: 19 Aug 2022 14:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015

Tgt Ion: 43 Resp: 654750

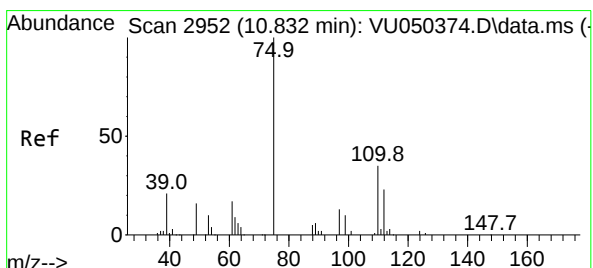
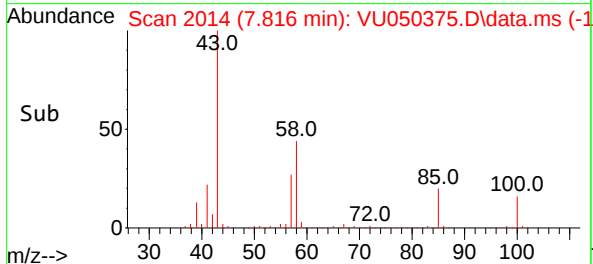
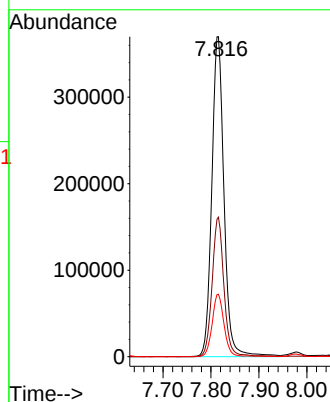
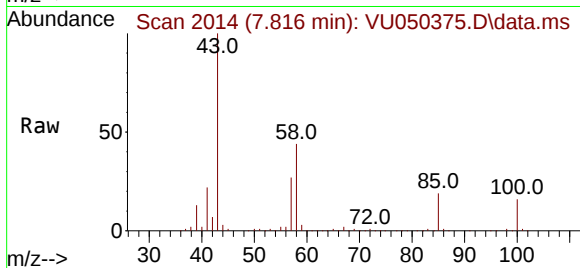
Ion	Ratio	Lower	Upper
43	100		
58	42.1	20.3	61.0
85	18.8	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/30/2022

Supervised By :Mahesh Dadoda 09/09/2022



#46

t-1,4-Dichloro-2-butene

Concen: 47.728 ug/l m

RT: 10.832 min Scan# 2952

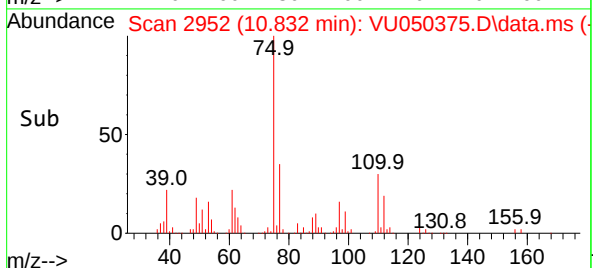
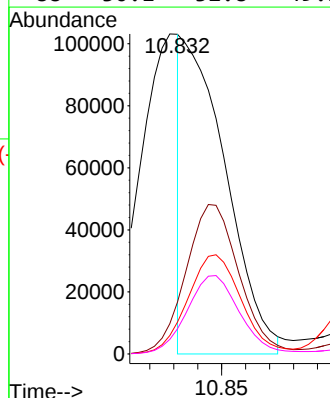
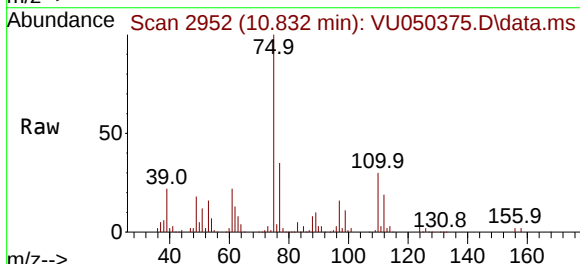
Delta R.T. -0.000 min

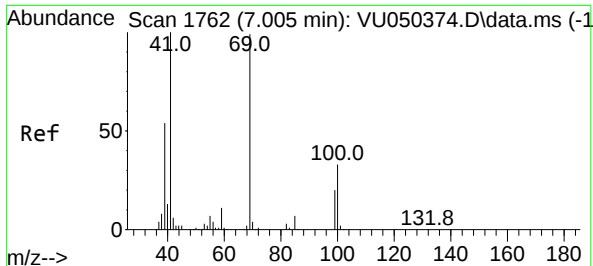
Lab File: VU050375.D

Acq: 19 Aug 2022 14:25

Tgt Ion: 75 Resp: 128762

Ion	Ratio	Lower	Upper
75	100		
53	58.0	64.4	96.6#
89	38.9	44.2	66.2#
88	30.1	32.8	49.2#





#47

Methyl methacrylate

Concen: 36.154 ug/l

RT: 6.983 min Scan# 1

Delta R.T. -0.023 min

Lab File: VU050375.D

Acq: 19 Aug 2022 14:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015

Tgt Ion: 69 Resp: 21029

Ion Ratio Lower Upper

69 100

41 101.7 0.0 225.4

39 53.0 45.8 68.8

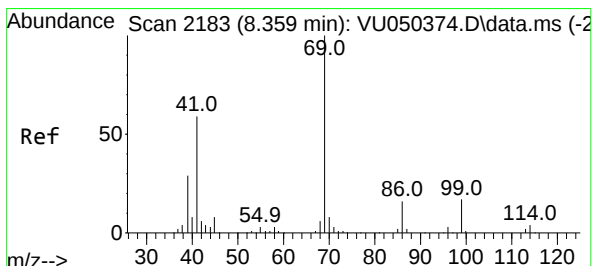
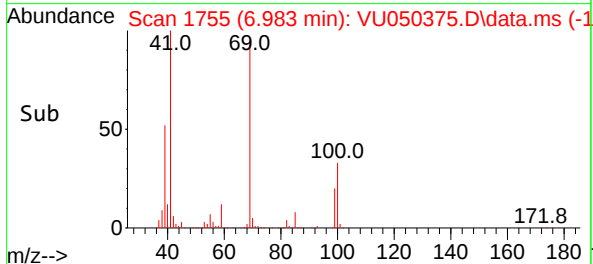
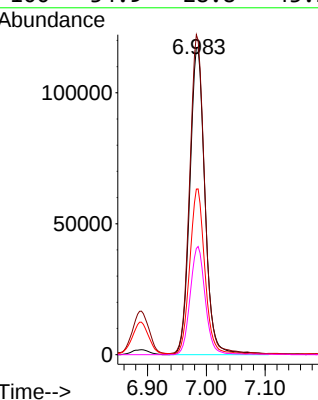
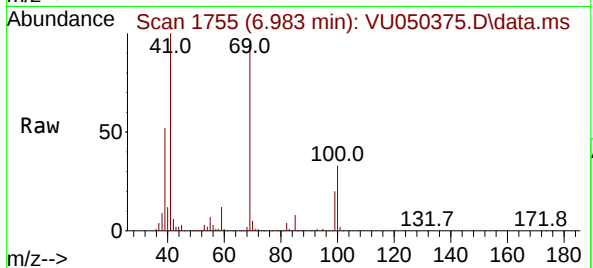
100 34.9 28.8 43.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/30/2022

Supervised By :Mahesh Dadoda 09/09/2022



#48

Ethyl methacrylate

Concen: 18.750 ug/l

RT: 8.346 min Scan# 2179

Delta R.T. -0.013 min

Lab File: VU050375.D

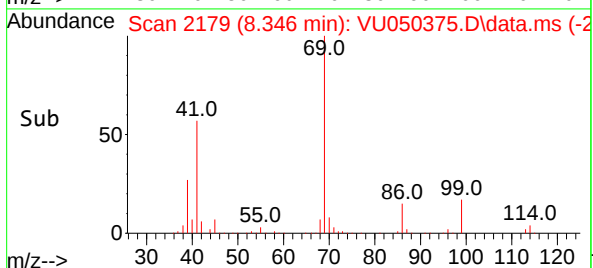
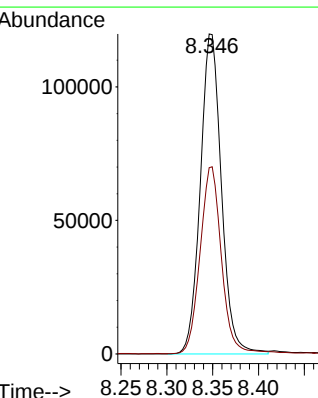
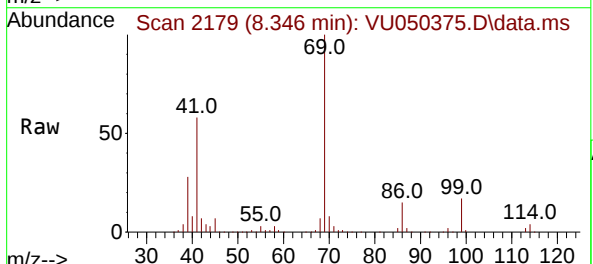
Acq: 19 Aug 2022 14:25

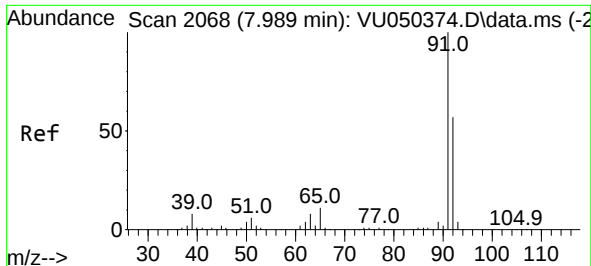
Tgt Ion: 69 Resp: 191849

Ion Ratio Lower Upper

69 100

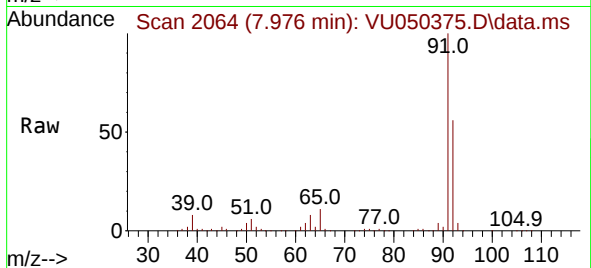
41 59.3 32.3 96.9





#49
Toluene
Concen: 18.238 ug/l
RT: 7.976 min Scan# 2064
Delta R.T. -0.013 min
Lab File: VU050375.D
Acq: 19 Aug 2022 14:25

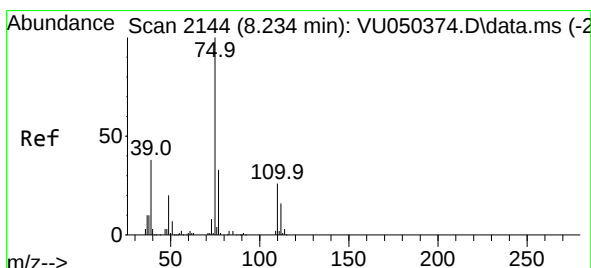
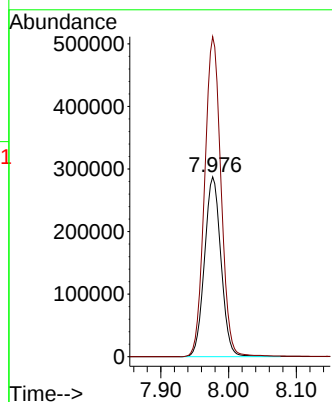
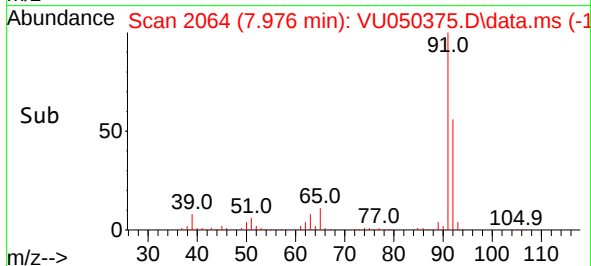
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



Tgt Ion: 92 Resp: 484724
Ion Ratio Lower Upper
92 100
91 177.1 138.6 207.8

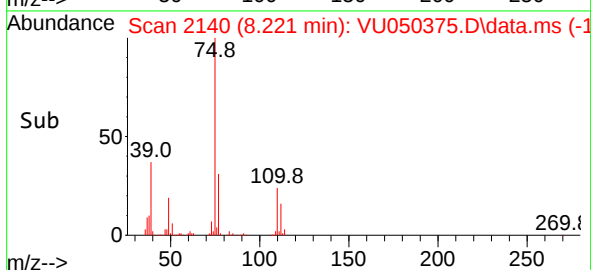
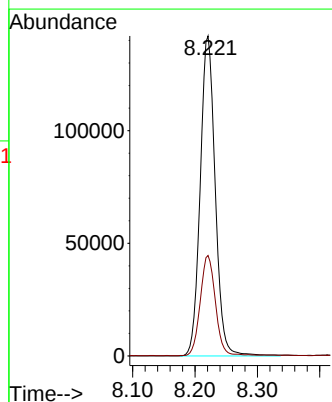
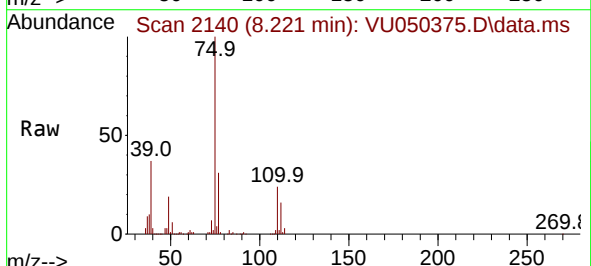
Manual Integrations
APPROVED

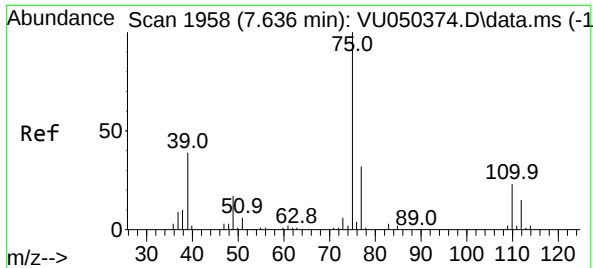
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#50
t-1,3-Dichloropropene
Concen: 17.221 ug/l
RT: 8.221 min Scan# 2140
Delta R.T. -0.013 min
Lab File: VU050375.D
Acq: 19 Aug 2022 14:25

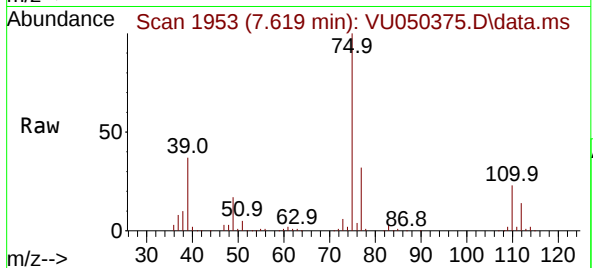
Tgt Ion: 75 Resp: 238042
Ion Ratio Lower Upper
75 100
77 31.3 24.7 37.1





#51
 cis-1,3-Dichloropropene
 Concen: 16.864 ug/l
 RT: 7.619 min Scan# 1953
 Delta R.T. -0.016 min
 Lab File: VU050375.D
 Acq: 19 Aug 2022 14:25

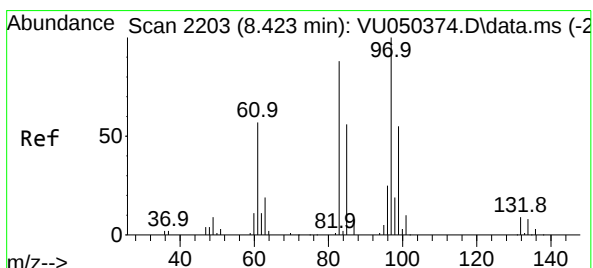
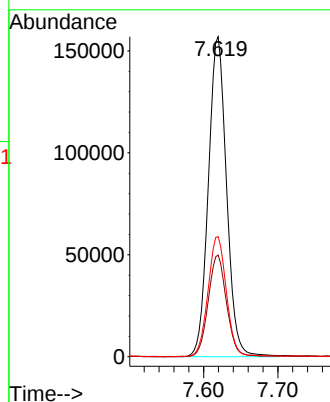
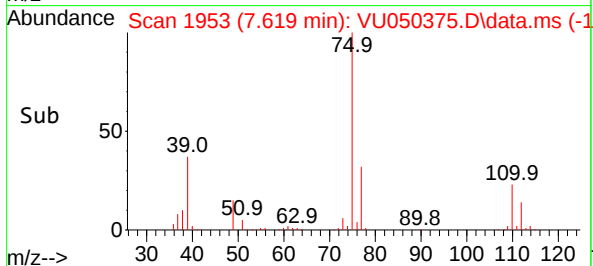
Instrument : MSVOA_U
 ClientSampleId : VSTDIC015



Tgt Ion: 75 Resp: 266480
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.4 38.0
 39 37.4 35.1 52.7

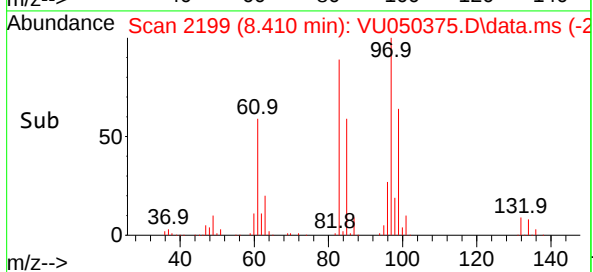
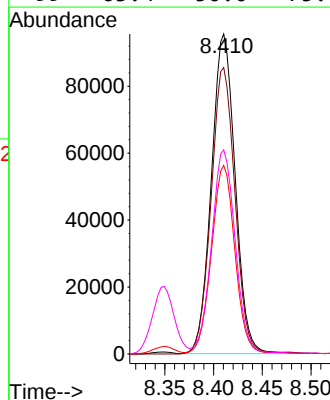
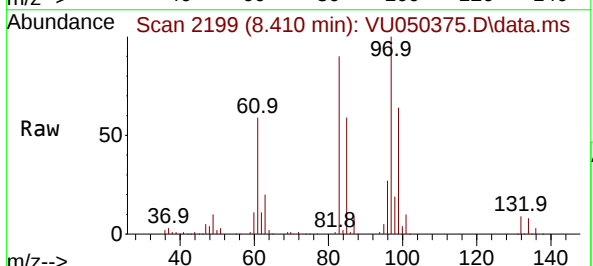
Manual Integrations
 APPROVED

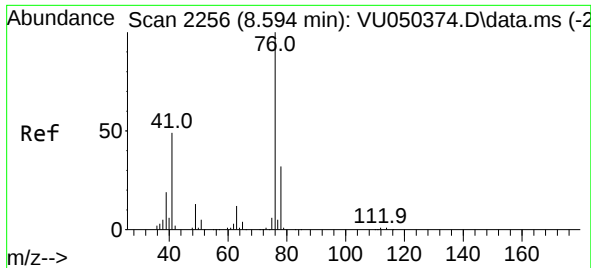
Reviewed By :Krupa Patel 08/30/2022
 Supervised By :Mahesh Dadoda 09/09/2022



#52
 1,1,2-Trichloroethane
 Concen: 15.051 ug/l
 RT: 8.410 min Scan# 2199
 Delta R.T. -0.013 min
 Lab File: VU050375.D
 Acq: 19 Aug 2022 14:25

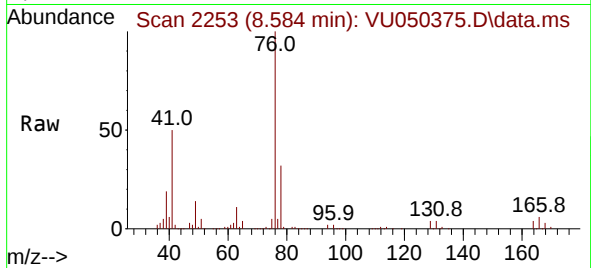
Tgt Ion: 97 Resp: 162080
 Ion Ratio Lower Upper
 97 100
 83 89.6 70.6 106.0
 85 58.6 46.2 69.4
 99 63.4 50.0 75.0





#53
1,3-Dichloropropane
Concen: 16.204 ug/l
RT: 8.584 min Scan# 2253
Delta R.T. -0.010 min
Lab File: VU050375.D
Acq: 19 Aug 2022 14:25

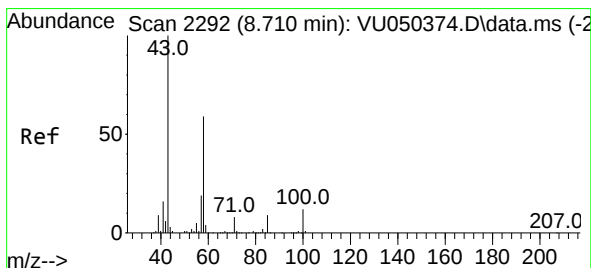
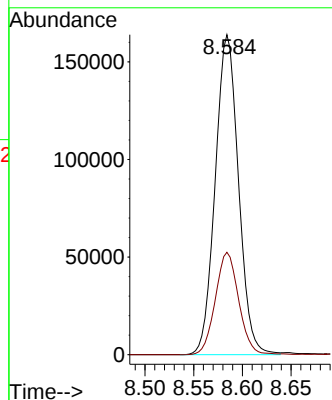
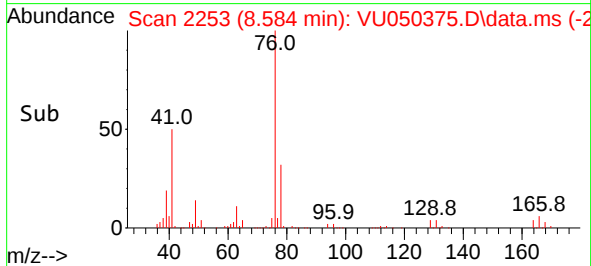
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



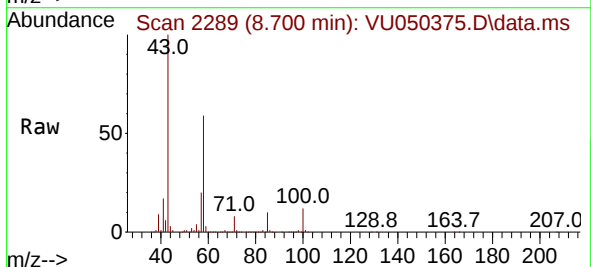
Tgt Ion: 76 Resp: 27217
Ion Ratio Lower Upper
76 100
78 32.2 26.0 39.0

Manual Integrations
APPROVED

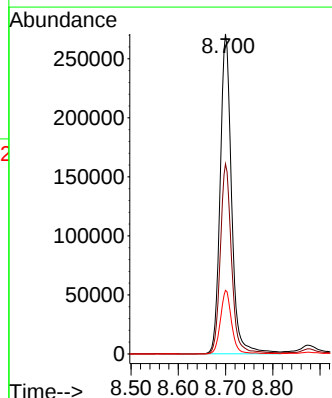
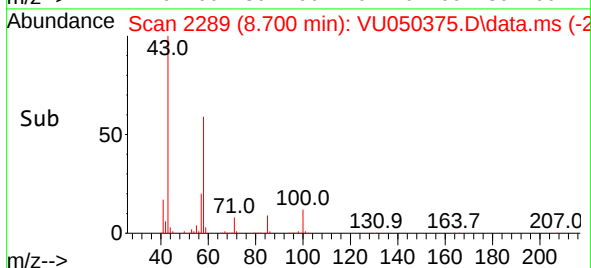
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022

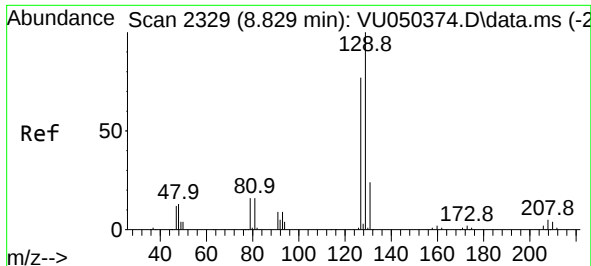


#54
2-Hexanone
Concen: 85.070 ug/l
RT: 8.700 min Scan# 2289
Delta R.T. -0.010 min
Lab File: VU050375.D
Acq: 19 Aug 2022 14:25



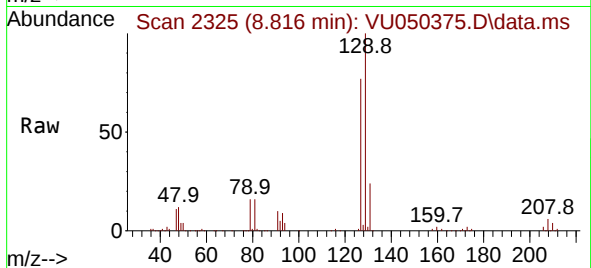
Tgt Ion: 43 Resp: 455221
Ion Ratio Lower Upper
43 100
58 58.9 37.1 77.1
57 19.3 0.0 39.5





#55
Dibromochloromethane
Concen: 15.873 ug/l
RT: 8.816 min Scan# 2325
Delta R.T. -0.013 min
Lab File: VU050375.D
Acq: 19 Aug 2022 14:25

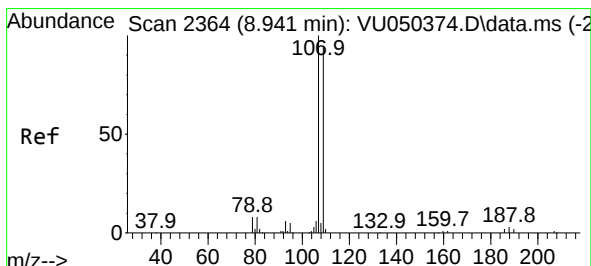
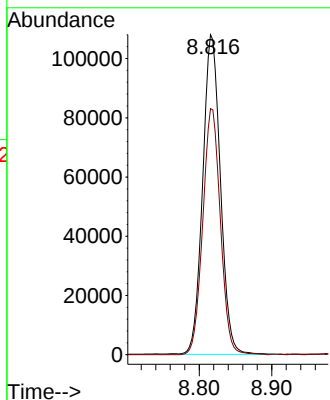
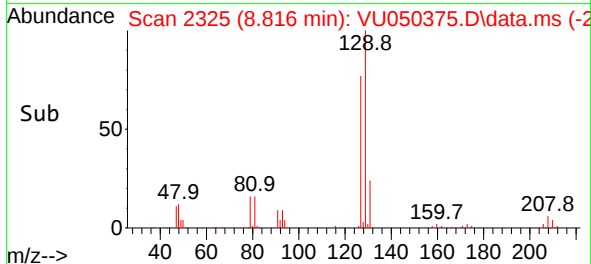
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



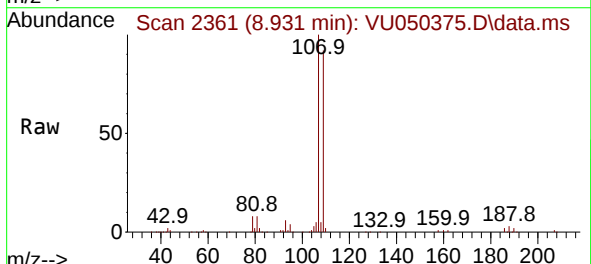
Tgt Ion:129 Resp: 18322
Ion Ratio Lower Upper
129 100
127 76.5 61.2 91.8

Manual Integrations
APPROVED

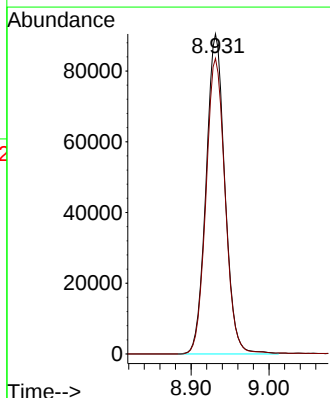
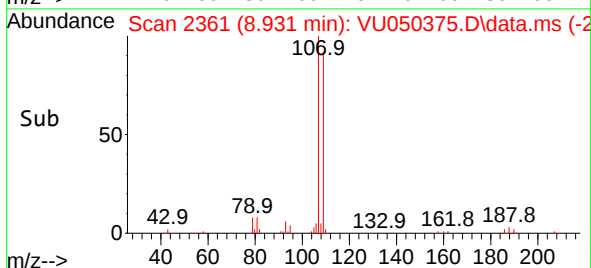
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022

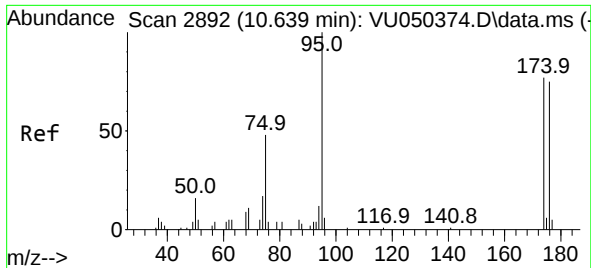


#56
1,2-Dibromoethane
Concen: 16.055 ug/l
RT: 8.931 min Scan# 2361
Delta R.T. -0.010 min
Lab File: VU050375.D
Acq: 19 Aug 2022 14:25



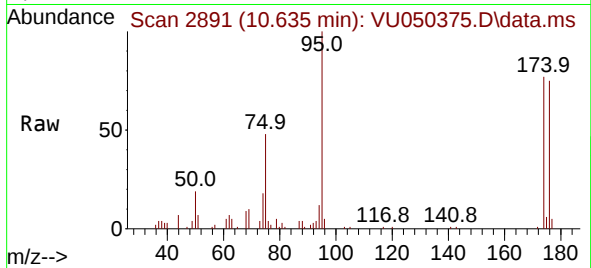
Tgt Ion:107 Resp: 151560
Ion Ratio Lower Upper
107 100
109 94.0 0.0 187.2





#57
4-Bromofluorobenzene
Concen: 1.112 ug/l
RT: 10.635 min Scan# 2892
Delta R.T. -0.003 min
Lab File: VU050375.D
Acq: 19 Aug 2022 14:25

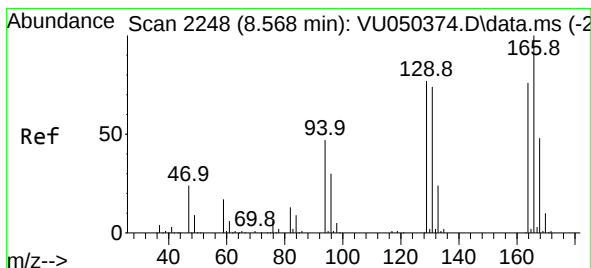
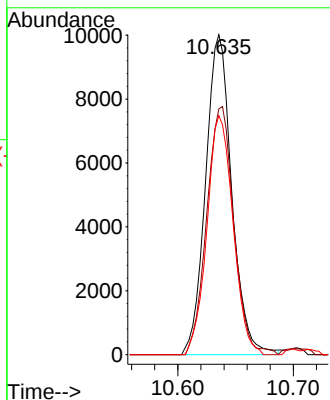
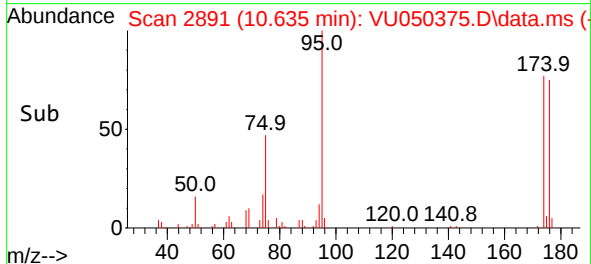
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



Tgt Ion: 95 Resp: 1576
Ion Ratio Lower Upper
95 100
174 80.3 62.4 93.6
176 74.4 56.2 84.2

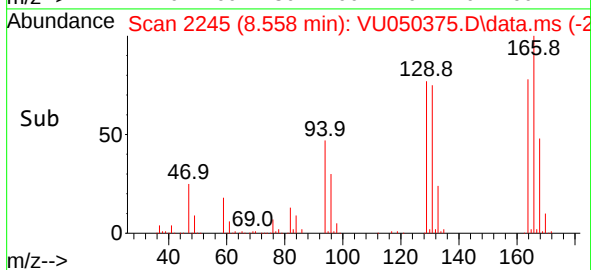
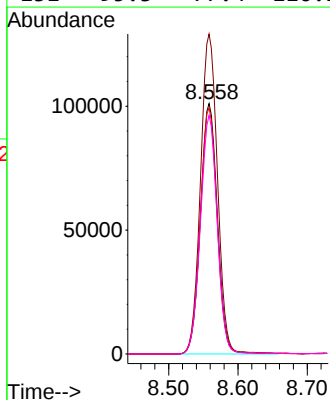
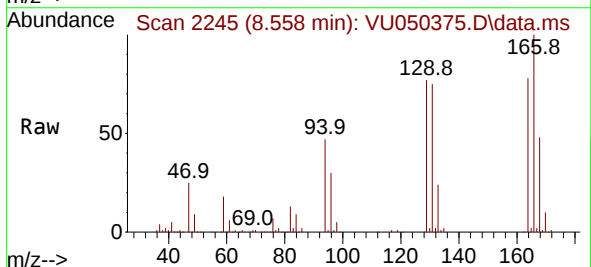
Manual Integrations
APPROVED

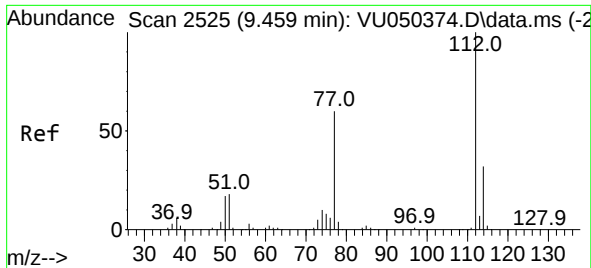
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#58
Tetrachloroethene
Concen: 15.795 ug/l
RT: 8.558 min Scan# 2245
Delta R.T. -0.010 min
Lab File: VU050375.D
Acq: 19 Aug 2022 14:25

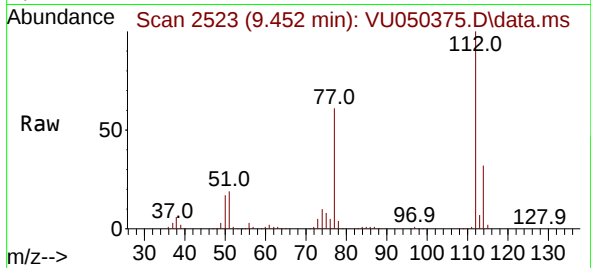
Tgt Ion:164 Resp: 171857
Ion Ratio Lower Upper
164 100
166 127.8 102.4 153.6
129 98.2 79.5 119.3
131 95.3 77.4 116.2





#59
Chlorobenzene
Concen: 17.383 ug/l
RT: 9.452 min Scan# 2523
Delta R.T. -0.007 min
Lab File: VU050375.D
Acq: 19 Aug 2022 14:25

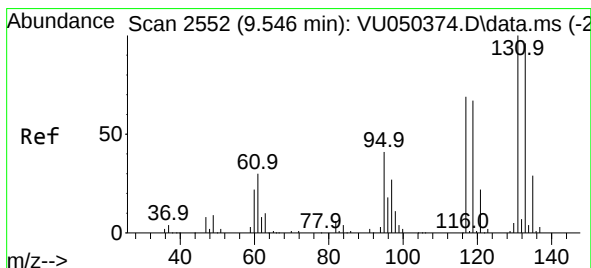
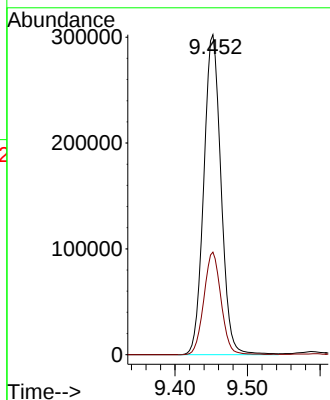
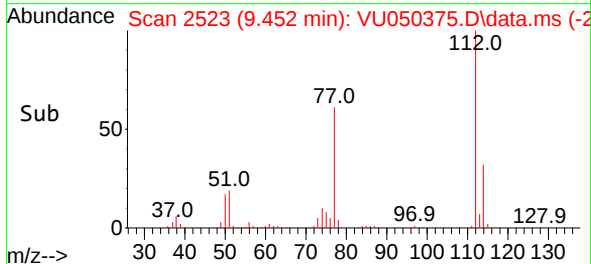
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



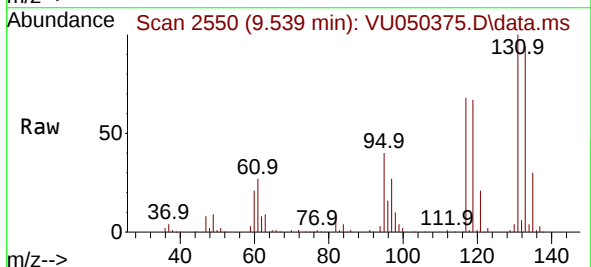
Tgt Ion:112 Resp: 499898
Ion Ratio Lower Upper
112 100
114 32.0 24.9 37.3

Manual Integrations
APPROVED

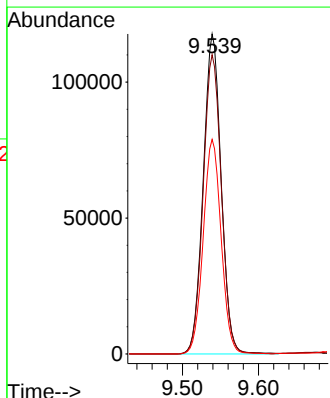
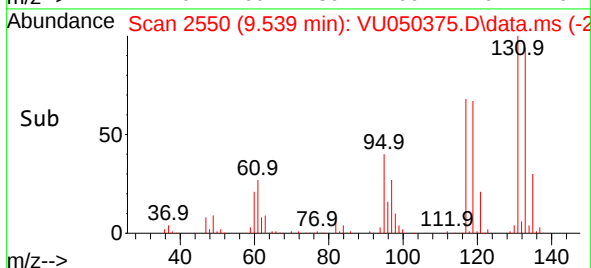
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022

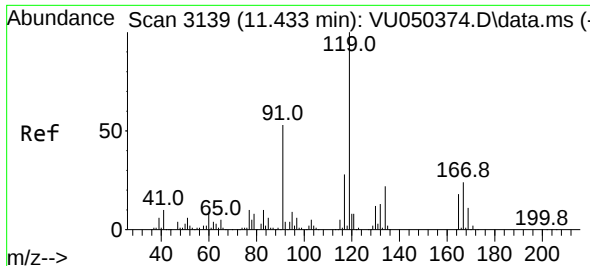


#60
1,1,1,2-Tetrachloroethane
Concen: 16.174 ug/l
RT: 9.539 min Scan# 2550
Delta R.T. -0.007 min
Lab File: VU050375.D
Acq: 19 Aug 2022 14:25



Tgt Ion:131 Resp: 192418
Ion Ratio Lower Upper
131 100
133 95.2 78.3 117.5
119 67.2 53.2 79.8





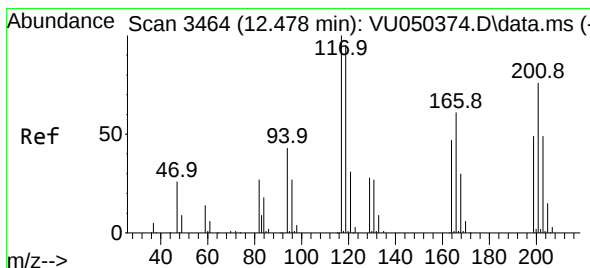
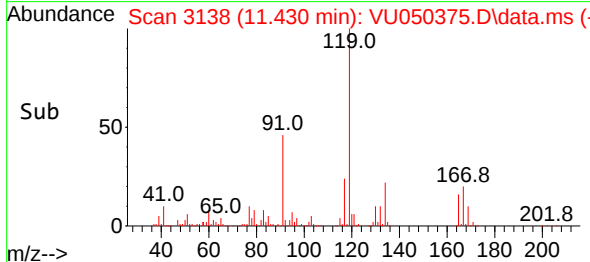
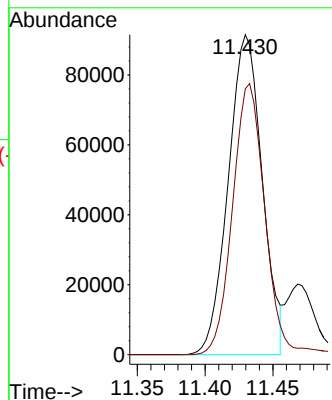
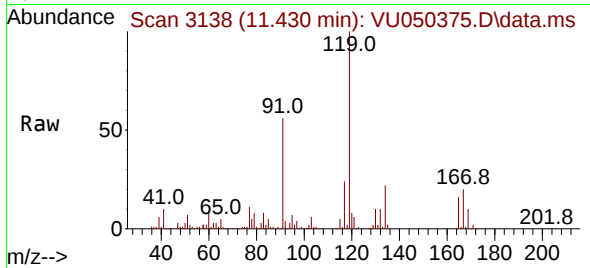
#61
Pentachloroethane
Concen: 16.226 ug/l
RT: 11.430 min Scan# 3139
Delta R.T. -0.003 min
Lab File: VU050375.D
Acq: 19 Aug 2022 14:25

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion:117 Resp: 159559
Ion Ratio Lower Upper
117 100
167 80.8 66.2 99.4

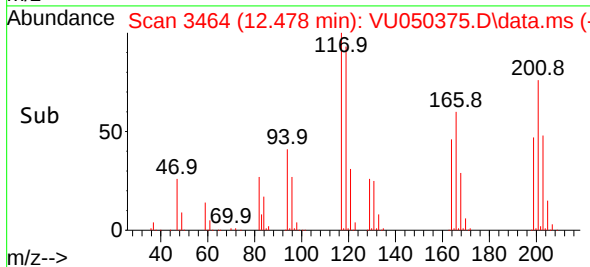
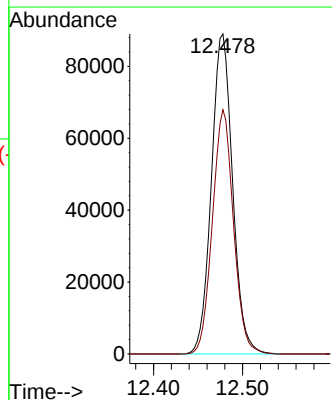
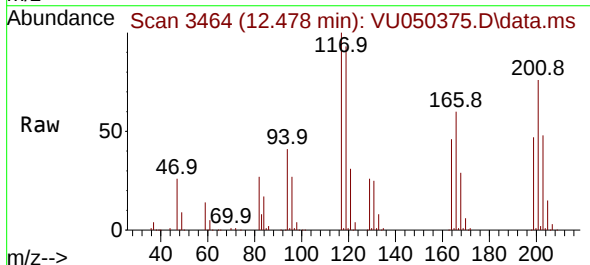
Manual Integrations
APPROVED

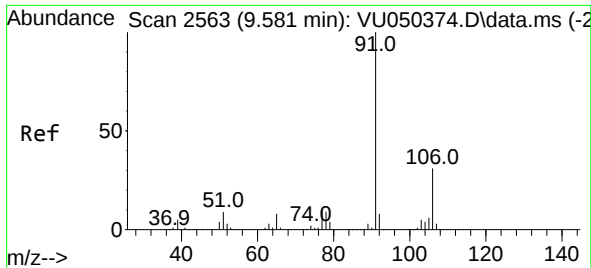
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#62
Hexachloroethane
Concen: 19.020 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. -0.000 min
Lab File: VU050375.D
Acq: 19 Aug 2022 14:25

Tgt Ion:117 Resp: 147229
Ion Ratio Lower Upper
117 100
201 75.8 61.0 91.4





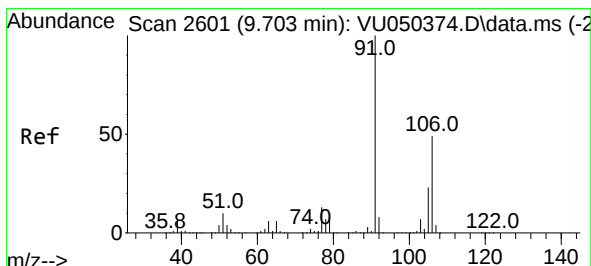
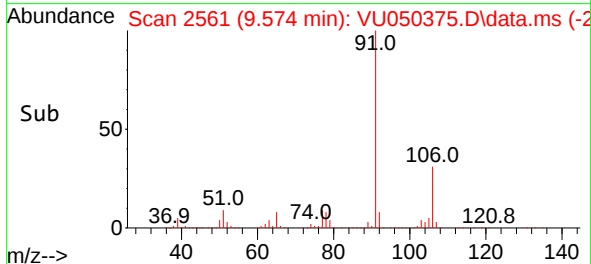
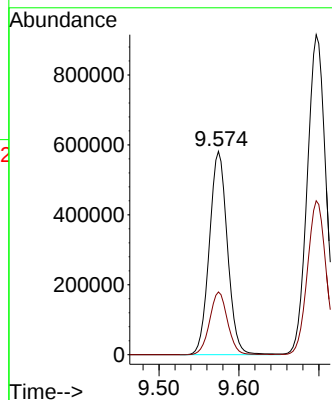
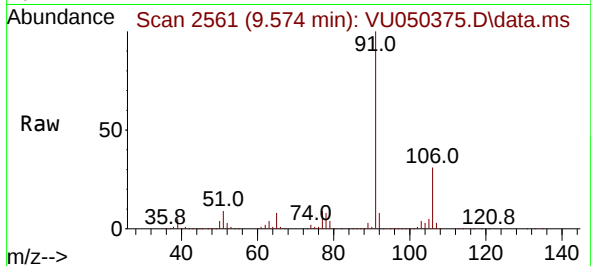
#63
Ethyl Benzene
Concen: 20.176 ug/l
RT: 9.574 min Scan# 2561
Delta R.T. -0.007 min
Lab File: VU050375.D
Acq: 19 Aug 2022 14:25

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015

Tgt Ion: 91 Resp: 914588
Ion Ratio Lower Upper
91 100
106 30.9 24.4 36.6

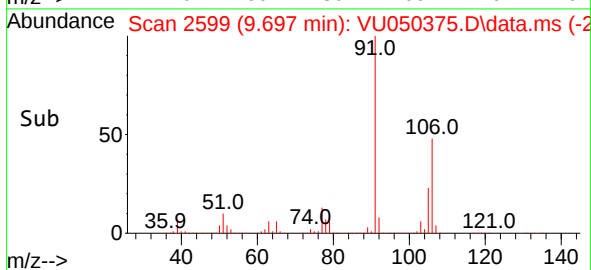
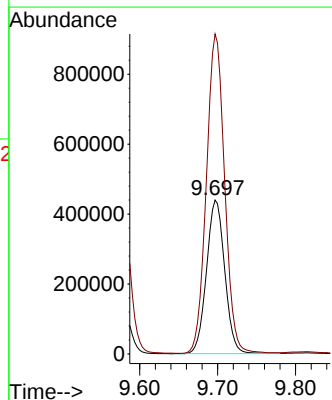
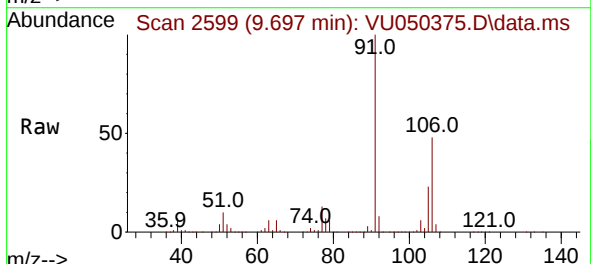
Manual Integrations
APPROVED

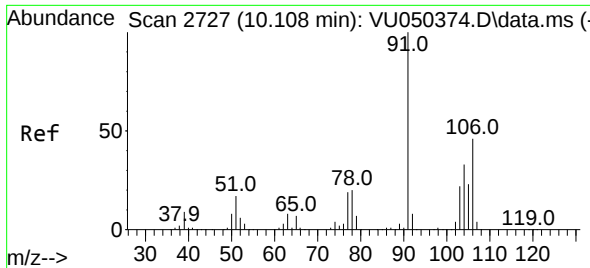
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#64
m/p-Xylenes
Concen: 40.610 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. -0.007 min
Lab File: VU050375.D
Acq: 19 Aug 2022 14:25

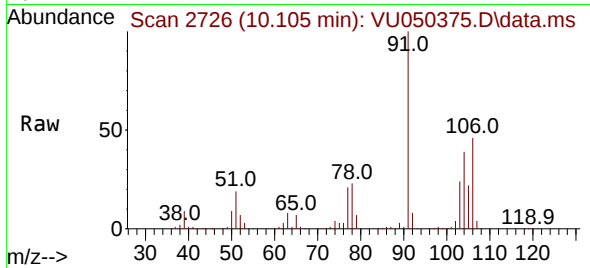
Tgt Ion:106 Resp: 715930
Ion Ratio Lower Upper
106 100
91 207.8 167.8 251.6





#65
o-Xylene
Concen: 19.617 ug/l
RT: 10.105 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU050375.D
Acq: 19 Aug 2022 14:25

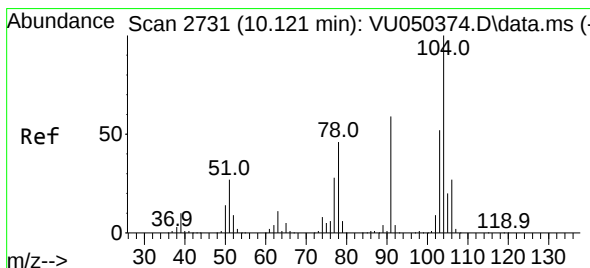
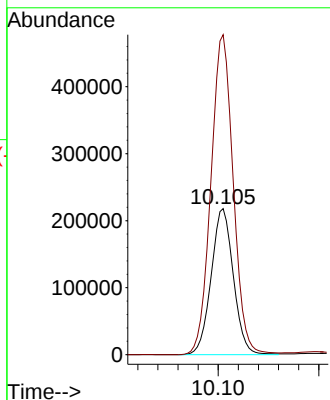
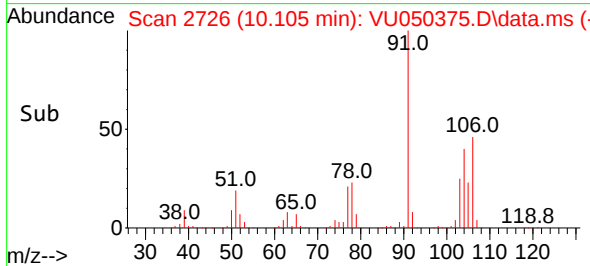
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



Tgt Ion:106 Resp: 334350
Ion Ratio Lower Upper
106 100
91 220.3 111.1 333.2

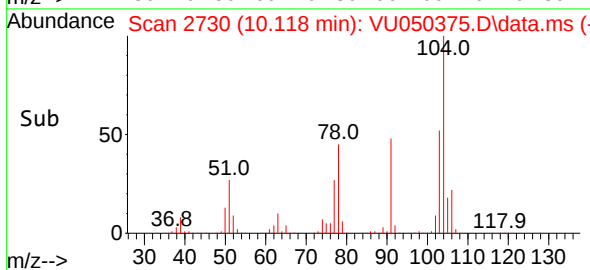
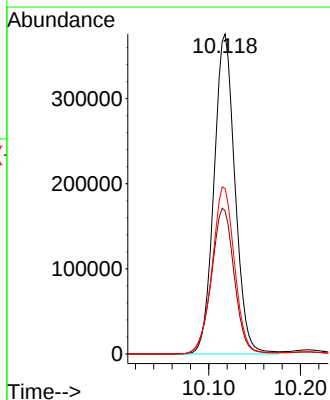
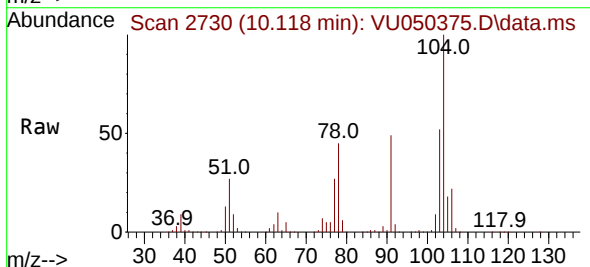
Manual Integrations
APPROVED

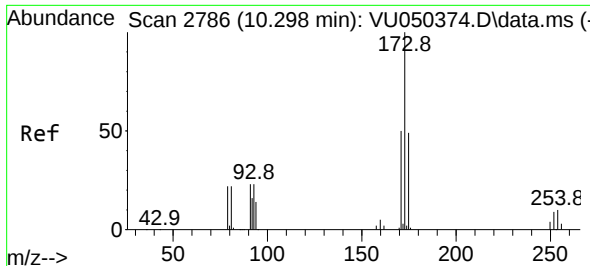
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#66
Styrene
Concen: 21.270 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. -0.003 min
Lab File: VU050375.D
Acq: 19 Aug 2022 14:25

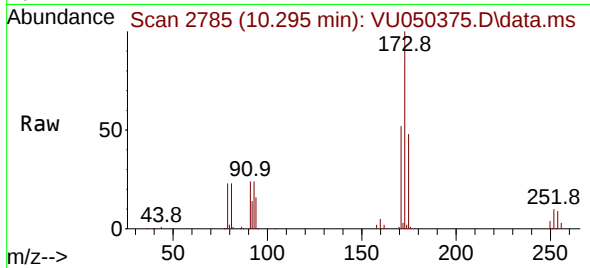
Tgt Ion:104 Resp: 598005
Ion Ratio Lower Upper
104 100
78 49.4 42.1 63.1
103 55.7 44.5 66.7





#67
Bromoform
Concen: 15.769 ug/l
RT: 10.295 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU050375.D
Acq: 19 Aug 2022 14:25

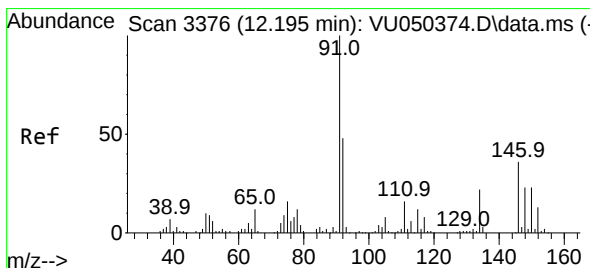
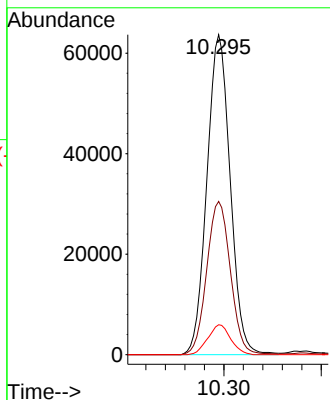
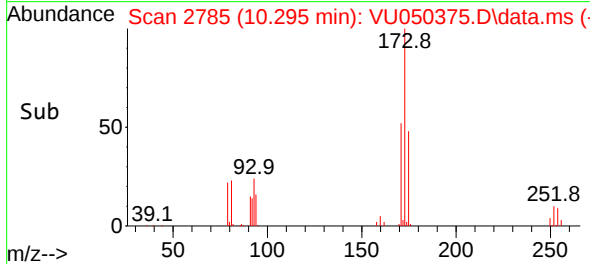
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



Tgt Ion:173 Resp: 10564
Ion Ratio Lower Upper
173 100
175 48.8 38.4 57.6
254 9.2 7.7 11.5

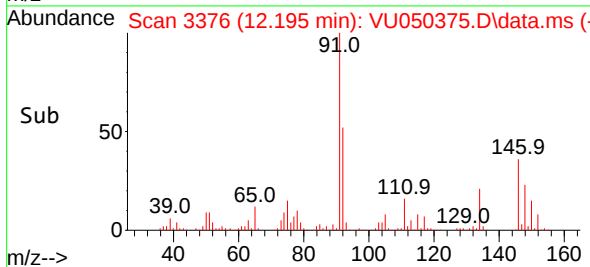
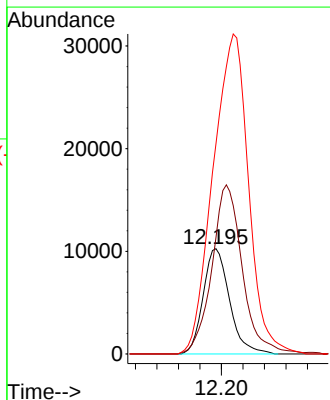
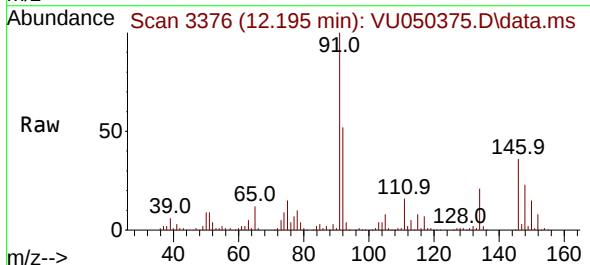
Manual Integrations
APPROVED

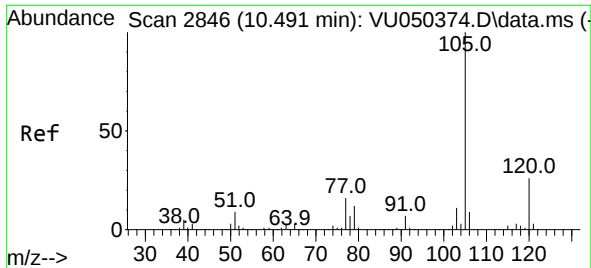
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#68
1,2-Dichlorobenzene-d4
Concen: 1.096 ug/l
RT: 12.195 min Scan# 3376
Delta R.T. -0.000 min
Lab File: VU050375.D
Acq: 19 Aug 2022 14:25

Tgt Ion:152 Resp: 17447
Ion Ratio Lower Upper
152 100
115 185.6 0.0 254.6
150 408.5 0.0 623.6





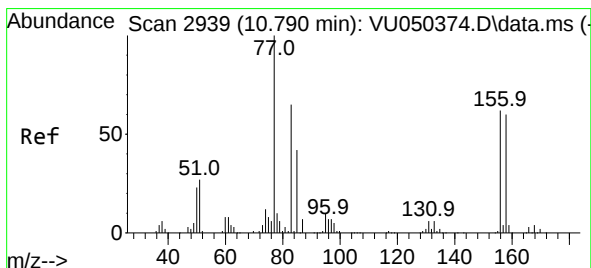
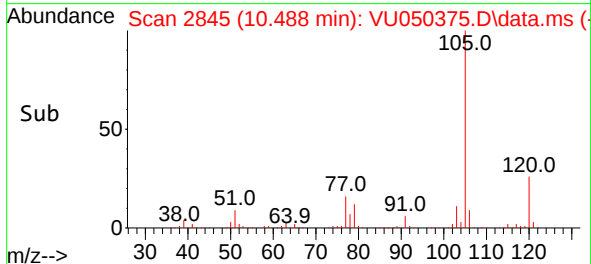
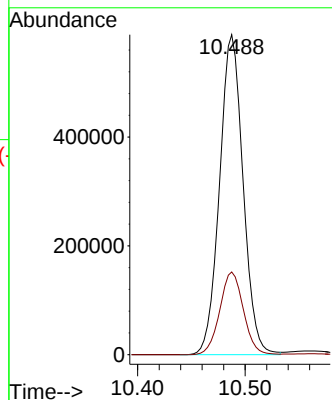
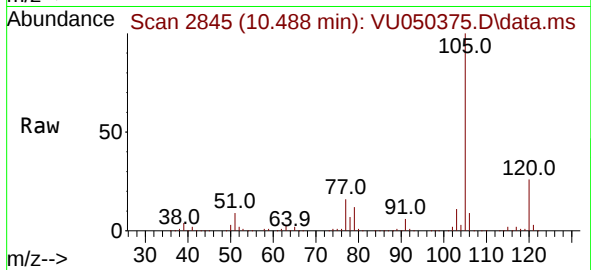
#69
Isopropylbenzene
Concen: 20.467 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. -0.003 min
Lab File: VU050375.D
Acq: 19 Aug 2022 14:25

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion:105 Resp: 89336
Ion Ratio Lower Upper
105 100
120 26.0 12.6 37.8

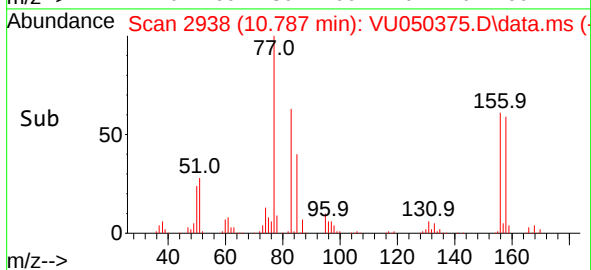
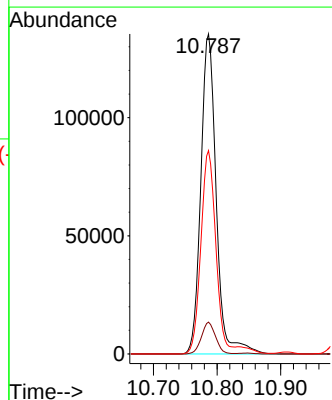
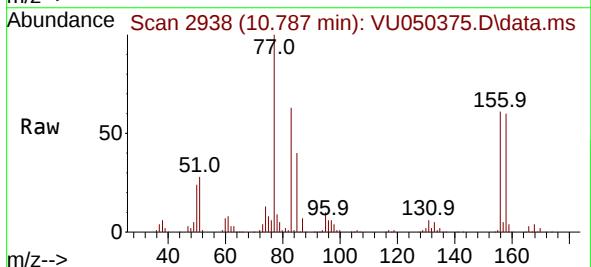
Manual Integrations
APPROVED

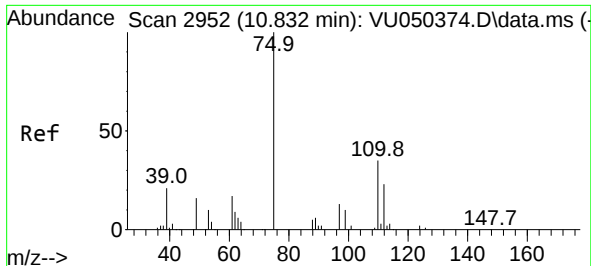
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#70
1,1,2,2-Tetrachloroethane
Concen: 15.501 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. -0.003 min
Lab File: VU050375.D
Acq: 19 Aug 2022 14:25

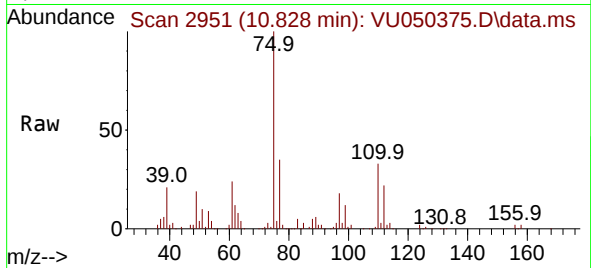
Tgt Ion: 83 Resp: 227605
Ion Ratio Lower Upper
83 100
131 9.1 7.7 11.5
85 61.7 51.2 76.8





#71
1,2,3-Trichloropropane
Concen: 17.025 ug/l m
RT: 10.828 min Scan# 2951
Delta R.T. -0.003 min
Lab File: VU050375.D
Acq: 19 Aug 2022 14:25

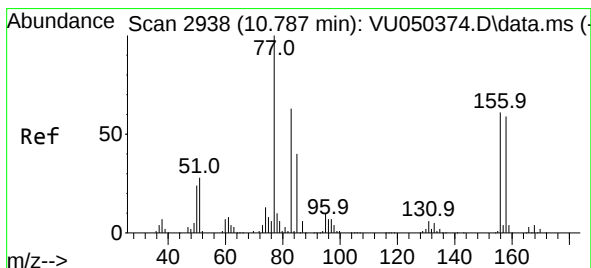
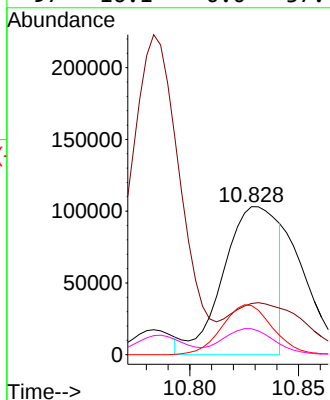
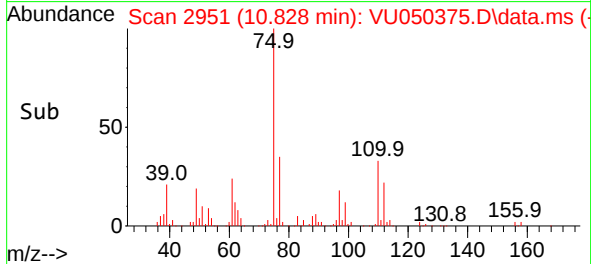
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



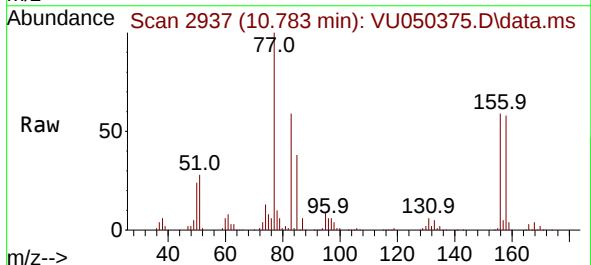
Tgt Ion: 75 Resp: 179370
Ion Ratio Lower Upper
75 100
77 45.7 0.0 112.4
110 31.6 0.0 70.6
97 16.1 0.0 37.4

Manual Integrations
APPROVED

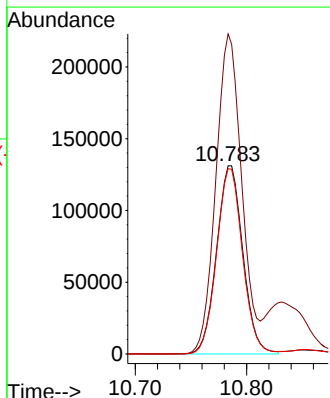
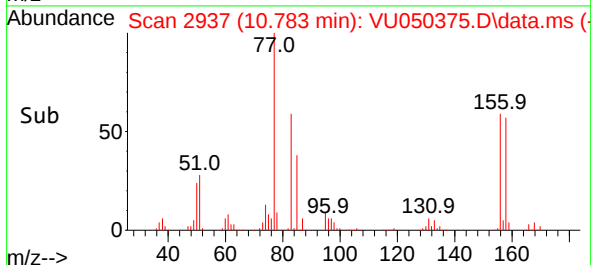
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022

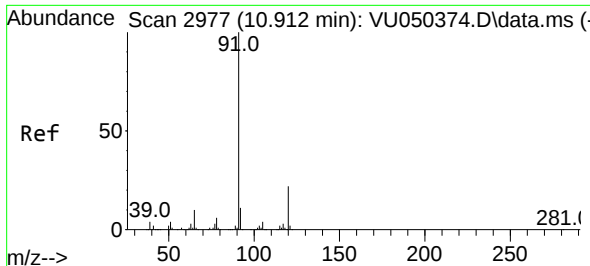


#72
Bromobenzene
Concen: 17.688 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. -0.003 min
Lab File: VU050375.D
Acq: 19 Aug 2022 14:25



Tgt Ion:156 Resp: 215283
Ion Ratio Lower Upper
156 100
77 167.3 0.0 344.4
158 97.1 0.0 192.2





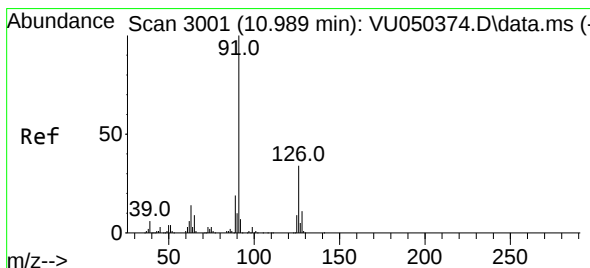
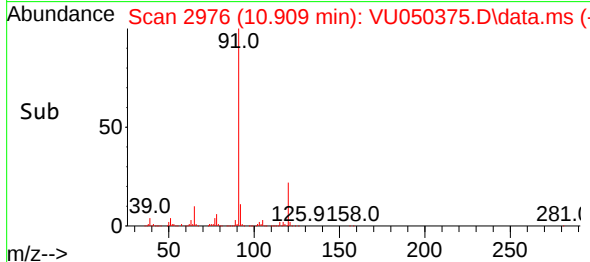
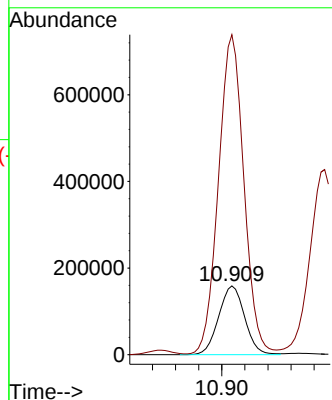
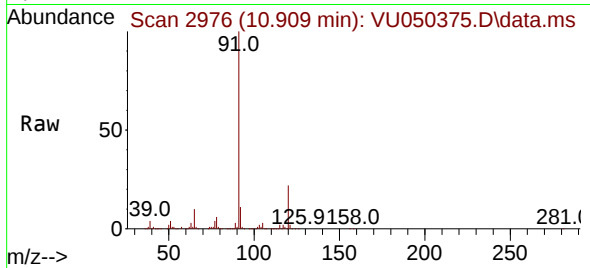
#73
n-propylbenzene
Concen: 21.551 ug/l
RT: 10.909 min Scan# 2977
Delta R.T. -0.003 min
Lab File: VU050375.D
Acq: 19 Aug 2022 14:25

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion:120 Resp: 24748
Ion Ratio Lower Upper
120 100
91 453.5 367.8 551.6

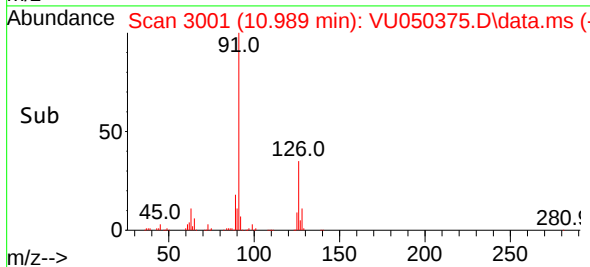
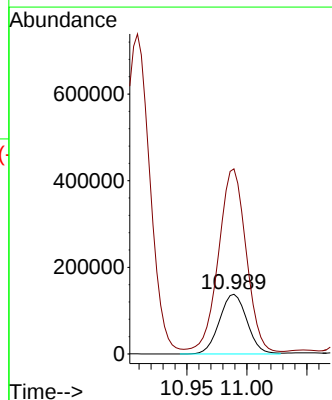
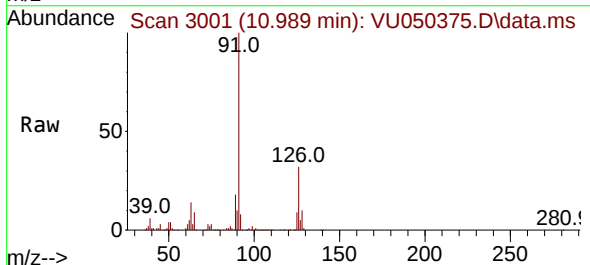
Manual Integrations
APPROVED

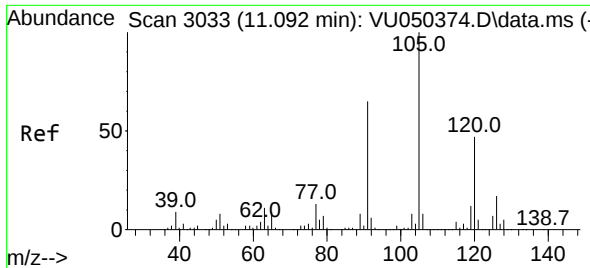
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#74
2-Chlorotoluene
Concen: 19.565 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. -0.000 min
Lab File: VU050375.D
Acq: 19 Aug 2022 14:25

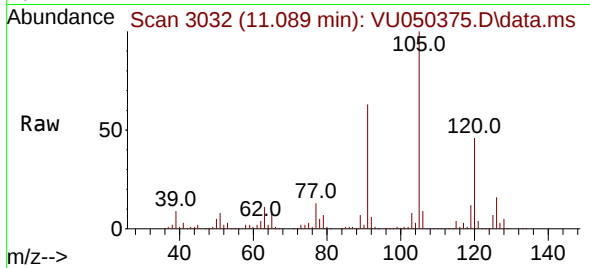
Tgt Ion:126 Resp: 220039
Ion Ratio Lower Upper
126 100
91 306.5 0.0 620.6





#75
1,3,5-Trimethylbenzene
Concen: 20.542 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. -0.003 min
Lab File: VU050375.D
Acq: 19 Aug 2022 14:25

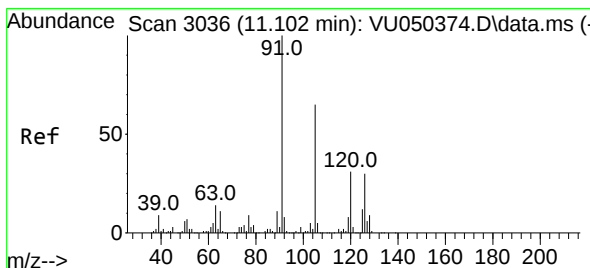
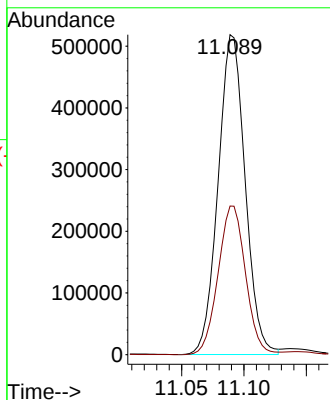
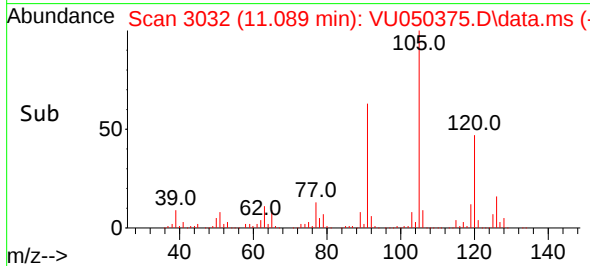
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



Tgt Ion:105 Resp: 78293
Ion Ratio Lower Upper
105 100
120 47.3 37.6 56.4

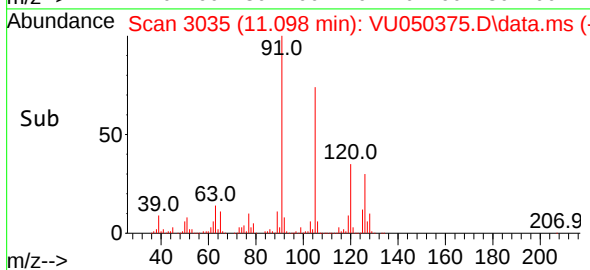
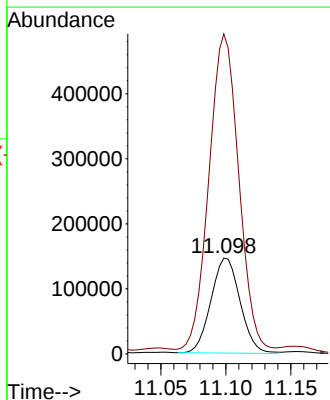
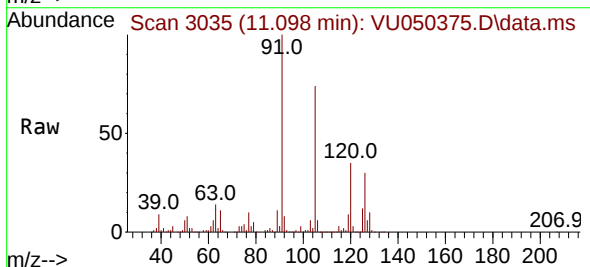
Manual Integrations
APPROVED

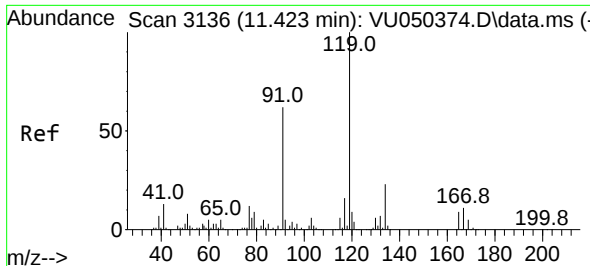
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#76
4-Chlorotoluene
Concen: 20.129 ug/l
RT: 11.098 min Scan# 3035
Delta R.T. -0.003 min
Lab File: VU050375.D
Acq: 19 Aug 2022 14:25

Tgt Ion:126 Resp: 226887
Ion Ratio Lower Upper
126 100
91 337.6 0.0 738.8





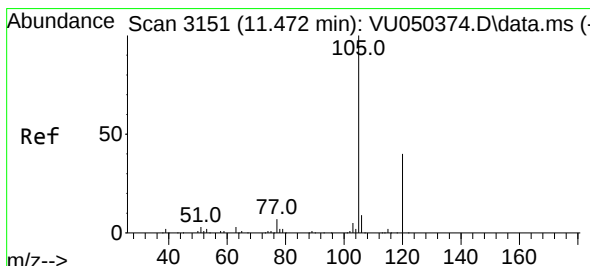
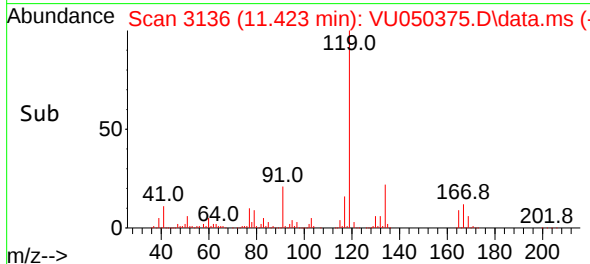
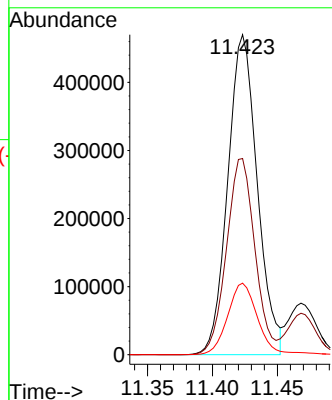
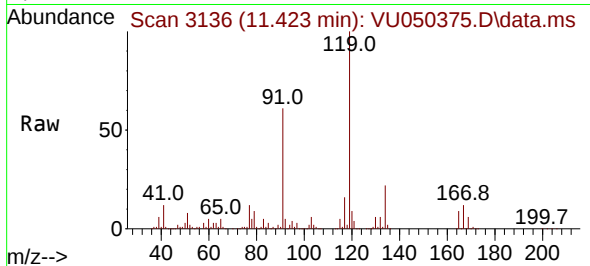
#77
tert-Butylbenzene
Concen: 19.923 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. -0.000 min
Lab File: VU050375.D
Acq: 19 Aug 2022 14:25

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion:119 Resp: 74481
Ion Ratio Lower Upper
119 100
91 59.0 30.4 91.3
134 22.8 17.8 26.6

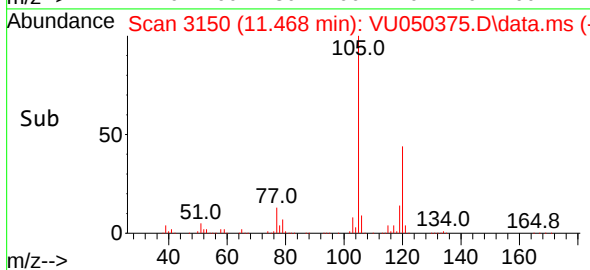
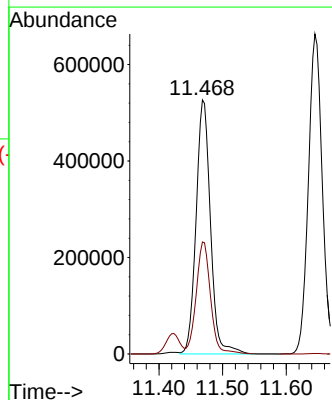
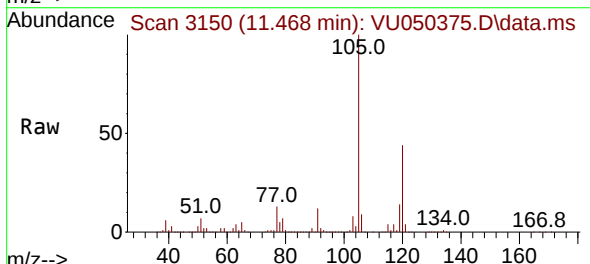
Manual Integrations
APPROVED

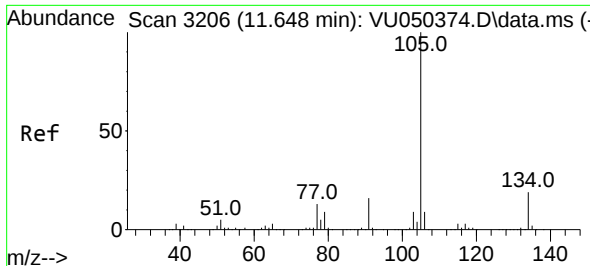
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#78
1,2,4-Trimethylbenzene
Concen: 21.049 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. -0.003 min
Lab File: VU050375.D
Acq: 19 Aug 2022 14:25

Tgt Ion:105 Resp: 827581
Ion Ratio Lower Upper
105 100
120 43.9 21.6 65.0





#79
 sec-Butylbenzene
 Concen: 20.718 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU050375.D
 Acq: 19 Aug 2022 14:25

Instrument :

MSVOA_U

ClientSampleId :

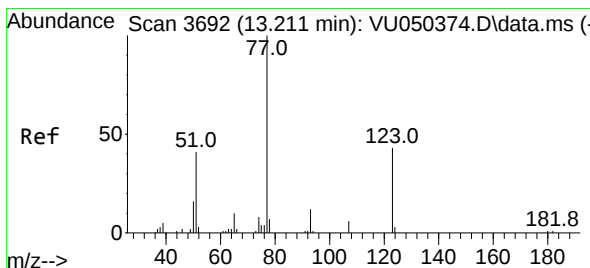
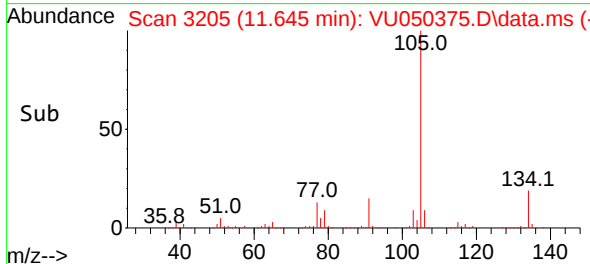
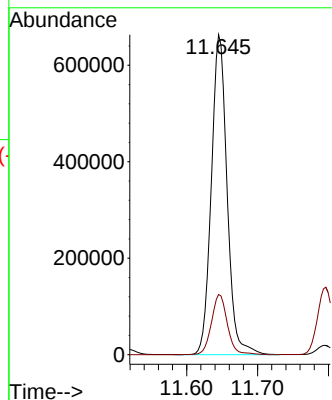
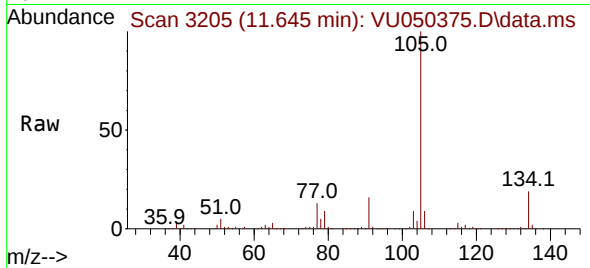
VSTDICC015

Tgt Ion:105 Resp: 1023018
 Ion Ratio Lower Upper
 105 100
 134 19.0 15.4 23.0

Manual Integrations

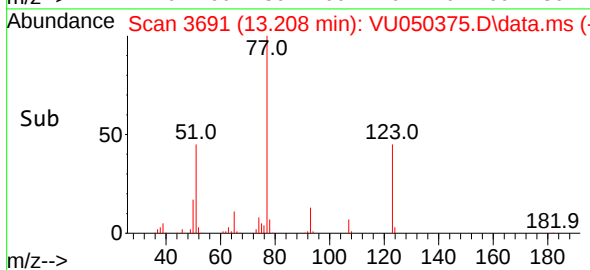
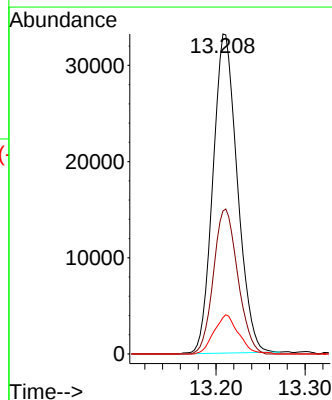
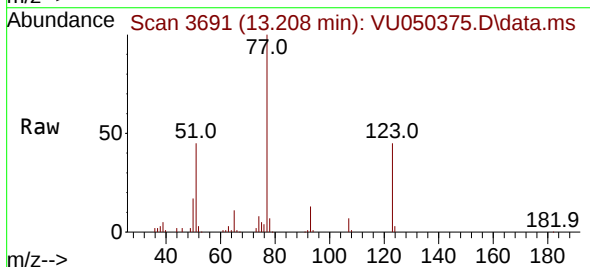
APPROVED

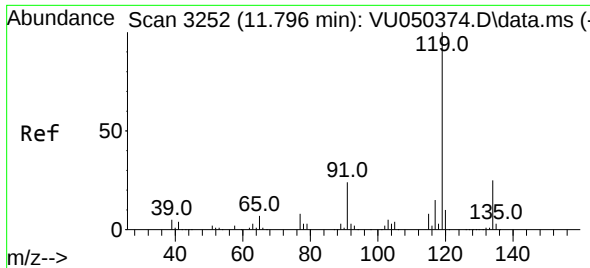
Reviewed By :Krupa Patel 08/30/2022
 Supervised By :Mahesh Dadoda 09/09/2022



#80
 Nitrobenzene
 Concen: 71.274 ug/l
 RT: 13.208 min Scan# 3691
 Delta R.T. -0.003 min
 Lab File: VU050375.D
 Acq: 19 Aug 2022 14:25

Tgt Ion: 77 Resp: 63252
 Ion Ratio Lower Upper
 77 100
 123 45.1 18.1 64.3
 65 12.3 10.8 13.8





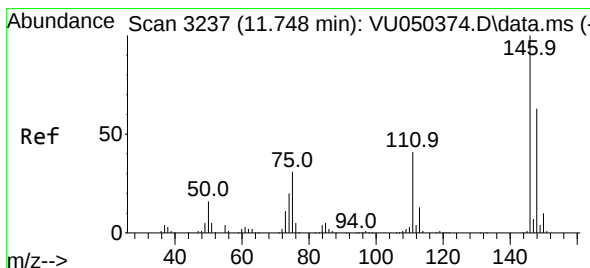
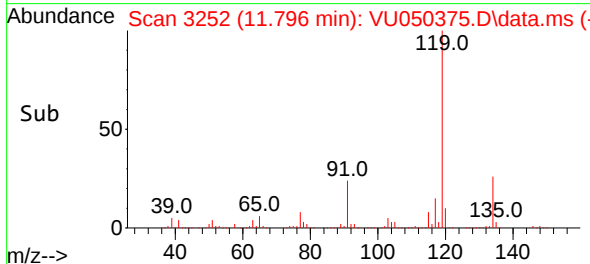
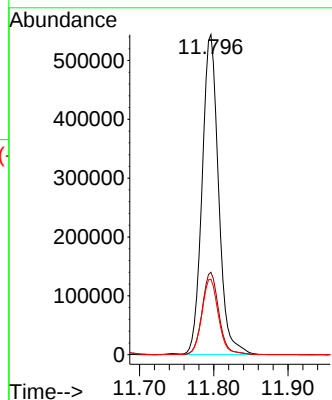
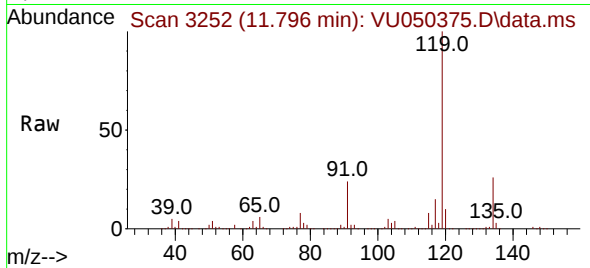
#81
p-Isopropyltoluene
Concen: 21.179 ug/l
RT: 11.796 min Scan# 3252
Delta R.T. -0.000 min
Lab File: VU050375.D
Acq: 19 Aug 2022 14:25

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion:119 Resp: 837504
Ion Ratio Lower Upper
119 100
134 26.1 20.5 30.7
91 23.7 19.8 29.6

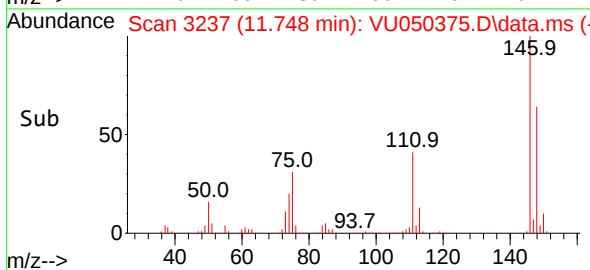
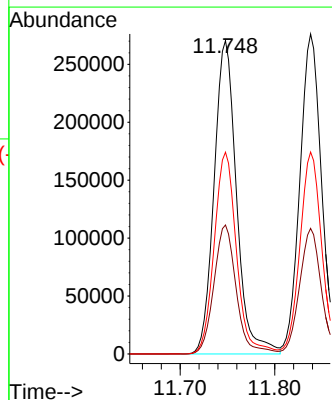
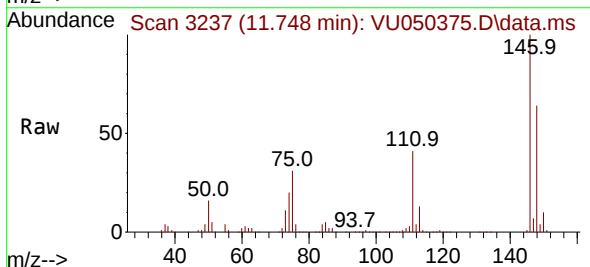
Manual Integrations
APPROVED

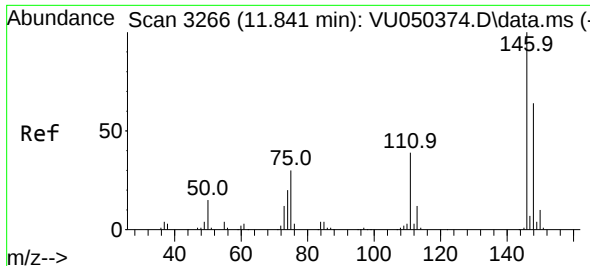
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#82
1,3-Dichlorobenzene
Concen: 18.024 ug/l
RT: 11.748 min Scan# 3237
Delta R.T. -0.000 min
Lab File: VU050375.D
Acq: 19 Aug 2022 14:25

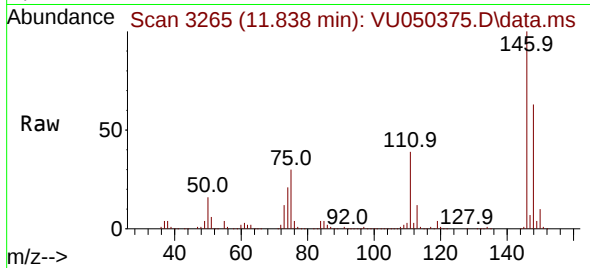
Tgt Ion:146 Resp: 446471
Ion Ratio Lower Upper
146 100
111 40.9 33.4 50.2
148 64.0 51.2 76.8





#83
1,4-Dichlorobenzene
Concen: 18.106 ug/l
RT: 11.838 min Scan# 3265
Delta R.T. -0.003 min
Lab File: VU050375.D
Acq: 19 Aug 2022 14:25

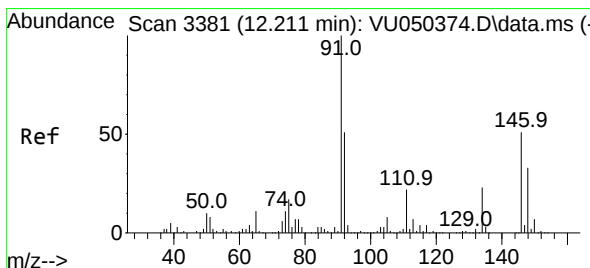
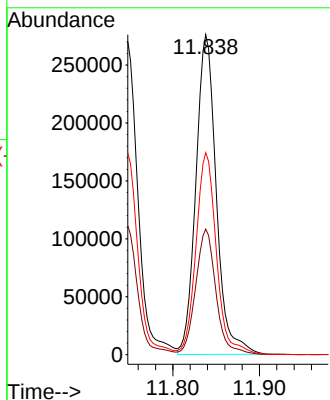
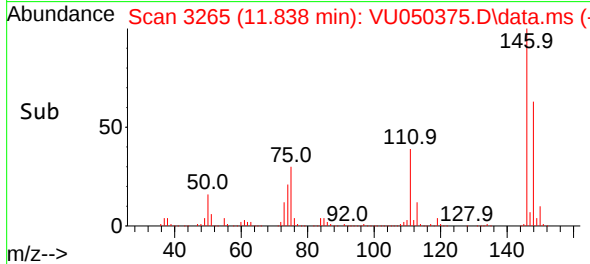
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



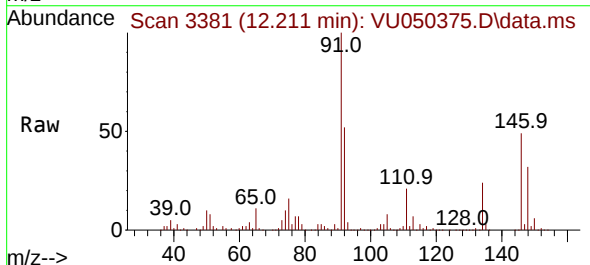
Tgt Ion:146 Resp: 451620
Ion Ratio Lower Upper
146 100
111 39.0 32.6 49.0
148 63.5 51.6 77.4

Manual Integrations
APPROVED

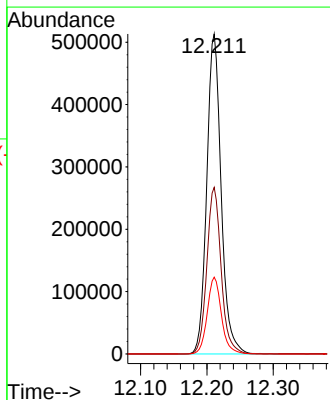
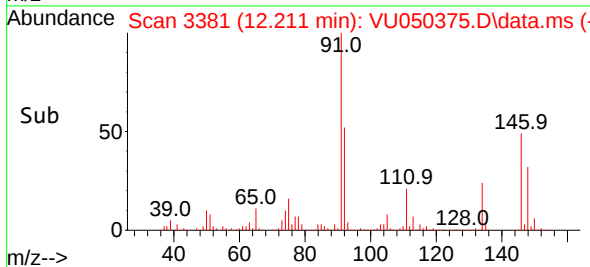
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022

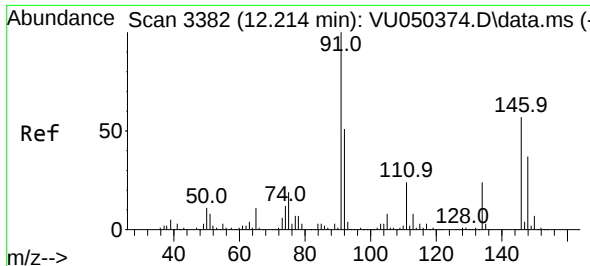


#84
n-Butylbenzene
Concen: 20.602 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. -0.000 min
Lab File: VU050375.D
Acq: 19 Aug 2022 14:25



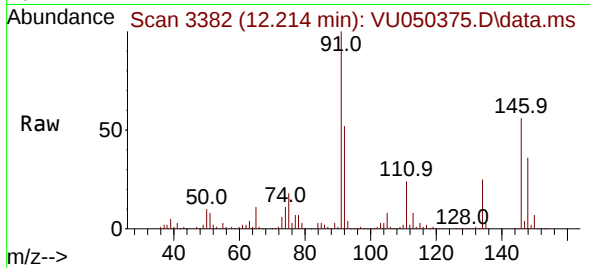
Tgt Ion: 91 Resp: 772644
Ion Ratio Lower Upper
91 100
92 51.8 42.3 63.5
134 23.7 19.6 29.4





#85
1,2-Dichlorobenzene
Concen: 17.557 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. -0.000 min
Lab File: VU050375.D
Acq: 19 Aug 2022 14:25

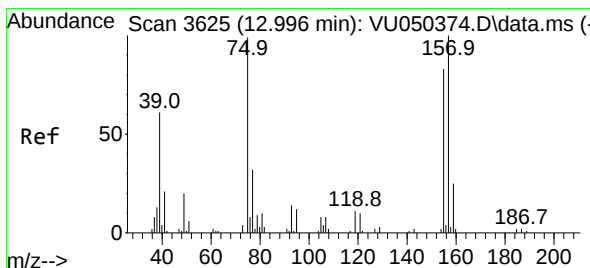
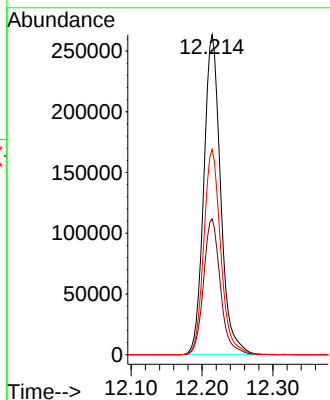
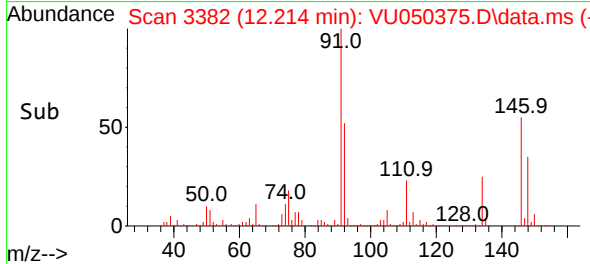
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



Tgt Ion:146 Resp: 434729
Ion Ratio Lower Upper
146 100
111 42.5 22.1 66.1
148 64.6 32.1 96.3

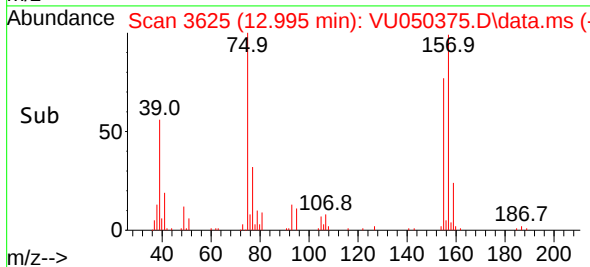
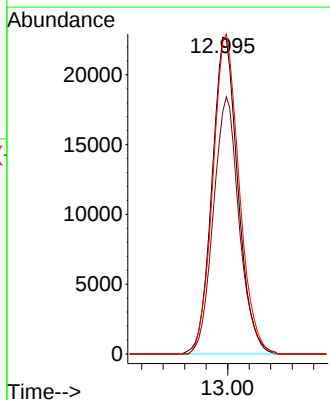
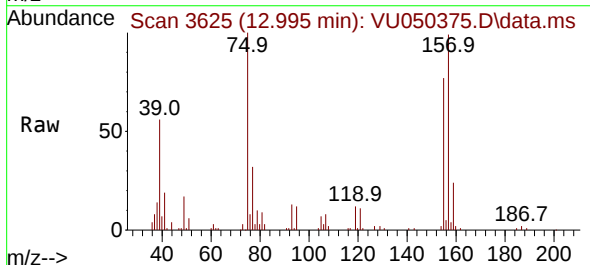
Manual Integrations
APPROVED

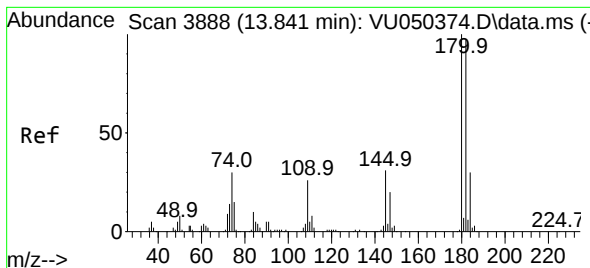
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#86
1,2-Dibromo-3-Chloropropane
Concen: 16.089 ug/l
RT: 12.995 min Scan# 3625
Delta R.T. -0.000 min
Lab File: VU050375.D
Acq: 19 Aug 2022 14:25

Tgt Ion: 75 Resp: 37830
Ion Ratio Lower Upper
75 100
155 81.1 66.8 100.2
157 102.7 83.8 125.8





#87

1,2,4-Trichlorobenzene

Concen: 19.111 ug/l

RT: 13.841 min Scan# 3888

Delta R.T. -0.000 min

Lab File: VU050375.D

Acq: 19 Aug 2022 14:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion:180 Resp: 27576

Ion Ratio Lower Upper

180 100

182 95.7 77.0 115.6

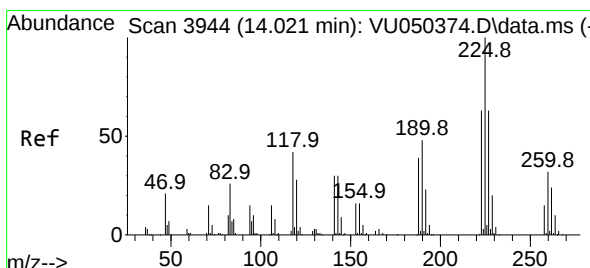
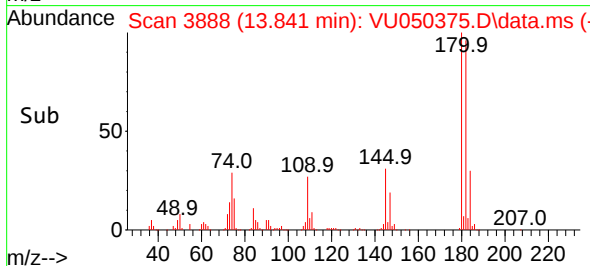
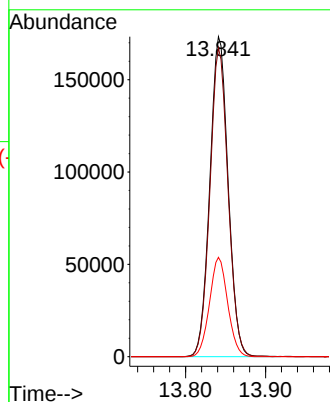
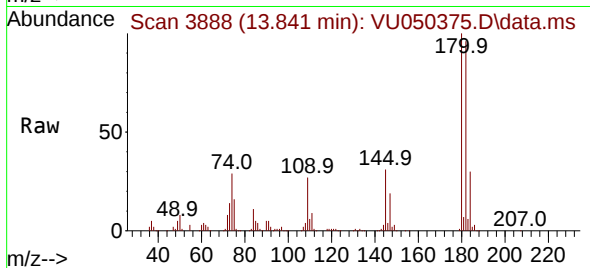
145 30.8 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/30/2022

Supervised By :Mahesh Dadoda 09/09/2022



#88

Hexachlorobutadiene

Concen: 18.381 ug/l

RT: 14.021 min Scan# 3944

Delta R.T. -0.000 min

Lab File: VU050375.D

Acq: 19 Aug 2022 14:25

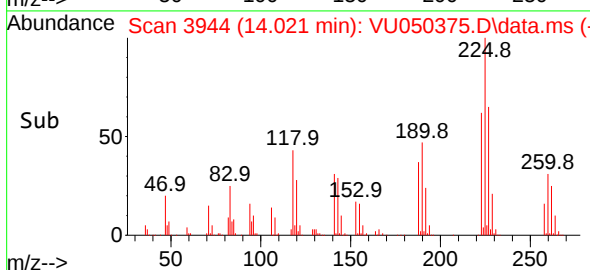
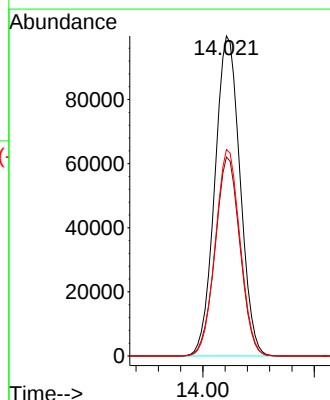
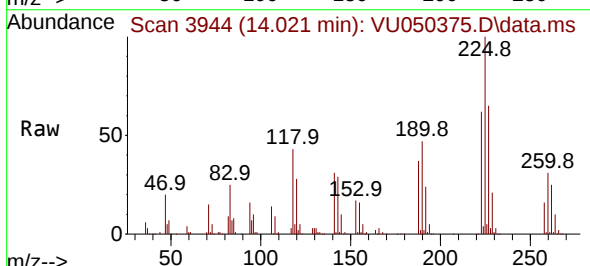
Tgt Ion:225 Resp: 156930

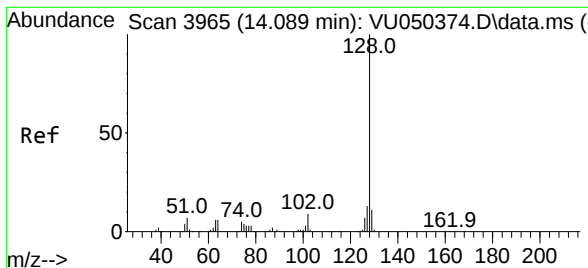
Ion Ratio Lower Upper

225 100

223 61.3 50.6 76.0

227 63.4 50.7 76.1





#89

Naphthalene

Concen: 19.484 ug/l

RT: 14.089 min Scan# 3965

Delta R.T. -0.000 min

Lab File: VU050375.D

Acq: 19 Aug 2022 14:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

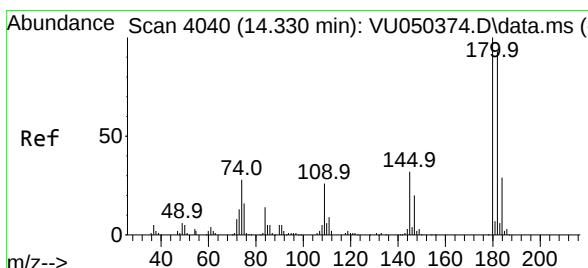
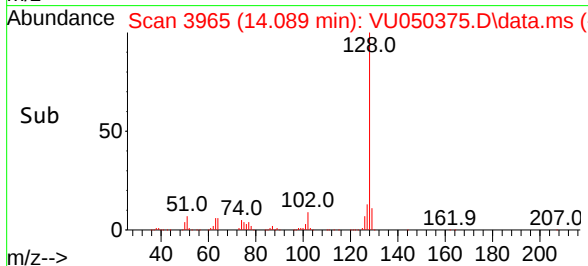
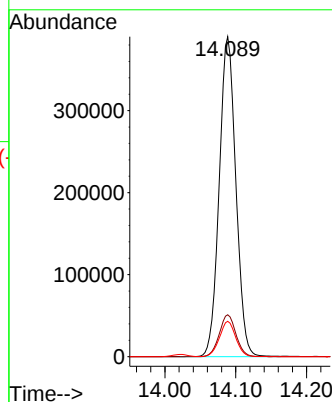
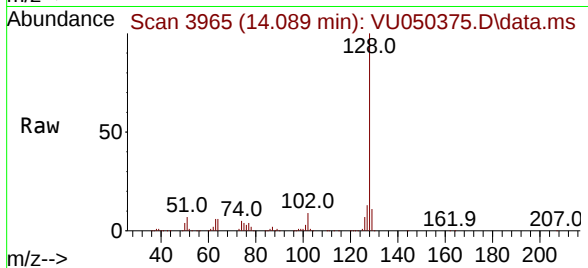
Tgt Ion:	128	Resp:	636178
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.1	15.1
129	10.8	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/30/2022

Supervised By :Mahesh Dadoda 09/09/2022



#90

1,2,3-Trichlorobenzene

Concen: 19.554 ug/l

RT: 14.330 min Scan# 4040

Delta R.T. -0.000 min

Lab File: VU050375.D

Acq: 19 Aug 2022 14:25

Tgt Ion:	180	Resp:	290500
Ion Ratio	Lower	Upper	
180	100		
182	95.3	76.6	114.8
145	32.7	27.3	40.9

