

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100422\
 Data File : VU051106.D
 Acq On : 04 Oct 2022 13:25
 Operator : JC/MD
 Sample : VSTDIC015
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/05/2022
 Supervised By :Mahesh Dadoda 10/05/2022

Quant Time: Oct 05 02:02:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U100422DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Oct 05 01:58:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.115	96	69571	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	24747	0.968	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.000%	
68) 1,2-Dichlorobenzene-d4	12.192	152	26280	1.092	ug/l	0.00
Spiked Amount 1.000			Recovery	=	109.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	308361	11.946	ug/l	99
3) Chloromethane	1.523	50	413619	14.964	ug/l	97
4) Vinyl Chloride	1.604	62	407747	16.053	ug/l	100
5) Bromomethane	1.861	94	240375	17.645	ug/l	98
6) Chloroethane	1.935	64	251102	17.347	ug/l	99
7) Trichlorofluoromethane	2.141	101	450606	14.995	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	257206	16.018	ug/l	96
9) 1,1-Dichloroethene	2.581	96	278633	17.101	ug/l	98
10) Iodomethane	2.723	142	442762	20.493	ug/l	93
11) Allyl Chloride	2.922	41	445607	16.281	ug/l	96
12) Acrylonitrile	3.324	53	167016	37.420	ug/l	94
13) Acetone	2.645	43	253042	75.006	ug/l	95
14) Carbon Disulfide	2.793	76	1008989	18.386	ug/l	100
15) Methylene Chloride	3.044	84	342612	16.370	ug/l	97
16) trans-1,2-Dichloroethene	3.350	96	317280	18.380	ug/l	95
17) 1,1-Dichloroethane	3.867	63	561011	16.134	ug/l	100
18) 2-Butanone	4.723	43	379589	67.343	ug/l	100
19) Cyclohexane	5.385	56	434894m	13.520	ug/l	
20) Methylcyclohexane	6.761	83	454544	14.286	ug/l	99
21) 2,2-Dichloropropane	4.665	77	390655	14.150	ug/l	99
22) cis-1,2-Dichloroethene	4.665	96	332143	16.121	ug/l	96
23) Diethyl Ether	2.379	59	247507	17.663	ug/l	97
24) tert-Butyl Alcohol	3.253	59	127021m	89.423	ug/l	
25) Methyl tert-Butyl Ether	3.366	73	750843	16.631	ug/l	94
26) Bromochloromethane	4.973	128	147928	16.741	ug/l	95
27) Chloroform	5.089	83	568612	16.490	ug/l	96
28) 1,1,1-Trichloroethane	5.314	97	454048	15.248	ug/l	98
29) 1,1-Dichloropropene	5.523	75	401705	15.112	ug/l	99
30) Carbon Tetrachloride	5.523	117	376629	15.062	ug/l	97
31) Isopropyl Ether	3.996	45	819974	14.259	ug/l	94
32) Ethyl-t-butyl ether	4.507	59	741766	13.728	ug/l	98
33) Tert-Amyl methyl ether	5.944	73	685899	14.429	ug/l	98
34) Propionitrile	4.797	54	125597	77.311	ug/l #	90
35) Benzene	5.774	78	1269011	16.509	ug/l	98
36) 1,2-Dichloroethane	5.793	62	368102	16.602	ug/l	100
37) Trichloroethene	6.542	130	304383	15.795	ug/l	100
38) 1,2-Dichloropropane	6.790	63	344315	16.772	ug/l	100
39) Methacrylonitrile	4.980	41	96212	13.992	ug/l	92
40) Methyl acrylate	4.851	55	164863	15.284	ug/l	99
41) Tetrahydrofuran	5.067	42	98727	24.274	ug/l	97
42) 1-Chlorobutane	5.456	56	560583	15.073	ug/l	96
43) Dibromomethane	6.919	93	173453	16.847	ug/l	96
44) Bromodichloromethane	7.105	83	418153	17.093	ug/l	96

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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.793	43	1023935	75.668	ug/l	97
46) t-1,4-Dichloro-2-butene	10.835	75	148638m	33.933	ug/l	
47) Methyl methacrylate	6.964	69	328476	32.331	ug/l	94
48) Ethyl methacrylate	8.333	69	295600	14.870	ug/l	93
49) Toluene	7.967	92	771678	16.538	ug/l	97
50) t-1,3-Dichloropropene	8.211	75	375672	16.252	ug/l	99
51) cis-1,3-Dichloropropene	7.607	75	439210	16.131	ug/l	96
52) 1,1,2-Trichloroethane	8.401	97	250944	17.578	ug/l	99
53) 1,3-Dichloropropane	8.574	76	429060	16.920	ug/l	99
54) 2-Hexanone	8.687	43	712319	75.478	ug/l	98
55) Dibromochloromethane	8.809	129	276877	17.205	ug/l	99
56) 1,2-Dibromoethane	8.922	107	233519	16.977	ug/l	99
58) Tetrachloroethene	8.552	164	305202	18.320	ug/l	98
59) Chlorobenzene	9.446	112	805889	16.503	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.533	131	287669	16.514	ug/l	98
61) Pentachloroethane	11.426	117	198135	15.140	ug/l	89
62) Hexachloroethane	12.475	117	242118	17.896	ug/l	98
63) Ethyl Benzene	9.568	91	1434287	16.502	ug/l	100
64) m/p-Xylenes	9.693	106	1136066	34.743	ug/l	98
65) o-Xylene	10.099	106	541998	16.977	ug/l	98
66) Styrene	10.111	104	928054	17.922	ug/l	98
67) Bromoform	10.288	173	160138	17.331	ug/l	100
69) Isopropylbenzene	10.484	105	1379737	16.377	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.780	83	317340	17.028	ug/l	99
71) 1,2,3-Trichloropropane	10.825	75	258508m	16.673	ug/l	
72) Bromobenzene	10.780	156	326688	16.878	ug/l	99
73) n-propylbenzene	10.906	120	384660	17.809	ug/l	100
74) 2-Chlorotoluene	10.986	126	340365	17.557	ug/l	97
75) 1,3,5-Trimethylbenzene	11.086	105	1245237	17.401	ug/l	99
76) 4-Chlorotoluene	11.095	126	353759	17.980	ug/l	93
77) tert-Butylbenzene	11.420	119	1110650	15.998	ug/l	99
78) 1,2,4-Trimethylbenzene	11.465	105	1293519	17.851	ug/l	98
79) sec-Butylbenzene	11.642	105	1558705	16.915	ug/l	99
80) Nitrobenzene	13.208	77	78774	100.356	ug/l	95
81) p-Isopropyltoluene	11.793	119	1295056	17.349	ug/l	99
82) 1,3-Dichlorobenzene	11.745	146	678197	17.928	ug/l	100
83) 1,4-Dichlorobenzene	11.835	146	682305	17.760	ug/l	98
84) n-Butylbenzene	12.208	91	1193654	17.355	ug/l	98
85) 1,2-Dichlorobenzene	12.211	146	659956	17.852	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.992	75	53471	16.741	ug/l	96
87) 1,2,4-Trichlorobenzene	13.838	180	366252	15.608	ug/l	99
88) Hexachlorobutadiene	14.018	225	223500	17.870	ug/l	99
89) Naphthalene	14.086	128	769498	15.789	ug/l	99
90) 1,2,3-Trichlorobenzene	14.327	180	381324	16.658	ug/l	99

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

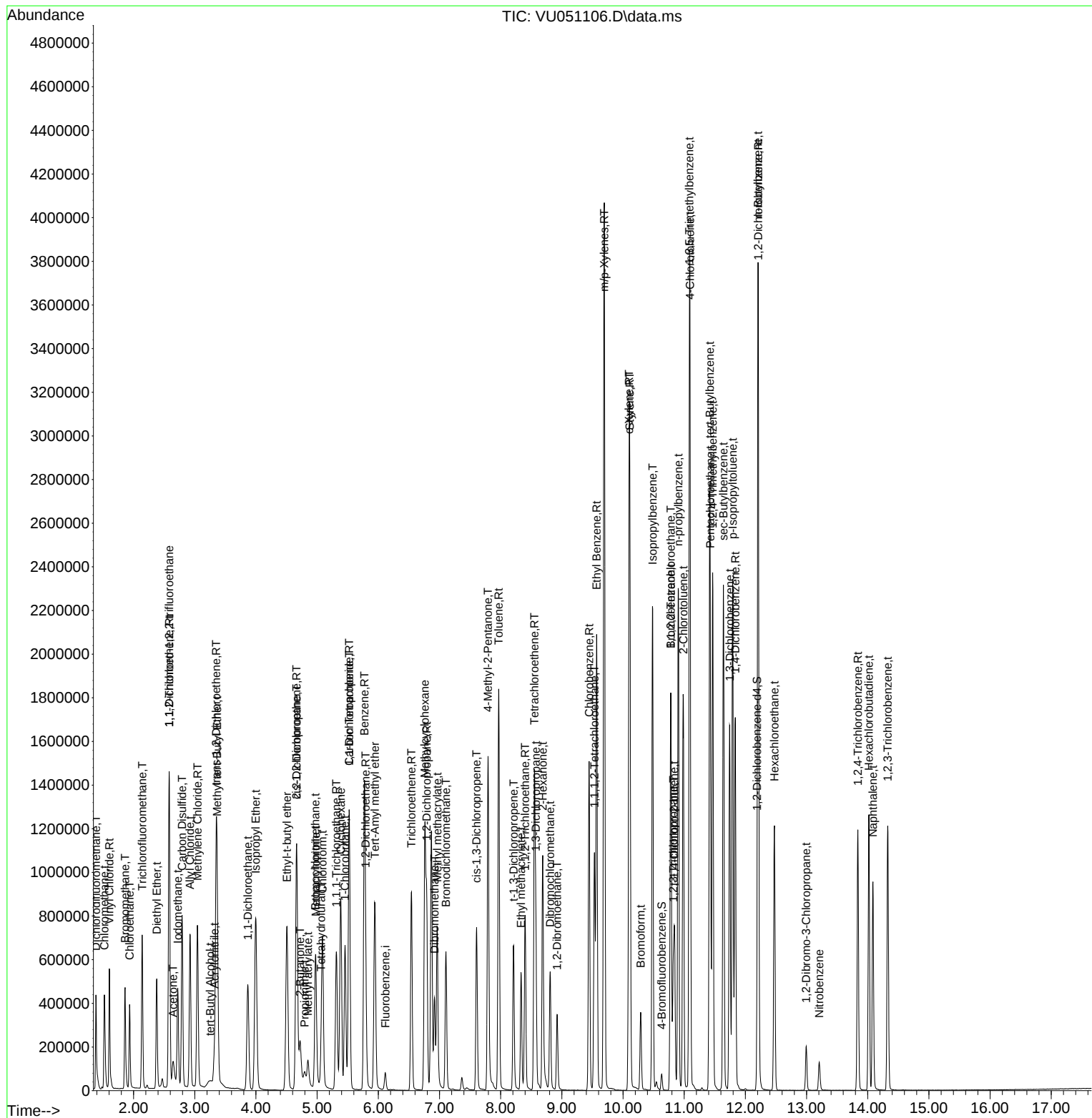
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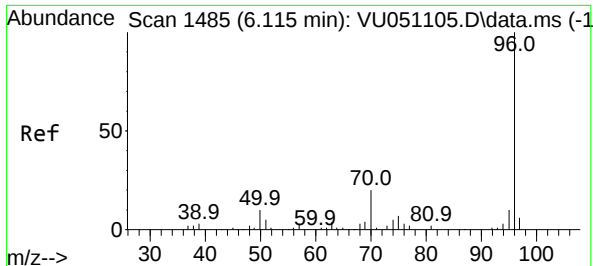
Instrument :
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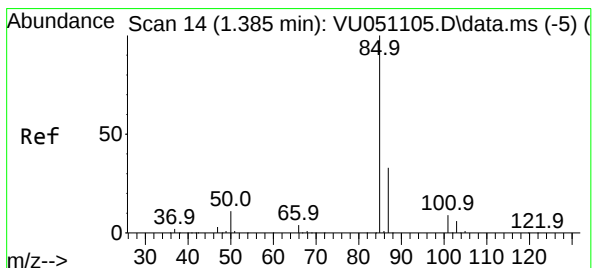
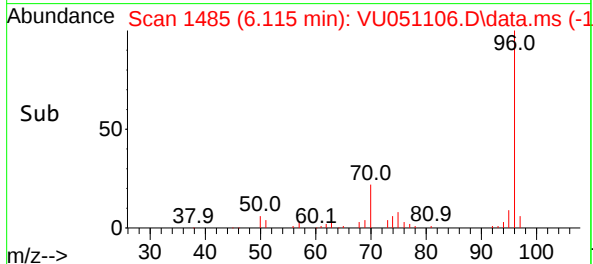
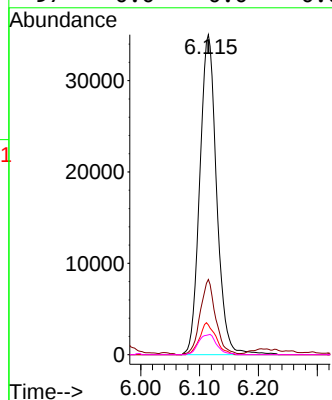
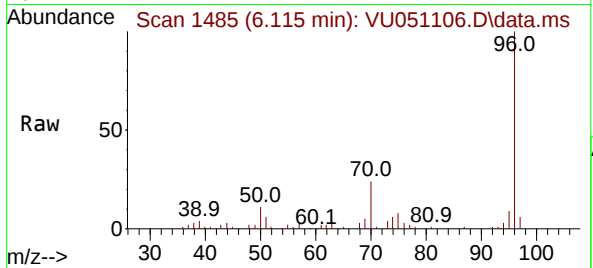
#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.115 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU051106.D
Acq: 04 Oct 2022 13:25

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion: 96 Resp: 6957
Ion Ratio Lower Upper
96 100
70 21.1 16.7 25.1
95 9.6 7.4 11.0
97 0.0 0.0 0.0

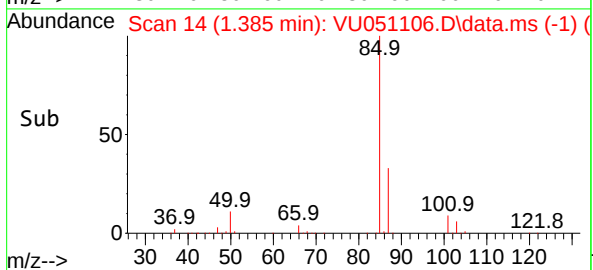
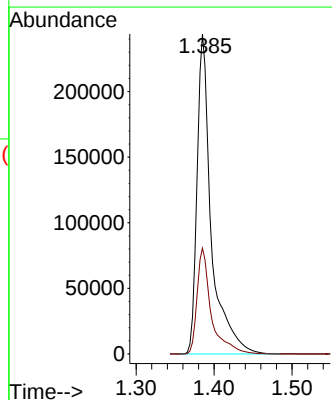
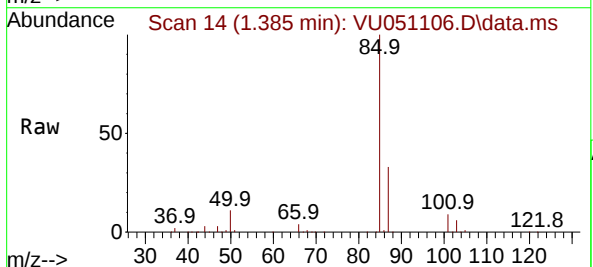
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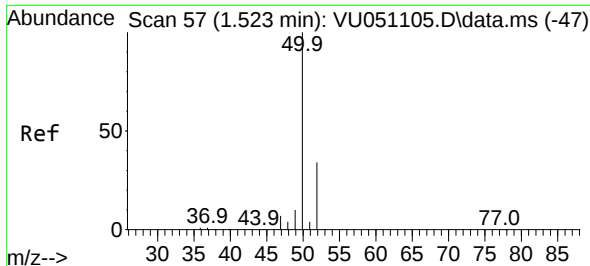
Reviewed By :Krupa Patel 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022



#2
Dichlorodifluoromethane
Concen: 11.946 ug/l
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU051106.D
Acq: 04 Oct 2022 13:25

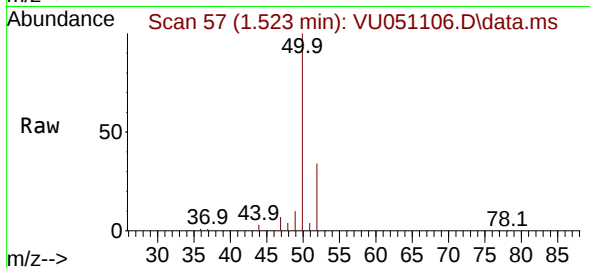
Tgt Ion: 85 Resp: 308361
Ion Ratio Lower Upper
85 100
87 33.1 16.3 48.8





#3
Chloromethane
Concen: 14.964 ug/l
RT: 1.523 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU051106.D
Acq: 04 Oct 2022 13:25

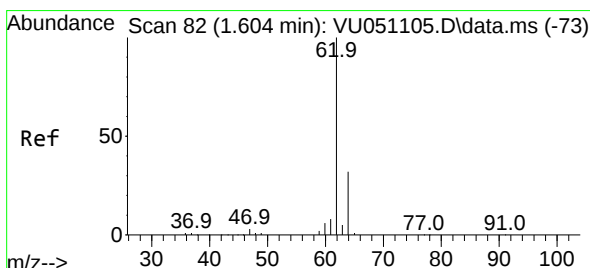
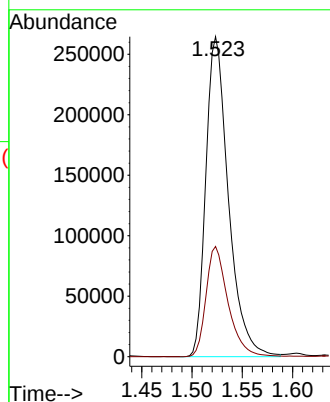
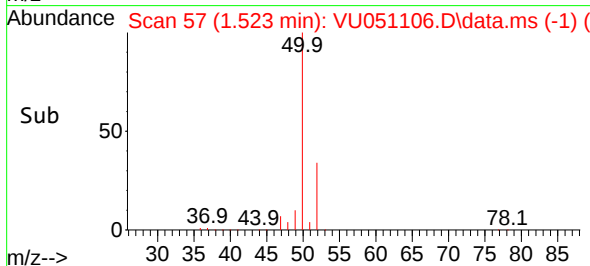
Instrument :
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Tgt Ion: 50 Resp: 413619
Ion Ratio Lower Upper
50 100
52 34.5 26.1 39.1

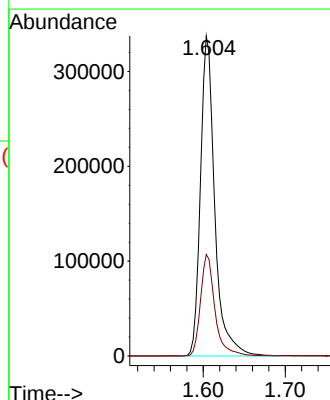
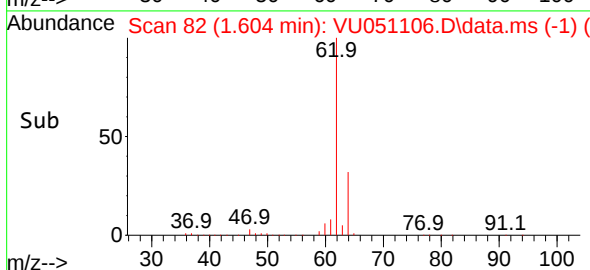
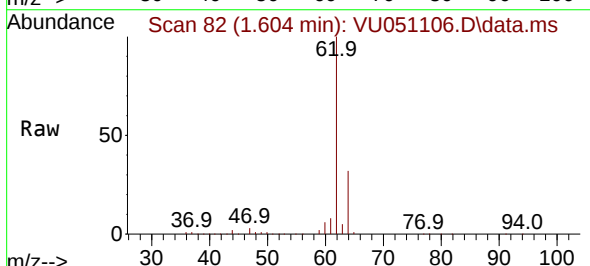
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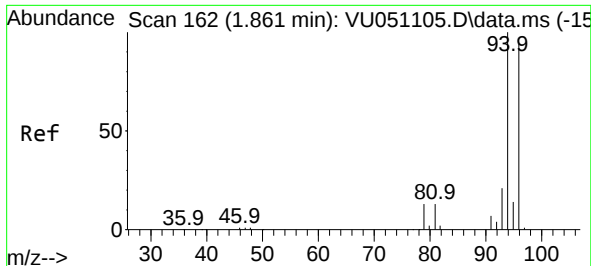
Reviewed By :Krupa Patel 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022



#4
Vinyl Chloride
Concen: 16.053 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU051106.D
Acq: 04 Oct 2022 13:25

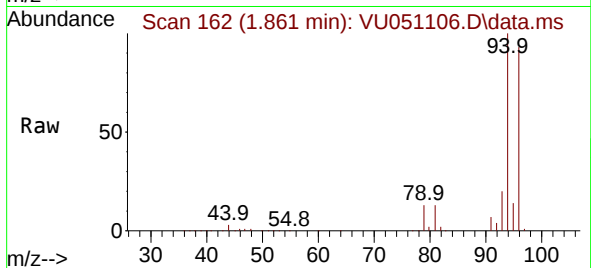
Tgt Ion: 62 Resp: 407747
Ion Ratio Lower Upper
62 100
64 31.7 25.5 38.3





#5
Bromomethane
Concen: 17.645 ug/l
RT: 1.861 min Scan# 162
Delta R.T. -0.000 min
Lab File: VU051106.D
Acq: 04 Oct 2022 13:25

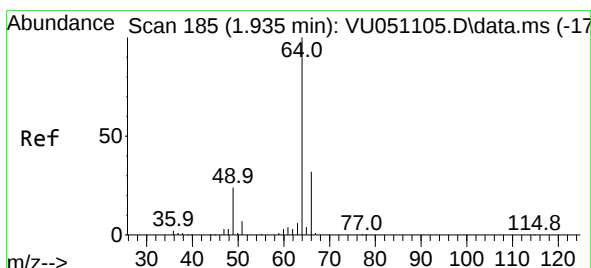
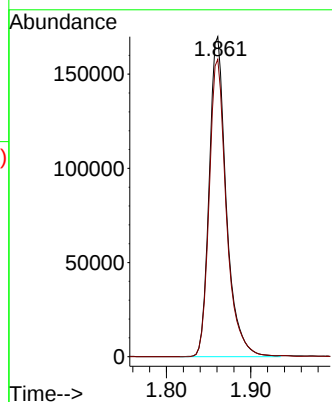
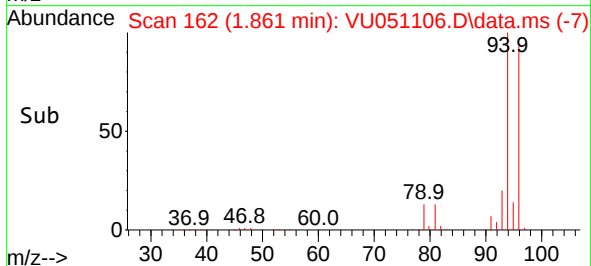
Instrument :
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ClientSampleId :
VSTDIC015



Tgt Ion: 94 Resp: 240375
Ion Ratio Lower Upper
94 100
96 93.0 73.0 109.6

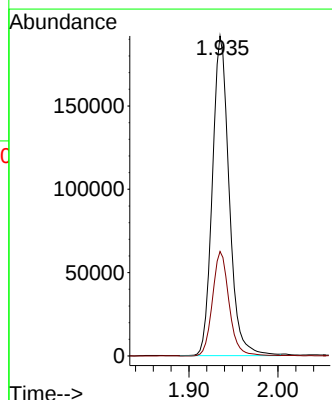
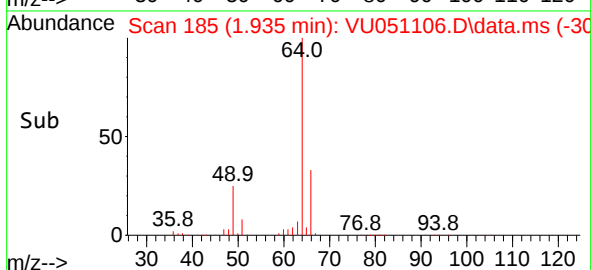
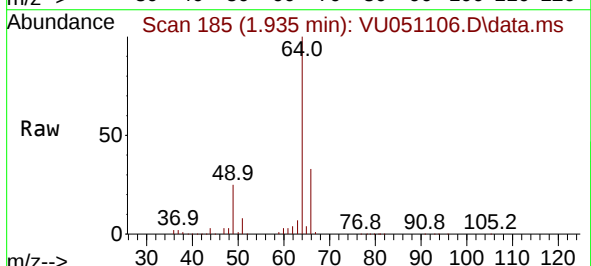
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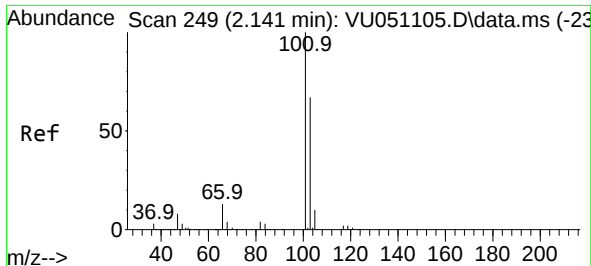
Reviewed By :Krupa Patel 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022



#6
Chloroethane
Concen: 17.347 ug/l
RT: 1.935 min Scan# 185
Delta R.T. -0.000 min
Lab File: VU051106.D
Acq: 04 Oct 2022 13:25

Tgt Ion: 64 Resp: 251102
Ion Ratio Lower Upper
64 100
66 32.7 25.8 38.6





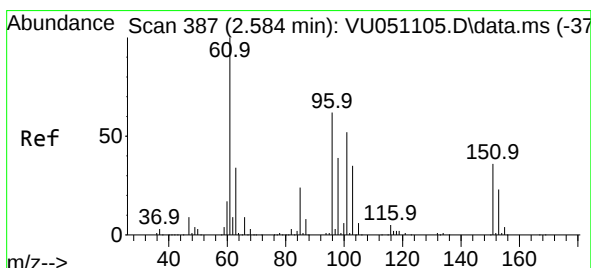
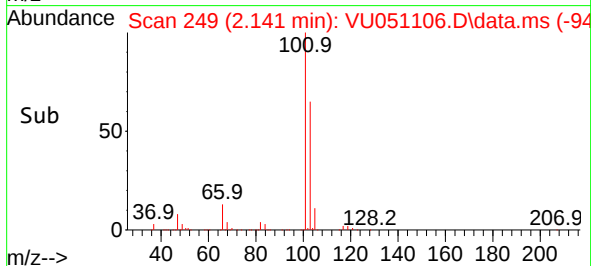
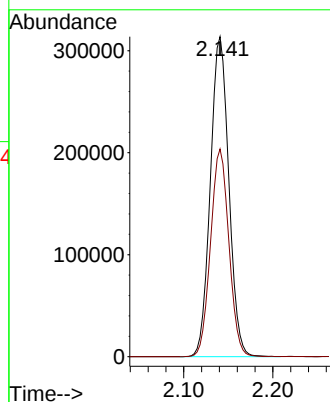
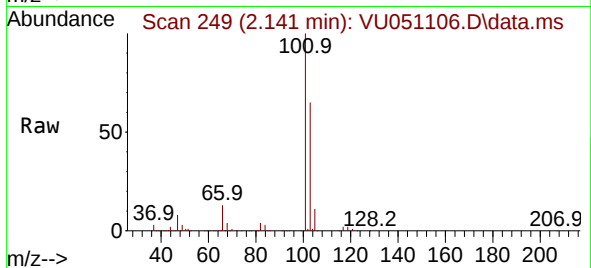
#7
Trichlorofluoromethane
Concen: 14.995 ug/l
RT: 2.141 min Scan# 249
Delta R.T. -0.000 min
Lab File: VU051106.D
Acq: 04 Oct 2022 13:25

Instrument :
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ClientSampleId :
VSTDIC015

Tgt Ion:101 Resp: 450600
Ion Ratio Lower Upper
101 100
103 64.9 51.8 77.6

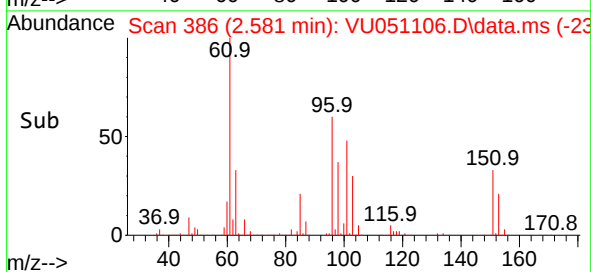
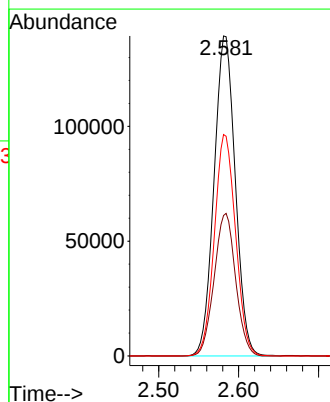
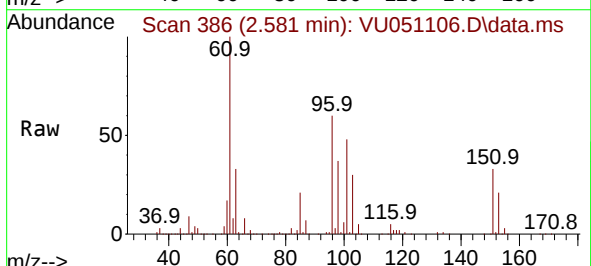
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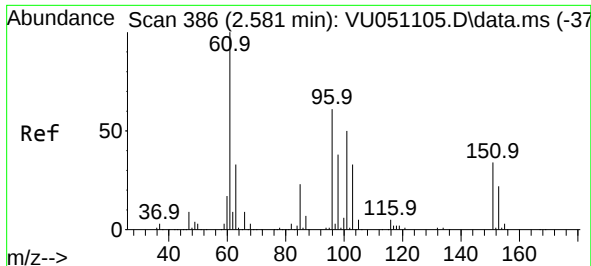
Reviewed By :Krupa Patel 10/05/2022
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#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 16.018 ug/l
RT: 2.581 min Scan# 386
Delta R.T. -0.003 min
Lab File: VU051106.D
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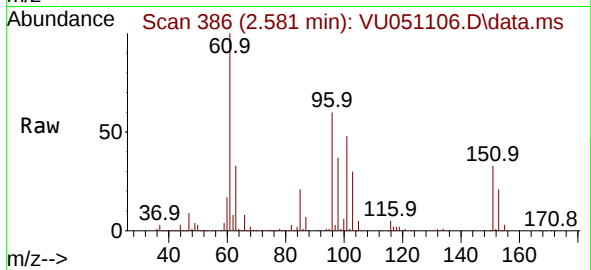
Tgt Ion:101 Resp: 257206
Ion Ratio Lower Upper
101 100
85 45.0 36.4 54.6
151 69.0 59.1 88.7





#9
1,1-Dichloroethene
Concen: 17.101 ug/l
RT: 2.581 min Scan# 386
Delta R.T. -0.000 min
Lab File: VU051106.D
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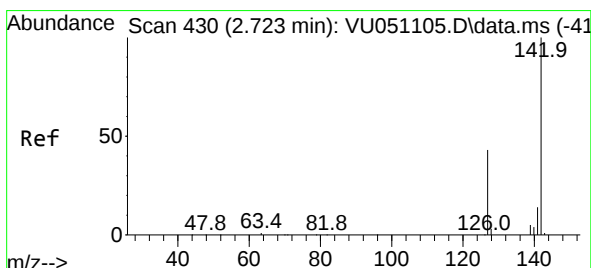
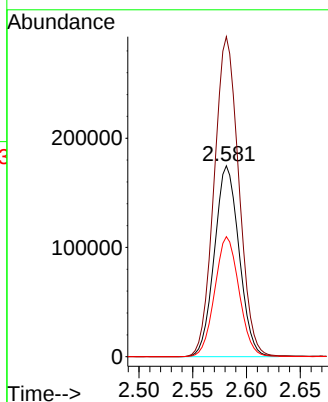
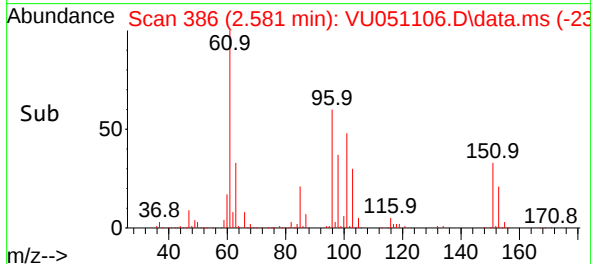
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ClientSampleId :
VSTDIC015



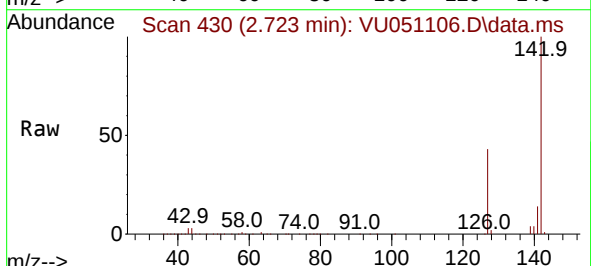
Tgt Ion: 96 Resp: 27863
Ion Ratio Lower Upper
96 100
61 167.7 0.0 510.6
98 62.9 0.0 124.6

Manual Integrations
APPROVED

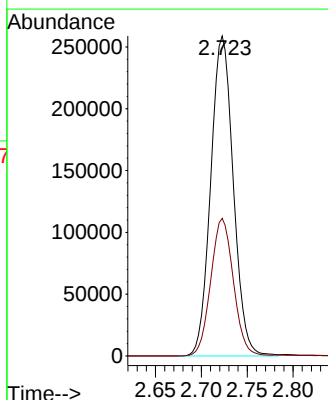
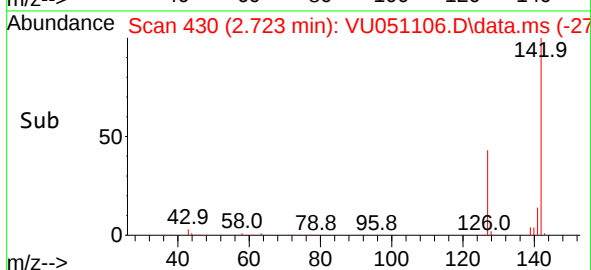
Reviewed By :Krupa Patel 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022

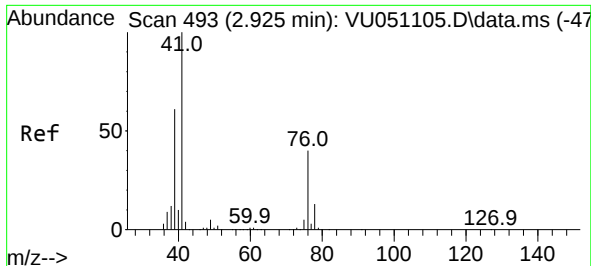


#10
Iodomethane
Concen: 20.493 ug/l
RT: 2.723 min Scan# 430
Delta R.T. -0.000 min
Lab File: VU051106.D
Acq: 04 Oct 2022 13:25



Tgt Ion:142 Resp: 442762
Ion Ratio Lower Upper
142 100
127 43.1 38.2 57.2





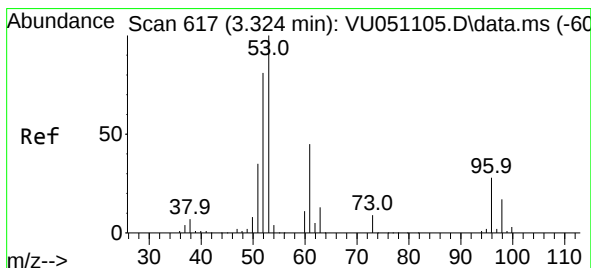
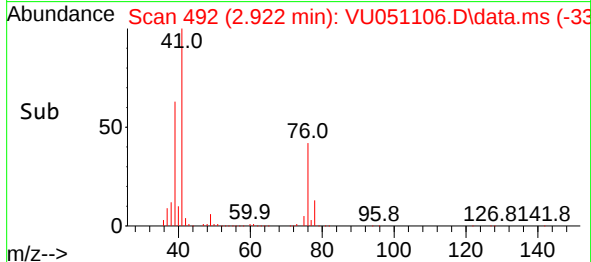
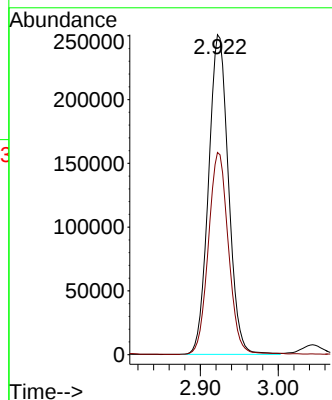
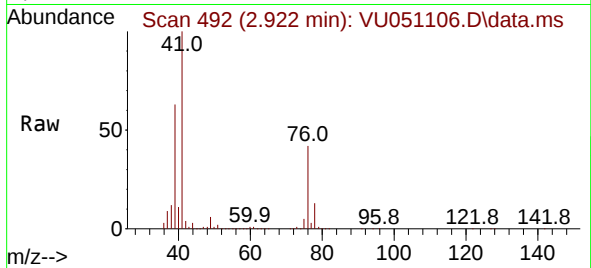
#11
 Allyl Chloride
 Concen: 16.281 ug/l
 RT: 2.922 min Scan# 493
 Delta R.T. -0.003 min
 Lab File: VU051106.D
 Acq: 04 Oct 2022 13:25

Instrument :
 MSVOA_U
 Client Sample Id :
 VSTDIC015

Tgt Ion: 41 Resp: 44560
 Ion Ratio Lower Upper
 41 100
 39 63.3 53.2 79.8

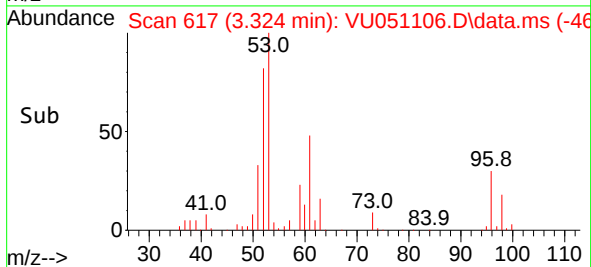
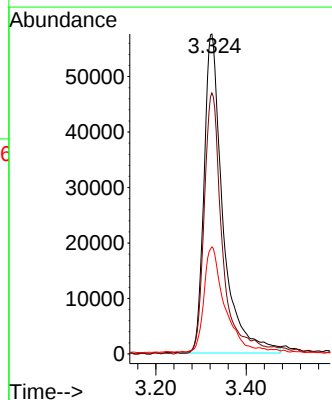
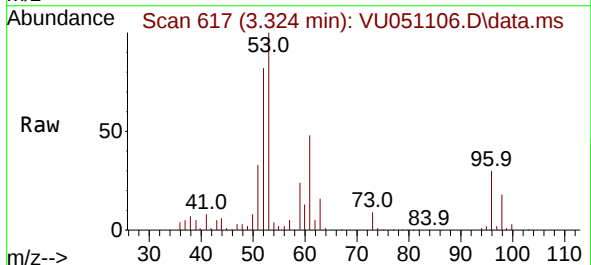
Manual Integrations
 APPROVED

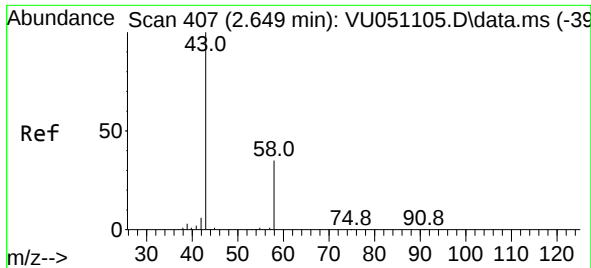
Reviewed By :Krupa Patel 10/05/2022
 Supervised By :Mahesh Dadoda 10/05/2022



#12
 Acrylonitrile
 Concen: 37.420 ug/l
 RT: 3.324 min Scan# 617
 Delta R.T. -0.000 min
 Lab File: VU051106.D
 Acq: 04 Oct 2022 13:25

Tgt Ion: 53 Resp: 167016
 Ion Ratio Lower Upper
 53 100
 52 75.4 64.6 97.0
 51 35.0 30.7 46.1





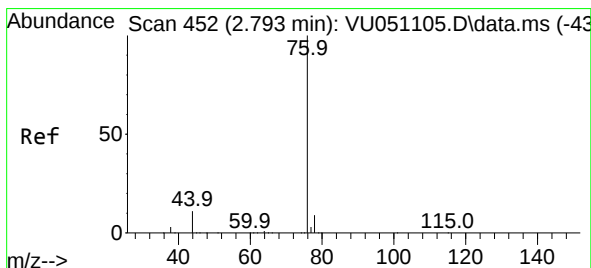
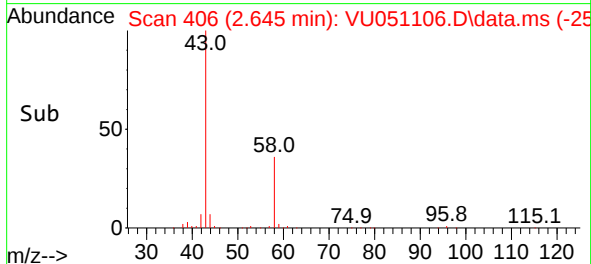
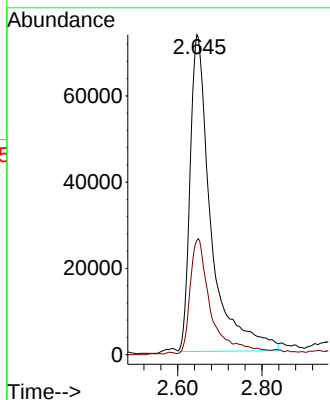
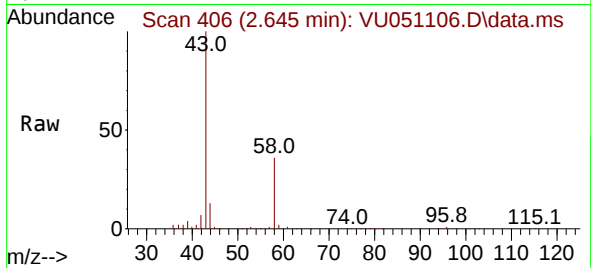
#13
Acetone
Concen: 75.006 ug/l
RT: 2.645 min Scan# 407
Delta R.T. -0.003 min
Lab File: VU051106.D
Acq: 04 Oct 2022 13:25

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion: 43 Resp: 25304
Ion Ratio Lower Upper
43 100
58 35.8 26.2 39.2

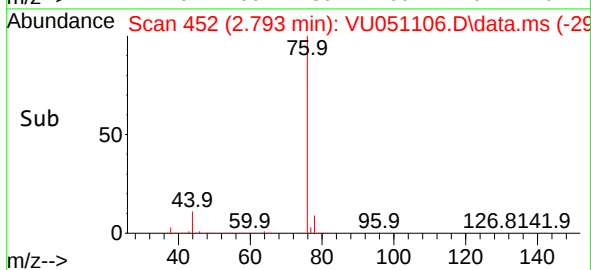
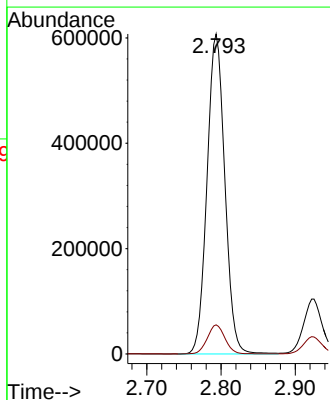
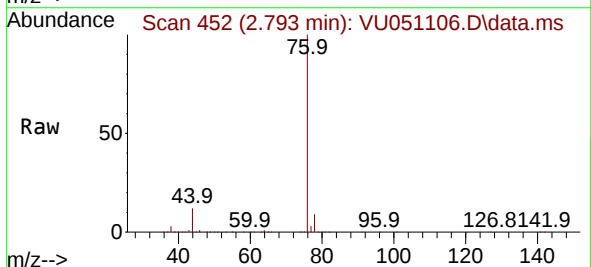
Manual Integrations
APPROVED

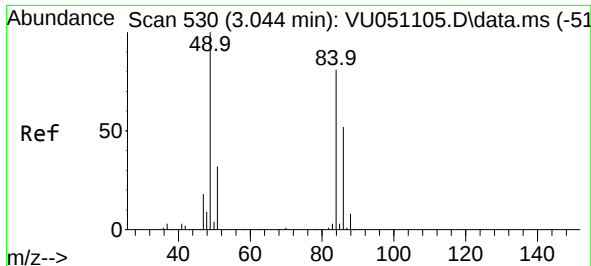
Reviewed By :Krupa Patel 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022



#14
Carbon Disulfide
Concen: 18.386 ug/l
RT: 2.793 min Scan# 452
Delta R.T. -0.000 min
Lab File: VU051106.D
Acq: 04 Oct 2022 13:25

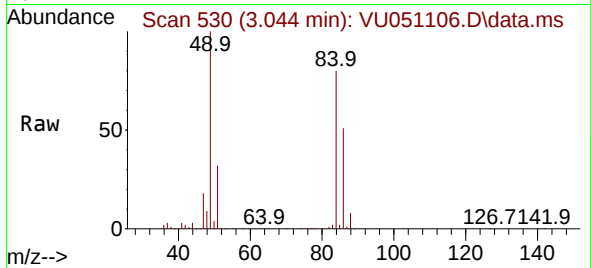
Tgt Ion: 76 Resp: 1008989
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0





#15
Methylene Chloride
Concen: 16.370 ug/l
RT: 3.044 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU051106.D
Acq: 04 Oct 2022 13:25

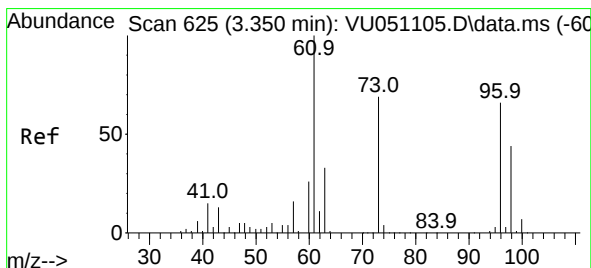
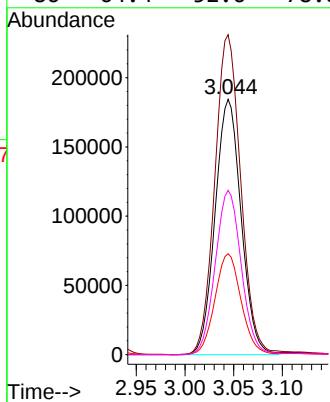
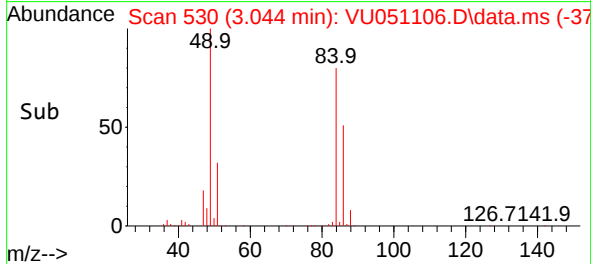
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



Tgt Ion: 84 Resp: 34261
Ion Ratio Lower Upper
84 100
49 125.3 104.6 157.0
51 39.5 0.0 81.4
86 64.4 52.6 78.8

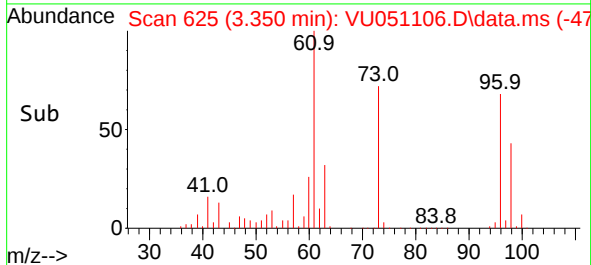
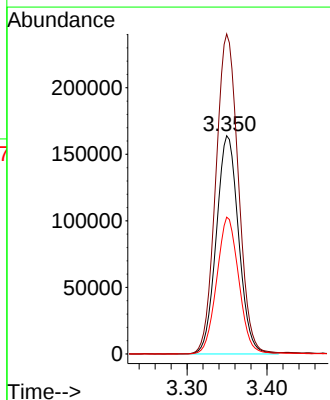
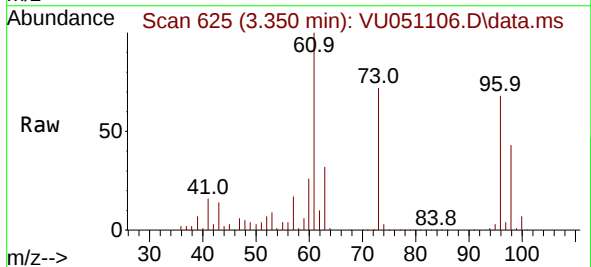
Manual Integrations
APPROVED

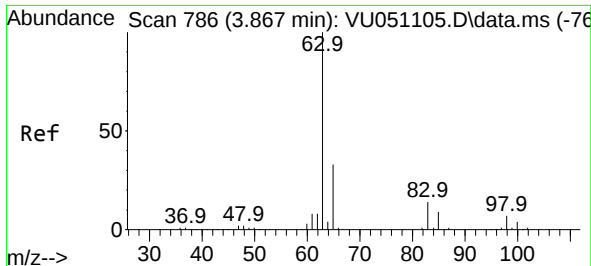
Reviewed By :Krupa Patel 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022



#16
trans-1,2-Dichloroethene
Concen: 18.380 ug/l
RT: 3.350 min Scan# 625
Delta R.T. -0.000 min
Lab File: VU051106.D
Acq: 04 Oct 2022 13:25

Tgt Ion: 96 Resp: 317280
Ion Ratio Lower Upper
96 100
61 146.5 123.4 185.0
98 62.6 51.6 77.4





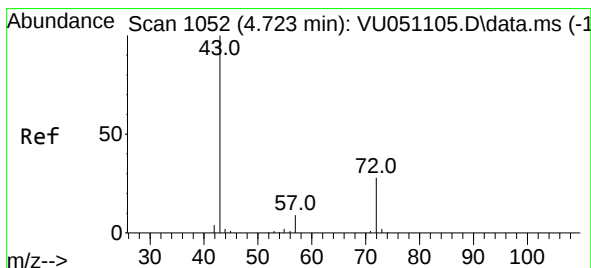
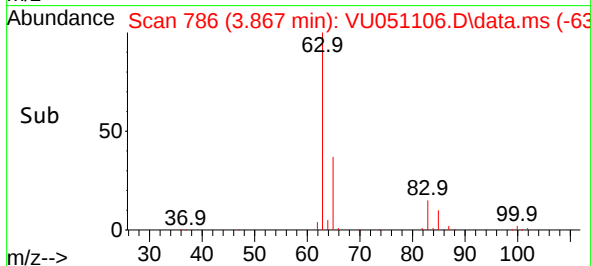
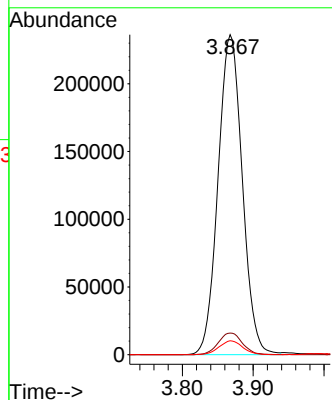
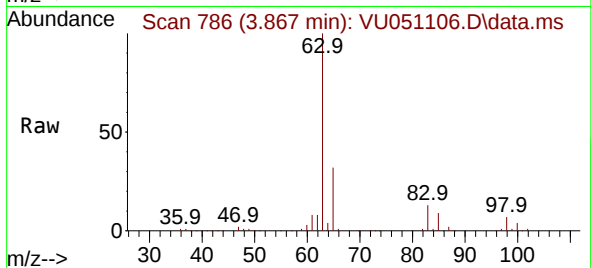
#17
1,1-Dichloroethane
Concen: 16.134 ug/l
RT: 3.867 min Scan# 786
Delta R.T. -0.000 min
Lab File: VU051106.D
Acq: 04 Oct 2022 13:25

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion: 63 Resp: 56101
Ion Ratio Lower Upper
63 100
98 6.7 3.4 10.2
100 4.3 2.0 6.0

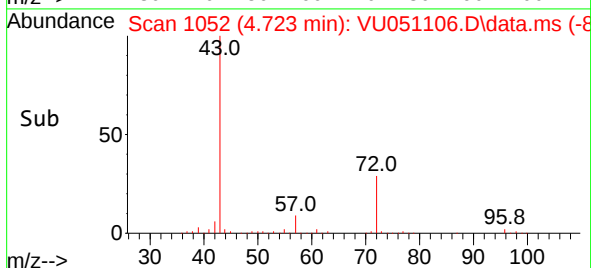
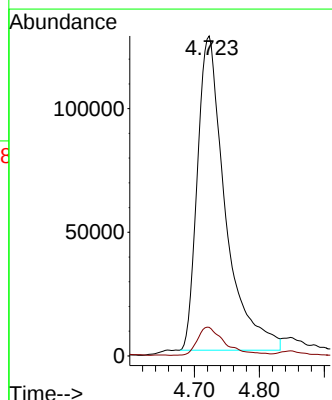
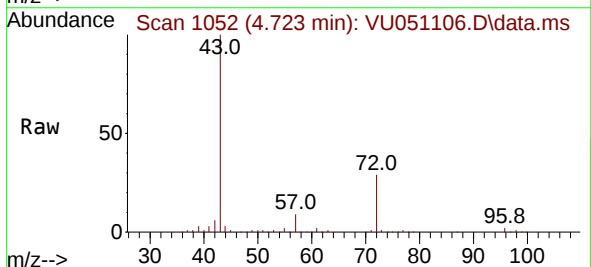
Manual Integrations
APPROVED

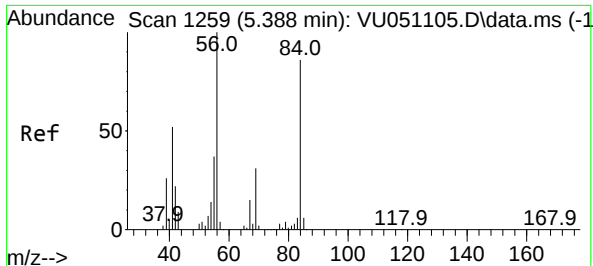
Reviewed By :Krupa Patel 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022



#18
2-Butanone
Concen: 67.343 ug/l
RT: 4.723 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VU051106.D
Acq: 04 Oct 2022 13:25

Tgt Ion: 43 Resp: 379589
Ion Ratio Lower Upper
43 100
57 8.8 0.0 18.0





#19

Cyclohexane

Concen: 13.520 ug/l m

RT: 5.385 min Scan# 1259

Delta R.T. -0.003 min

Lab File: VU051106.D

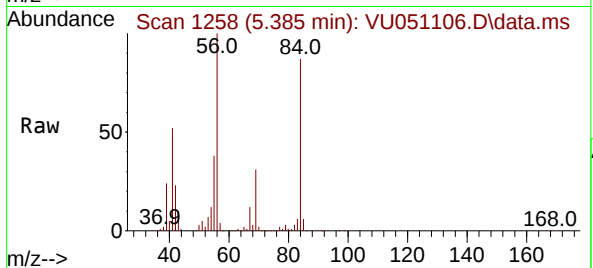
Acq: 04 Oct 2022 13:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015



Tgt Ion: 56 Resp: 434894

Ion Ratio Lower Upper

56 100

69 31.2 24.2 36.4

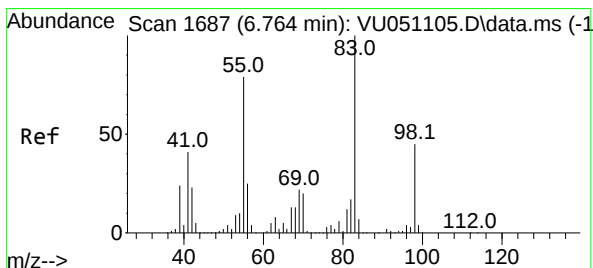
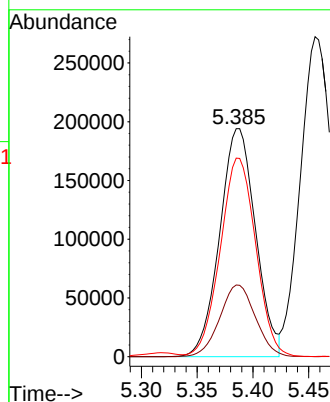
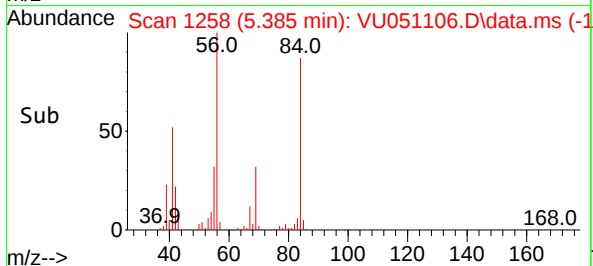
84 84.8 63.4 95.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/05/2022

Supervised By :Mahesh Dadoda 10/05/2022



#20

Methylcyclohexane

Concen: 14.286 ug/l

RT: 6.761 min Scan# 1686

Delta R.T. -0.003 min

Lab File: VU051106.D

Acq: 04 Oct 2022 13:25

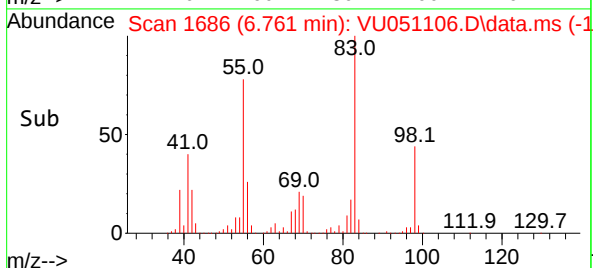
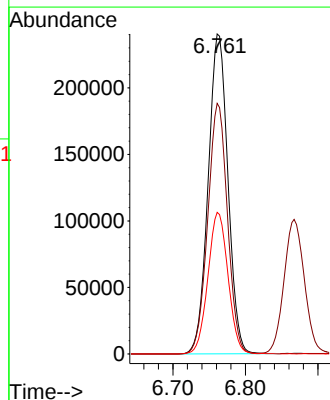
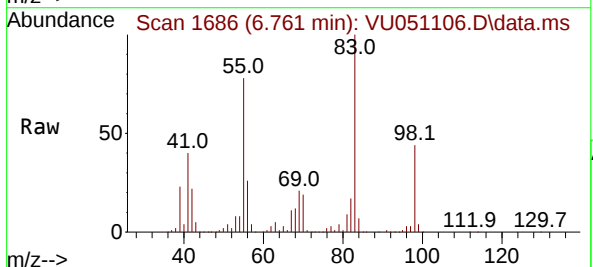
Tgt Ion: 83 Resp: 454544

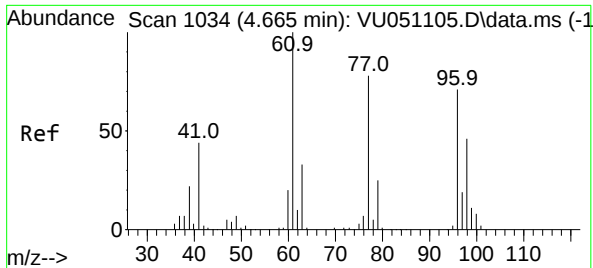
Ion Ratio Lower Upper

83 100

55 78.0 63.0 94.4

98 44.9 35.7 53.5





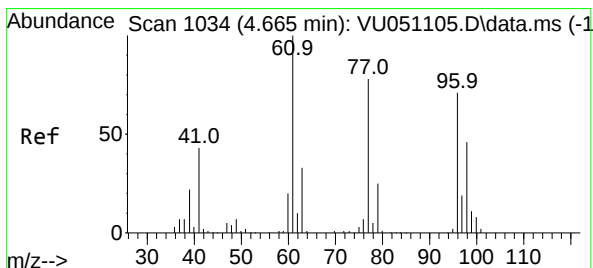
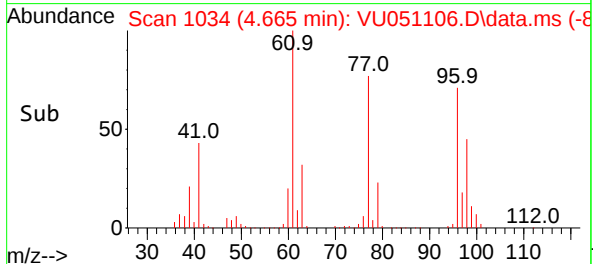
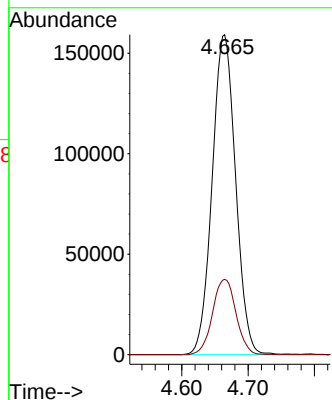
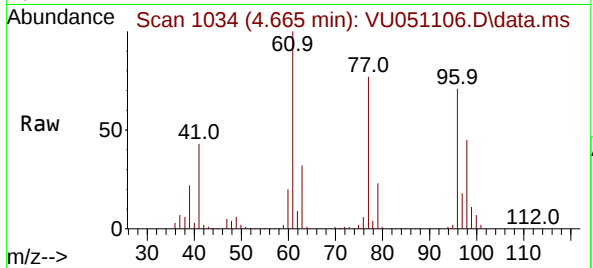
#21
2,2-Dichloropropane
Concen: 14.150 ug/l
RT: 4.665 min Scan# 1034
Delta R.T. -0.000 min
Lab File: VU051106.D
Acq: 04 Oct 2022 13:25

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion: 77 Resp: 39065
Ion Ratio Lower Upper
77 100
97 23.7 18.5 27.7

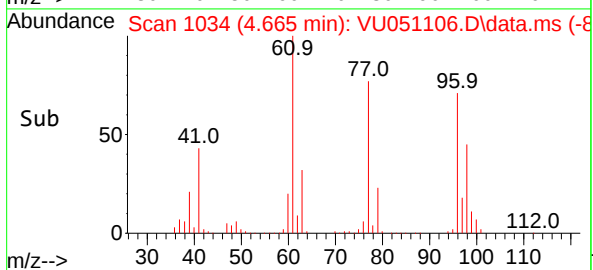
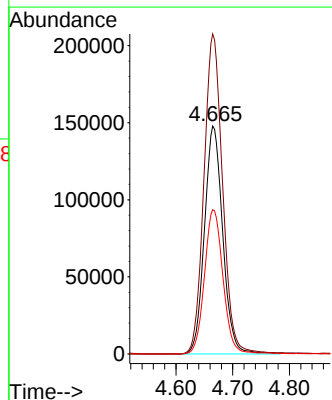
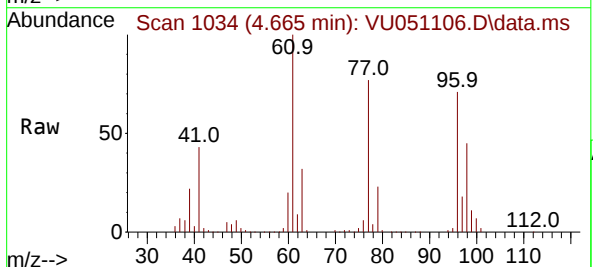
Manual Integrations
APPROVED

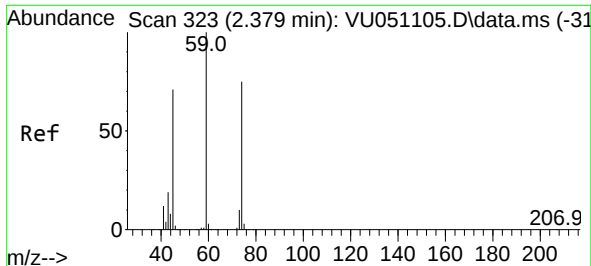
Reviewed By :Krupa Patel 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022



#22
cis-1,2-Dichloroethene
Concen: 16.121 ug/l
RT: 4.665 min Scan# 1034
Delta R.T. -0.000 min
Lab File: VU051106.D
Acq: 04 Oct 2022 13:25

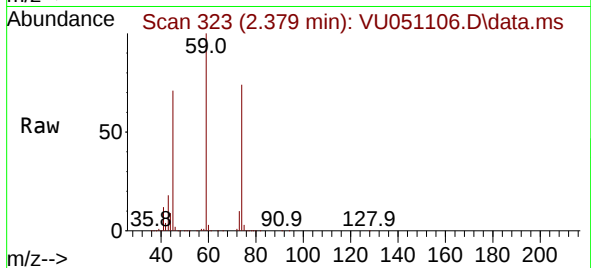
Tgt Ion: 96 Resp: 332143
Ion Ratio Lower Upper
96 100
61 142.8 0.0 375.8
98 63.8 31.6 95.0





#23
Diethyl Ether
Concen: 17.663 ug/l
RT: 2.379 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU051106.D
Acq: 04 Oct 2022 13:25

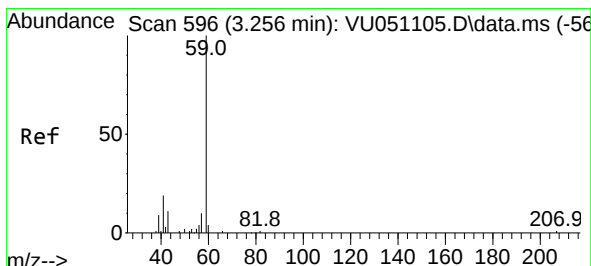
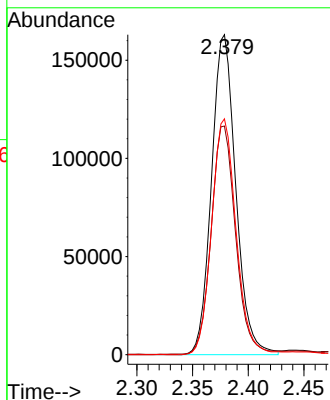
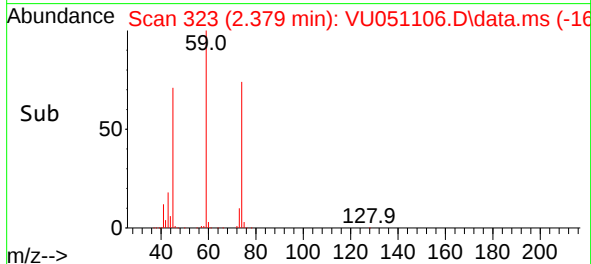
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



Tgt Ion: 59 Resp: 24750
Ion Ratio Lower Upper
59 100
45 71.9 56.0 84.0
74 74.4 57.6 86.4

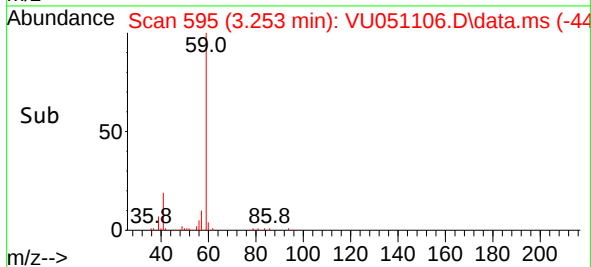
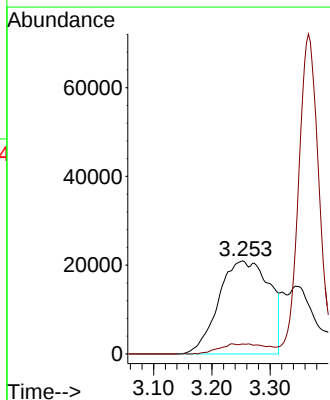
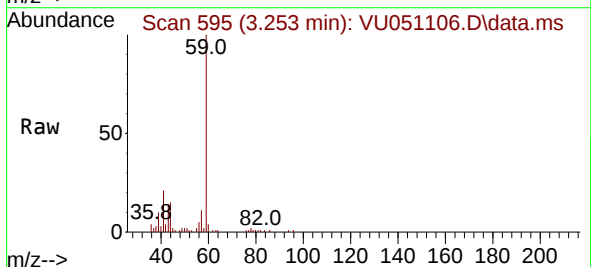
Manual Integrations
APPROVED

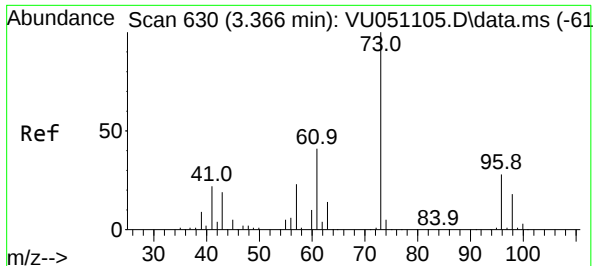
Reviewed By :Krupa Patel 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022



#24
tert-Butyl Alcohol
Concen: 89.423 ug/l m
RT: 3.253 min Scan# 595
Delta R.T. -0.003 min
Lab File: VU051106.D
Acq: 04 Oct 2022 13:25

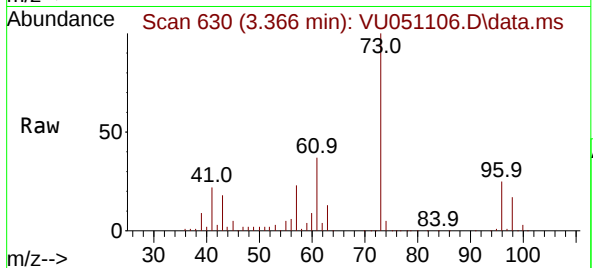
Tgt Ion: 59 Resp: 127021
Ion Ratio Lower Upper
59 100
57 4.3 8.2 12.2#





#25
Methyl tert-Butyl Ether
Concen: 16.631 ug/l
RT: 3.366 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU051106.D
Acq: 04 Oct 2022 13:25

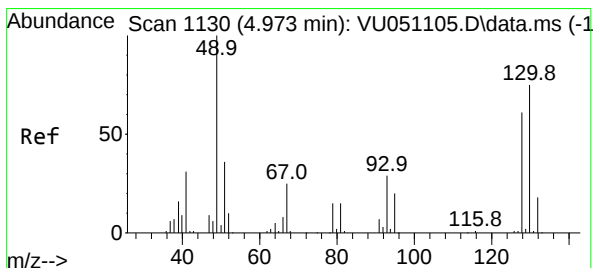
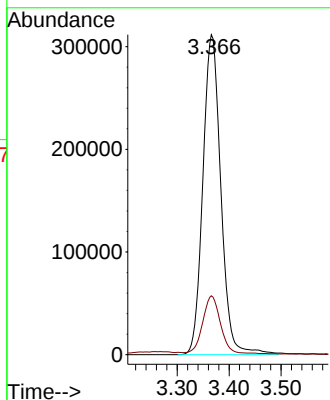
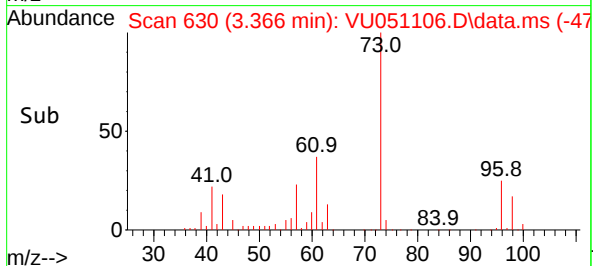
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



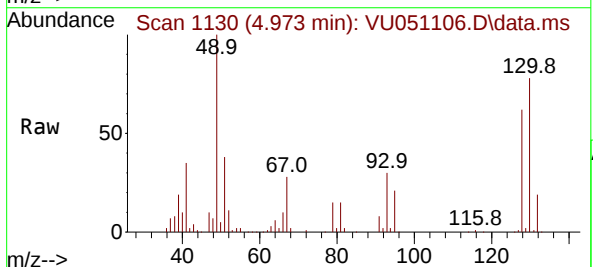
Tgt Ion: 73 Resp: 75084
Ion Ratio Lower Upper
73 100
43 17.1 15.9 23.9

Manual Integrations
APPROVED

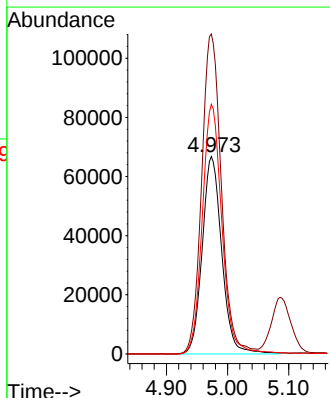
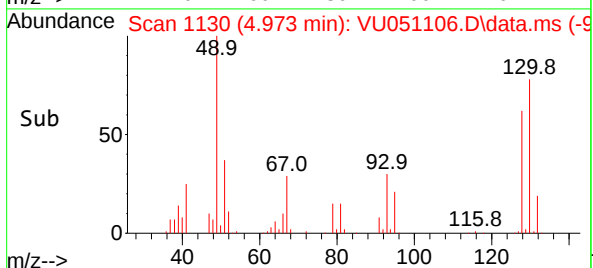
Reviewed By :Krupa Patel 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022

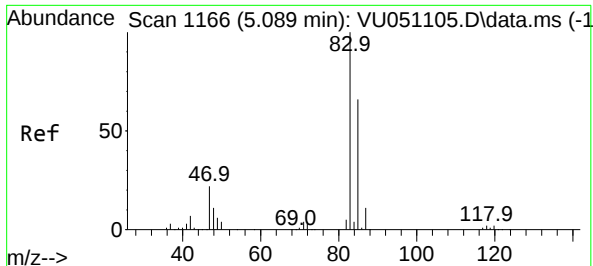


#26
Bromochloromethane
Concen: 16.741 ug/l
RT: 4.973 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VU051106.D
Acq: 04 Oct 2022 13:25



Tgt Ion:128 Resp: 147928
Ion Ratio Lower Upper
128 100
49 164.0 0.0 349.2
130 127.9 103.0 154.6





#27

Chloroform

Concen: 16.490 ug/l

RT: 5.089 min Scan# 1166

Delta R.T. -0.000 min

Lab File: VU051106.D

Acq: 04 Oct 2022 13:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion: 83 Resp: 56861

Ion Ratio Lower Upper

83 100

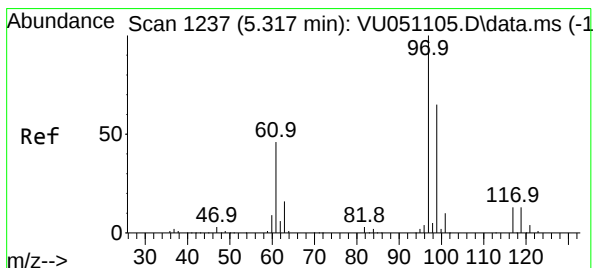
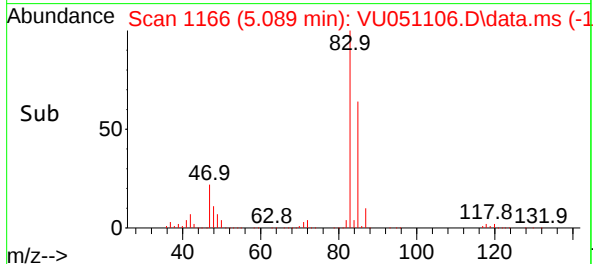
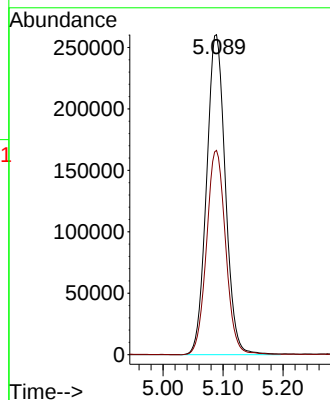
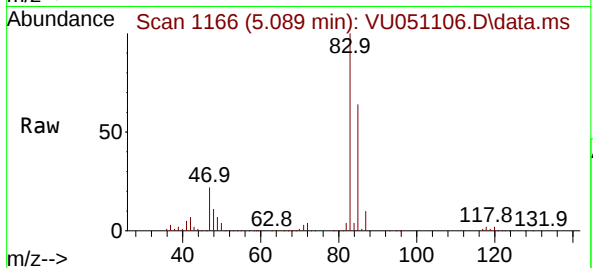
85 63.9 0.0 133.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/05/2022

Supervised By :Mahesh Dadoda 10/05/2022



#28

1,1,1-Trichloroethane

Concen: 15.248 ug/l

RT: 5.314 min Scan# 1236

Delta R.T. -0.003 min

Lab File: VU051106.D

Acq: 04 Oct 2022 13:25

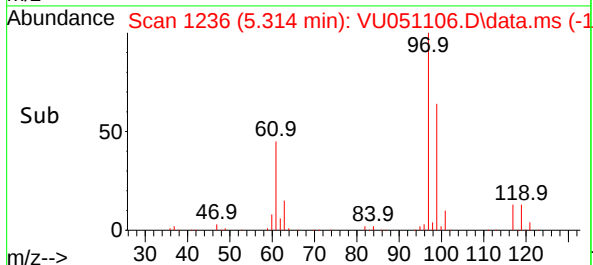
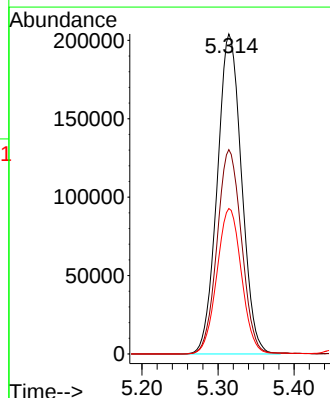
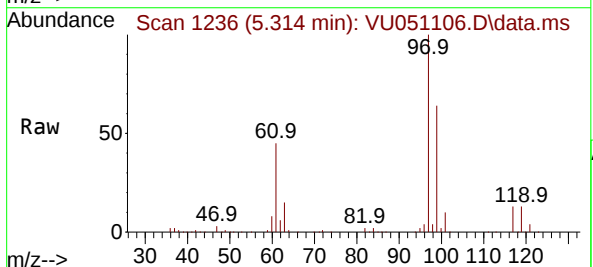
Tgt Ion: 97 Resp: 454048

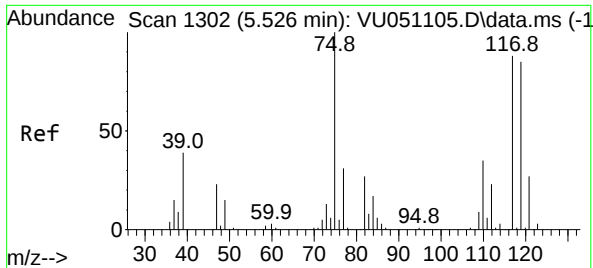
Ion Ratio Lower Upper

97 100

99 64.3 32.1 96.5

61 46.0 21.8 65.4





#29

1,1-Dichloropropene

Concen: 15.112 ug/l

RT: 5.523 min Scan# 1301

Delta R.T. -0.003 min

Lab File: VU051106.D

Acq: 04 Oct 2022 13:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion: 75 Resp: 40170

Ion Ratio Lower Upper

75 100

110 35.4 17.3 52.0

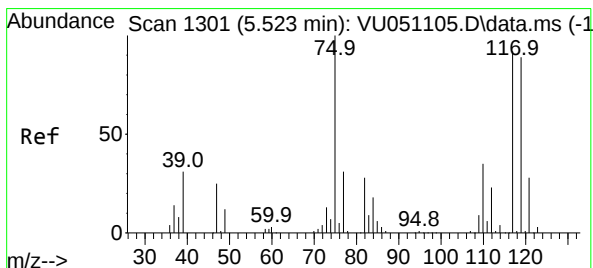
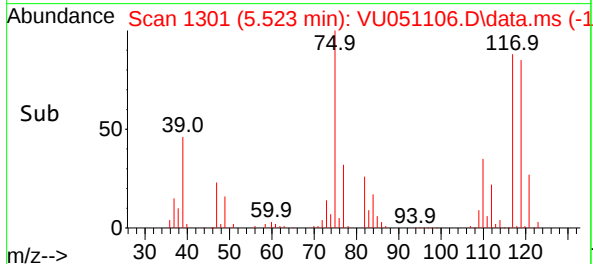
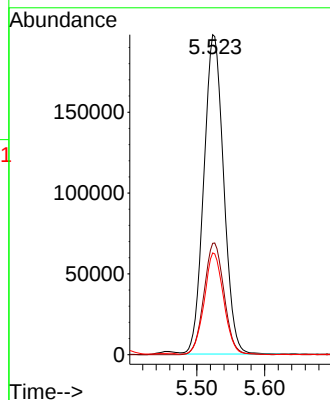
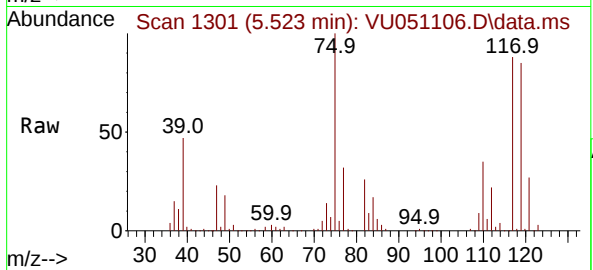
77 31.1 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/05/2022

Supervised By :Mahesh Dadoda 10/05/2022



#30

Carbon Tetrachloride

Concen: 15.062 ug/l

RT: 5.523 min Scan# 1301

Delta R.T. -0.000 min

Lab File: VU051106.D

Acq: 04 Oct 2022 13:25

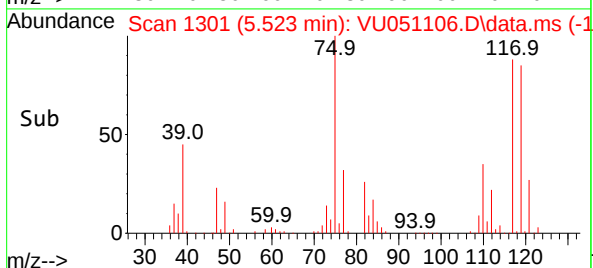
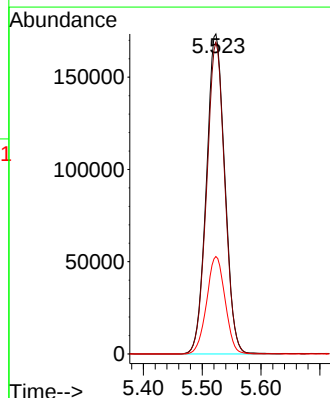
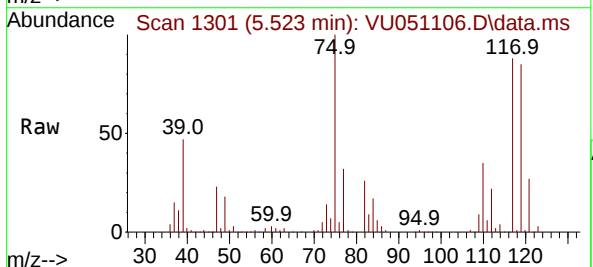
Tgt Ion:117 Resp: 376629

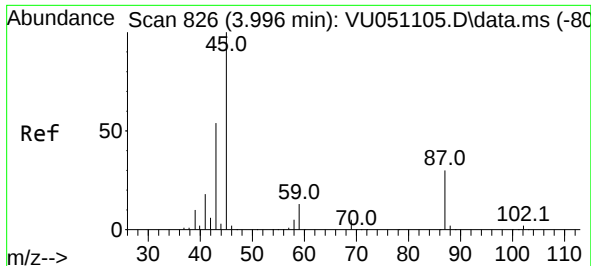
Ion Ratio Lower Upper

117 100

119 97.3 74.6 112.0

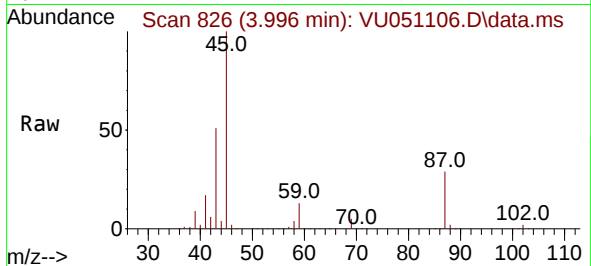
121 30.4 24.2 36.4





#31
Isopropyl Ether
Concen: 14.259 ug/l
RT: 3.996 min Scan# 81
Delta R.T. -0.000 min
Lab File: VU051106.D
Acq: 04 Oct 2022 13:25

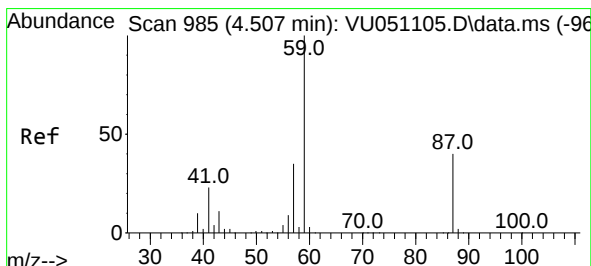
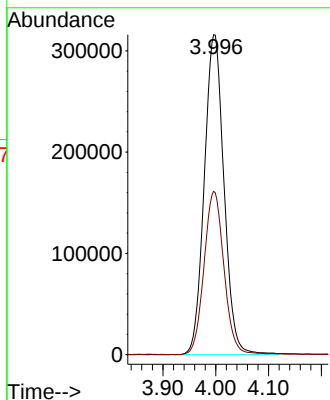
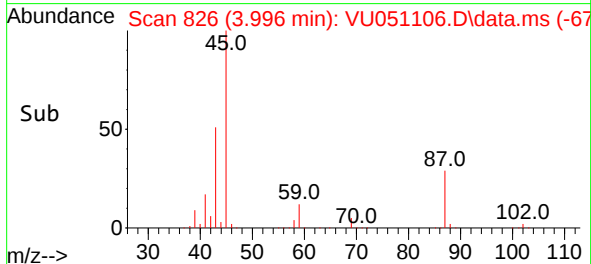
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



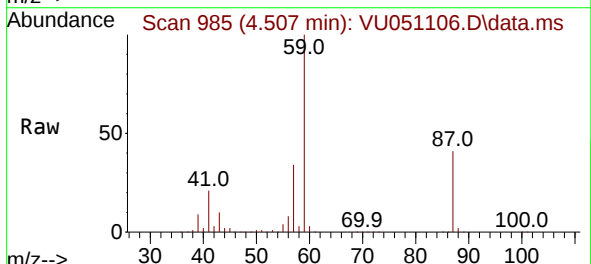
Tgt Ion: 45 Resp: 819974
Ion Ratio Lower Upper
45 100
43 51.4 23.8 71.2

Manual Integrations
APPROVED

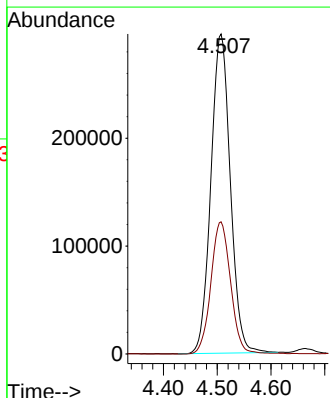
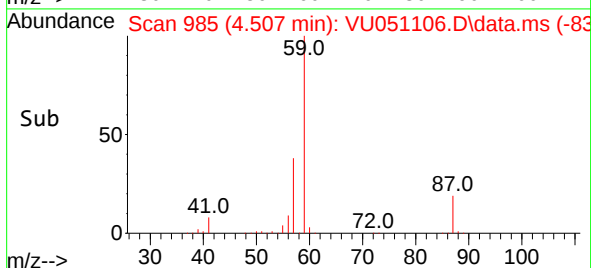
Reviewed By :Krupa Patel 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022

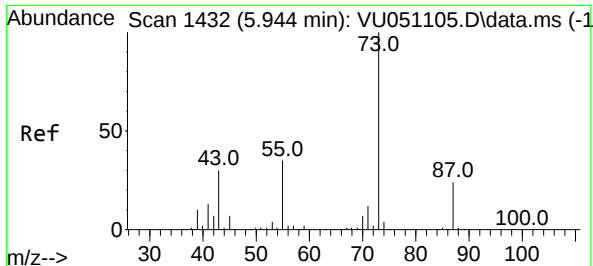


#32
Ethyl-t-butyl ether
Concen: 13.728 ug/l
RT: 4.507 min Scan# 985
Delta R.T. -0.000 min
Lab File: VU051106.D
Acq: 04 Oct 2022 13:25



Tgt Ion: 59 Resp: 741766
Ion Ratio Lower Upper
59 100
87 41.6 32.5 48.7





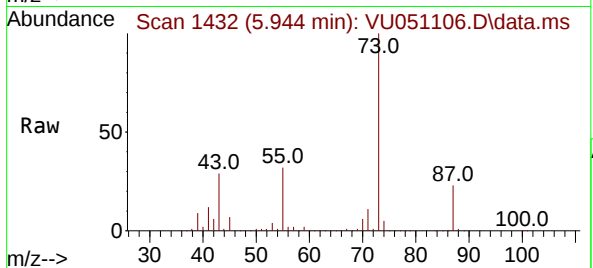
#33
Tert-Amyl methyl ether
Concen: 14.429 ug/l
RT: 5.944 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VU051106.D
Acq: 04 Oct 2022 13:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015



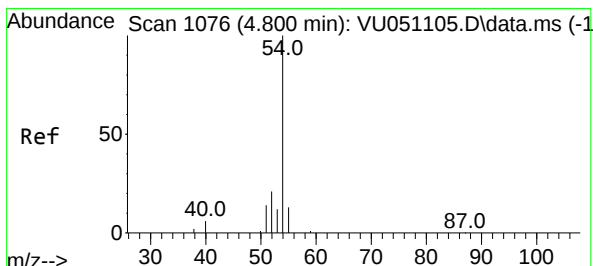
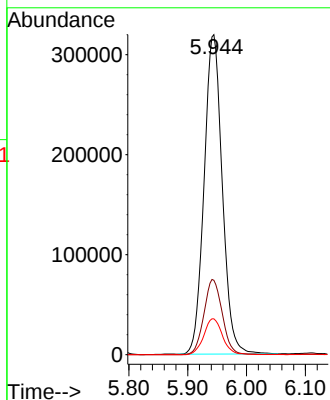
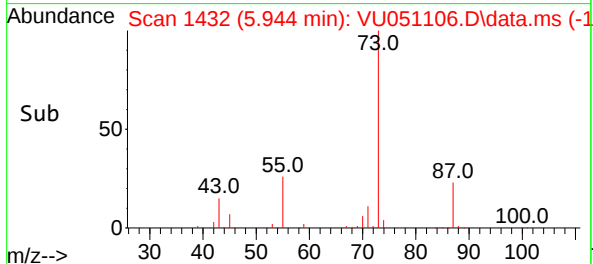
Tgt Ion: 73 Resp: 68589
Ion Ratio Lower Upper
73 100
87 23.3 19.7 29.5
71 11.5 9.0 13.4

Manual Integrations

APPROVED

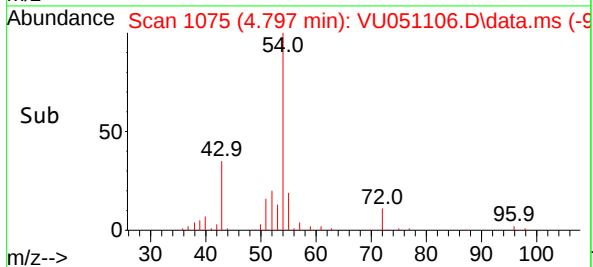
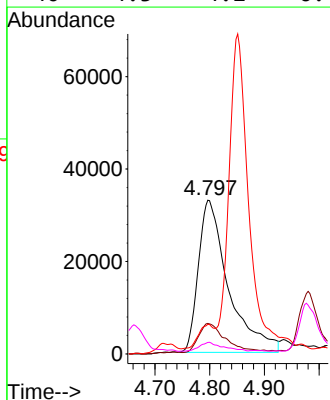
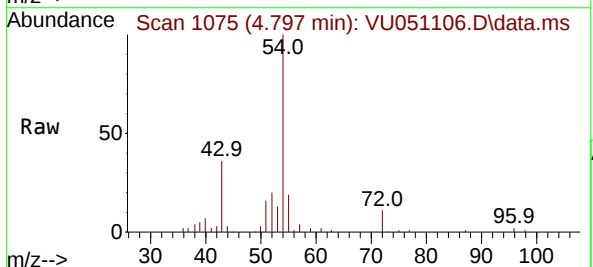
Reviewed By :Krupa Patel 10/05/2022

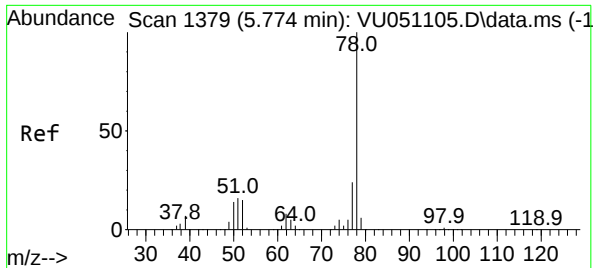
Supervised By :Mahesh Dadoda 10/05/2022



#34
Propionitrile
Concen: 77.311 ug/l
RT: 4.797 min Scan# 1075
Delta R.T. -0.003 min
Lab File: VU051106.D
Acq: 04 Oct 2022 13:25

Tgt Ion: 54 Resp: 125597
Ion Ratio Lower Upper
54 100
52 17.0 15.0 22.6
55 7.6 12.6 19.0#
40 4.3 4.2 6.4





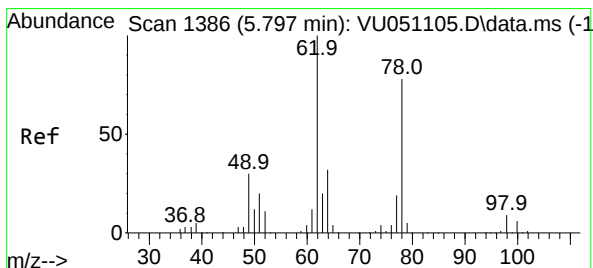
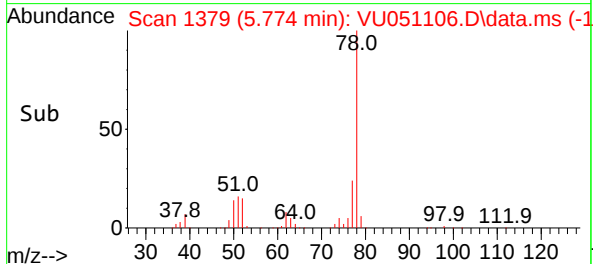
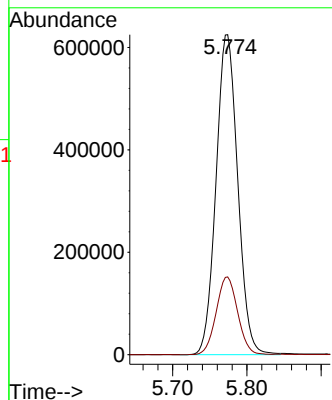
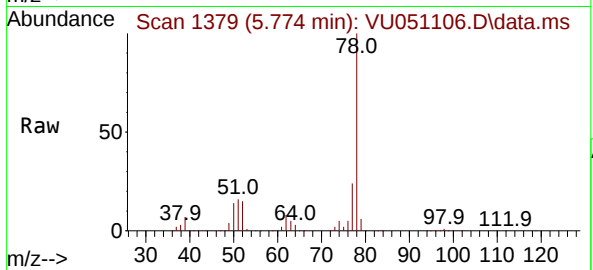
#35
Benzene
Concen: 16.509 ug/l
RT: 5.774 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VU051106.D
Acq: 04 Oct 2022 13:25

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion: 78 Resp: 126901
Ion Ratio Lower Upper
78 100
77 24.3 18.6 28.0

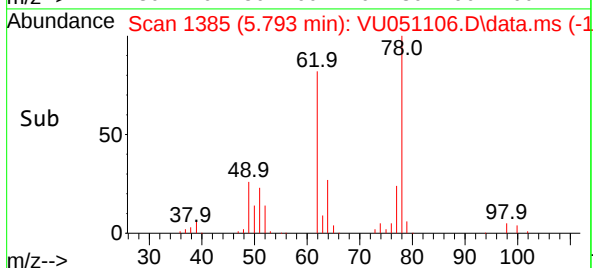
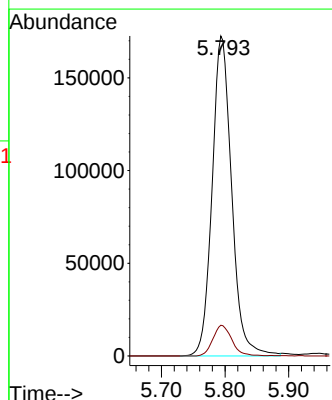
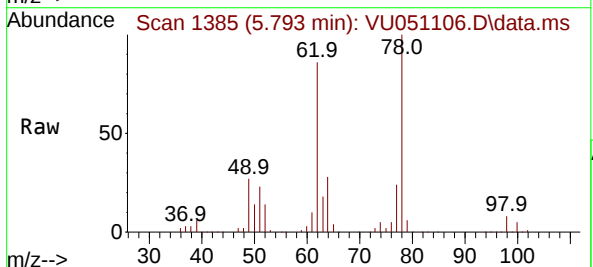
Manual Integrations
APPROVED

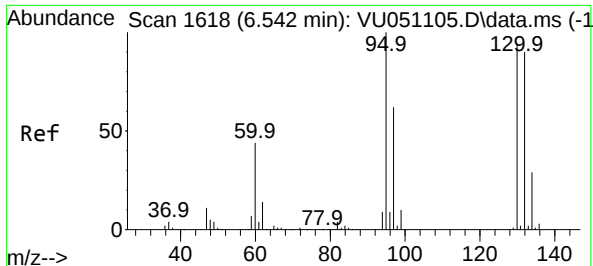
Reviewed By :Krupa Patel 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022



#36
1,2-Dichloroethane
Concen: 16.602 ug/l
RT: 5.793 min Scan# 1385
Delta R.T. -0.003 min
Lab File: VU051106.D
Acq: 04 Oct 2022 13:25

Tgt Ion: 62 Resp: 368102
Ion Ratio Lower Upper
62 100
98 9.3 7.4 11.0





#37

Trichloroethene

Concen: 15.795 ug/l

RT: 6.542 min Scan# 1618

Delta R.T. -0.000 min

Lab File: VU051106.D

Acq: 04 Oct 2022 13:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion:130 Resp: 30438

Ion Ratio Lower Upper

130 100

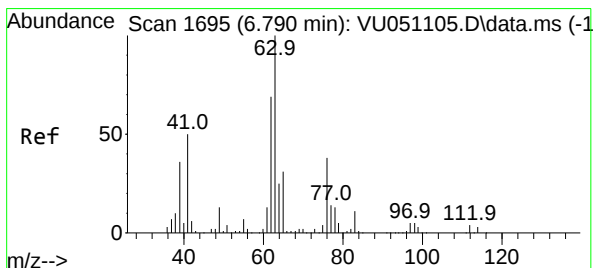
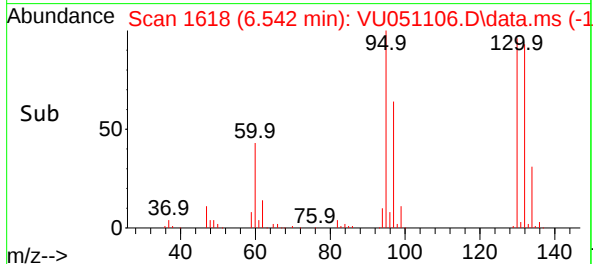
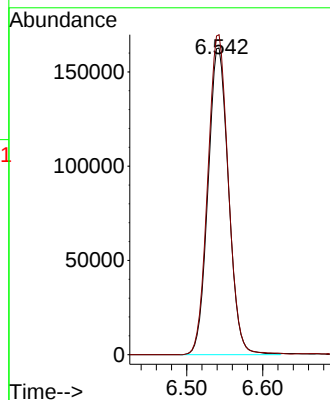
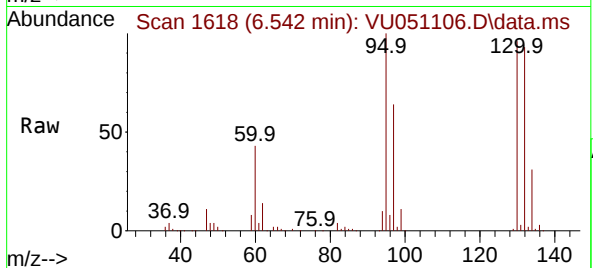
95 104.3 83.8 125.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/05/2022

Supervised By :Mahesh Dadoda 10/05/2022



#38

1,2-Dichloropropane

Concen: 16.772 ug/l

RT: 6.790 min Scan# 1695

Delta R.T. -0.000 min

Lab File: VU051106.D

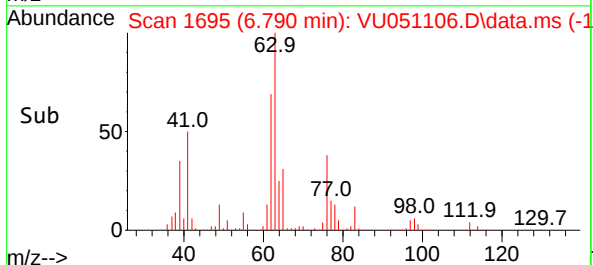
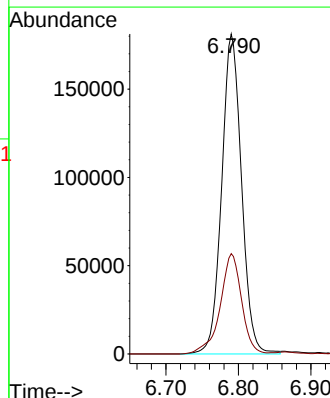
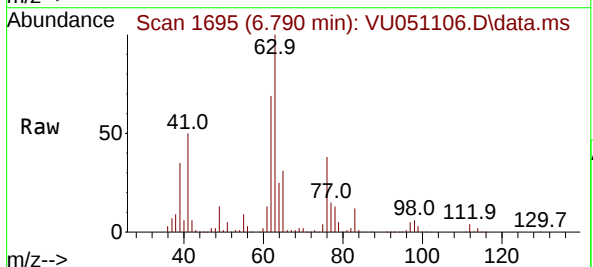
Acq: 04 Oct 2022 13:25

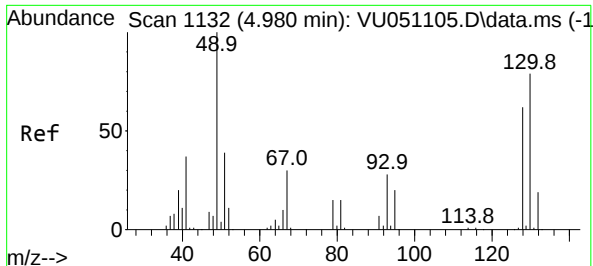
Tgt Ion: 63 Resp: 344315

Ion Ratio Lower Upper

63 100

65 31.3 25.0 37.4





#39

Methacrylonitrile

Concen: 13.992 ug/l

RT: 4.980 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VU051106.D

Acq: 04 Oct 2022 13:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

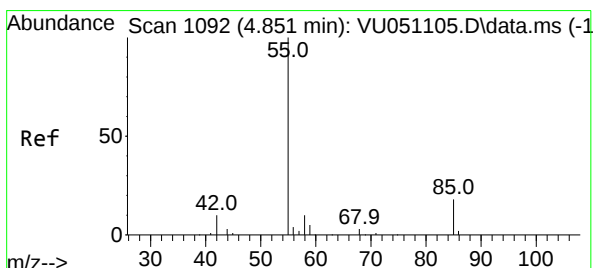
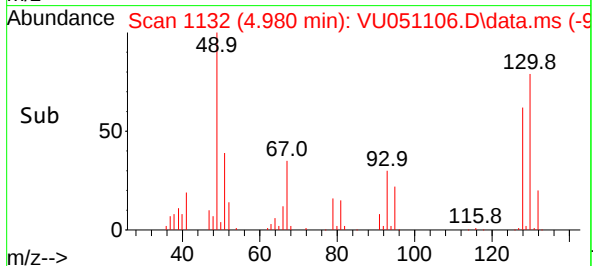
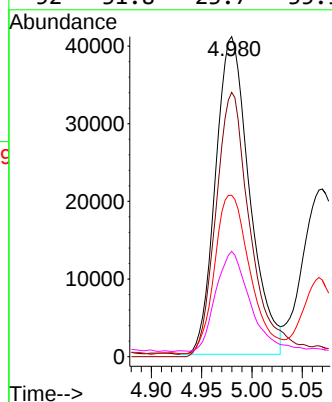
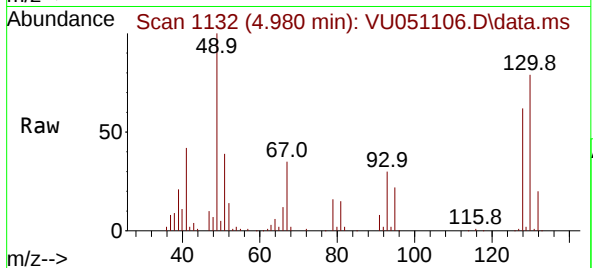
Tgt Ion: 41	Resp: 9621
Ion Ratio	Lower Upper
41 100	
67 85.9	59.4 89.0
39 52.1	42.2 63.2
52 31.8	23.7 35.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/05/2022

Supervised By :Mahesh Dadoda 10/05/2022



#40

Methyl acrylate

Concen: 15.284 ug/l

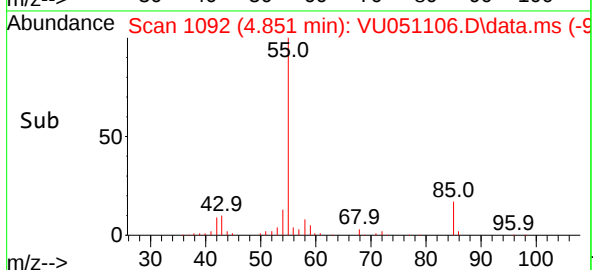
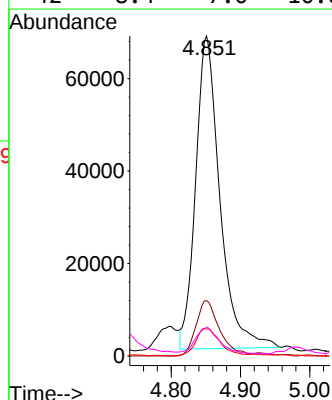
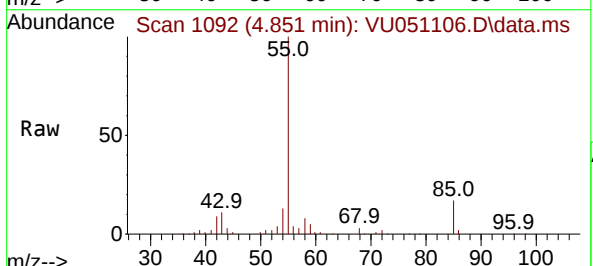
RT: 4.851 min Scan# 1092

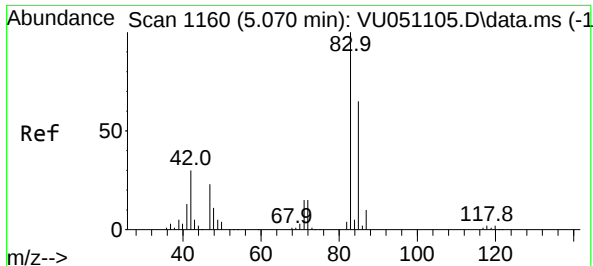
Delta R.T. -0.000 min

Lab File: VU051106.D

Acq: 04 Oct 2022 13:25

Tgt Ion: 55	Resp: 164863
Ion Ratio	Lower Upper
55 100	
85 17.1	13.5 20.3
58 8.8	7.0 10.4
42 8.4	7.0 10.6





#41

Tetrahydrofuran

Concen: 24.274 ug/l

RT: 5.067 min Scan# 1160

Delta R.T. -0.003 min

Lab File: VU051106.D

Acq: 04 Oct 2022 13:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

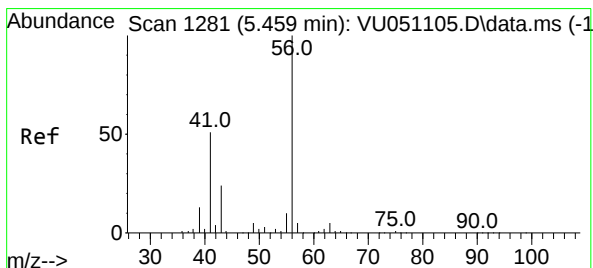
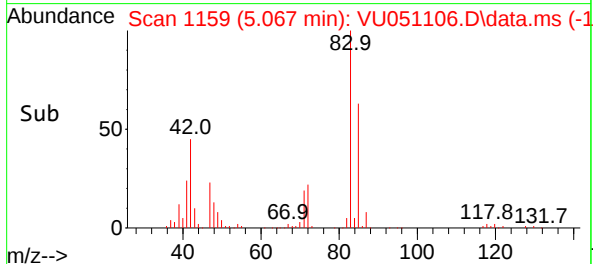
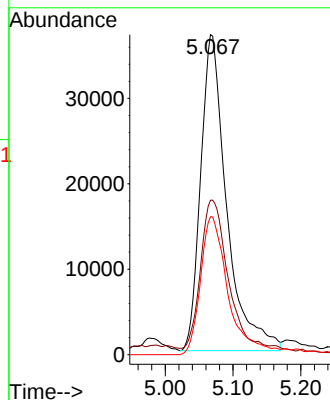
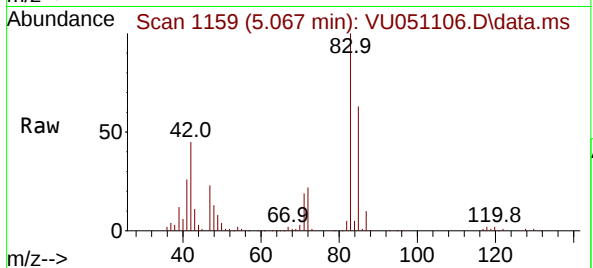
Tgt Ion: 42 Resp: 9872
 Ion Ratio Lower Upper
 42 100
 72 48.2 38.9 58.3
 71 46.4 33.7 50.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/05/2022

Supervised By :Mahesh Dadoda 10/05/2022



#42

1-Chlorobutane

Concen: 15.073 ug/l

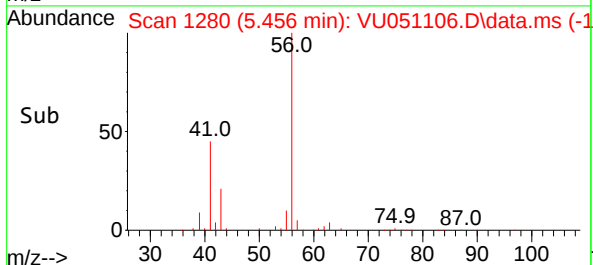
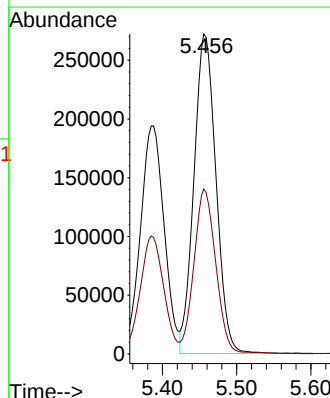
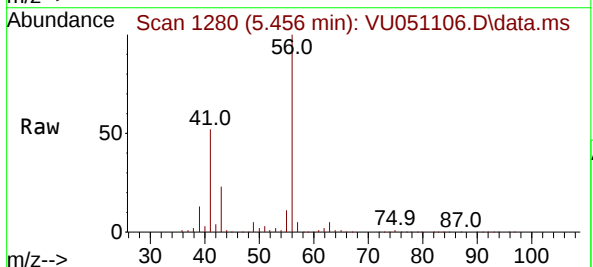
RT: 5.456 min Scan# 1280

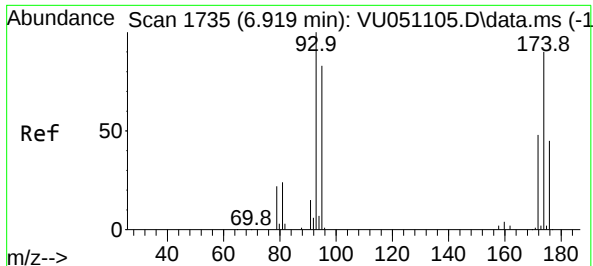
Delta R.T. -0.003 min

Lab File: VU051106.D

Acq: 04 Oct 2022 13:25

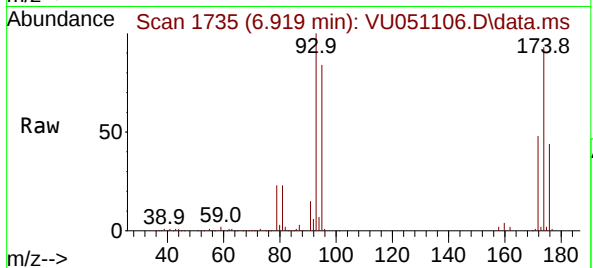
Tgt Ion: 56 Resp: 560583
 Ion Ratio Lower Upper
 56 100
 41 50.0 26.4 79.2





#43
Dibromomethane
Concen: 16.847 ug/l
RT: 6.919 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VU051106.D
Acq: 04 Oct 2022 13:25

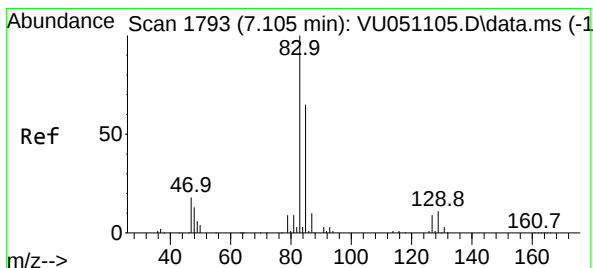
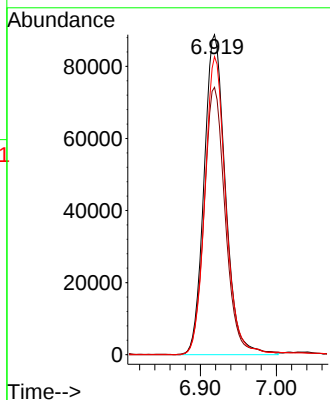
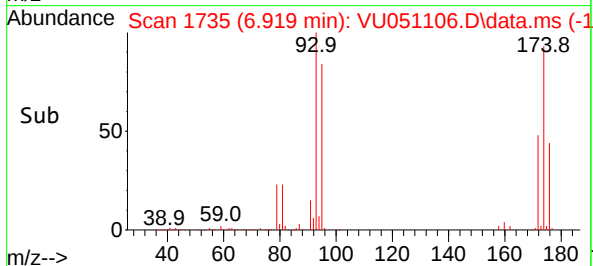
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



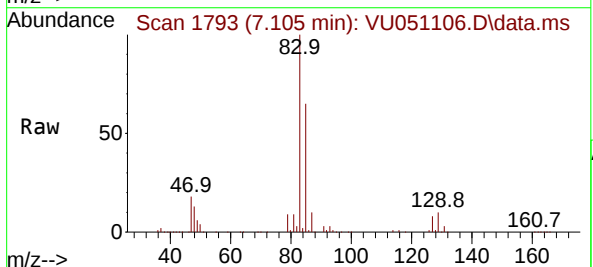
Tgt Ion: 93 Resp: 17345
Ion Ratio Lower Upper
93 100
95 83.5 65.0 97.6
174 91.0 76.3 114.5

Manual Integrations
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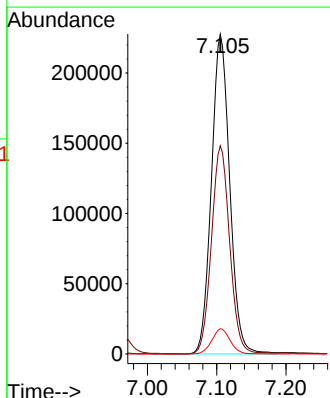
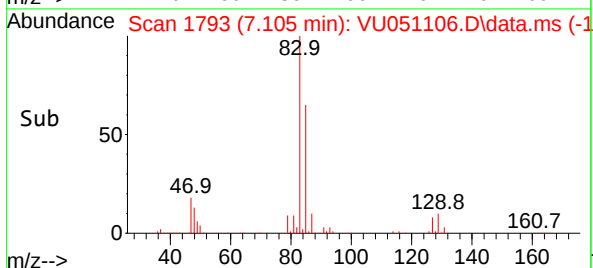
Reviewed By :Krupa Patel 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022

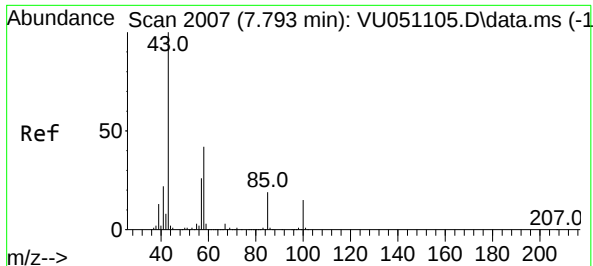


#44
Bromodichloromethane
Concen: 17.093 ug/l
RT: 7.105 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VU051106.D
Acq: 04 Oct 2022 13:25



Tgt Ion: 83 Resp: 418153
Ion Ratio Lower Upper
83 100
85 65.0 49.4 74.0
127 7.9 6.6 10.0





#45

4-Methyl-2-Pentanone

Concen: 75.668 ug/l

RT: 7.793 min Scan# 2007

Delta R.T. -0.000 min

Lab File: VU051106.D

Acq: 04 Oct 2022 13:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015

Tgt Ion: 43 Resp: 102393

Ion Ratio Lower Upper

43 100

58 42.8 20.3 61.0

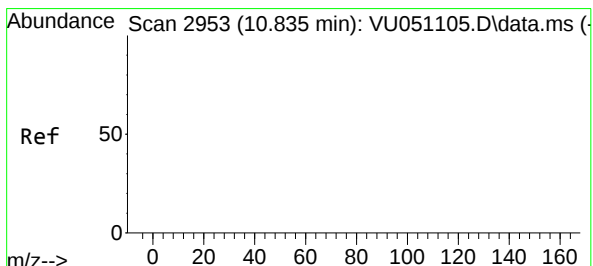
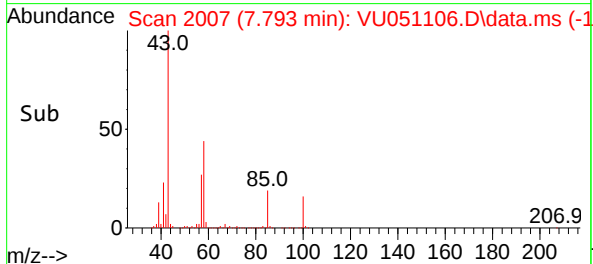
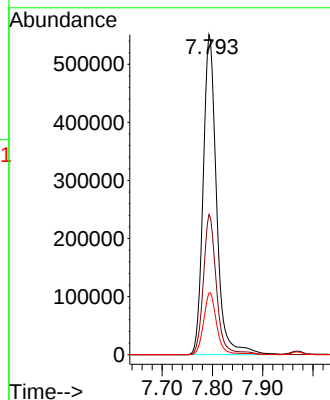
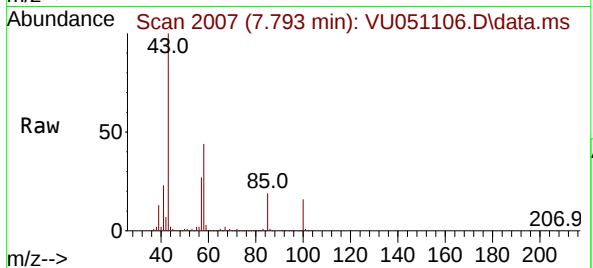
85 18.7 14.6 21.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/05/2022

Supervised By :Mahesh Dadoda 10/05/2022



#46

t-1,4-Dichloro-2-butene

Concen: 33.933 ug/l m

RT: 10.835 min Scan# 2953

Delta R.T. -0.000 min

Lab File: VU051106.D

Acq: 04 Oct 2022 13:25

Tgt Ion: 75 Resp: 148638

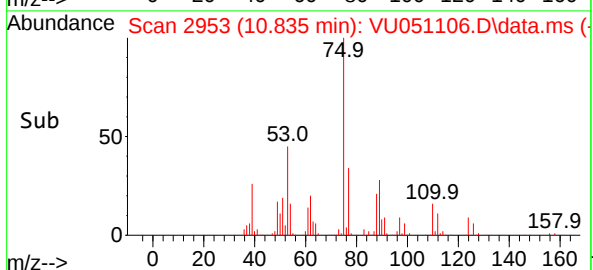
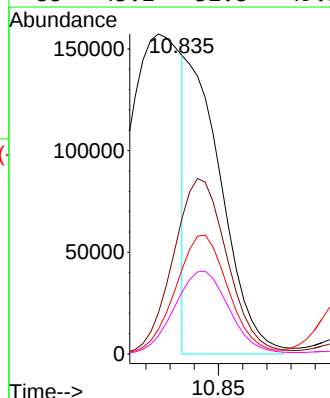
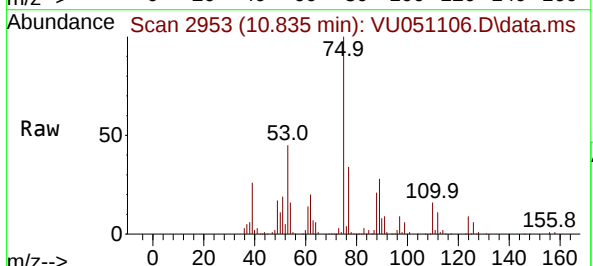
Ion Ratio Lower Upper

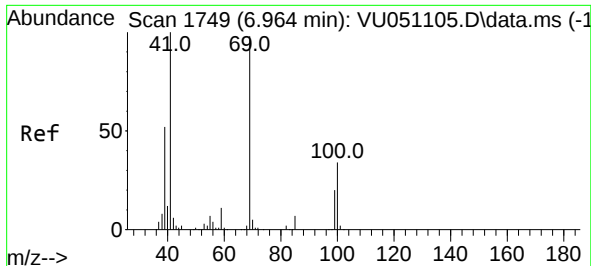
75 100

53 90.7 64.4 96.6

89 60.0 44.2 66.2

88 43.2 32.8 49.2





#47

Methyl methacrylate

Concen: 32.331 ug/l

RT: 6.964 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VU051106.D

Acq: 04 Oct 2022 13:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015

Tgt Ion: 69 Resp: 328470

Ion Ratio Lower Upper

69 100

41 103.9 0.0 225.4

39 54.0 45.8 68.8

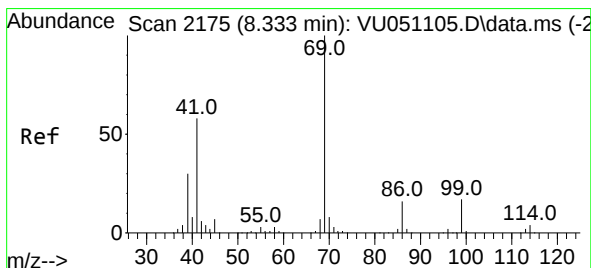
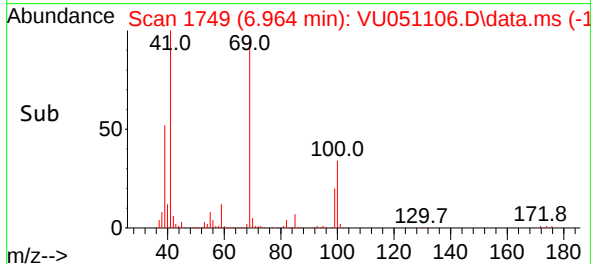
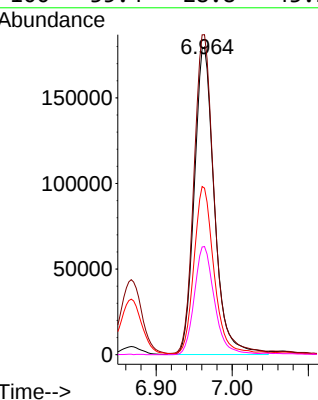
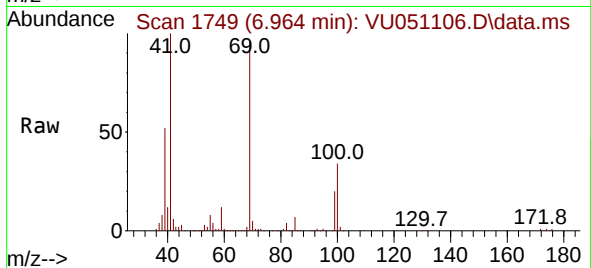
100 35.4 28.8 43.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/05/2022

Supervised By :Mahesh Dadoda 10/05/2022



#48

Ethyl methacrylate

Concen: 14.870 ug/l

RT: 8.333 min Scan# 2175

Delta R.T. -0.000 min

Lab File: VU051106.D

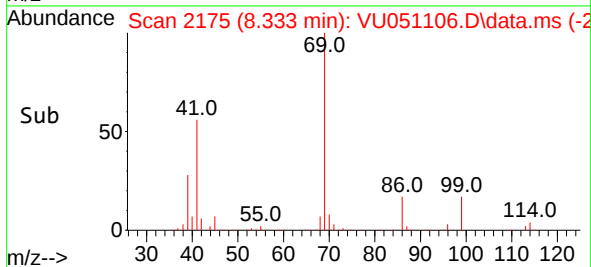
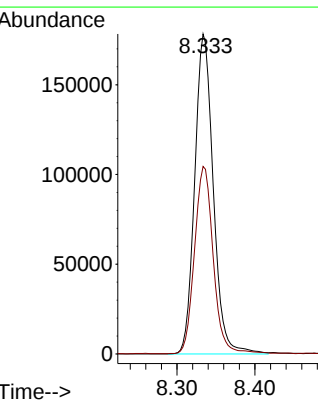
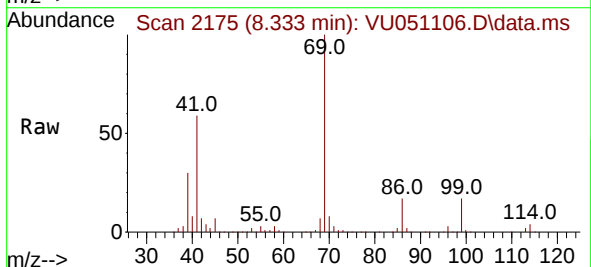
Acq: 04 Oct 2022 13:25

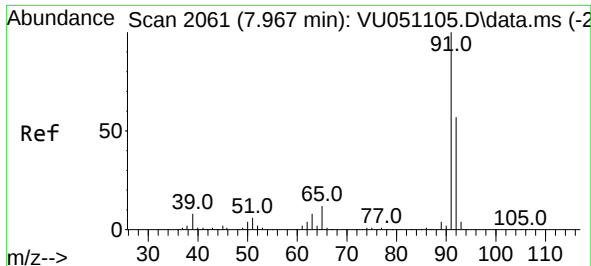
Tgt Ion: 69 Resp: 295600

Ion Ratio Lower Upper

69 100

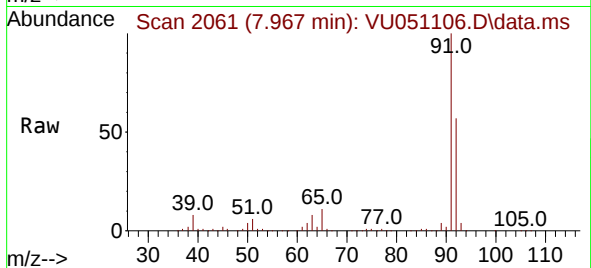
41 58.9 32.3 96.9





#49
Toluene
Concen: 16.538 ug/l
RT: 7.967 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VU051106.D
Acq: 04 Oct 2022 13:25

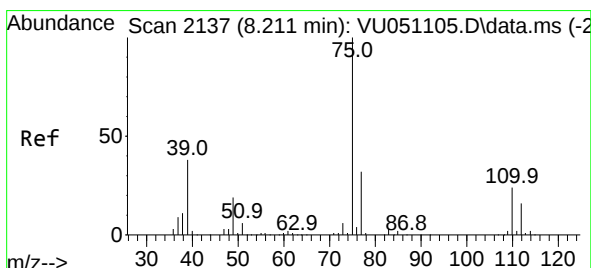
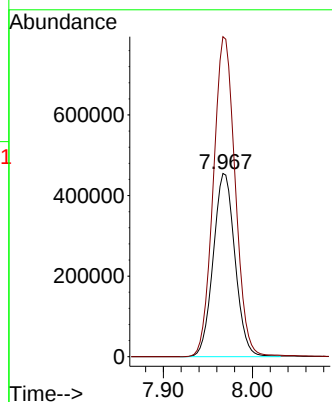
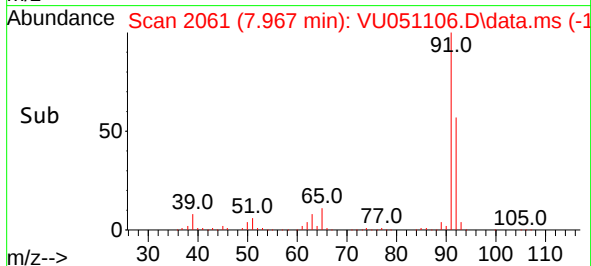
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



Tgt Ion: 92 Resp: 771678
Ion Ratio Lower Upper
92 100
91 176.7 138.6 207.8

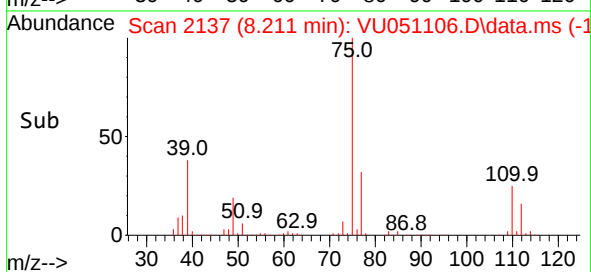
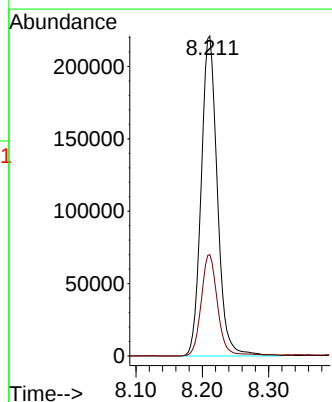
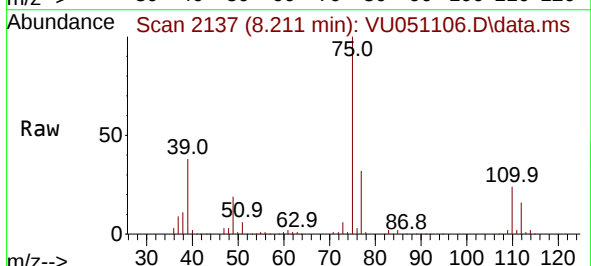
Manual Integrations
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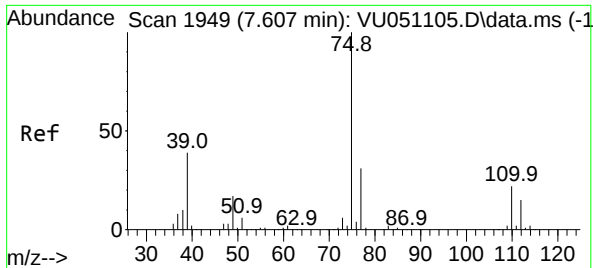
Reviewed By :Krupa Patel 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022



#50
t-1,3-Dichloropropene
Concen: 16.252 ug/l
RT: 8.211 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VU051106.D
Acq: 04 Oct 2022 13:25

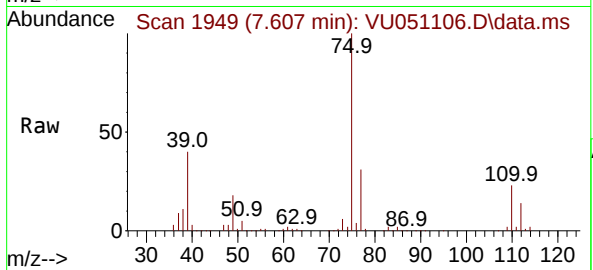
Tgt Ion: 75 Resp: 375672
Ion Ratio Lower Upper
75 100
77 31.7 24.7 37.1





#51
 cis-1,3-Dichloropropene
 Concen: 16.131 ug/l
 RT: 7.607 min Scan# 1949
 Delta R.T. -0.000 min
 Lab File: VU051106.D
 Acq: 04 Oct 2022 13:25

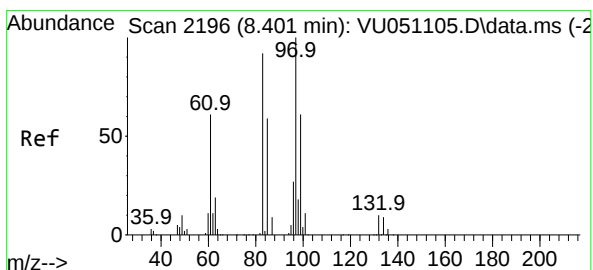
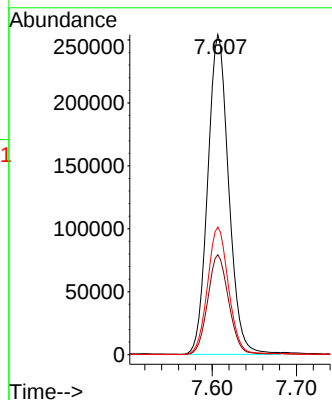
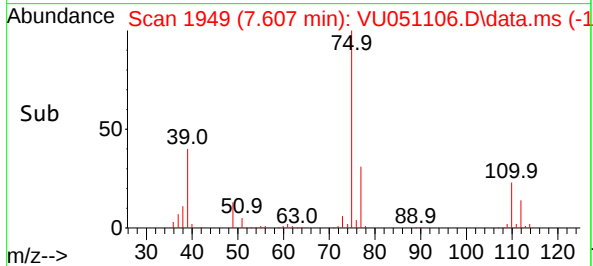
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015



Tgt Ion: 75 Resp: 439210
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.4 38.0
 39 39.9 35.1 52.7

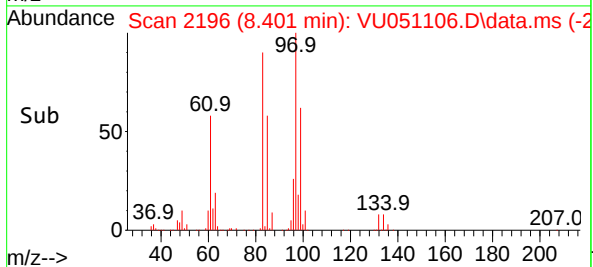
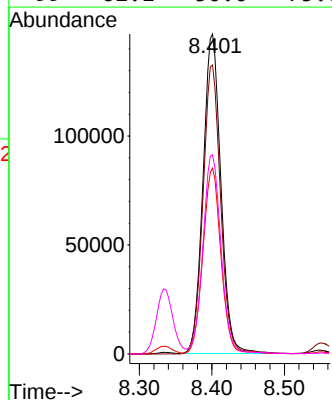
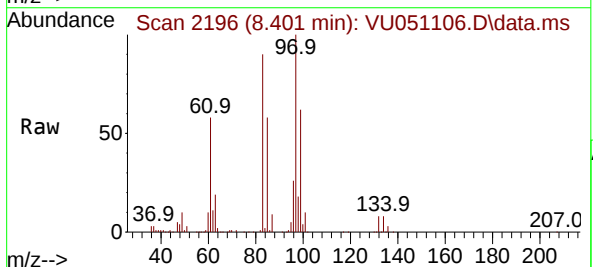
Manual Integrations
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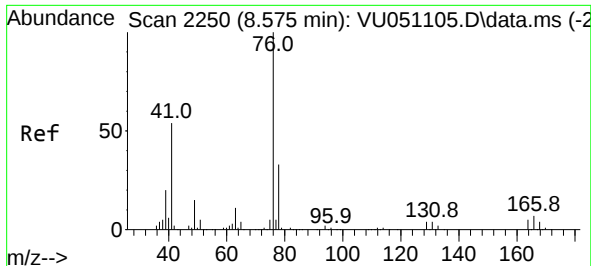
Reviewed By :Krupa Patel 10/05/2022
 Supervised By :Mahesh Dadoda 10/05/2022



#52
 1,1,2-Trichloroethane
 Concen: 17.578 ug/l
 RT: 8.401 min Scan# 2196
 Delta R.T. -0.000 min
 Lab File: VU051106.D
 Acq: 04 Oct 2022 13:25

Tgt Ion: 97 Resp: 250944
 Ion Ratio Lower Upper
 97 100
 83 90.4 70.6 106.0
 85 58.0 46.2 69.4
 99 62.1 50.0 75.0





#53

1,3-Dichloropropane

Concen: 16.920 ug/l

RT: 8.574 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU051106.D

Acq: 04 Oct 2022 13:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015

Tgt Ion: 76 Resp: 429060

Ion Ratio Lower Upper

76 100

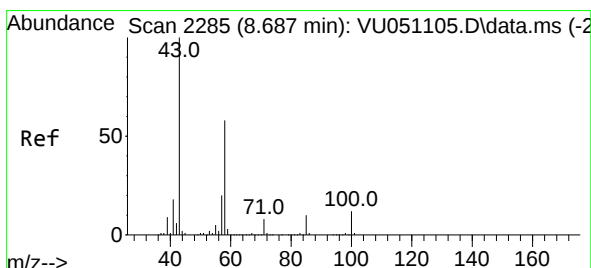
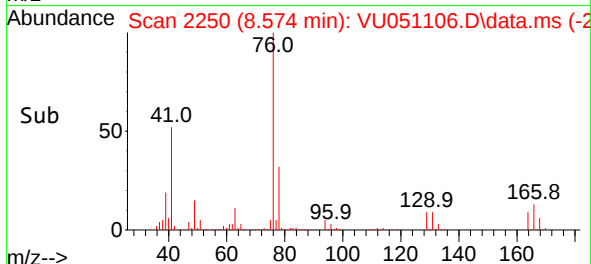
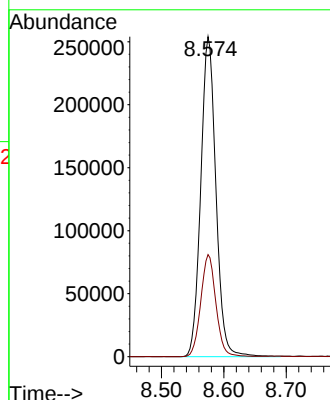
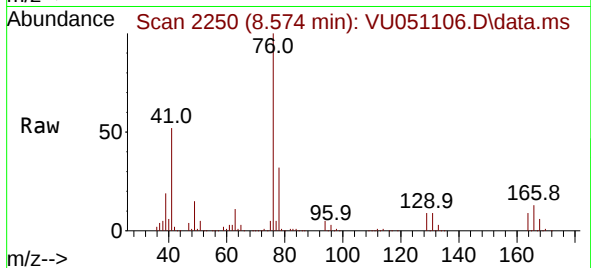
78 31.9 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/05/2022

Supervised By :Mahesh Dadoda 10/05/2022



#54

2-Hexanone

Concen: 75.478 ug/l

RT: 8.687 min Scan# 2285

Delta R.T. -0.000 min

Lab File: VU051106.D

Acq: 04 Oct 2022 13:25

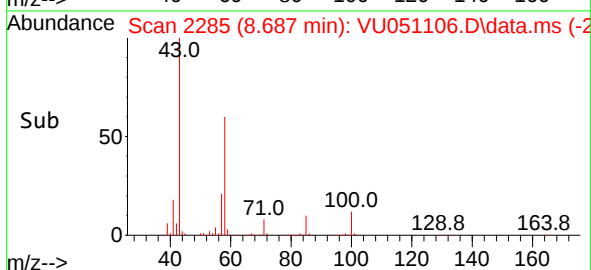
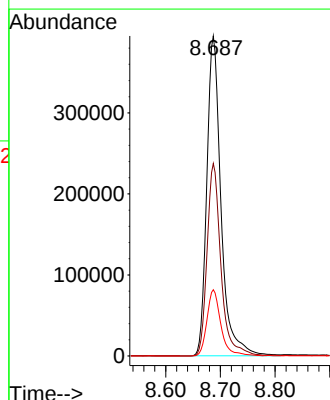
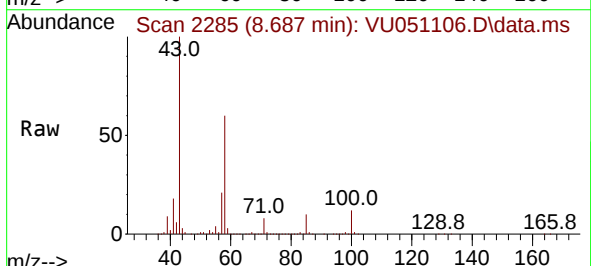
Tgt Ion: 43 Resp: 712319

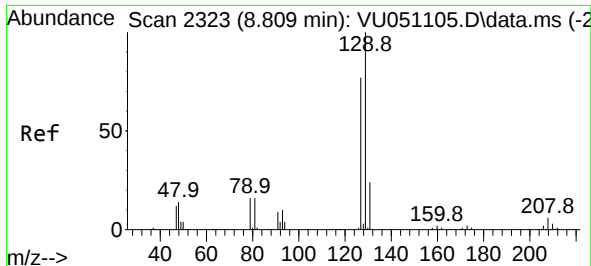
Ion Ratio Lower Upper

43 100

58 58.7 37.1 77.1

57 20.3 0.0 39.5





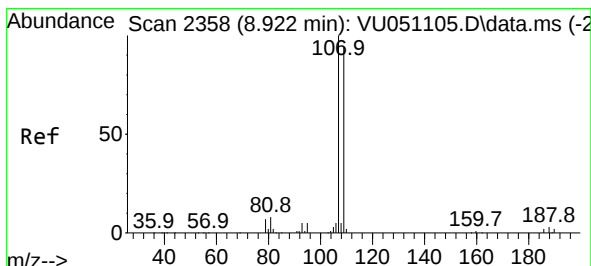
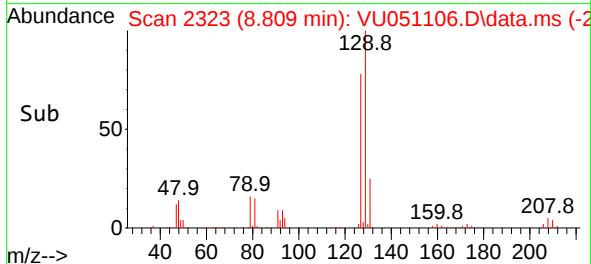
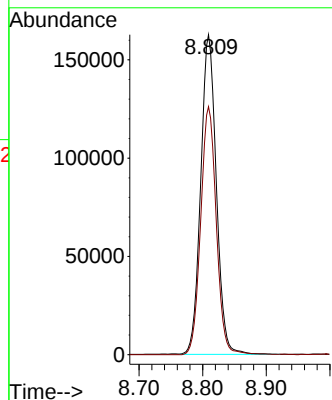
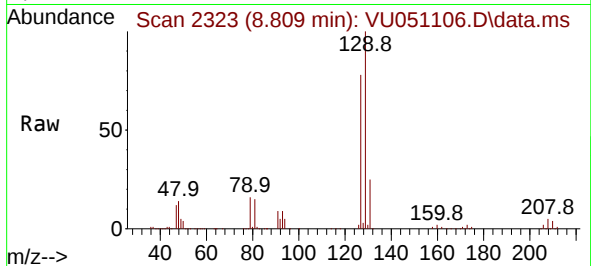
#55
Dibromochloromethane
Concen: 17.205 ug/l
RT: 8.809 min Scan# 2129
Delta R.T. -0.000 min
Lab File: VU051106.D
Acq: 04 Oct 2022 13:25

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion:129 Resp: 27687
Ion Ratio Lower Upper
129 100
127 77.7 61.2 91.8

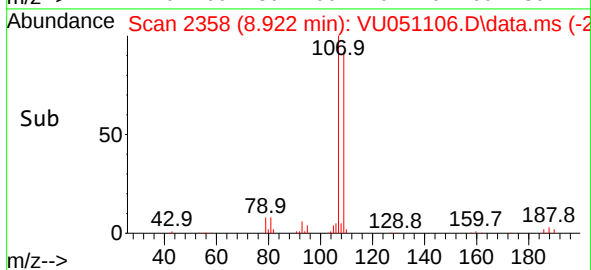
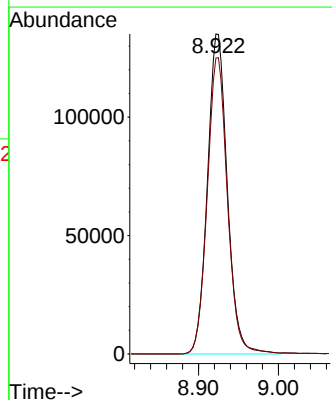
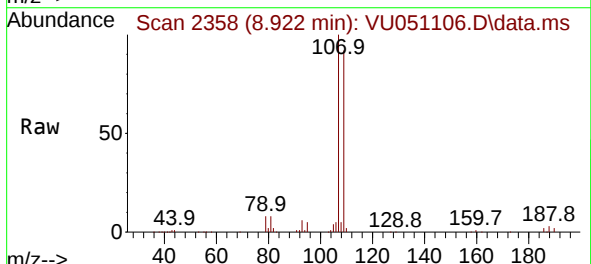
Manual Integrations
APPROVED

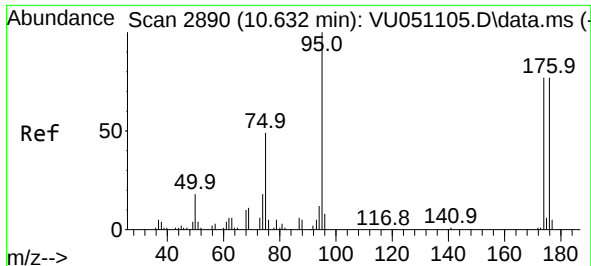
Reviewed By :Krupa Patel 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022



#56
1,2-Dibromoethane
Concen: 16.977 ug/l
RT: 8.922 min Scan# 2358
Delta R.T. -0.000 min
Lab File: VU051106.D
Acq: 04 Oct 2022 13:25

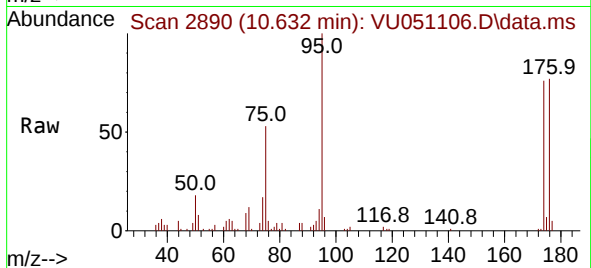
Tgt Ion:107 Resp: 233519
Ion Ratio Lower Upper
107 100
109 94.2 0.0 187.2





#57
4-Bromofluorobenzene
Concen: 0.968 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.000 min
Lab File: VU051106.D
Acq: 04 Oct 2022 13:25

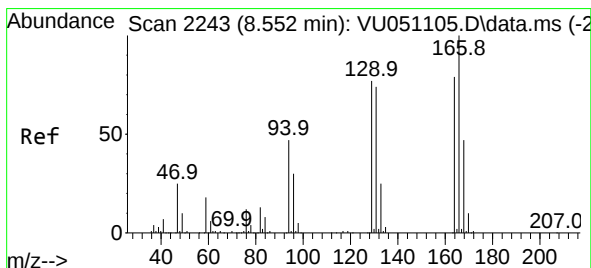
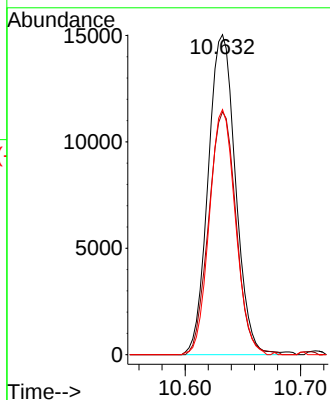
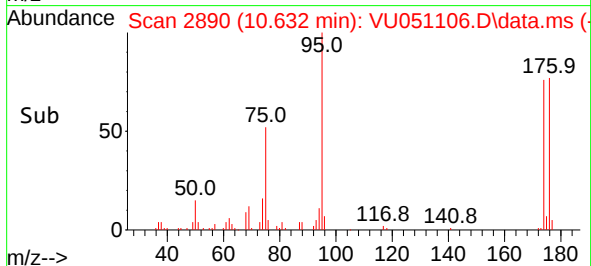
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



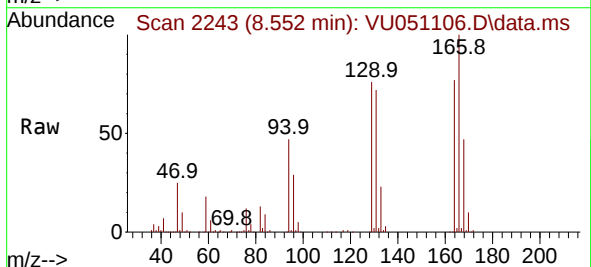
Tgt Ion: 95 Resp: 2474
Ion Ratio Lower Upper
95 100
174 75.9 62.4 93.6
176 73.1 56.2 84.2

Manual Integrations
APPROVED

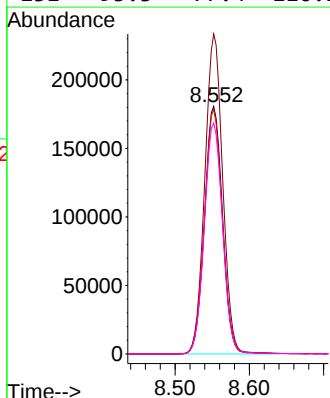
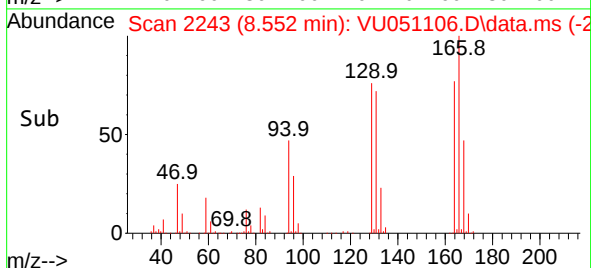
Reviewed By :Krupa Patel 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022

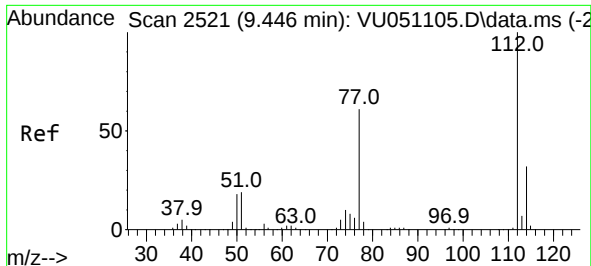


#58
Tetrachloroethene
Concen: 18.320 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU051106.D
Acq: 04 Oct 2022 13:25



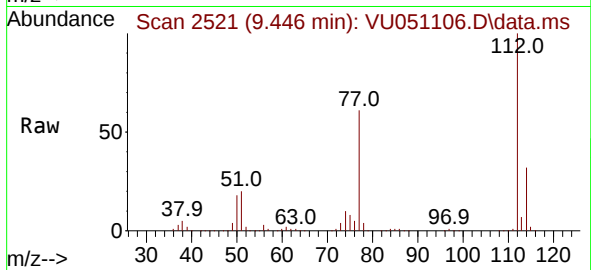
Tgt Ion:164 Resp: 305202
Ion Ratio Lower Upper
164 100
166 129.3 102.4 153.6
129 98.7 79.5 119.3
131 93.3 77.4 116.2





#59
Chlorobenzene
Concen: 16.503 ug/l
RT: 9.446 min Scan# 2521
Delta R.T. -0.000 min
Lab File: VU051106.D
Acq: 04 Oct 2022 13:25

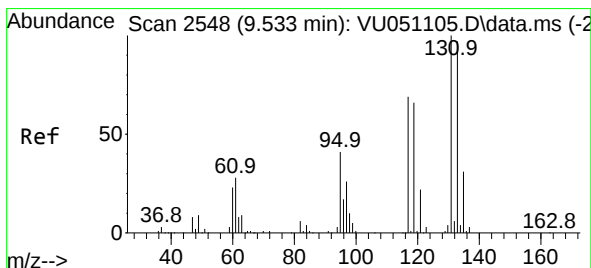
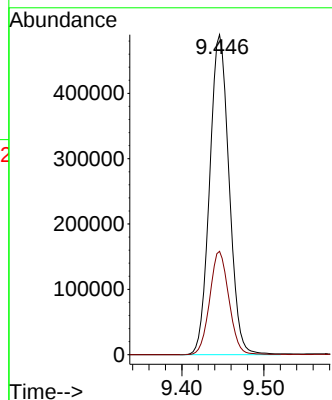
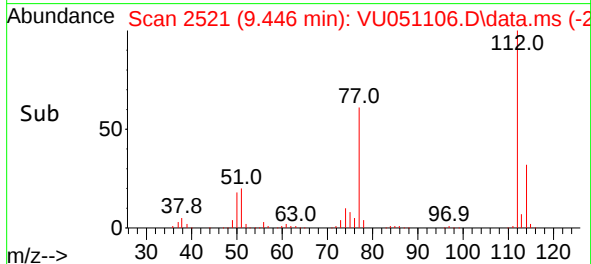
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



Tgt Ion:112 Resp: 805889
Ion Ratio Lower Upper
112 100
114 32.3 24.9 37.3

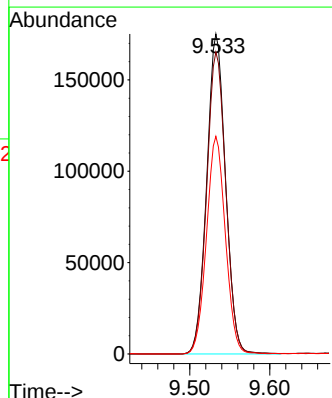
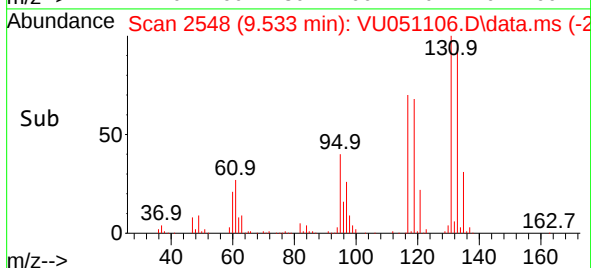
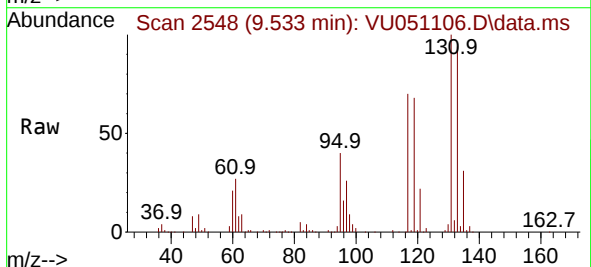
Manual Integrations
APPROVED

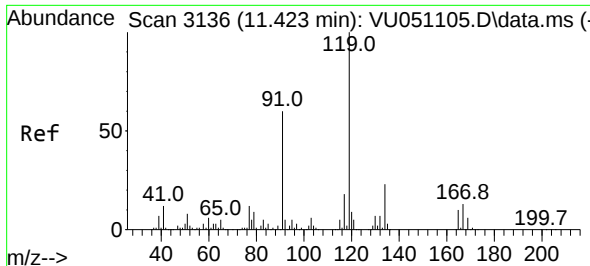
Reviewed By :Krupa Patel 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022



#60
1,1,1,2-Tetrachloroethane
Concen: 16.514 ug/l
RT: 9.533 min Scan# 2548
Delta R.T. -0.000 min
Lab File: VU051106.D
Acq: 04 Oct 2022 13:25

Tgt Ion:131 Resp: 287669
Ion Ratio Lower Upper
131 100
133 95.9 78.3 117.5
119 68.2 53.2 79.8





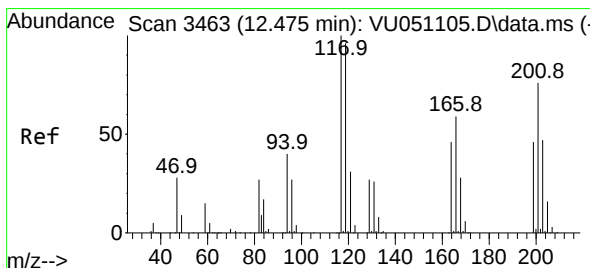
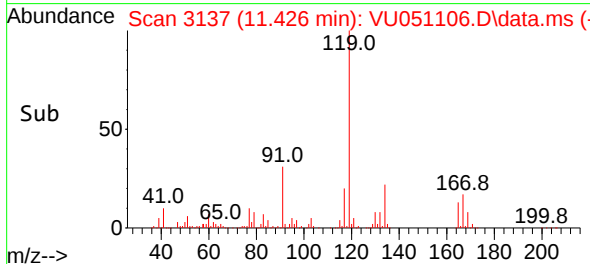
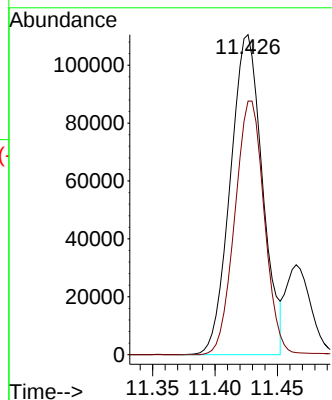
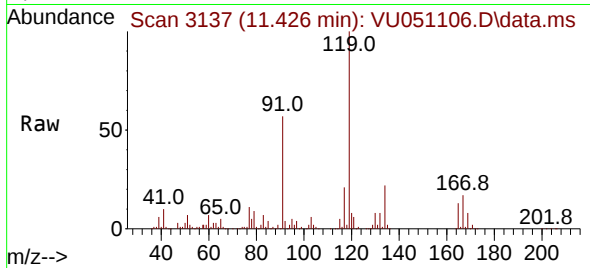
#61
Pentachloroethane
Concen: 15.140 ug/l
RT: 11.426 min Scan# 3136
Delta R.T. 0.003 min
Lab File: VU051106.D
Acq: 04 Oct 2022 13:25

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015

Tgt Ion:117 Resp: 198135
Ion Ratio Lower Upper
117 100
167 72.9 66.2 99.4

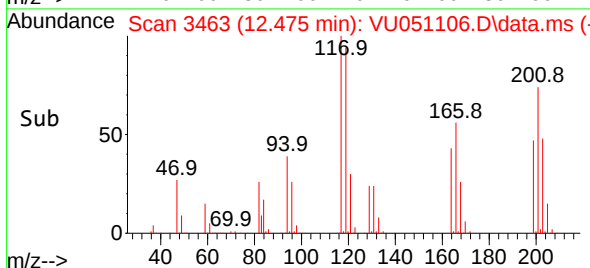
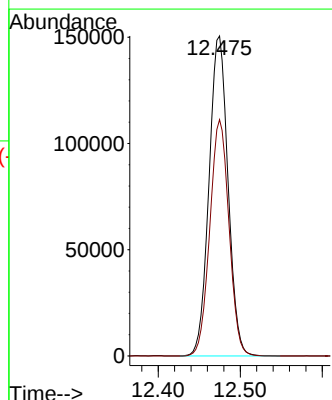
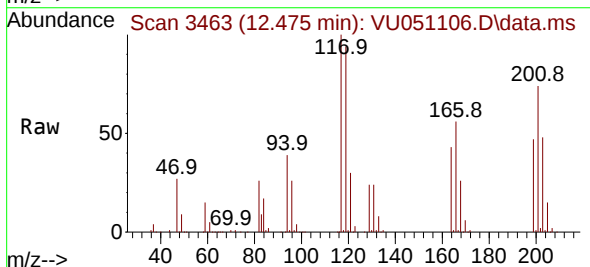
Manual Integrations
APPROVED

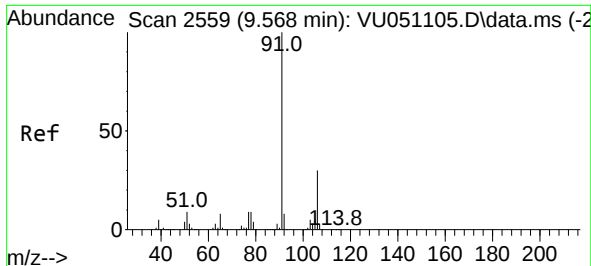
Reviewed By :Krupa Patel 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022



#62
Hexachloroethane
Concen: 17.896 ug/l
RT: 12.475 min Scan# 3463
Delta R.T. -0.000 min
Lab File: VU051106.D
Acq: 04 Oct 2022 13:25

Tgt Ion:117 Resp: 242118
Ion Ratio Lower Upper
117 100
201 74.4 61.0 91.4





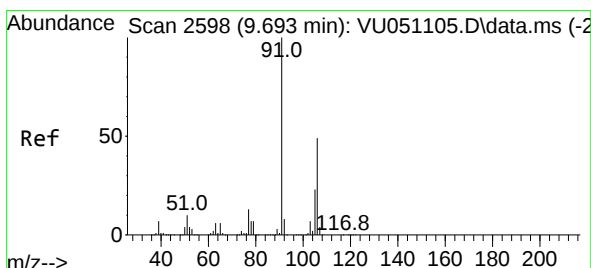
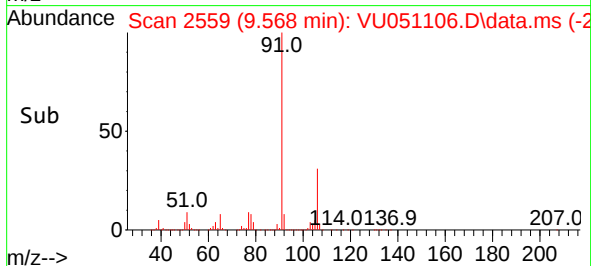
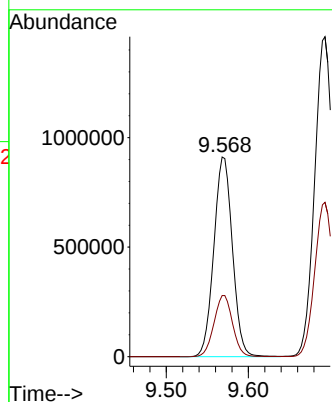
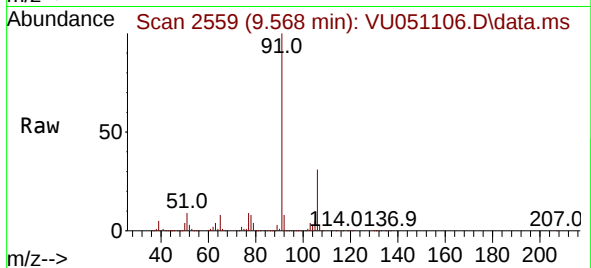
#63
Ethyl Benzene
Concen: 16.502 ug/l
RT: 9.568 min Scan# 2559
Delta R.T. -0.000 min
Lab File: VU051106.D
Acq: 04 Oct 2022 13:25

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015

Tgt Ion: 91 Resp: 143428
Ion Ratio Lower Upper
91 100
106 30.6 24.4 36.6

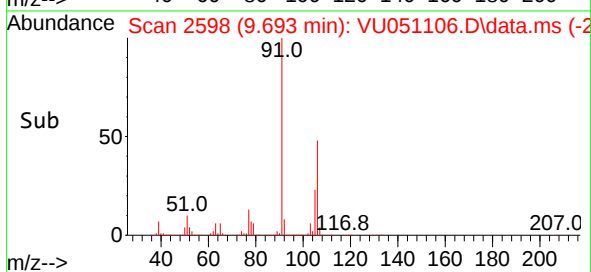
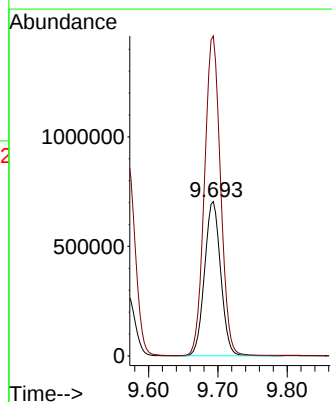
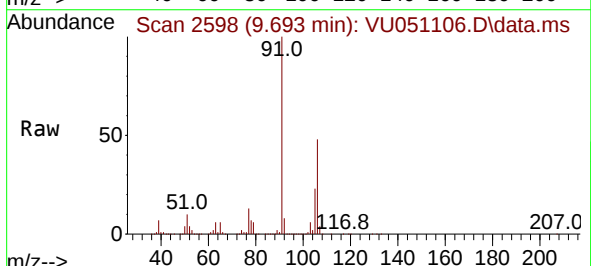
Manual Integrations
APPROVED

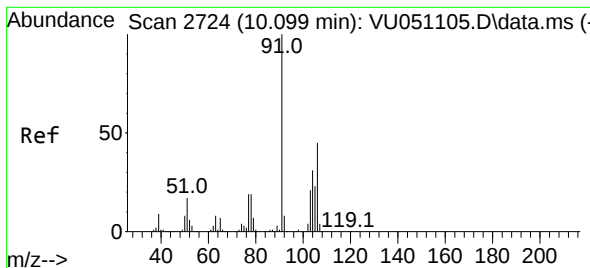
Reviewed By :Krupa Patel 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022



#64
m/p-Xylenes
Concen: 34.743 ug/l
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU051106.D
Acq: 04 Oct 2022 13:25

Tgt Ion:106 Resp: 1136066
Ion Ratio Lower Upper
106 100
91 206.8 167.8 251.6





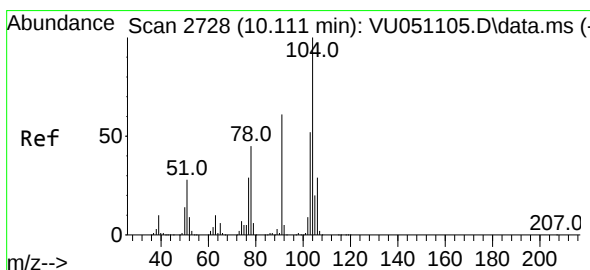
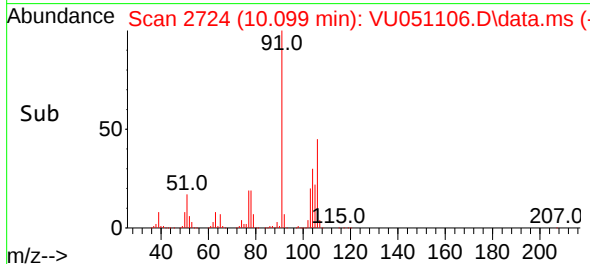
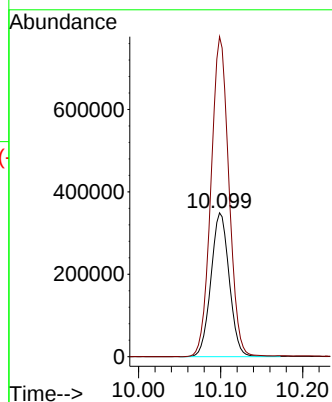
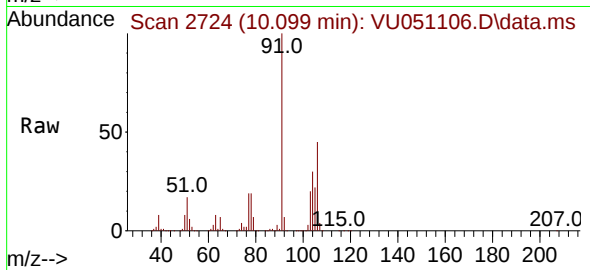
#65
o-Xylene
Concen: 16.977 ug/l
RT: 10.099 min Scan# 2724
Delta R.T. -0.000 min
Lab File: VU051106.D
Acq: 04 Oct 2022 13:25

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion:106 Resp: 541998
Ion Ratio Lower Upper
106 100
91 218.1 111.1 333.2

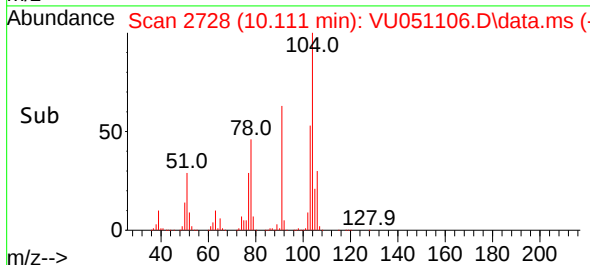
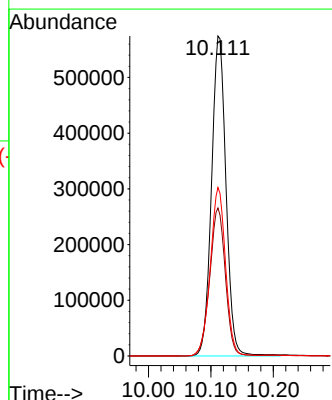
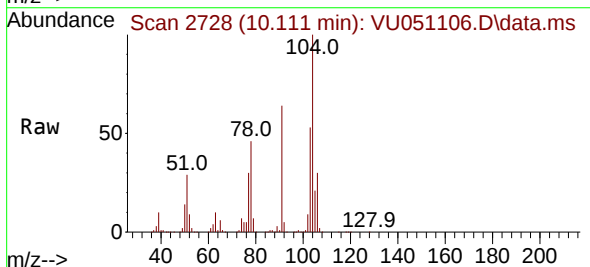
Manual Integrations
APPROVED

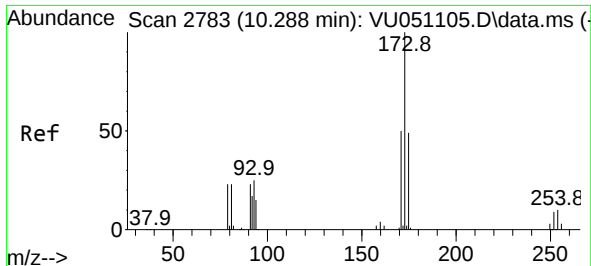
Reviewed By :Krupa Patel 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022



#66
Styrene
Concen: 17.922 ug/l
RT: 10.111 min Scan# 2728
Delta R.T. -0.000 min
Lab File: VU051106.D
Acq: 04 Oct 2022 13:25

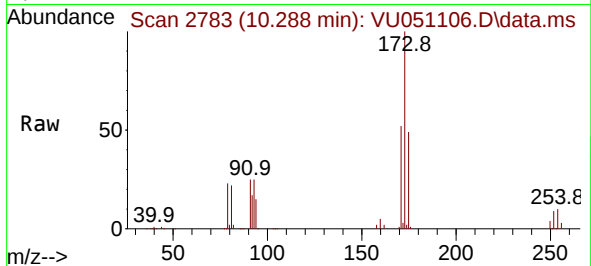
Tgt Ion:104 Resp: 928054
Ion Ratio Lower Upper
104 100
78 49.8 42.1 63.1
103 55.5 44.5 66.7





#67
Bromoform
Concen: 17.331 ug/l
RT: 10.288 min Scan# 2783
Delta R.T. -0.000 min
Lab File: VU051106.D
Acq: 04 Oct 2022 13:25

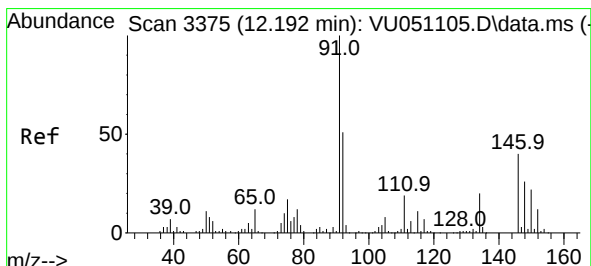
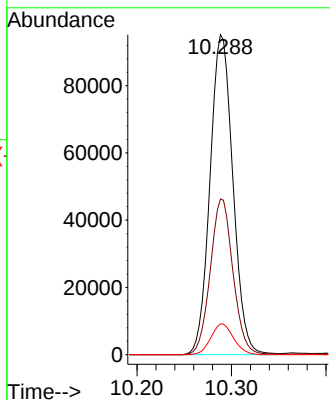
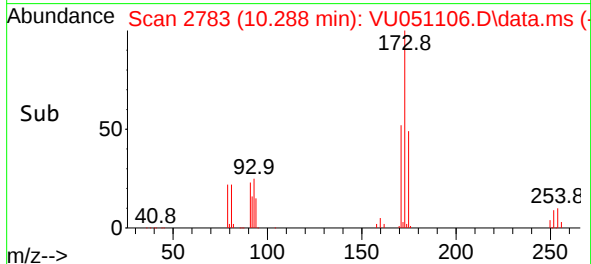
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



Tgt Ion:173 Resp: 160138
Ion Ratio Lower Upper
173 100
175 48.3 38.4 57.6
254 9.5 7.7 11.5

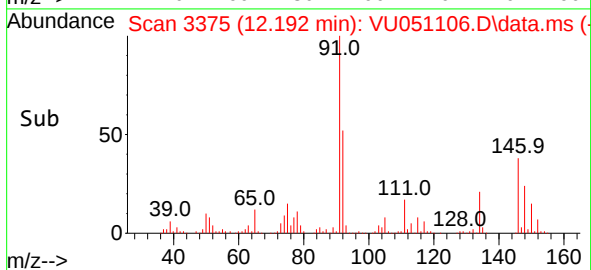
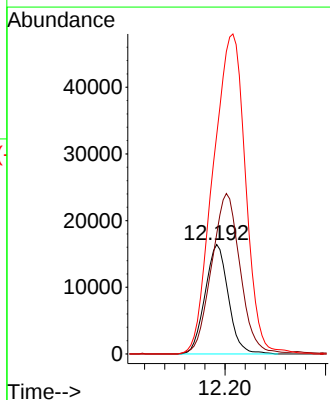
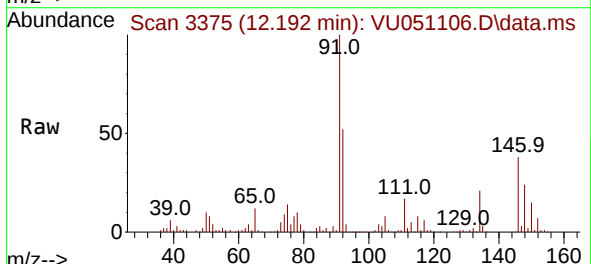
Manual Integrations
APPROVED

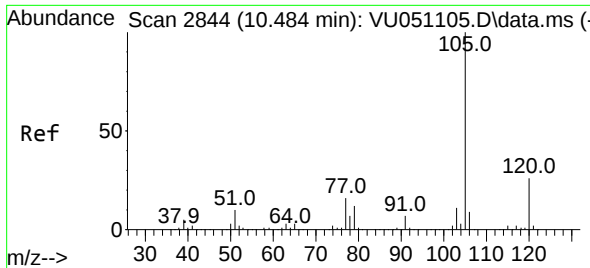
Reviewed By :Krupa Patel 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022



#68
1,2-Dichlorobenzene-d4
Concen: 1.092 ug/l
RT: 12.192 min Scan# 3375
Delta R.T. -0.000 min
Lab File: VU051106.D
Acq: 04 Oct 2022 13:25

Tgt Ion:152 Resp: 26280
Ion Ratio Lower Upper
152 100
115 180.6 0.0 254.6
150 408.6 0.0 623.6





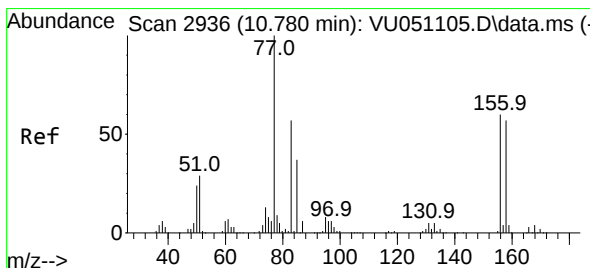
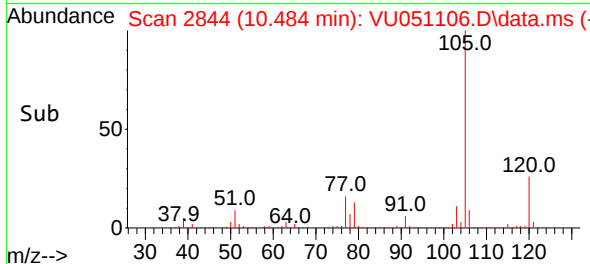
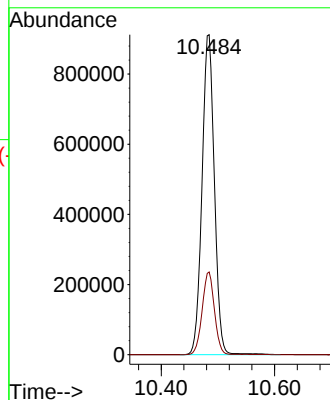
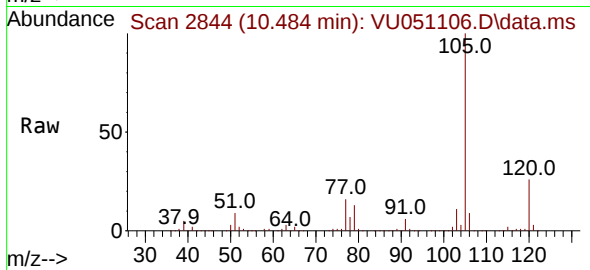
#69
Isopropylbenzene
Concen: 16.377 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU051106.D
Acq: 04 Oct 2022 13:25

Instrument : MSVOA_U
ClientSampleId : VSTDIC015

Tgt Ion:105 Resp: 137973
Ion Ratio Lower Upper
105 100
120 25.6 12.6 37.8

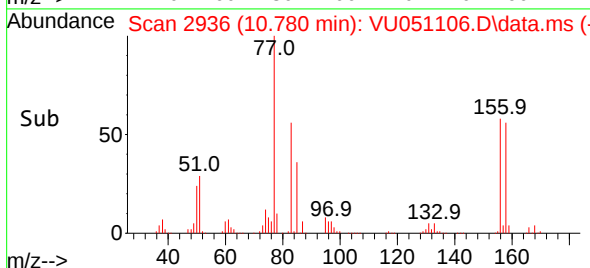
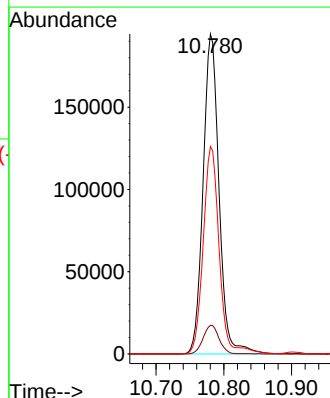
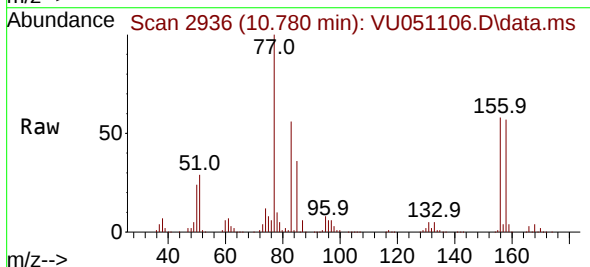
Manual Integrations
APPROVED

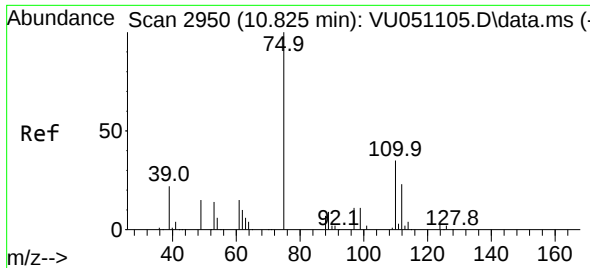
Reviewed By :Krupa Patel 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022



#70
1,1,2,2-Tetrachloroethane
Concen: 17.028 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. -0.000 min
Lab File: VU051106.D
Acq: 04 Oct 2022 13:25

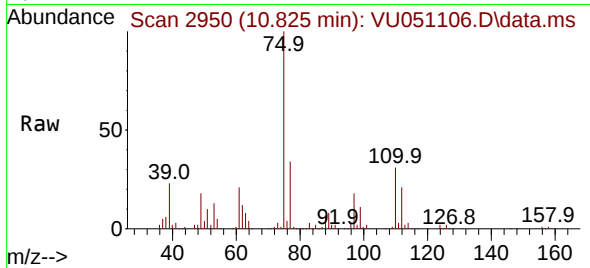
Tgt Ion: 83 Resp: 317340
Ion Ratio Lower Upper
83 100
131 9.0 7.7 11.5
85 65.1 51.2 76.8





#71
1,2,3-Trichloropropane
Concen: 16.673 ug/l m
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU051106.D
Acq: 04 Oct 2022 13:25

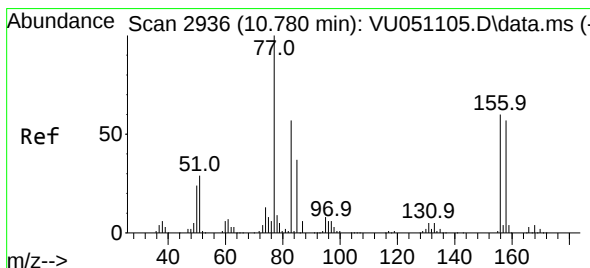
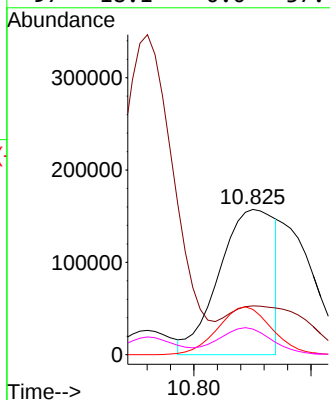
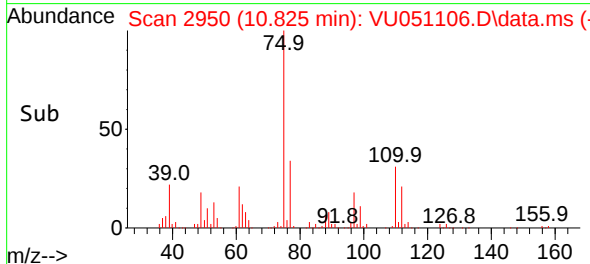
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



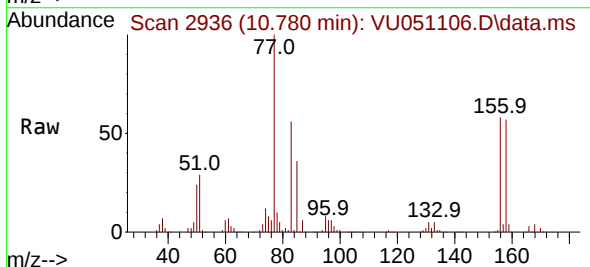
Tgt Ion: 75 Resp: 258508
Ion Ratio Lower Upper
75 100
77 49.4 0.0 112.4
110 32.4 0.0 70.6
97 18.1 0.0 37.4

Manual Integrations
APPROVED

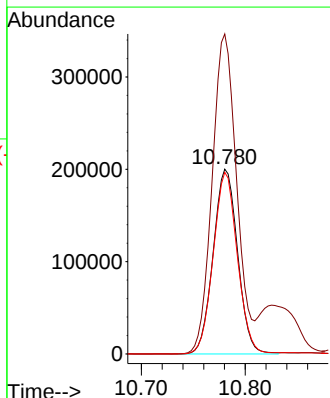
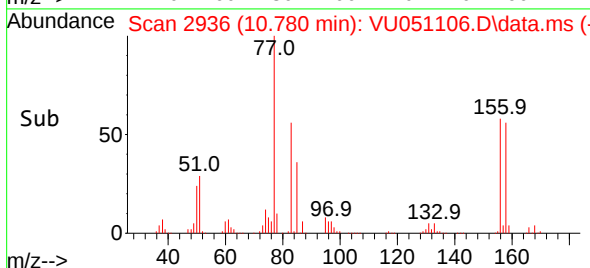
Reviewed By :Krupa Patel 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022

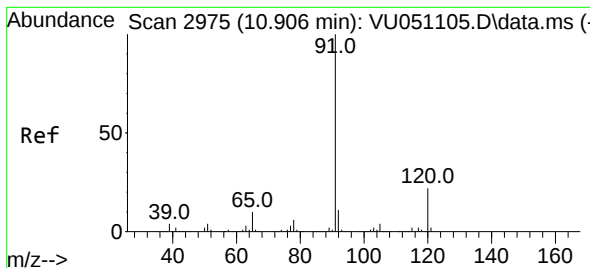


#72
Bromobenzene
Concen: 16.878 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. -0.000 min
Lab File: VU051106.D
Acq: 04 Oct 2022 13:25



Tgt Ion:156 Resp: 326688
Ion Ratio Lower Upper
156 100
77 174.3 0.0 344.4
158 97.5 0.0 192.2





#73

n-propylbenzene

Concen: 17.809 ug/l

RT: 10.906 min Scan# 2975

Delta R.T. -0.000 min

Lab File: VU051106.D

Acq: 04 Oct 2022 13:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion:120 Resp: 384660

Ion Ratio Lower Upper

120 100

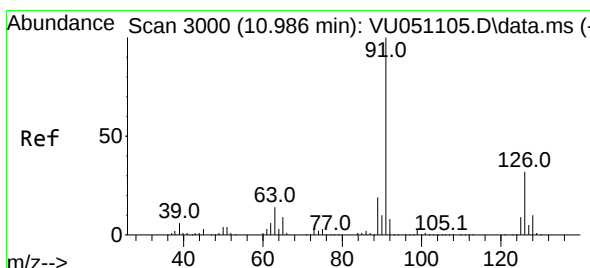
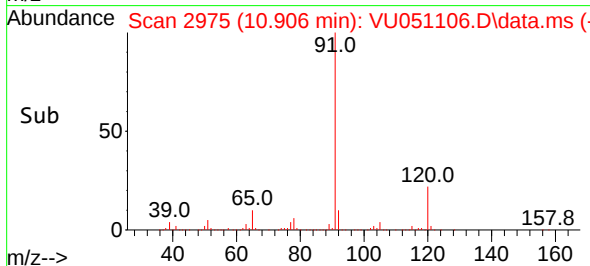
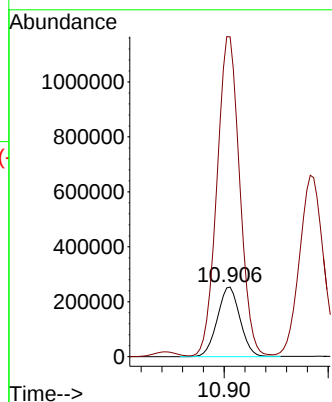
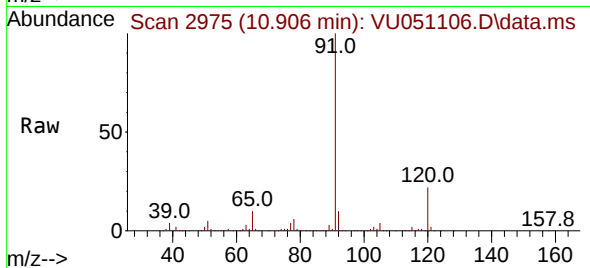
91 458.5 367.8 551.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/05/2022

Supervised By :Mahesh Dadoda 10/05/2022



#74

2-Chlorotoluene

Concen: 17.557 ug/l

RT: 10.986 min Scan# 3000

Delta R.T. -0.000 min

Lab File: VU051106.D

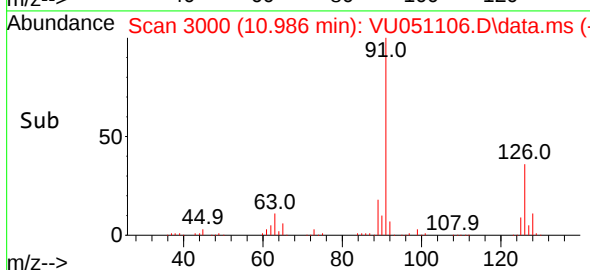
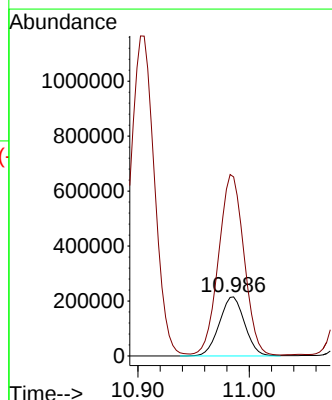
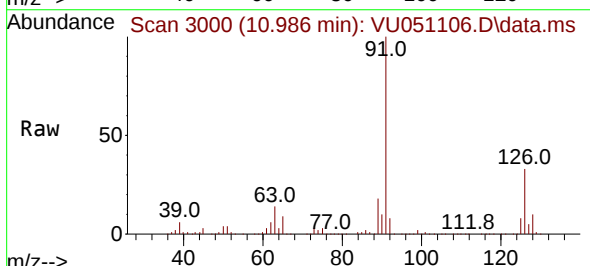
Acq: 04 Oct 2022 13:25

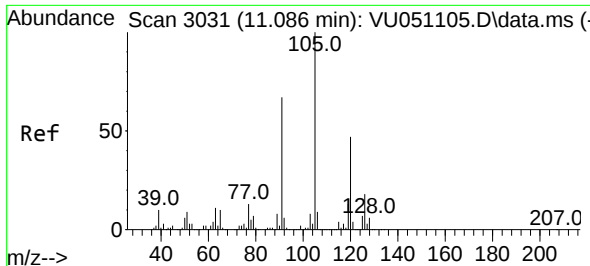
Tgt Ion:126 Resp: 340365

Ion Ratio Lower Upper

126 100

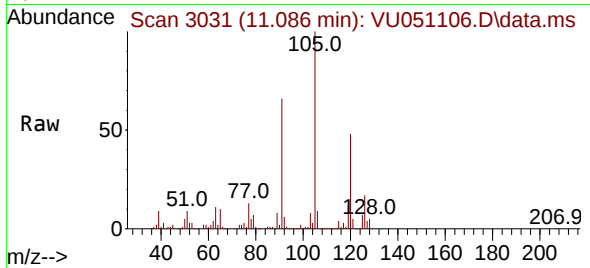
91 305.2 0.0 620.6





#75
1,3,5-Trimethylbenzene
Concen: 17.401 ug/l
RT: 11.086 min Scan# 3031
Delta R.T. -0.000 min
Lab File: VU051106.D
Acq: 04 Oct 2022 13:25

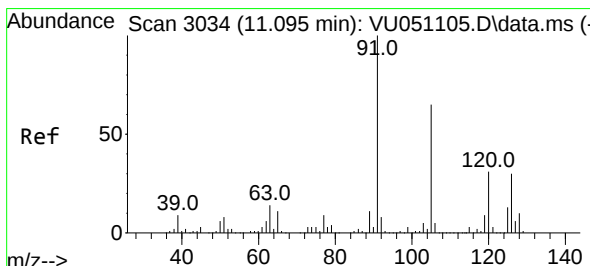
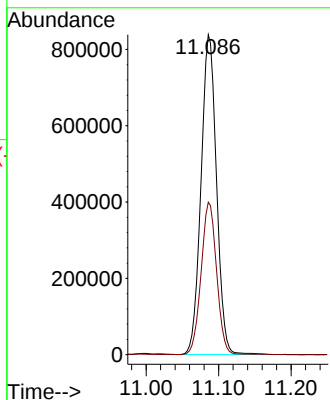
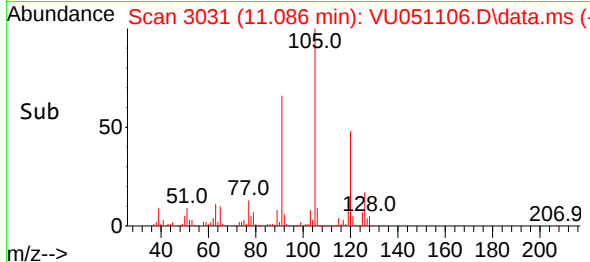
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



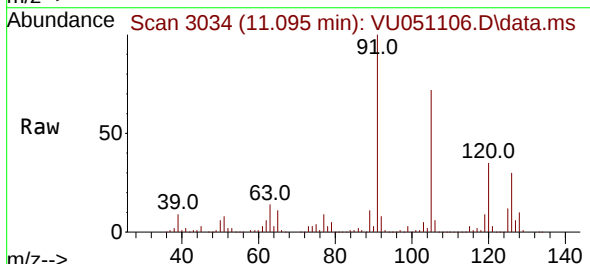
Tgt Ion:105 Resp: 124523
Ion Ratio Lower Upper
105 100
120 47.6 37.6 56.4

Manual Integrations
APPROVED

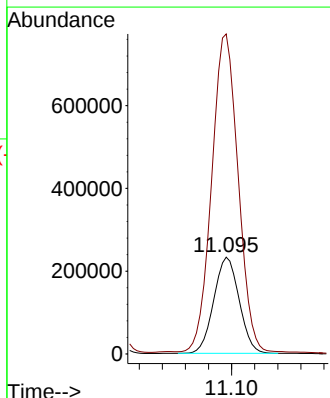
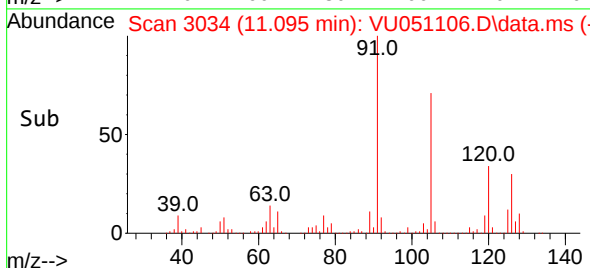
Reviewed By :Krupa Patel 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022

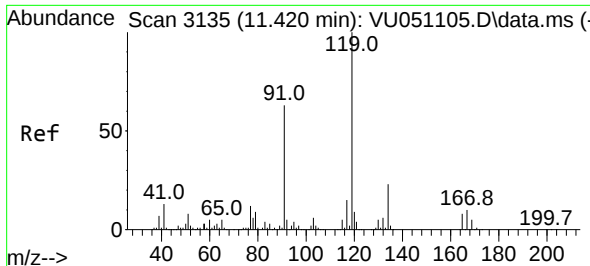


#76
4-Chlorotoluene
Concen: 17.980 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU051106.D
Acq: 04 Oct 2022 13:25



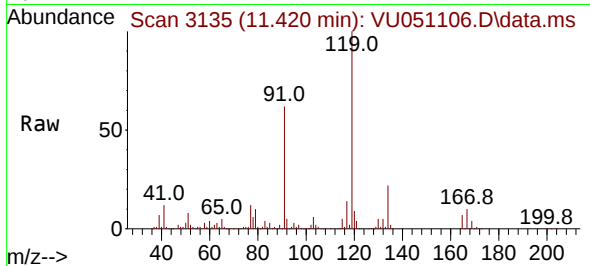
Tgt Ion:126 Resp: 353759
Ion Ratio Lower Upper
126 100
91 353.2 0.0 738.8





#77
tert-Butylbenzene
Concen: 15.998 ug/l
RT: 11.420 min Scan# 3135
Delta R.T. -0.000 min
Lab File: VU051106.D
Acq: 04 Oct 2022 13:25

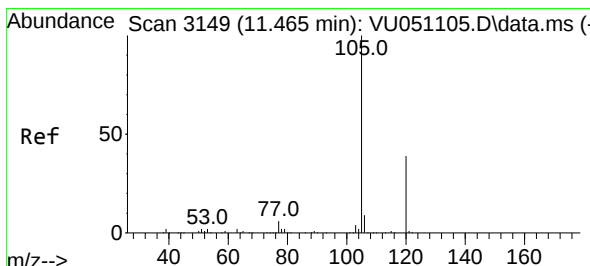
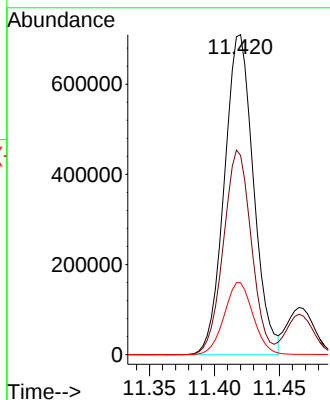
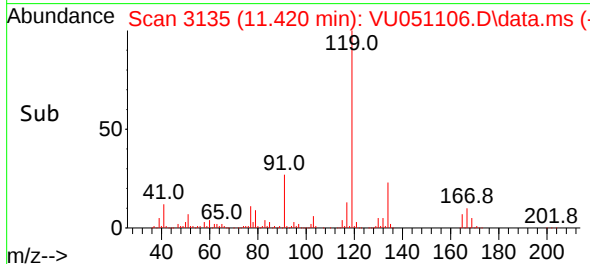
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



Tgt Ion:119 Resp: 1110650
Ion Ratio Lower Upper
119 100
91 61.4 30.4 91.3
134 22.4 17.8 26.6

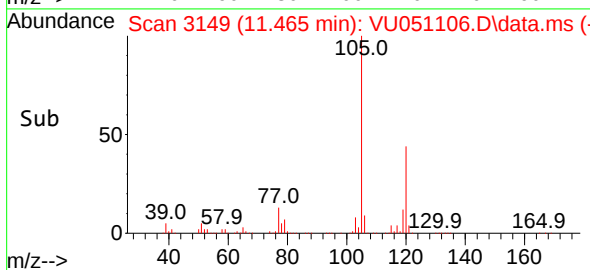
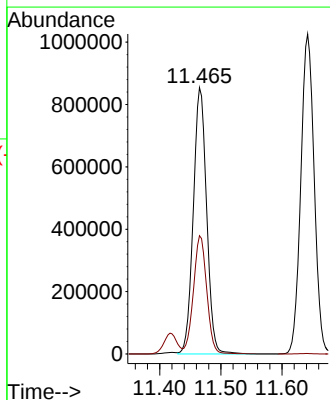
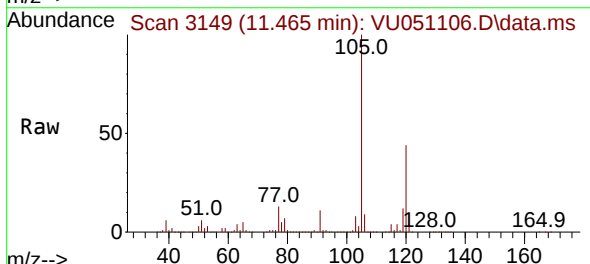
Manual Integrations
APPROVED

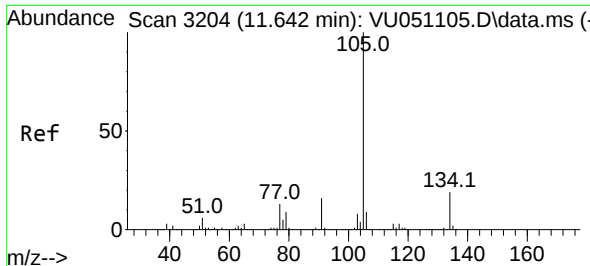
Reviewed By :Krupa Patel 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022



#78
1,2,4-Trimethylbenzene
Concen: 17.851 ug/l
RT: 11.465 min Scan# 3149
Delta R.T. -0.000 min
Lab File: VU051106.D
Acq: 04 Oct 2022 13:25

Tgt Ion:105 Resp: 1293519
Ion Ratio Lower Upper
105 100
120 44.3 21.6 65.0





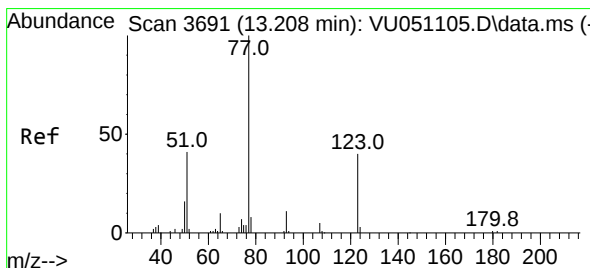
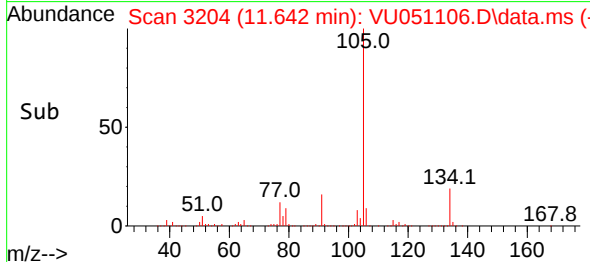
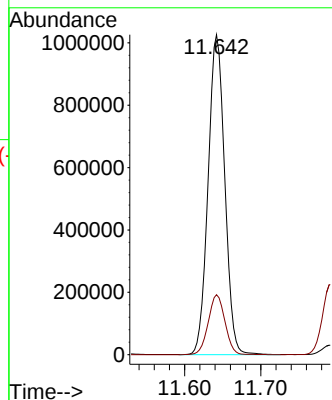
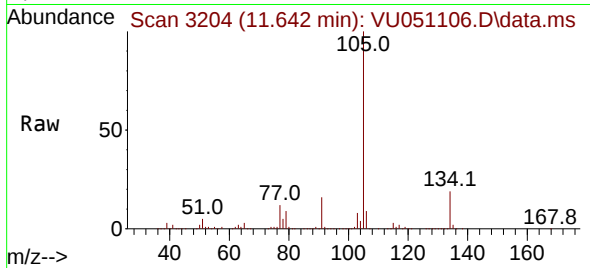
#79
 sec-Butylbenzene
 Concen: 16.915 ug/l
 RT: 11.642 min Scan# 3204
 Delta R.T. -0.000 min
 Lab File: VU051106.D
 Acq: 04 Oct 2022 13:25

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015

Tgt Ion:105 Resp: 155870
 Ion Ratio Lower Upper
 105 100
 134 18.9 15.4 23.0

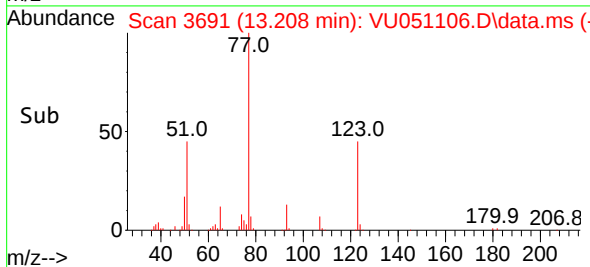
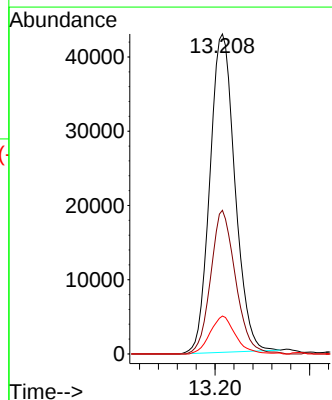
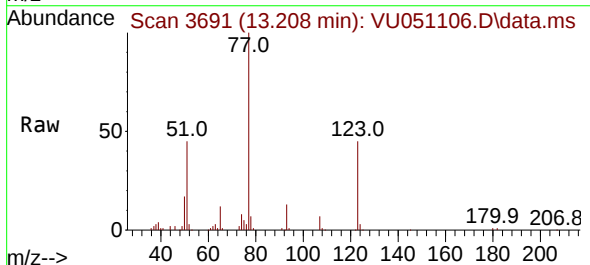
Manual Integrations
 APPROVED

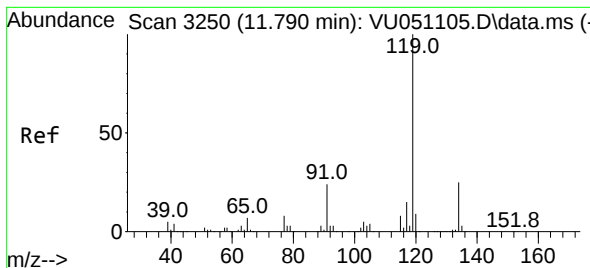
Reviewed By :Krupa Patel 10/05/2022
 Supervised By :Mahesh Dadoda 10/05/2022



#80
 Nitrobenzene
 Concen: 100.356 ug/l
 RT: 13.208 min Scan# 3691
 Delta R.T. -0.000 min
 Lab File: VU051106.D
 Acq: 04 Oct 2022 13:25

Tgt Ion: 77 Resp: 78774
 Ion Ratio Lower Upper
 77 100
 123 44.9 18.1 64.3
 65 11.7 10.8 13.8





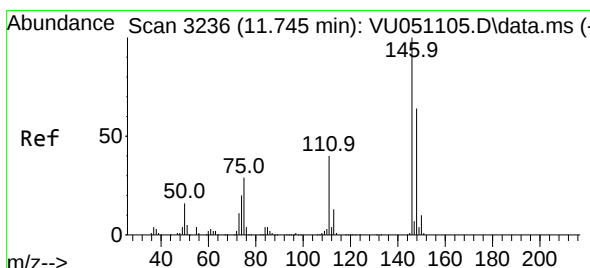
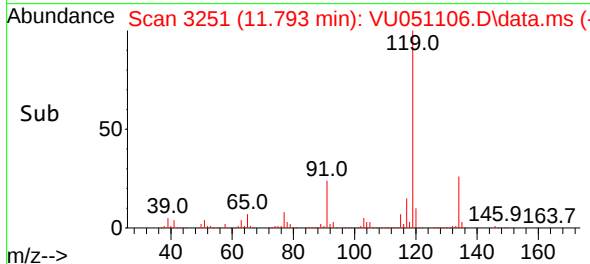
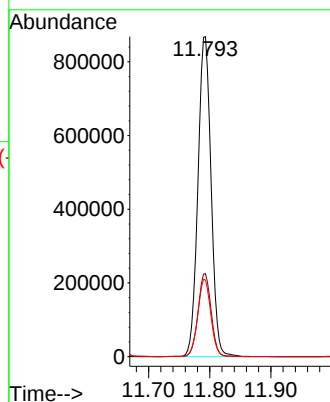
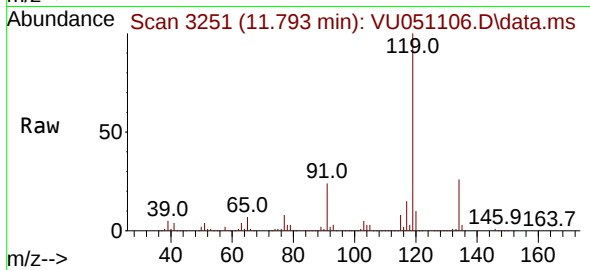
#81
p-Isopropyltoluene
Concen: 17.349 ug/l
RT: 11.793 min Scan# 3250
Delta R.T. 0.003 min
Lab File: VU051106.D
Acq: 04 Oct 2022 13:25

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion:119 Resp: 1295050
Ion Ratio Lower Upper
119 100
134 25.9 20.5 30.7
91 23.9 19.8 29.6

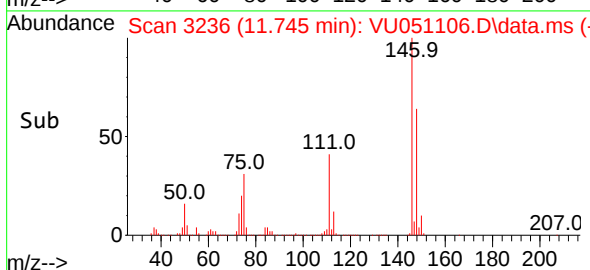
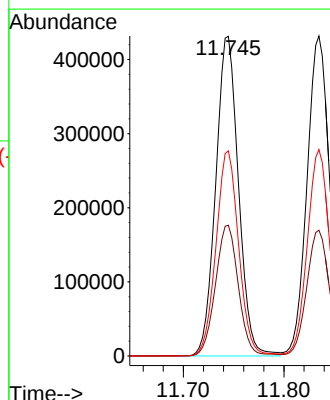
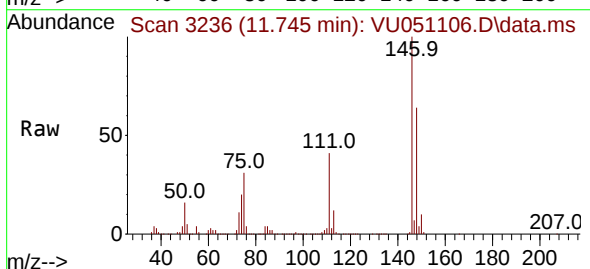
Manual Integrations
APPROVED

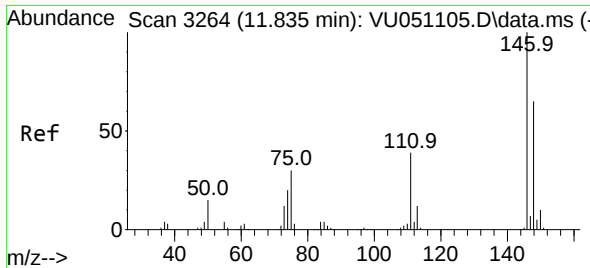
Reviewed By :Krupa Patel 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022



#82
1,3-Dichlorobenzene
Concen: 17.928 ug/l
RT: 11.745 min Scan# 3236
Delta R.T. -0.000 min
Lab File: VU051106.D
Acq: 04 Oct 2022 13:25

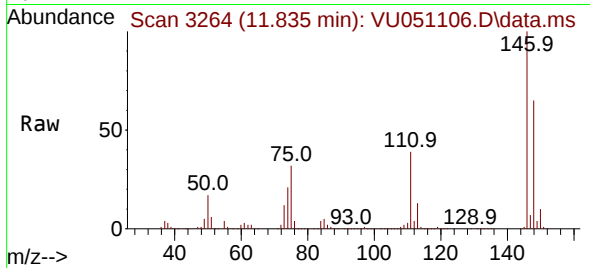
Tgt Ion:146 Resp: 678197
Ion Ratio Lower Upper
146 100
111 41.2 33.4 50.2
148 64.0 51.2 76.8





#83
1,4-Dichlorobenzene
Concen: 17.760 ug/l
RT: 11.835 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU051106.D
Acq: 04 Oct 2022 13:25

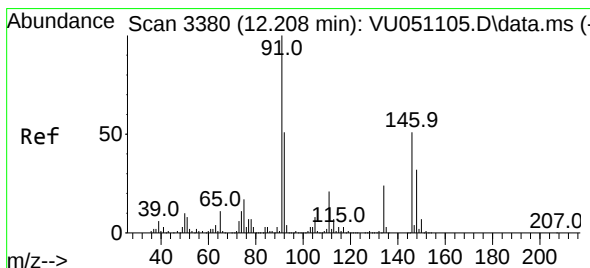
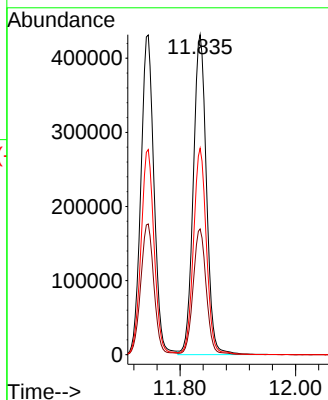
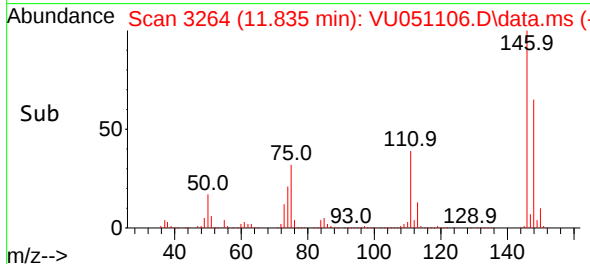
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



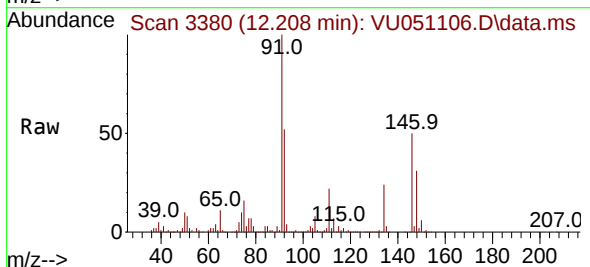
Tgt Ion:146 Resp: 682309
Ion Ratio Lower Upper
146 100
111 39.2 32.6 49.0
148 63.7 51.6 77.4

Manual Integrations
APPROVED

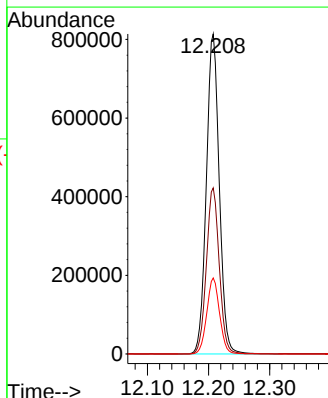
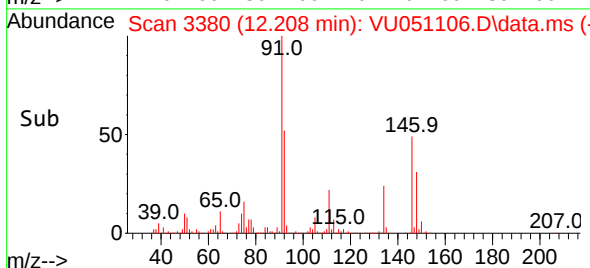
Reviewed By :Krupa Patel 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022

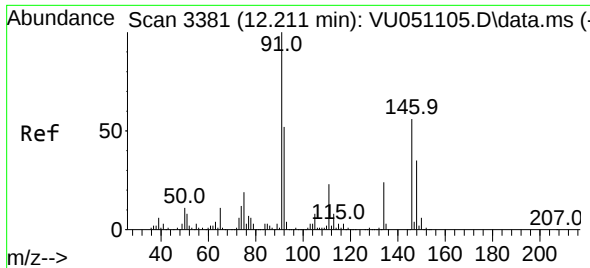


#84
n-Butylbenzene
Concen: 17.355 ug/l
RT: 12.208 min Scan# 3380
Delta R.T. -0.000 min
Lab File: VU051106.D
Acq: 04 Oct 2022 13:25



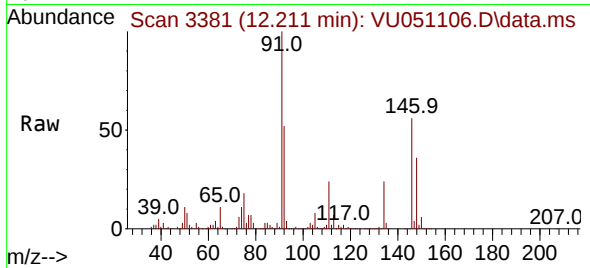
Tgt Ion: 91 Resp: 1193654
Ion Ratio Lower Upper
91 100
92 51.9 42.3 63.5
134 23.5 19.6 29.4





#85
1,2-Dichlorobenzene
Concen: 17.852 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. -0.000 min
Lab File: VU051106.D
Acq: 04 Oct 2022 13:25

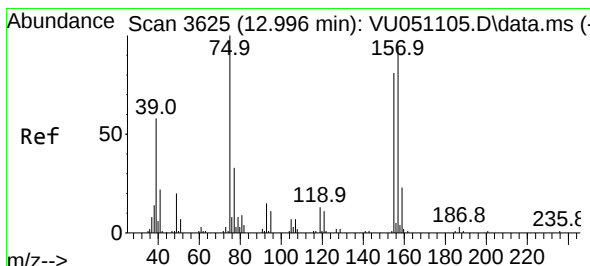
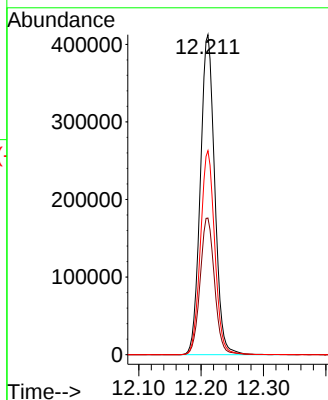
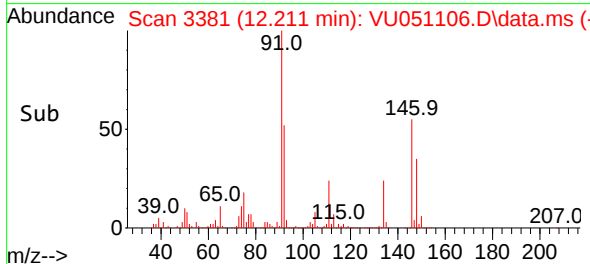
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



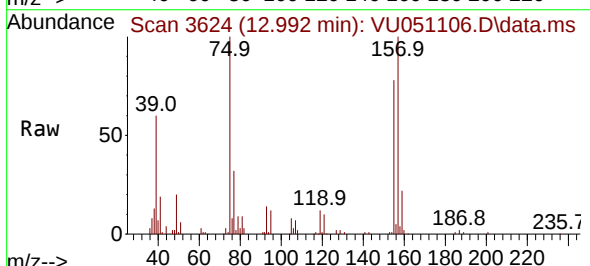
Tgt Ion:146 Resp: 659950
Ion Ratio Lower Upper
146 100
111 42.9 22.1 66.1
148 63.6 32.1 96.3

Manual Integrations
APPROVED

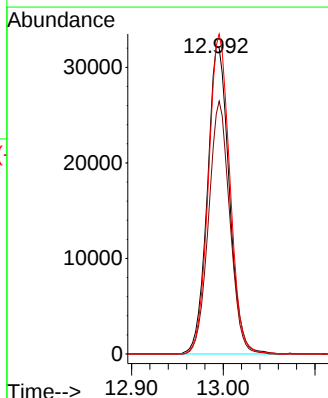
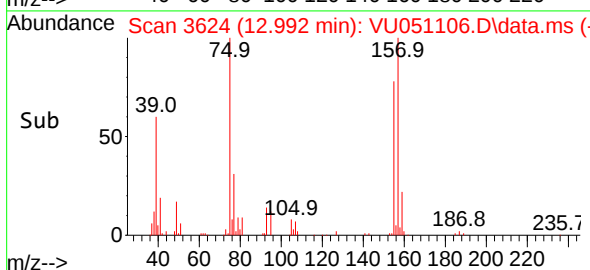
Reviewed By :Krupa Patel 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022

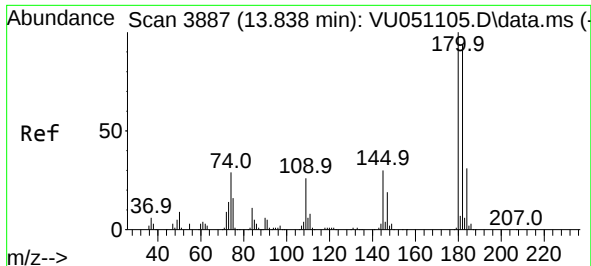


#86
1,2-Dibromo-3-Chloropropane
Concen: 16.741 ug/l
RT: 12.992 min Scan# 3624
Delta R.T. -0.003 min
Lab File: VU051106.D
Acq: 04 Oct 2022 13:25



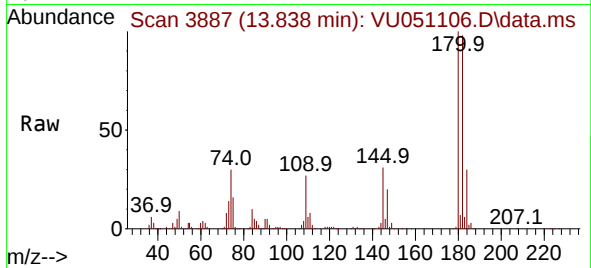
Tgt Ion: 75 Resp: 53471
Ion Ratio Lower Upper
75 100
155 79.3 66.8 100.2
157 101.6 83.8 125.8





#87
1,2,4-Trichlorobenzene
Concen: 15.608 ug/l
RT: 13.838 min Scan# 3887
Delta R.T. -0.000 min
Lab File: VU051106.D
Acq: 04 Oct 2022 13:25

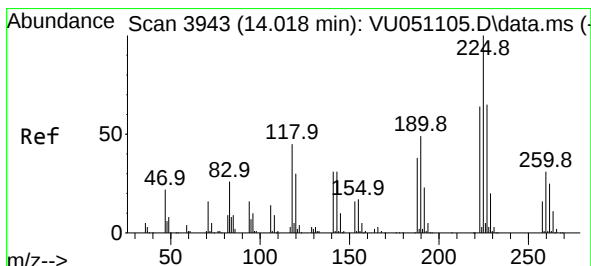
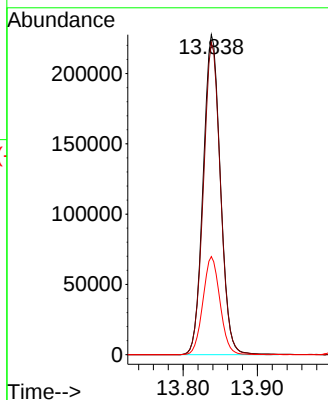
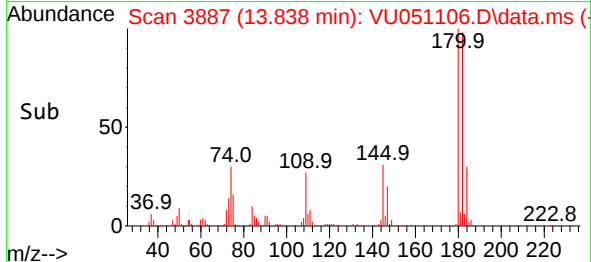
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



Tgt Ion:180 Resp: 366252
Ion Ratio Lower Upper
180 100
182 96.6 77.0 115.6
145 30.4 25.7 38.5

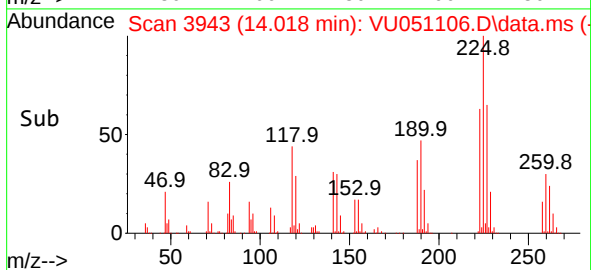
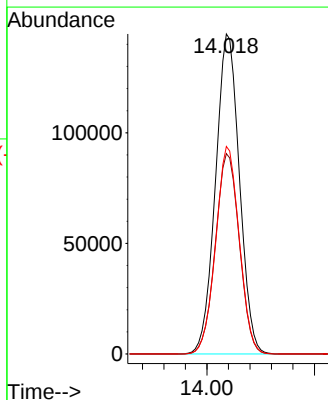
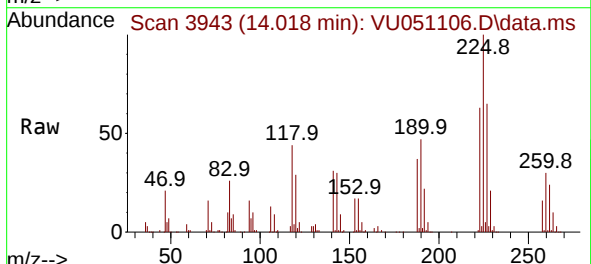
Manual Integrations
APPROVED

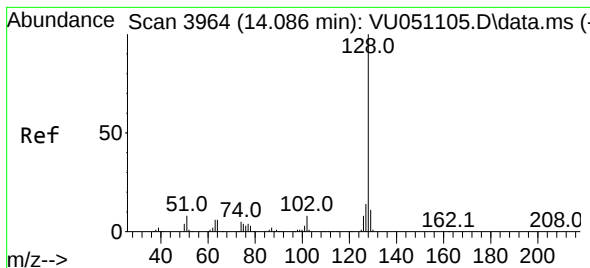
Reviewed By :Krupa Patel 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022



#88
Hexachlorobutadiene
Concen: 17.870 ug/l
RT: 14.018 min Scan# 3943
Delta R.T. -0.000 min
Lab File: VU051106.D
Acq: 04 Oct 2022 13:25

Tgt Ion:225 Resp: 223500
Ion Ratio Lower Upper
225 100
223 62.8 50.6 76.0
227 63.9 50.7 76.1





#89

Naphthalene

Concen: 15.789 ug/l

RT: 14.086 min Scan# 3964

Delta R.T. -0.000 min

Lab File: VU051106.D

Acq: 04 Oct 2022 13:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015

Tgt Ion:128 Resp: 769498

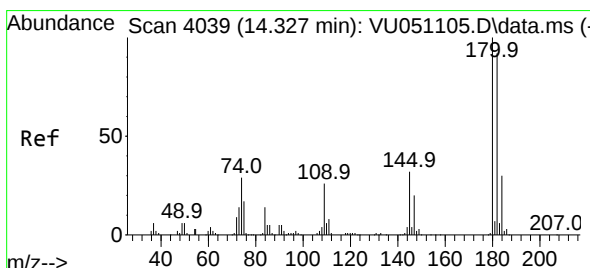
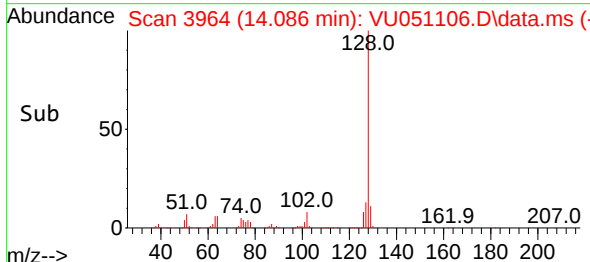
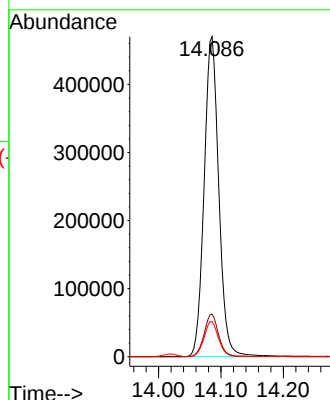
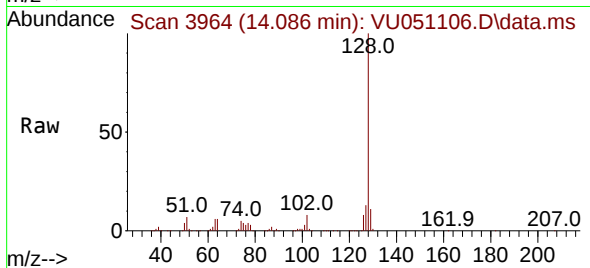
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.1	15.1
129	10.8	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/05/2022

Supervised By :Mahesh Dadoda 10/05/2022



#90

1,2,3-Trichlorobenzene

Concen: 16.658 ug/l

RT: 14.327 min Scan# 4039

Delta R.T. -0.000 min

Lab File: VU051106.D

Acq: 04 Oct 2022 13:25

Tgt Ion:180 Resp: 381324

Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.6	114.8
145	32.4	27.3	40.9

