

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111723\
 Data File : VY016407.D
 Acq On : 17 Nov 2023 13:09
 Operator : SY/MD
 Sample : VY1117SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1117SBS01

Quant Time: Nov 18 05:17:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/20/2023
 Supervised By : Mahesh Dadoda 11/20/2023

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	148717	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.691	114	243547	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.489	117	212865	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.428	152	101271	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	68587	50.461	ug/l	-0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.920%			
35) Dibromofluoromethane	7.715	113	73309	52.988	ug/l	-0.02
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.980%			
50) Toluene-d8	10.178	98	283141	50.467	ug/l	-0.01
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.940%			
62) 4-Bromofluorobenzene	12.483	95	93717	51.432	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 102.860%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.899	85	28477	19.556	ug/l	95
3) Chloromethane	2.113	50	31205	18.298	ug/l	100
4) Vinyl Chloride	2.247	62	32214	17.566	ug/l	99
5) Bromomethane	2.643	94	21340	17.707	ug/l	96
6) Chloroethane	2.790	64	21971	18.776	ug/l	99
7) Trichlorofluoromethane	3.119	101	54114	20.282	ug/l	99
8) Diethyl Ether	3.527	74	16093	20.182	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.893	101	32268	20.080	ug/l	96
10) Methyl Iodide	4.088	142	31851	18.352	ug/l	97
11) Tert butyl alcohol	4.942	59	10288	96.658	ug/l #	85
12) 1,1-Dichloroethene	3.869	96	29371	19.544	ug/l	88
13) Acrolein	3.722	56	11462	89.280	ug/l	95
14) Allyl chloride	4.472	41	39960	18.737	ug/l #	91
15) Acrylonitrile	5.155	53	31566	99.750	ug/l	98
16) Acetone	3.942	43	26997	120.077	ug/l #	89
17) Carbon Disulfide	4.192	76	75357	16.619	ug/l	99
18) Methyl Acetate	4.472	43	24169	20.230	ug/l #	90
19) Methyl tert-butyl Ether	5.216	73	71612	19.688	ug/l	99
20) Methylene Chloride	4.710	84	55104	33.549	ug/l	88
21) trans-1,2-Dichloroethene	5.216	96	33493	19.356	ug/l	94
22) Diisopropyl ether	6.112	45	91735	19.959	ug/l	88
23) Vinyl Acetate	6.057	43	210908	94.705	ug/l #	92
24) 1,1-Dichloroethane	6.008	63	57835	20.397	ug/l	94
25) 2-Butanone	6.984	43	41019	104.161	ug/l #	87
26) 2,2-Dichloropropane	6.978	77	52741	20.437	ug/l	95
27) cis-1,2-Dichloroethene	6.984	96	38859	20.839	ug/l	90
28) Bromochloromethane	7.331	49	20788	19.810	ug/l #	82
29) Tetrahydrofuran	7.350	42	23872	91.713	ug/l #	85
30) Chloroform	7.502	83	63073	21.371	ug/l	100
31) Cyclohexane	7.783	56	47488	17.746	ug/l	87
32) 1,1,1-Trichloroethane	7.703	97	56894	21.030	ug/l	96
36) 1,1-Dichloropropene	7.917	75	46279	19.264	ug/l	99
37) Ethyl Acetate	7.069	43	18382	18.938	ug/l #	93
38) Carbon Tetrachloride	7.898	117	52355	20.999	ug/l	99
39) Methylcyclohexane	9.185	83	54247	18.122	ug/l	91
40) Benzene	8.161	78	136662	20.248	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	8079	16.507	ug/l	86
42) 1,2-Dichloroethane	8.240	62	35986	20.578	ug/l	92
43) Isopropyl Acetate	8.270	43	34319	18.291	ug/l #	87
44) Trichloroethene	8.941	130	39357	20.290	ug/l	99
45) 1,2-Dichloropropane	9.215	63	33334	20.565	ug/l	95
46) Dibromomethane	9.307	93	17998	20.490	ug/l	98
47) Bromodichloromethane	9.496	83	47050	20.835	ug/l	96
48) Methyl methacrylate	9.294	41	18256	17.605	ug/l #	83
49) 1,4-Dioxane	9.307	88	3388	363.310	ug/l #	62
51) 4-Methyl-2-Pentanone	10.069	43	88596	93.379	ug/l	90
52) Toluene	10.246	92	86226	20.210	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	44247	20.212	ug/l	99
54) cis-1,3-Dichloropropene	9.928	75	53972	20.641	ug/l #	89
55) 1,1,2-Trichloroethane	10.648	97	25688	21.218	ug/l	94
56) Ethyl methacrylate	10.514	69	22153	19.384	ug/l #	83
57) 1,3-Dichloropropane	10.794	76	42270	20.483	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	72692	93.805	ug/l	90
59) 2-Hexanone	10.831	43	67252	95.295	ug/l	87
60) Dibromochloromethane	10.983	129	32482	21.452	ug/l	98
61) 1,2-Dibromoethane	11.093	107	23829	20.659	ug/l	99
64) Tetrachloroethene	10.721	164	39485	20.659	ug/l	97
65) Chlorobenzene	11.520	112	94121	20.695	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	36225	21.596	ug/l	98
67) Ethyl Benzene	11.593	91	165761	20.281	ug/l	99
68) m/p-Xylenes	11.703	106	127662	41.180	ug/l	95
69) o-Xylene	12.032	106	59520	20.679	ug/l	96
70) Styrene	12.044	104	87171	21.151	ug/l	96
71) Bromoform	12.209	173	19020	21.852	ug/l #	96
73) Isopropylbenzene	12.330	105	162005	19.755	ug/l	98
74) N-amyl acetate	12.148	43	28446	17.269	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.587	83	25718	19.544	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	17838m	18.362	ug/l	
77) Bromobenzene	12.611	156	37643	20.310	ug/l	92
78) n-propylbenzene	12.672	91	194327	20.051	ug/l	99
79) 2-Chlorotoluene	12.757	91	106710	19.979	ug/l	98
80) 1,3,5-Trimethylbenzene	12.818	105	133910	20.253	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	8631	19.284	ug/l	90
82) 4-Chlorotoluene	12.855	91	111130	20.136	ug/l	98
83) tert-Butylbenzene	13.080	119	119861	20.581	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	132795	20.398	ug/l	99
85) sec-Butylbenzene	13.257	105	168555	20.259	ug/l	100
86) p-Isopropyltoluene	13.373	119	145997	20.379	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	73230	20.537	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	71921	20.638	ug/l	98
89) n-Butylbenzene	13.696	91	132490	20.025	ug/l	97
90) Hexachloroethane	13.964	117	28293	20.473	ug/l	93
91) 1,2-Dichlorobenzene	13.745	146	63039	20.631	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3778	18.045	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	34702	19.457	ug/l	99
94) Hexachlorobutadiene	15.117	225	22251	21.776	ug/l	97
95) Naphthalene	15.239	128	56895	17.836	ug/l	98
96) 1,2,3-Trichlorobenzene	15.427	180	27802	18.846	ug/l	98

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QLast Update : Thu Nov 09 00:45:52 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

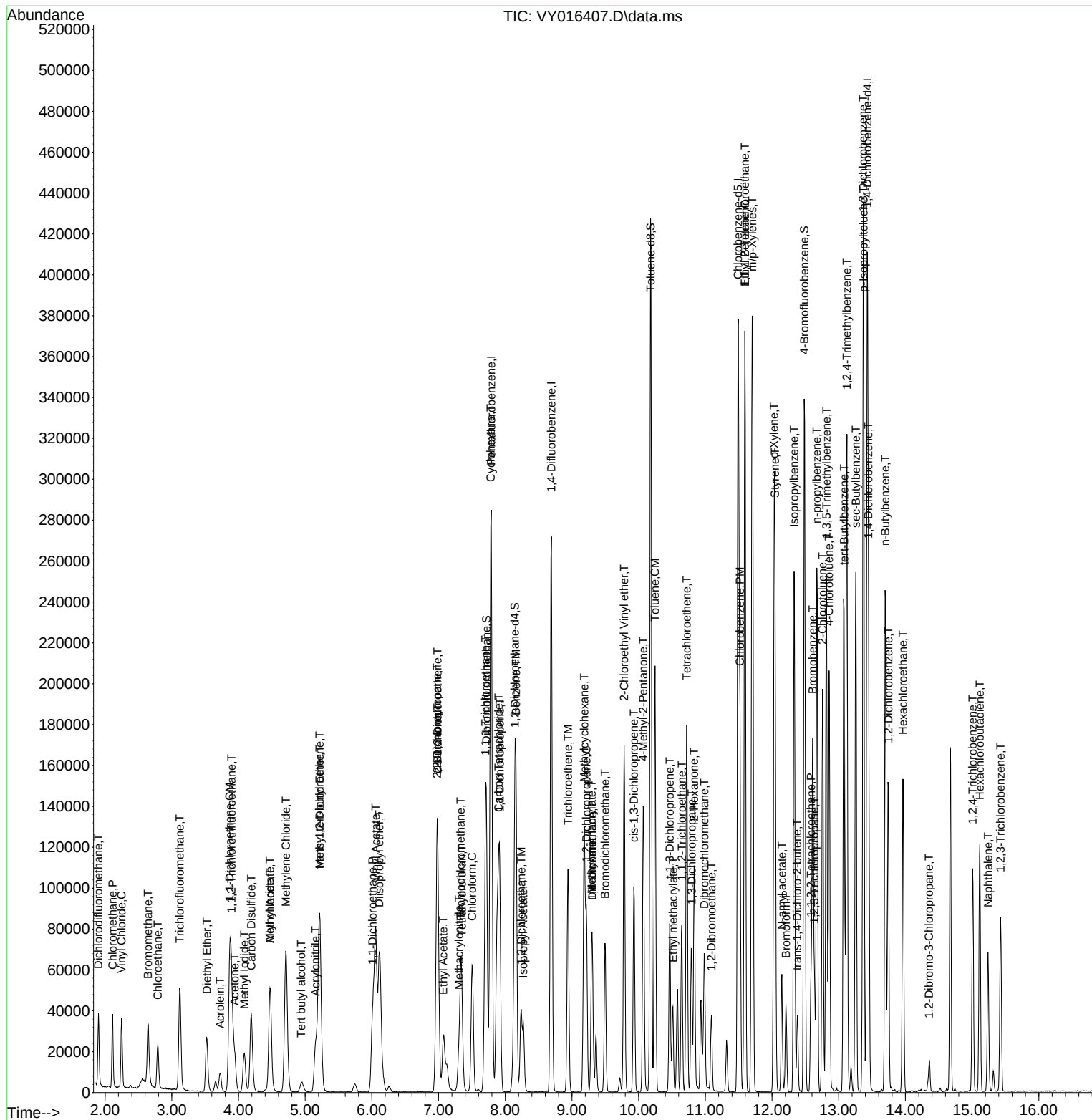
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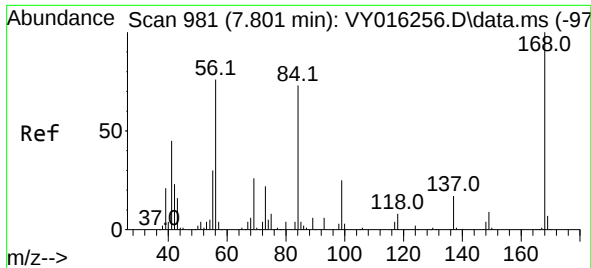
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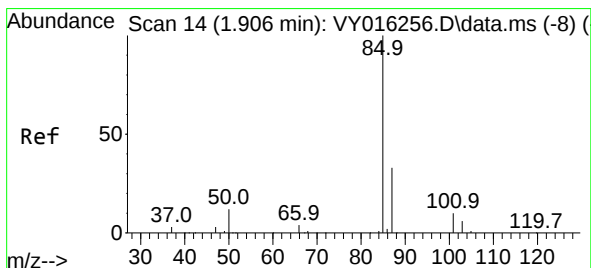
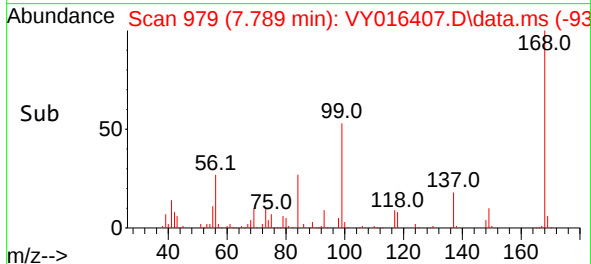
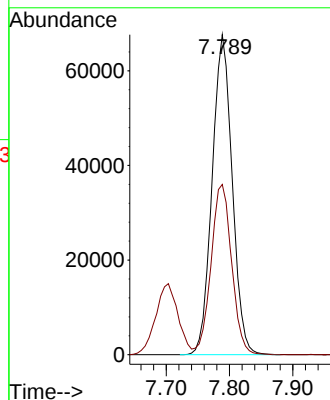
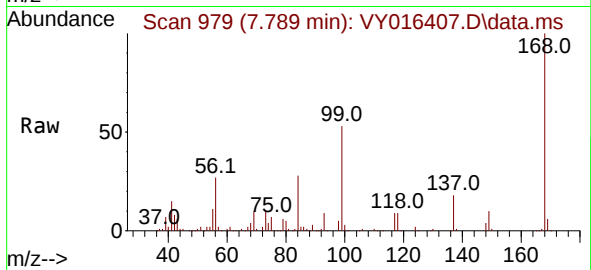
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBS01

Tgt Ion:168 Resp: 14871
Ion Ratio Lower Upper
168 100
99 53.2 43.4 65.0

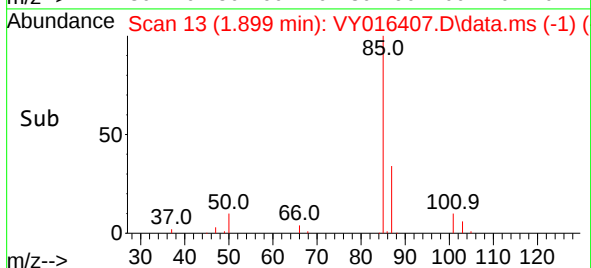
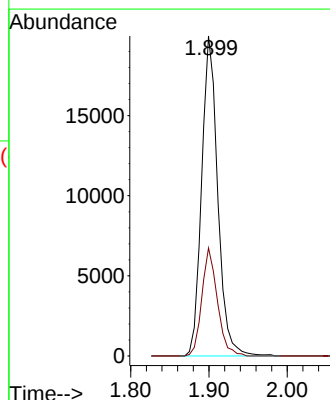
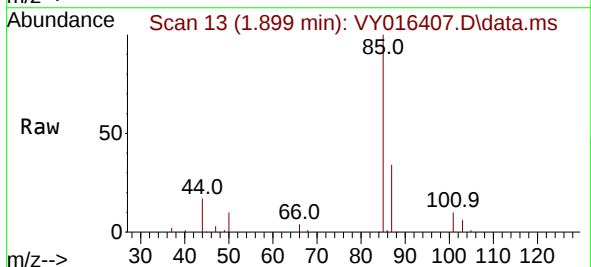
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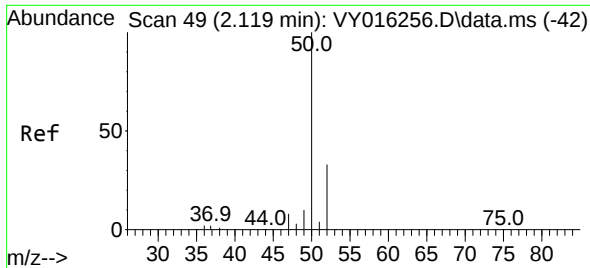
Reviewed By :John Carlone 11/20/2023
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#2
Dichlorodifluoromethane
Concen: 19.556 ug/l
RT: 1.899 min Scan# 13
Delta R.T. -0.007 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

Tgt Ion: 85 Resp: 28477
Ion Ratio Lower Upper
85 100
87 33.7 15.6 46.8





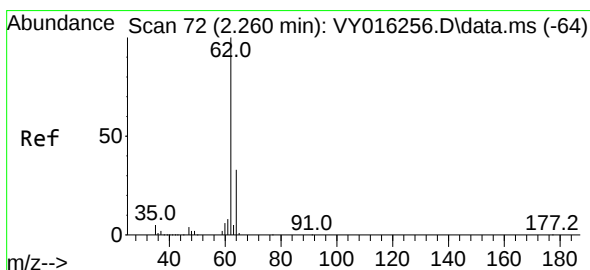
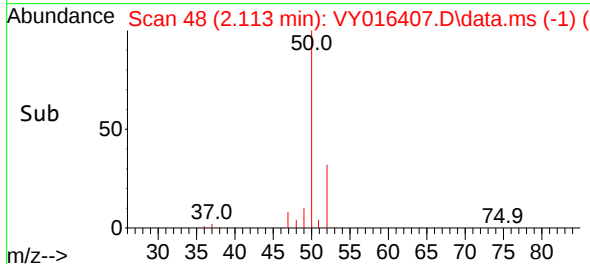
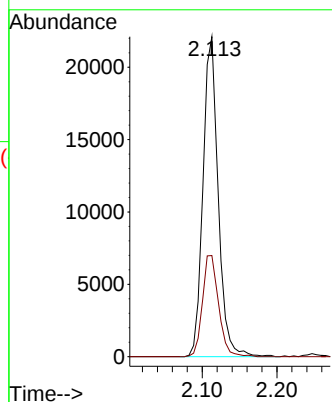
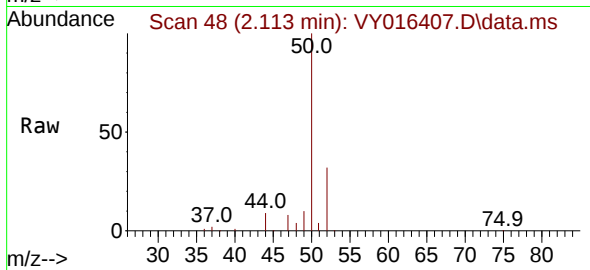
#3
Chloromethane
Concen: 18.298 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.007 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

Instrument :
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ClientSampleId :
VY1117SBS01

Tgt Ion: 50 Resp: 3120
Ion Ratio Lower Upper
50 100
52 31.6 25.4 38.2

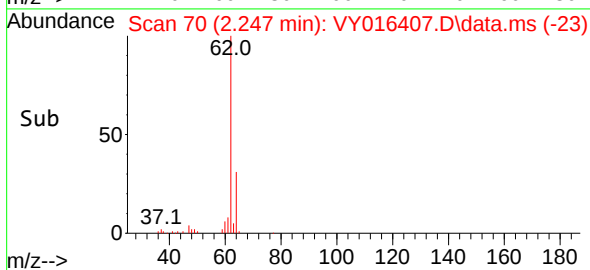
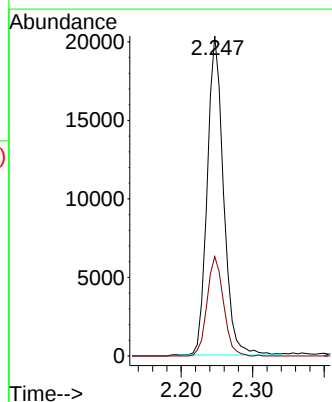
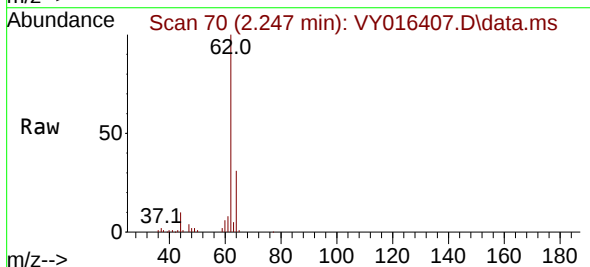
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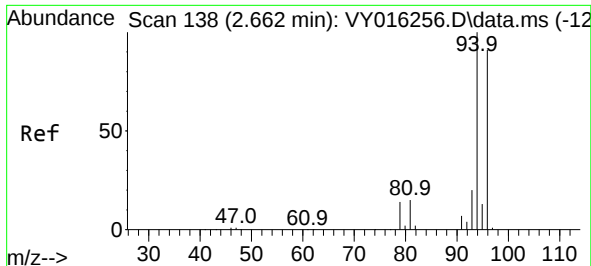
Reviewed By :John Carlone 11/20/2023
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#4
Vinyl Chloride
Concen: 17.566 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.013 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

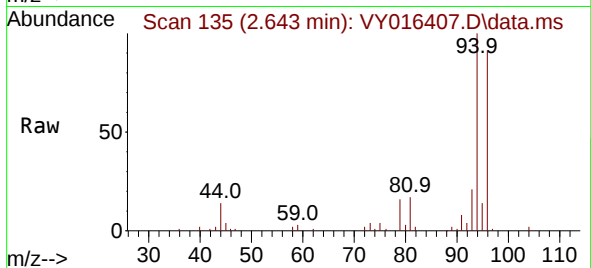
Tgt Ion: 62 Resp: 32214
Ion Ratio Lower Upper
62 100
64 31.1 24.3 36.5





#5
Bromomethane
Concen: 17.707 ug/l
RT: 2.643 min Scan# 11
Delta R.T. -0.019 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

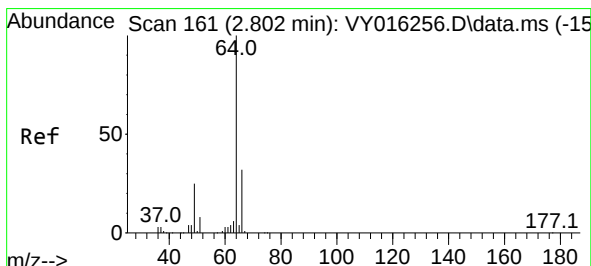
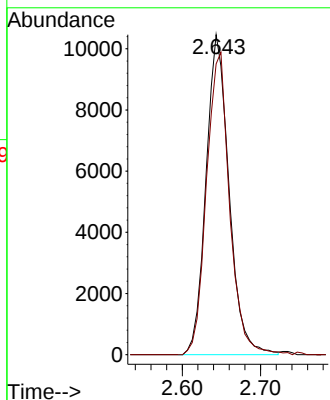
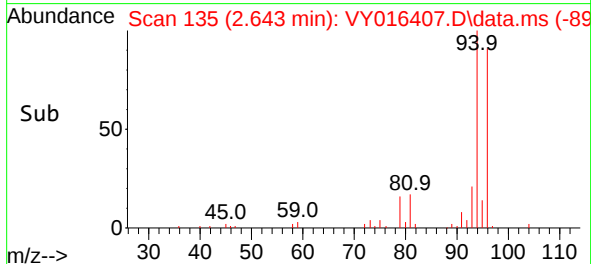
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Tgt Ion: 94 Resp: 21340
Ion Ratio Lower Upper
94 100
96 90.9 75.8 113.6

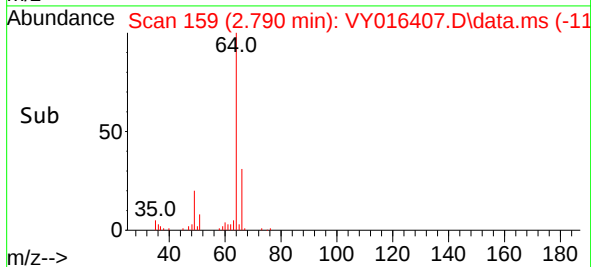
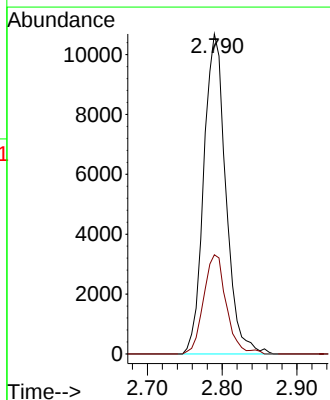
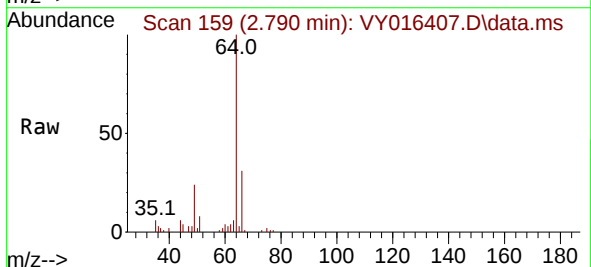
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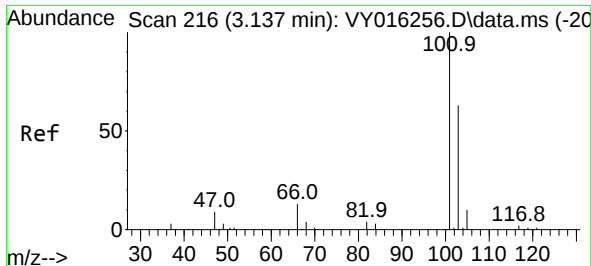
Reviewed By :John Carlone 11/20/2023
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#6
Chloroethane
Concen: 18.776 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.013 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

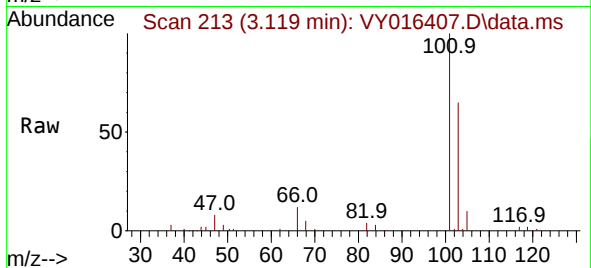
Tgt Ion: 64 Resp: 21971
Ion Ratio Lower Upper
64 100
66 31.0 24.4 36.6





#7
Trichlorofluoromethane
Concen: 20.282 ug/l
RT: 3.119 min Scan# 216
Delta R.T. -0.019 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

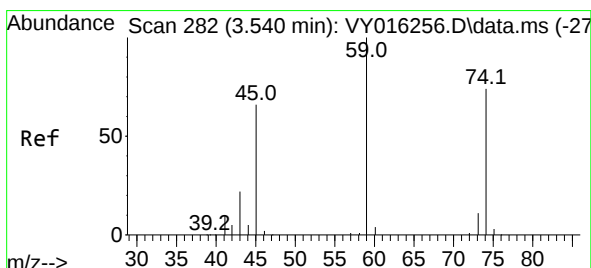
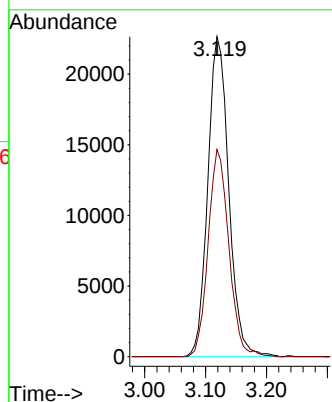
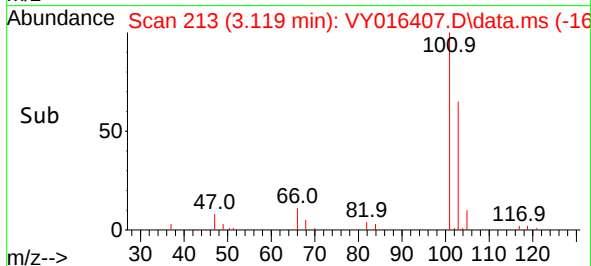
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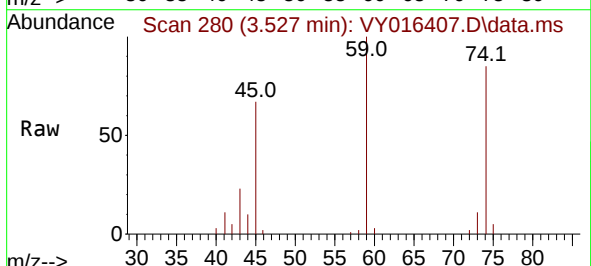
Tgt Ion:101 Resp: 54114
Ion Ratio Lower Upper
101 100
103 64.7 51.4 77.0

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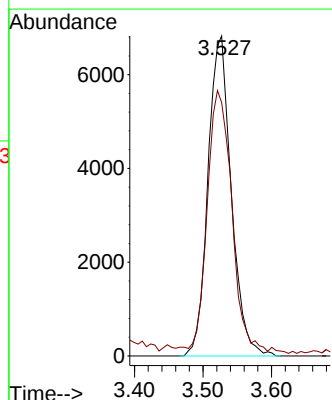
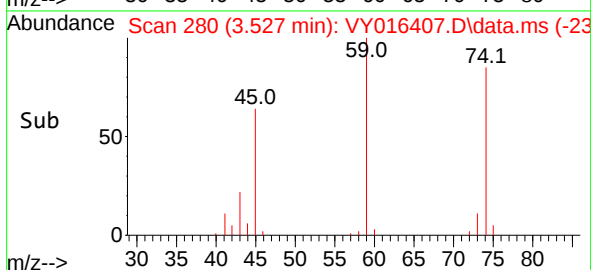
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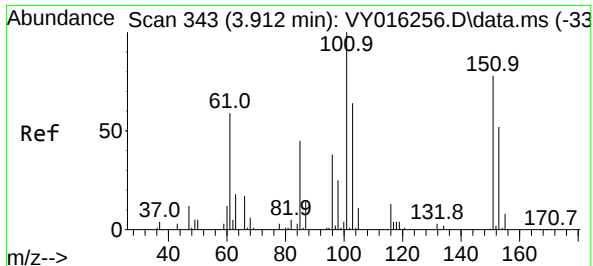


#8
Diethyl Ether
Concen: 20.182 ug/l
RT: 3.527 min Scan# 280
Delta R.T. -0.013 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09



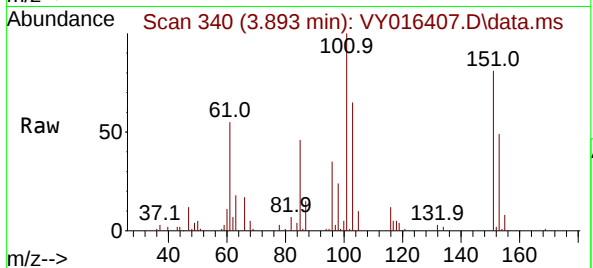
Tgt Ion: 74 Resp: 16093
Ion Ratio Lower Upper
74 100
45 84.9 51.5 154.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.080 ug/l
RT: 3.893 min Scan# 34
Delta R.T. -0.019 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

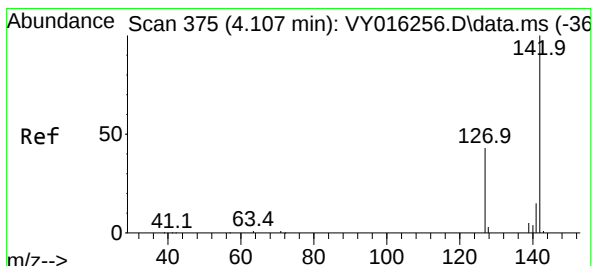
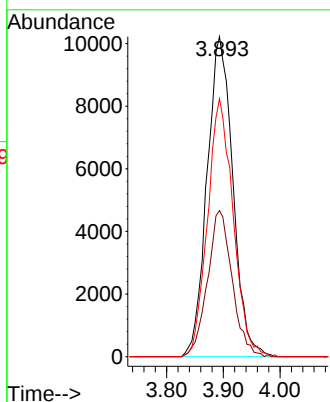
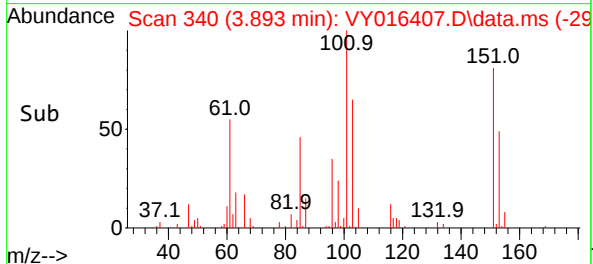
Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBS01



Tgt Ion:101 Resp: 3226
Ion Ratio Lower Upper
101 100
85 43.7 36.6 55.0
151 80.0 67.0 100.6

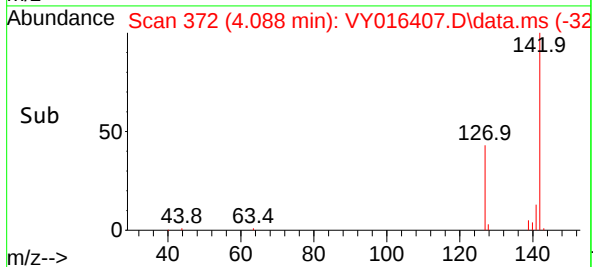
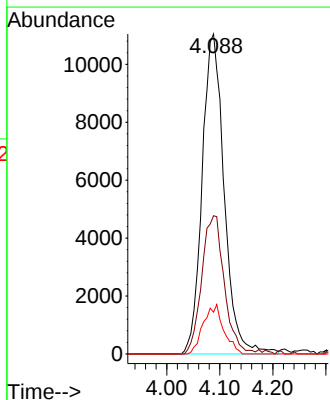
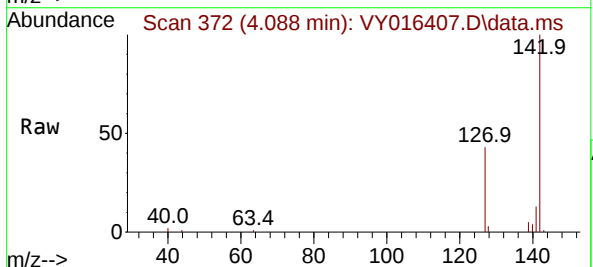
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#10
Methyl Iodide
Concen: 18.352 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.019 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

Tgt Ion:142 Resp: 31851
Ion Ratio Lower Upper
142 100
127 44.2 37.6 56.4
141 14.2 11.8 17.8





#11

Tert butyl alcohol

Concen: 96.658 ug/l

RT: 4.942 min Scan# 51

Delta R.T. -0.031 min

Lab File: VY016407.D

Acq: 17 Nov 2023 13:09

Instrument :

MSVOA_Y

ClientSampleId :

VY1117SBS01

Tgt Ion: 59 Resp: 1028

Ion Ratio Lower Upper

59 100

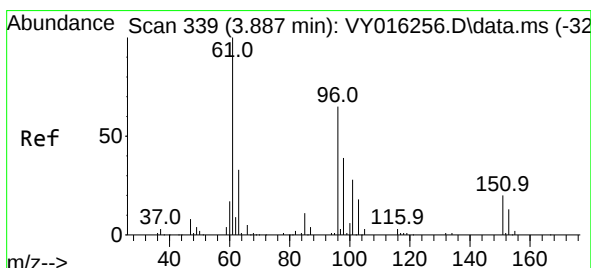
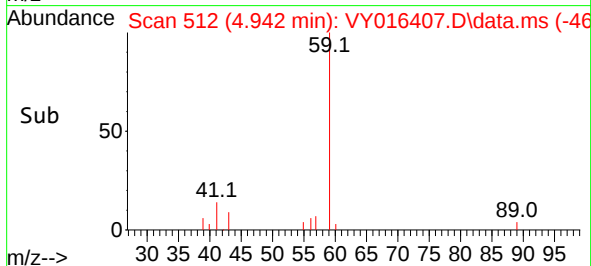
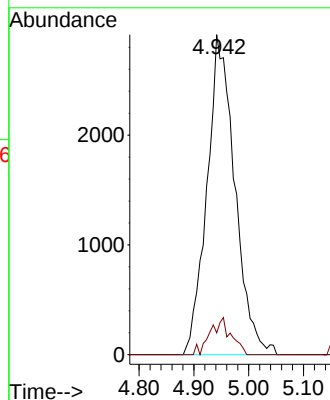
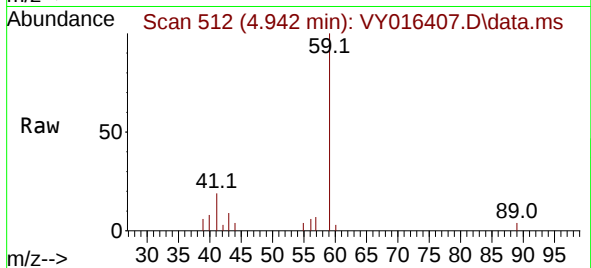
57 8.7 3.0 4.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#12

1,1-Dichloroethene

Concen: 19.544 ug/l

RT: 3.869 min Scan# 336

Delta R.T. -0.019 min

Lab File: VY016407.D

Acq: 17 Nov 2023 13:09

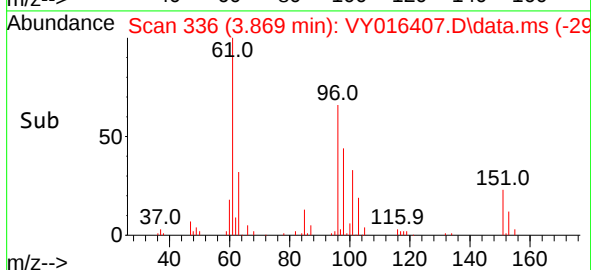
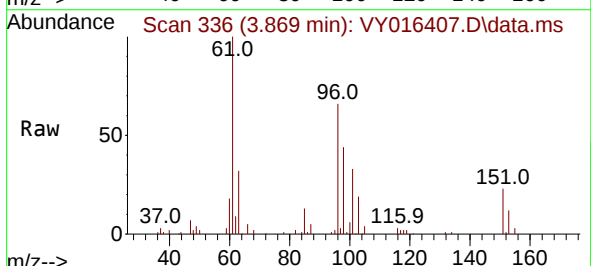
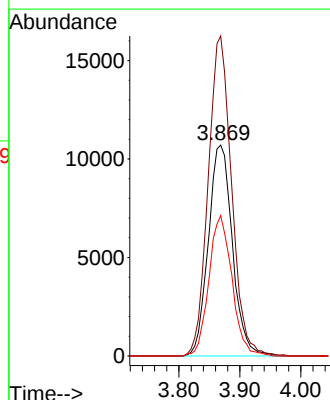
Tgt Ion: 96 Resp: 29371

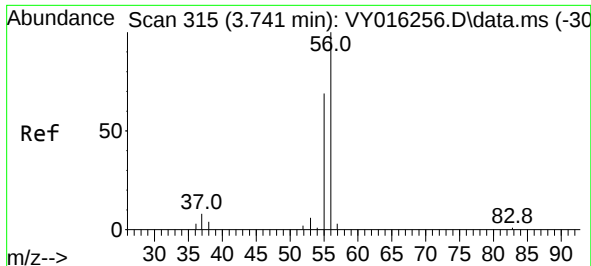
Ion Ratio Lower Upper

96 100

61 151.8 136.4 204.6

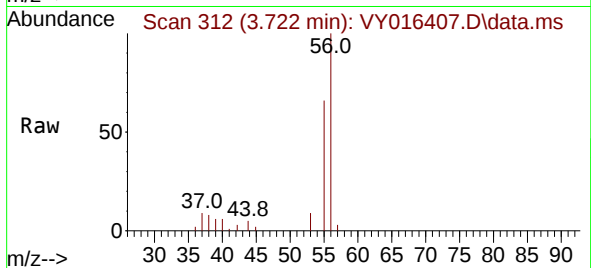
98 66.6 49.4 74.2





#13
Acrolein
Concen: 89.280 ug/l
RT: 3.722 min Scan# 312
Delta R.T. -0.019 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

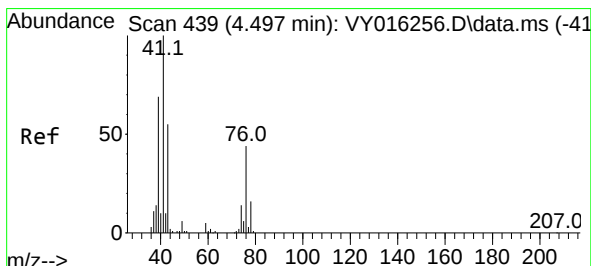
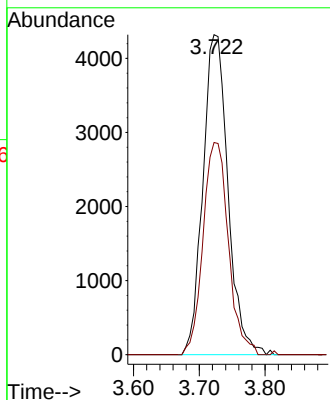
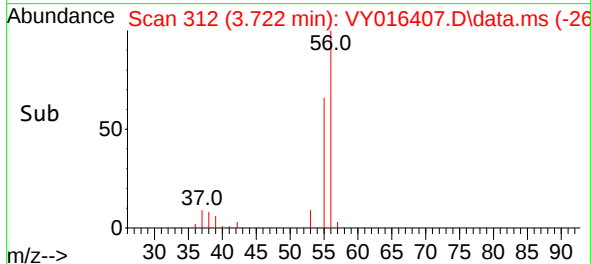
Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBS01



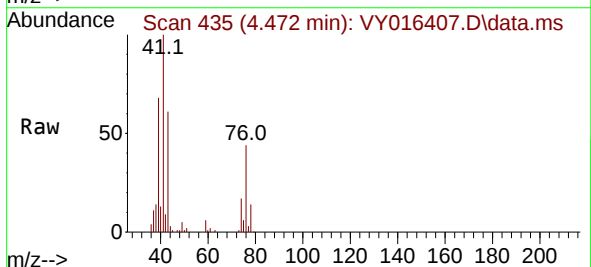
Tgt Ion: 56 Resp: 11462
Ion Ratio Lower Upper
56 100
55 67.0 57.0 85.4

Manual Integrations
APPROVED

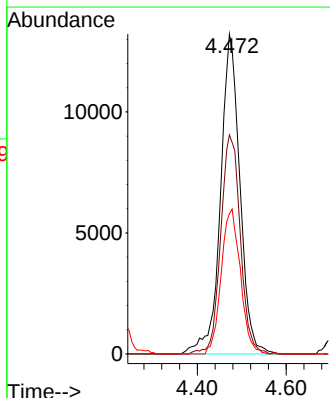
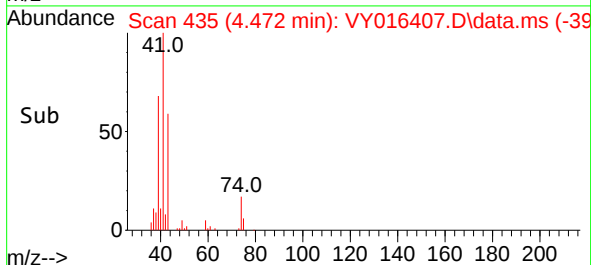
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

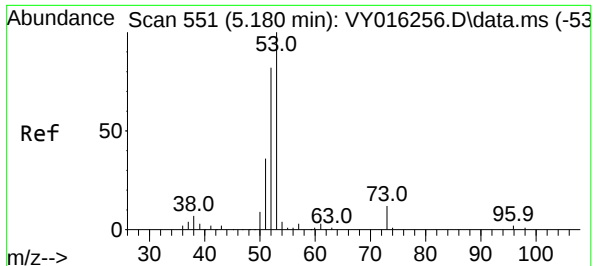


#14
Allyl chloride
Concen: 18.737 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.025 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09



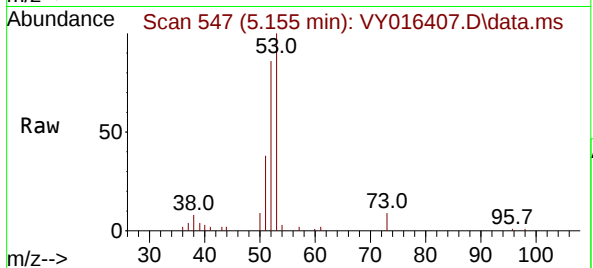
Tgt Ion: 41 Resp: 39960
Ion Ratio Lower Upper
41 100
39 68.9 58.0 87.0
76 44.7 27.4 41.2#





#15
Acrylonitrile
Concen: 99.750 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.025 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

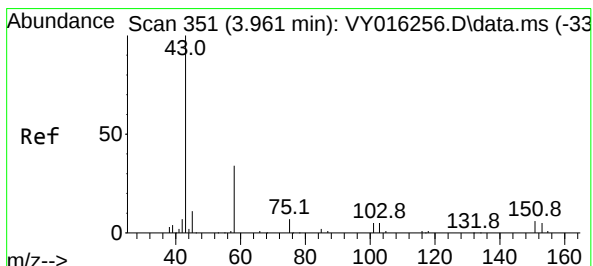
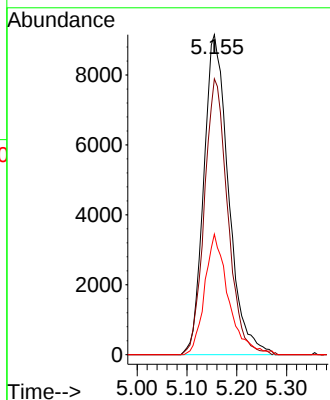
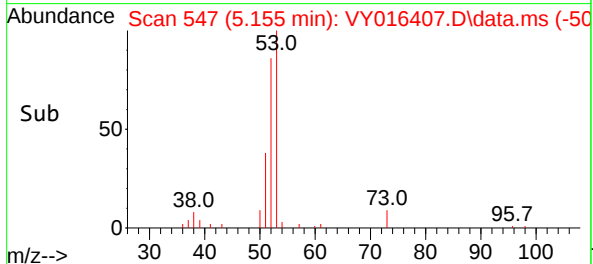
Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBS01



Tgt Ion: 53 Resp: 3156
Ion Ratio Lower Upper
53 100
52 81.5 66.9 100.3
51 36.2 29.8 44.6

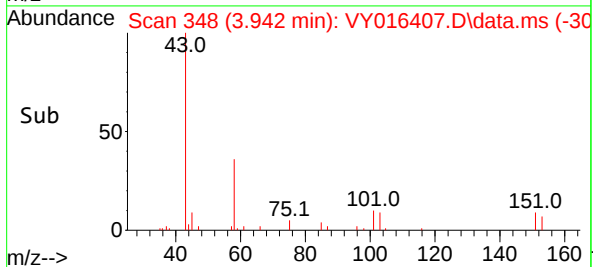
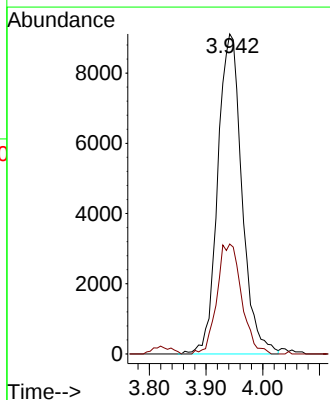
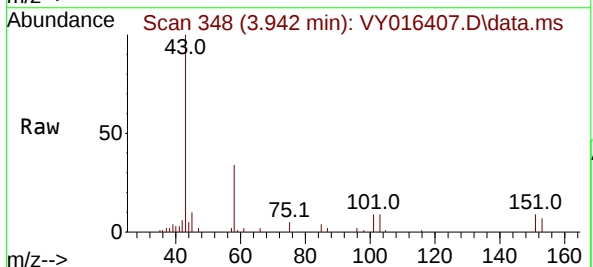
Manual Integrations
APPROVED

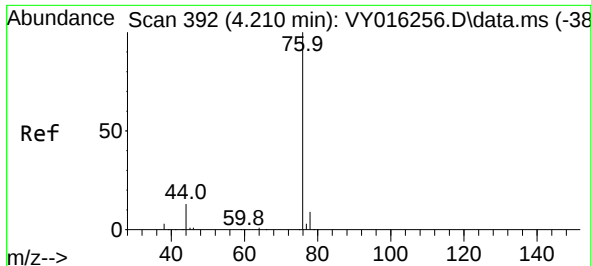
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#16
Acetone
Concen: 120.077 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.019 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

Tgt Ion: 43 Resp: 26997
Ion Ratio Lower Upper
43 100
58 34.3 22.7 34.1#





#17

Carbon Disulfide

Concen: 16.619 ug/l

RT: 4.192 min Scan# 389

Delta R.T. -0.019 min

Lab File: VY016407.D

Acq: 17 Nov 2023 13:09

Instrument :

MSVOA_Y

ClientSampleId :

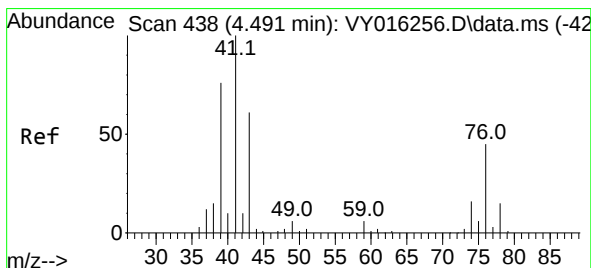
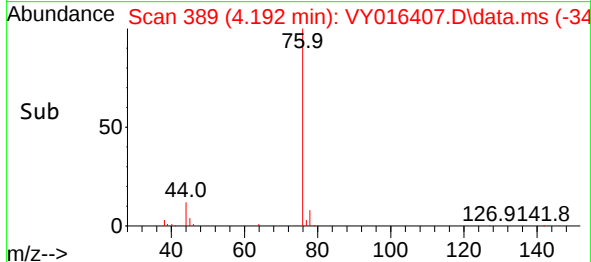
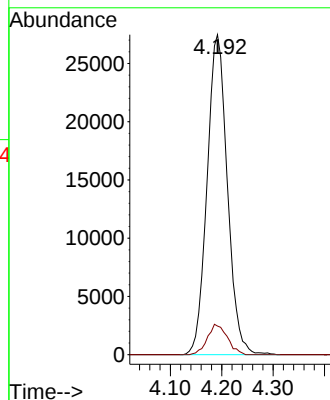
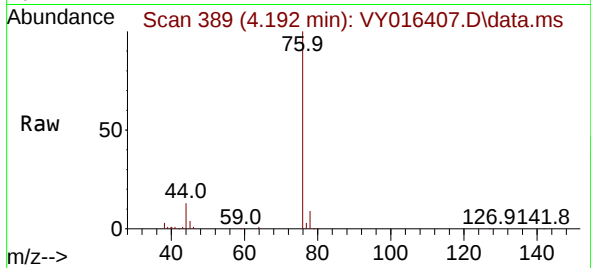
VY1117SBS01

Tgt Ion: 76 Resp: 7535
 Ion Ratio Lower Upper
 76 100
 78 9.0 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023
 Supervised By :Mahesh Dadoda 11/20/2023



#18

Methyl Acetate

Concen: 20.230 ug/l

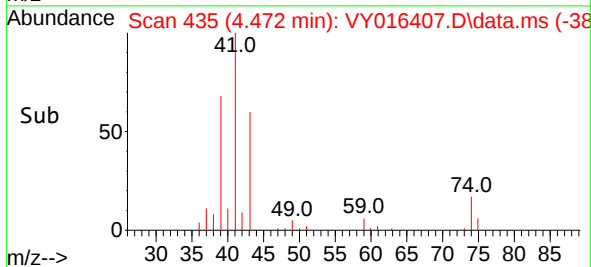
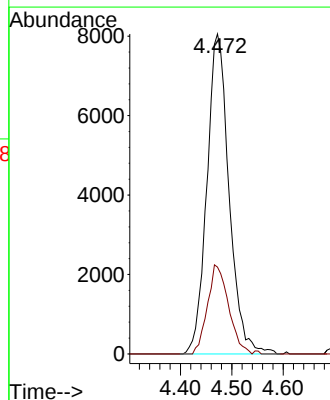
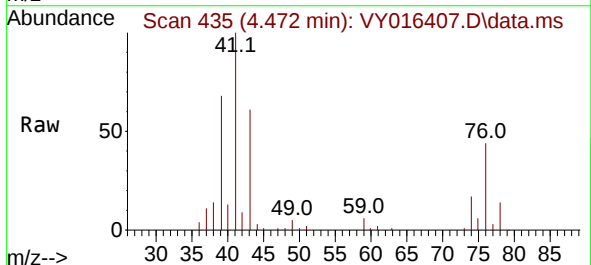
RT: 4.472 min Scan# 435

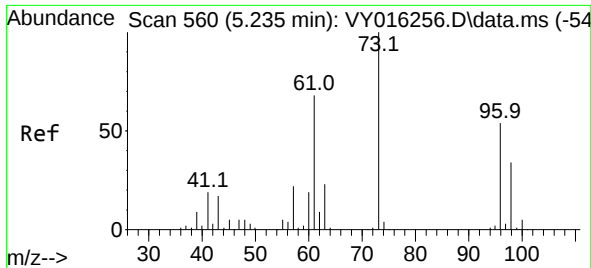
Delta R.T. -0.019 min

Lab File: VY016407.D

Acq: 17 Nov 2023 13:09

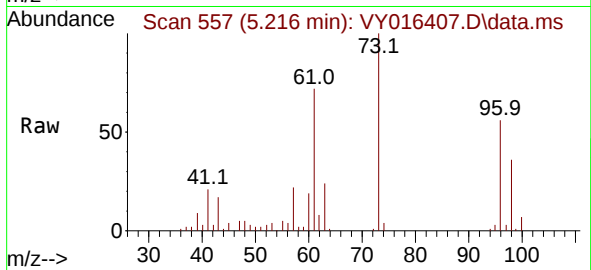
Tgt Ion: 43 Resp: 24169
 Ion Ratio Lower Upper
 43 100
 74 26.4 17.4 26.0#





#19
Methyl tert-butyl Ether
Concen: 19.688 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.019 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

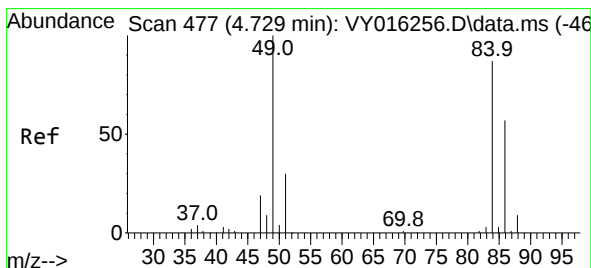
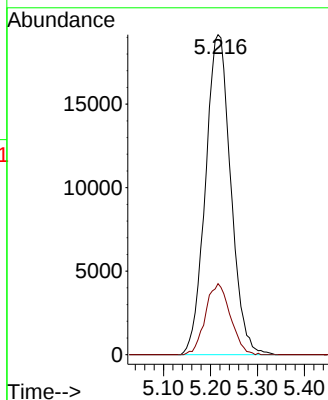
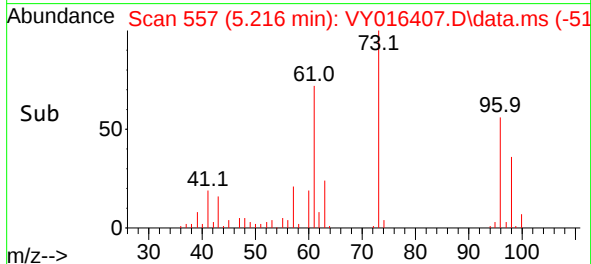
Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBS01



Tgt Ion: 73 Resp: 7161
Ion Ratio Lower Upper
73 100
57 22.2 17.3 25.9

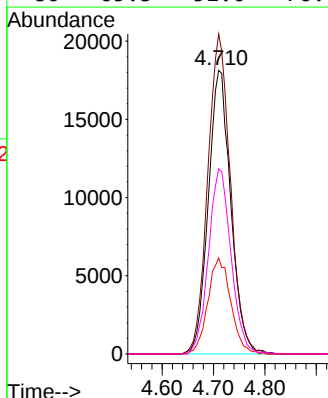
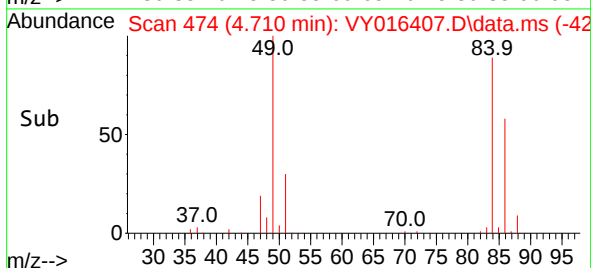
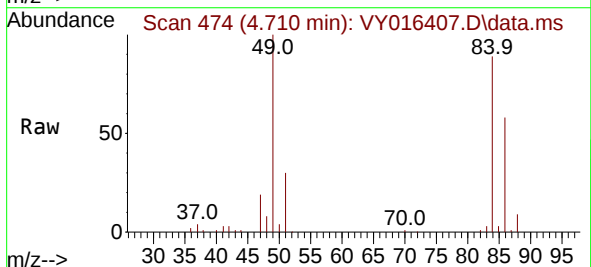
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#20
Methylene Chloride
Concen: 33.549 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.019 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

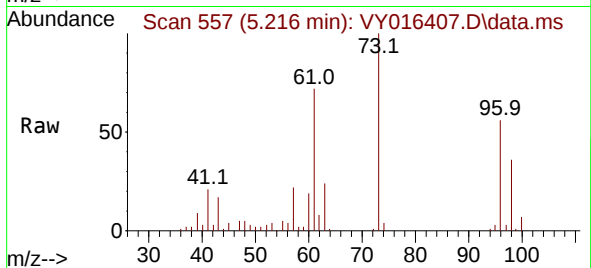
Tgt Ion: 84 Resp: 55104
Ion Ratio Lower Upper
84 100
49 112.8 106.9 160.3
51 33.9 33.2 49.8
86 65.3 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 19.356 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.019 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

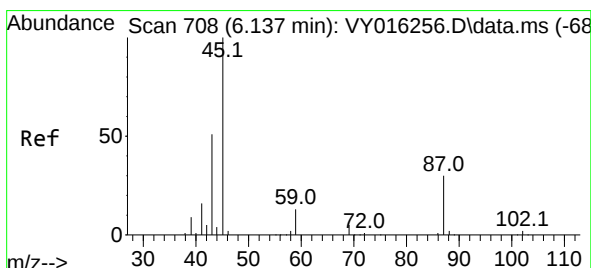
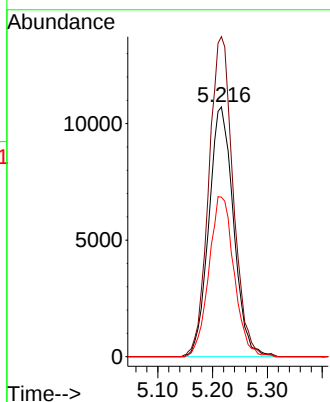
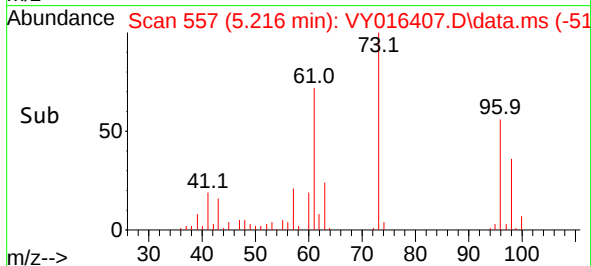
Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBS01



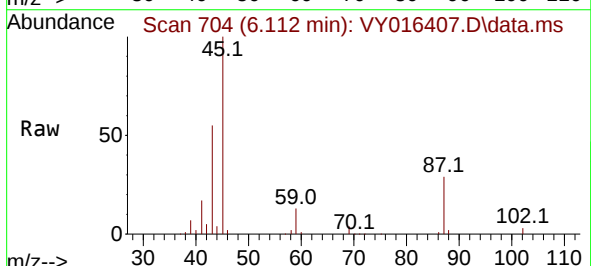
Tgt Ion: 96 Resp: 3349
Ion Ratio Lower Upper
96 100
61 128.2 110.2 165.4
98 63.9 51.8 77.6

Manual Integrations
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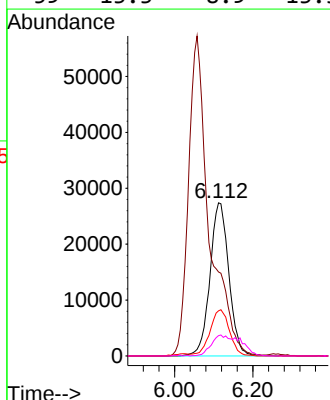
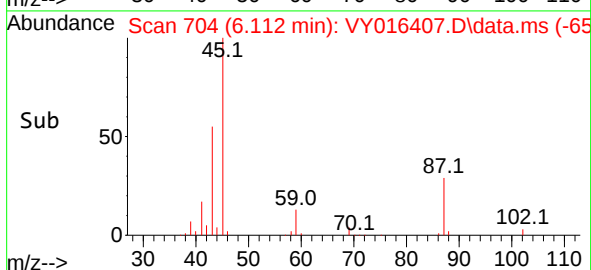
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

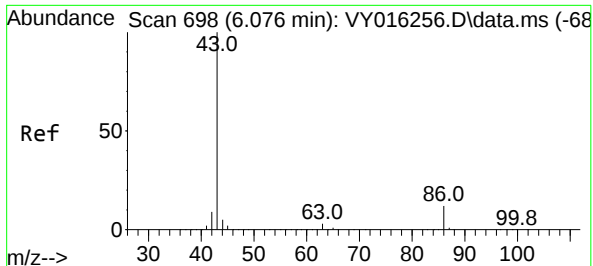


#22
Diisopropyl ether
Concen: 19.959 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.025 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09



Tgt Ion: 45 Resp: 91735
Ion Ratio Lower Upper
45 100
43 53.5 52.2 78.4
87 29.5 21.0 31.6
59 13.3 8.9 13.3





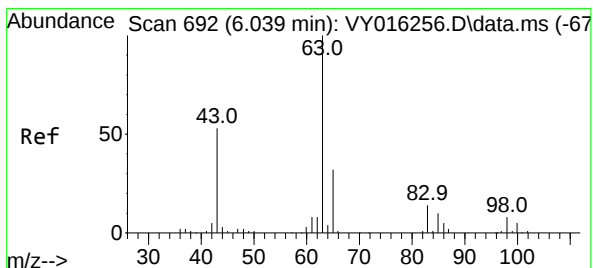
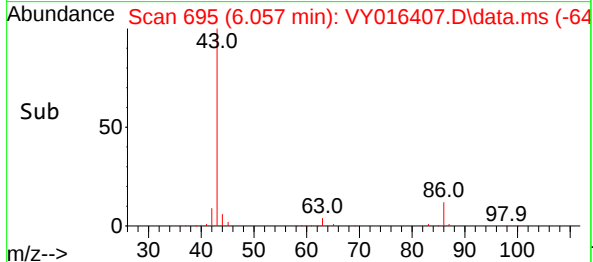
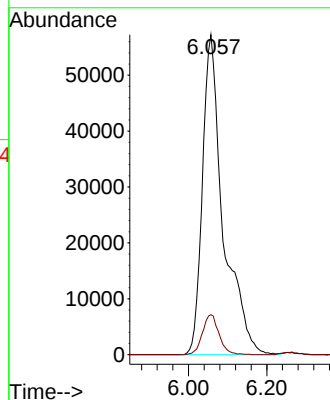
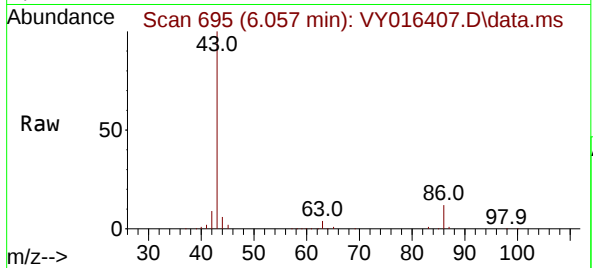
#23
 Vinyl Acetate
 Concen: 94.705 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. -0.019 min
 Lab File: VY016407.D
 Acq: 17 Nov 2023 13:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1117SBS01

Tgt Ion: 43 Resp: 210908
 Ion Ratio Lower Upper
 43 100
 86 12.5 7.5 11.3

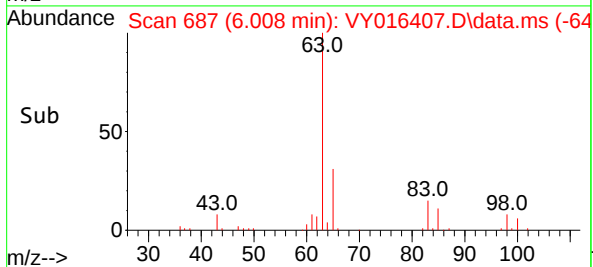
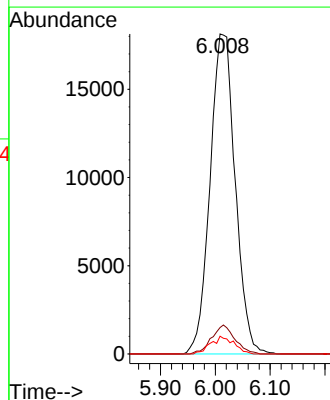
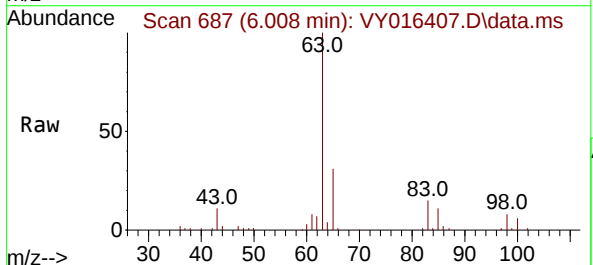
Manual Integrations
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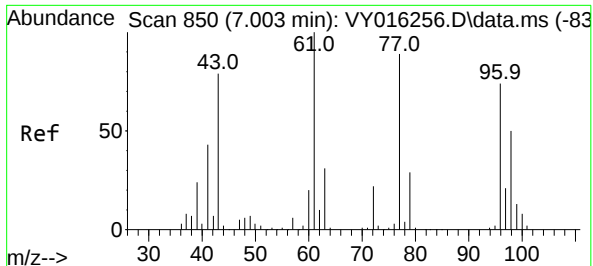
Reviewed By :John Carlone 11/20/2023
 Supervised By :Mahesh Dadoda 11/20/2023



#24
 1,1-Dichloroethane
 Concen: 20.397 ug/l
 RT: 6.008 min Scan# 687
 Delta R.T. -0.031 min
 Lab File: VY016407.D
 Acq: 17 Nov 2023 13:09

Tgt Ion: 63 Resp: 57835
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.1 9.4
 100 5.5 1.8 5.5





#25

2-Butanone

Concen: 104.161 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.019 min

Lab File: VY016407.D

Acq: 17 Nov 2023 13:09

Instrument :

MSVOA_Y

ClientSampleId :

VY1117SBS01

Tgt Ion: 43 Resp: 41019

Ion Ratio Lower Upper

43 100

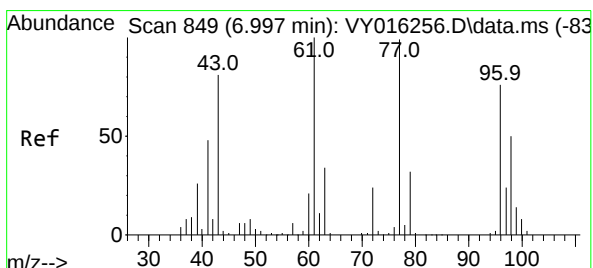
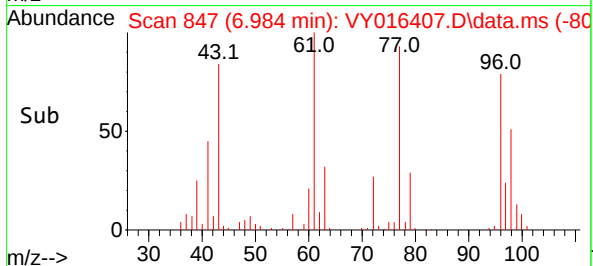
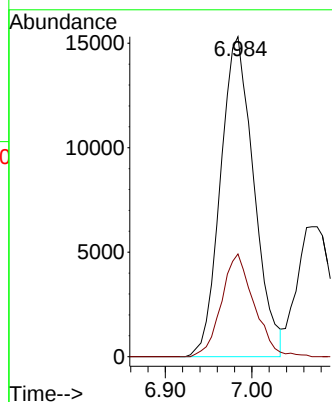
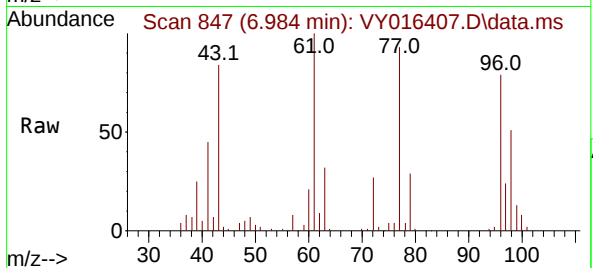
72 32.1 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#26

2,2-Dichloropropane

Concen: 20.437 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.019 min

Lab File: VY016407.D

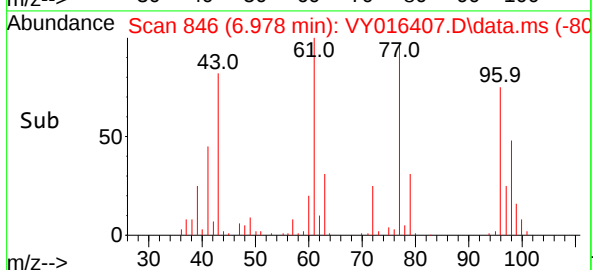
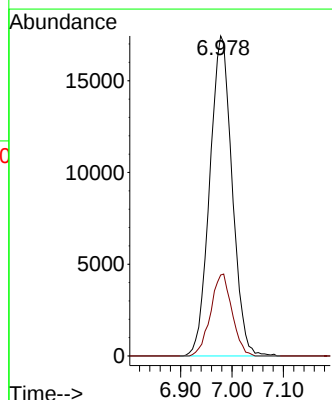
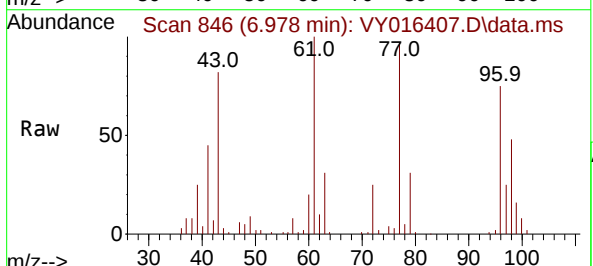
Acq: 17 Nov 2023 13:09

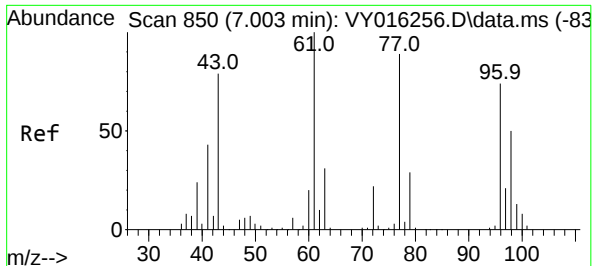
Tgt Ion: 77 Resp: 52741

Ion Ratio Lower Upper

77 100

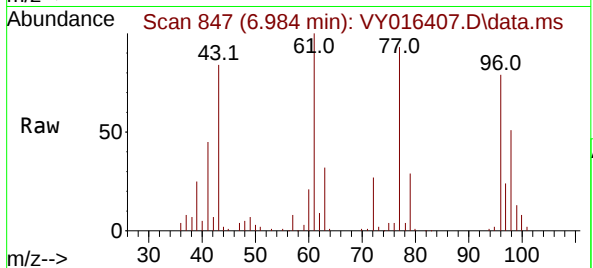
97 24.5 10.9 32.9





#27
 cis-1,2-Dichloroethene
 Concen: 20.839 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. -0.019 min
 Lab File: VY016407.D
 Acq: 17 Nov 2023 13:09

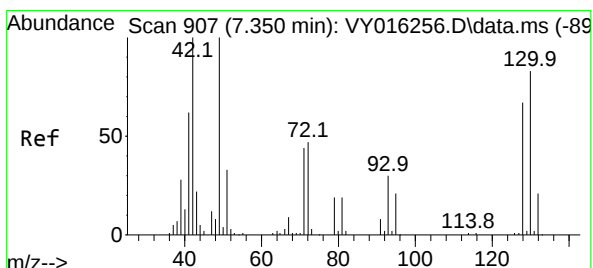
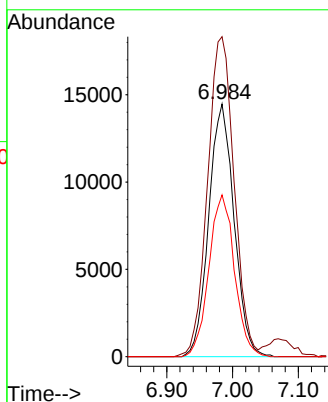
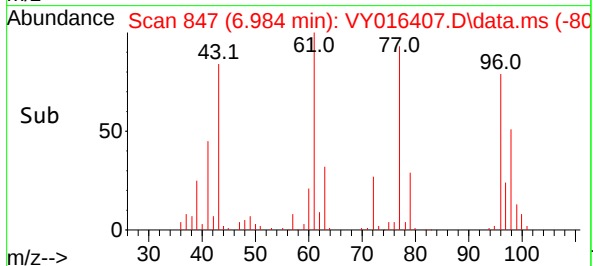
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1117SBS01



Tgt Ion: 96 Resp: 3885
 Ion Ratio Lower Upper
 96 100
 61 132.3 0.0 301.4
 98 64.7 0.0 130.4

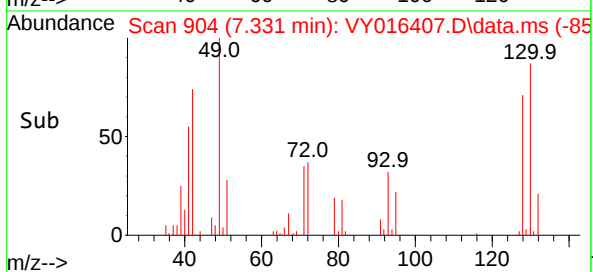
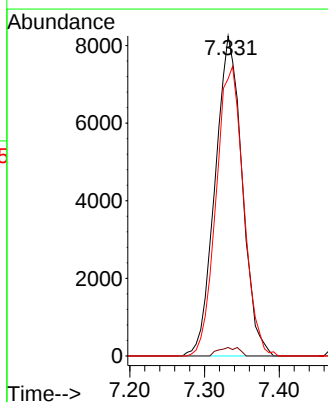
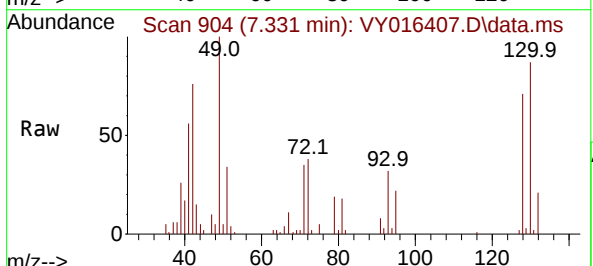
Manual Integrations
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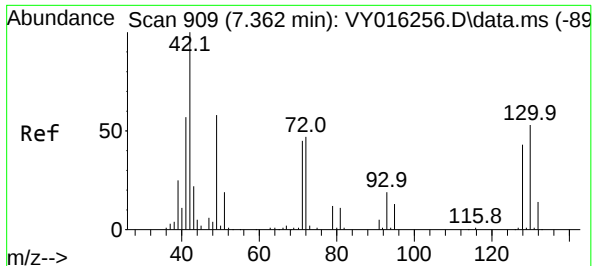
Reviewed By :John Carlone 11/20/2023
 Supervised By :Mahesh Dadoda 11/20/2023



#28
 Bromochloromethane
 Concen: 19.810 ug/l
 RT: 7.331 min Scan# 904
 Delta R.T. -0.019 min
 Lab File: VY016407.D
 Acq: 17 Nov 2023 13:09

Tgt Ion: 49 Resp: 20788
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.6
 130 91.4 60.7 91.1#





#29

Tetrahydrofuran

Concen: 91.713 ug/l

RT: 7.350 min Scan# 907

Delta R.T. -0.013 min

Lab File: VY016407.D

Acq: 17 Nov 2023 13:09

Instrument :

MSVOA_Y

ClientSampleId :

VY1117SBS01

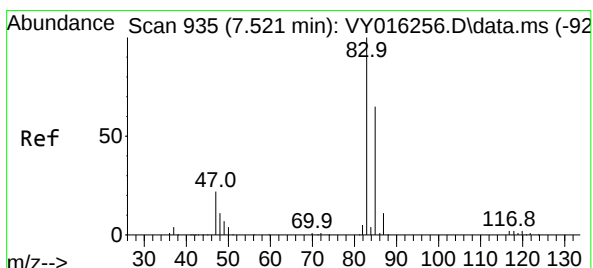
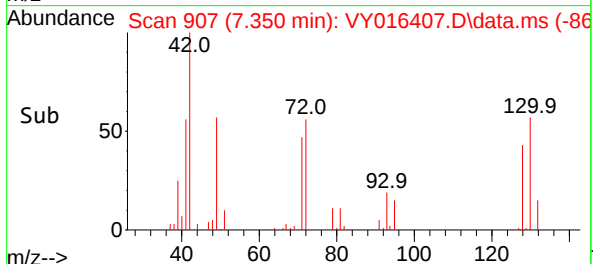
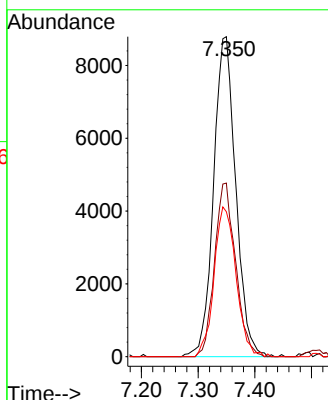
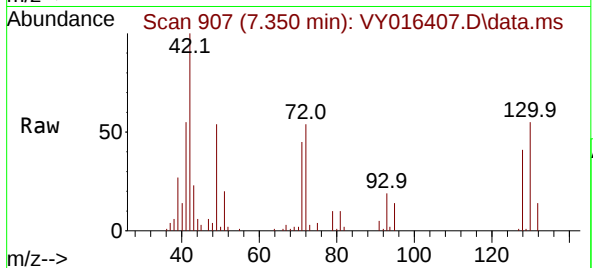
Tgt Ion:	42	Resp:	2387
Ion Ratio	Lower	Upper	
42	100		
72	51.6	32.8	49.2
71	46.5	31.0	46.4

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#30

Chloroform

Concen: 21.371 ug/l

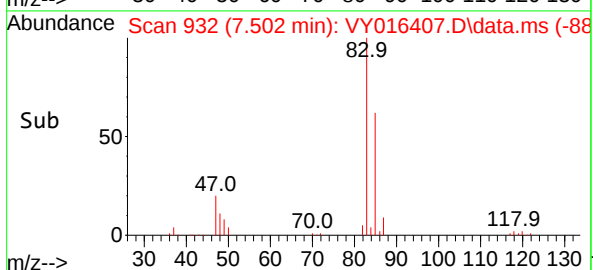
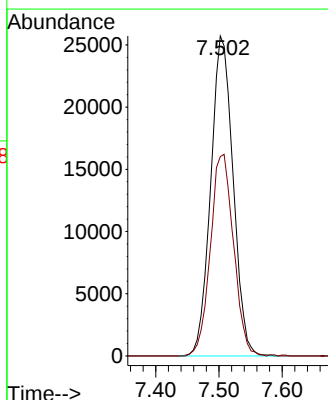
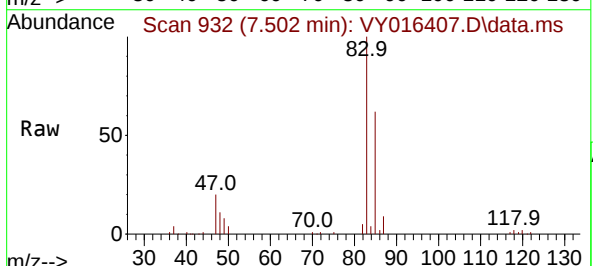
RT: 7.502 min Scan# 932

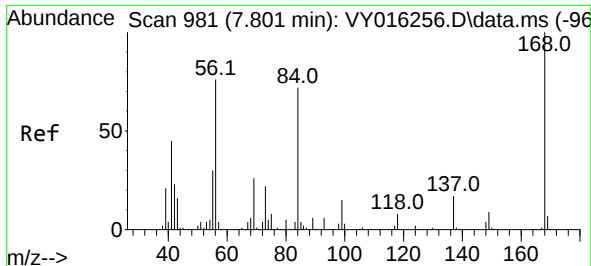
Delta R.T. -0.019 min

Lab File: VY016407.D

Acq: 17 Nov 2023 13:09

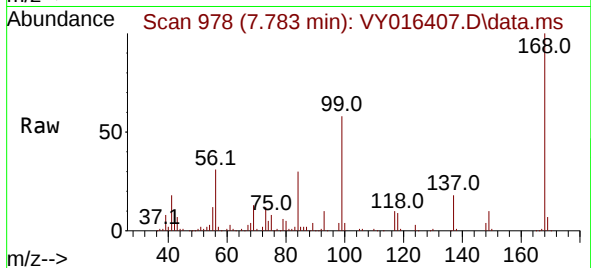
Tgt Ion:	83	Resp:	63073
Ion Ratio	Lower	Upper	
83	100		
85	62.3	49.7	74.5





#31
Cyclohexane
Concen: 17.746 ug/l
RT: 7.783 min Scan# 911
Delta R.T. -0.019 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

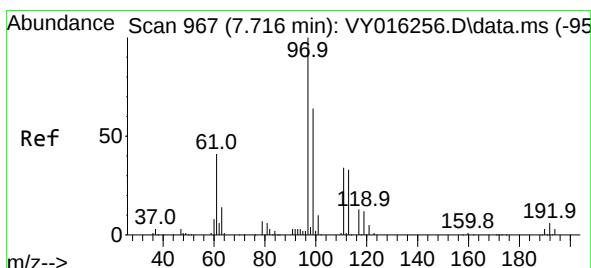
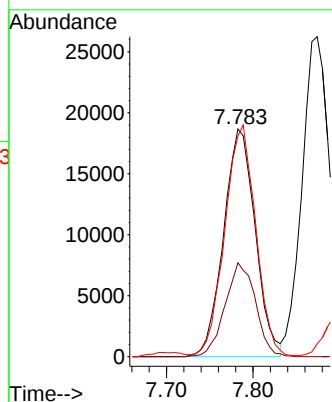
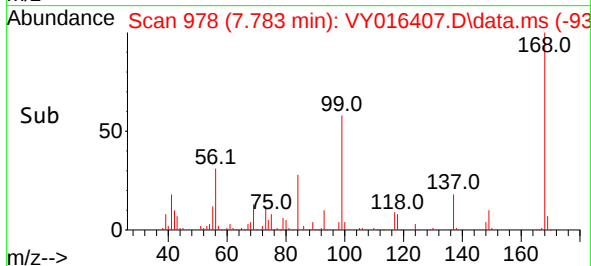
Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBS01



Tgt Ion: 56 Resp: 47488
Ion Ratio Lower Upper
56 100
69 41.3 27.8 41.6
84 95.4 66.4 99.6

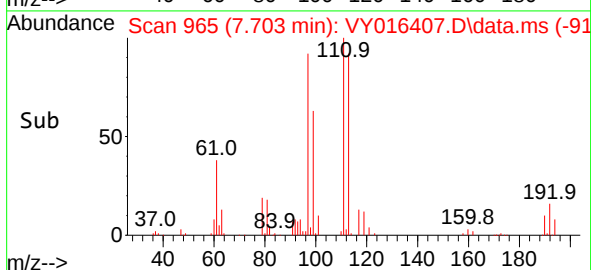
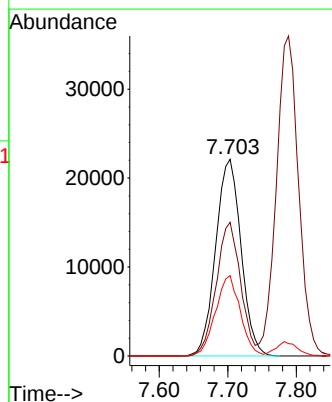
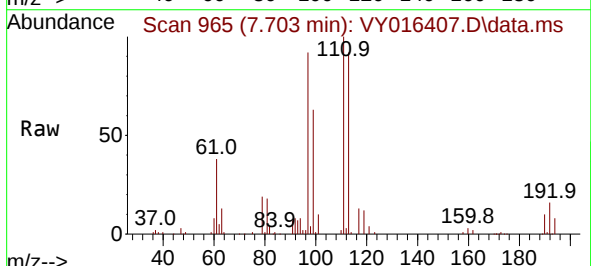
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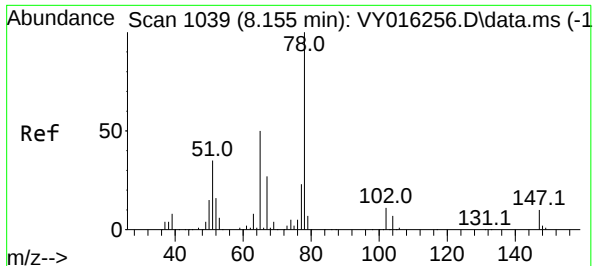
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#32
1,1,1-Trichloroethane
Concen: 21.030 ug/l
RT: 7.703 min Scan# 965
Delta R.T. -0.013 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

Tgt Ion: 97 Resp: 56894
Ion Ratio Lower Upper
97 100
99 64.9 50.8 76.2
61 39.9 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 50.461 ug/l

RT: 8.142 min Scan# 1039

Delta R.T. -0.013 min

Lab File: VY016407.D

Acq: 17 Nov 2023 13:09

Instrument :

MSVOA_Y

ClientSampleId :

VY1117SBS01

Tgt Ion: 65 Resp: 6858

Ion Ratio Lower Upper

65 100

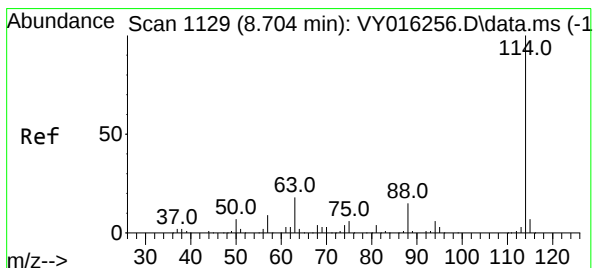
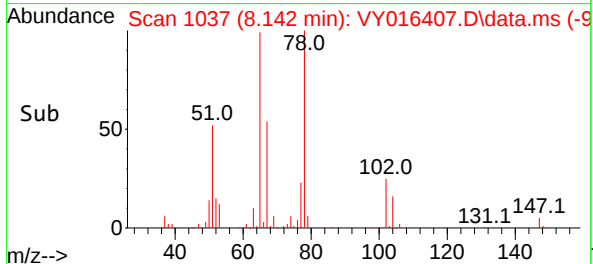
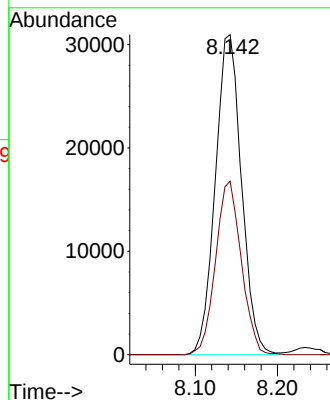
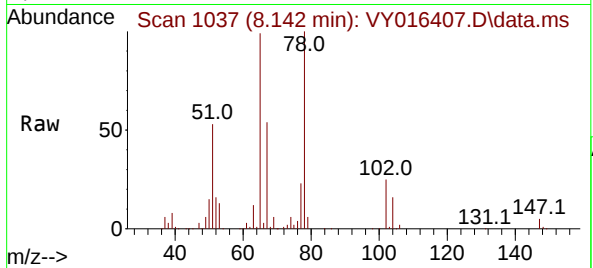
67 53.1 0.0 101.8

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.013 min

Lab File: VY016407.D

Acq: 17 Nov 2023 13:09

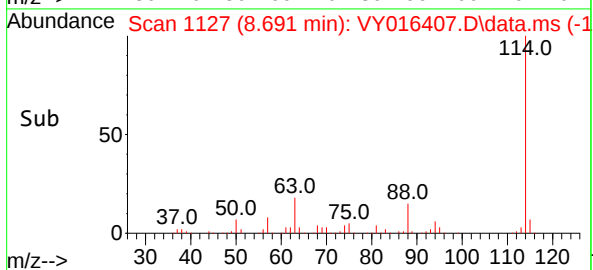
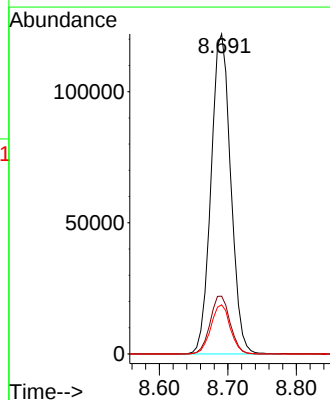
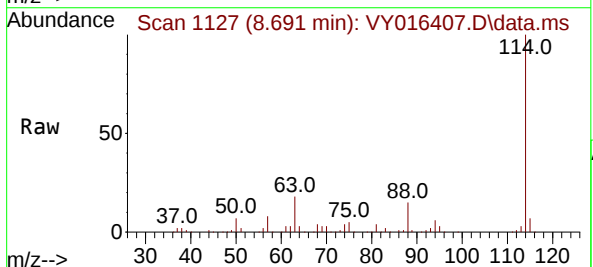
Tgt Ion:114 Resp: 243547

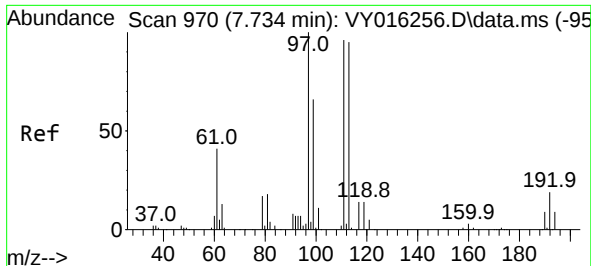
Ion Ratio Lower Upper

114 100

63 18.1 0.0 42.4

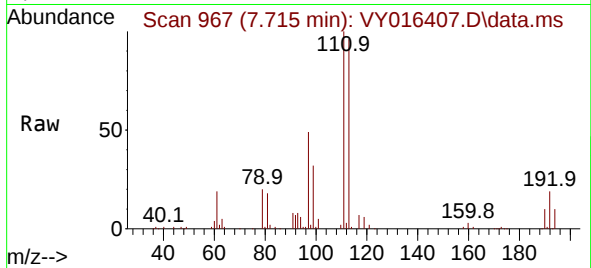
88 15.3 0.0 30.6





#35
Dibromofluoromethane
Concen: 52.988 ug/l
RT: 7.715 min Scan# 90
Delta R.T. -0.019 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

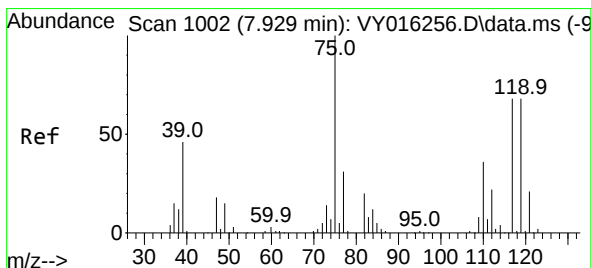
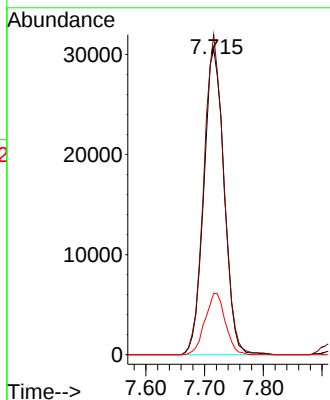
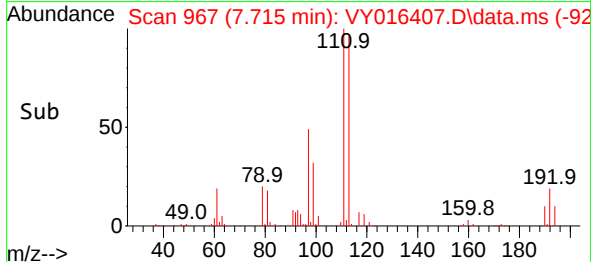
Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBS01



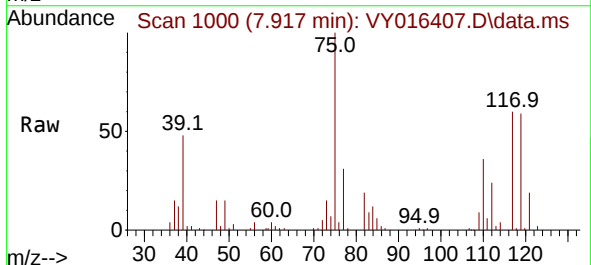
Tgt Ion:113 Resp: 73309
Ion Ratio Lower Upper
113 100
111 103.0 81.3 121.9
192 20.0 16.9 25.3

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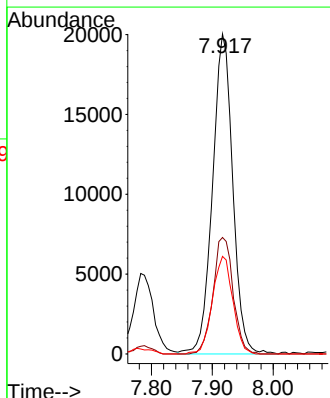
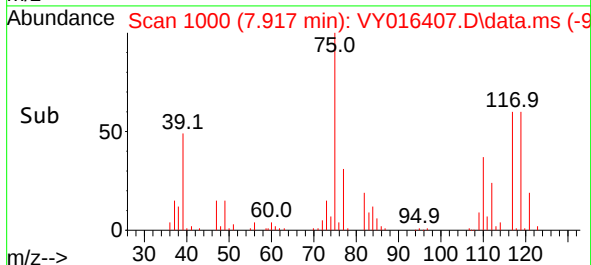
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

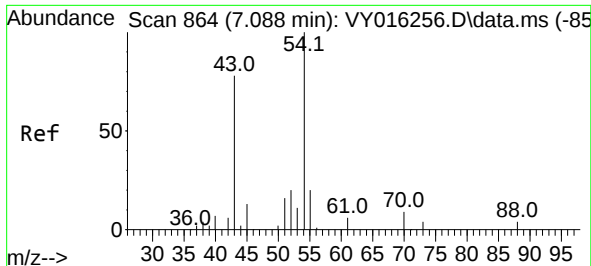


#36
1,1-Dichloropropene
Concen: 19.264 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.013 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09



Tgt Ion: 75 Resp: 46279
Ion Ratio Lower Upper
75 100
110 36.2 17.8 53.5
77 30.7 24.4 36.6





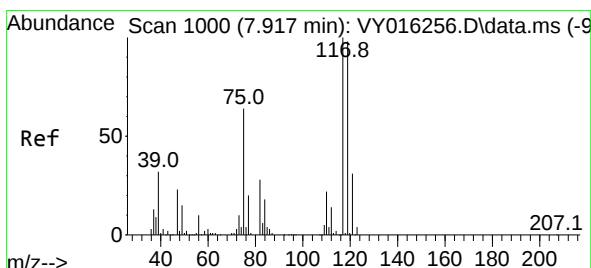
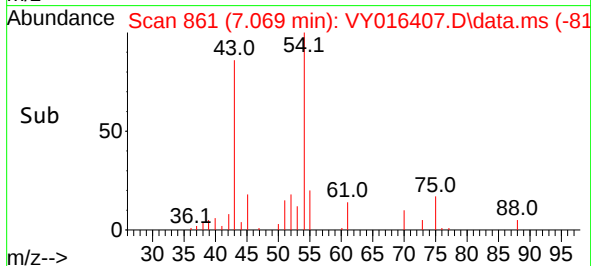
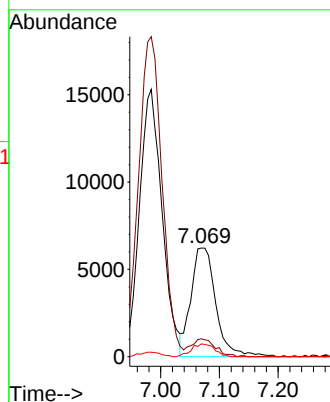
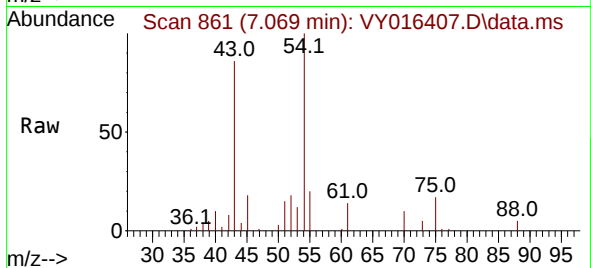
#37
Ethyl Acetate
Concen: 18.938 ug/l
RT: 7.069 min Scan# 80
Delta R.T. -0.019 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBS01

Tgt Ion: 43 Resp: 1838
Ion Ratio Lower Upper
43 100
61 16.2 10.1 15.1
70 10.8 7.1 10.7

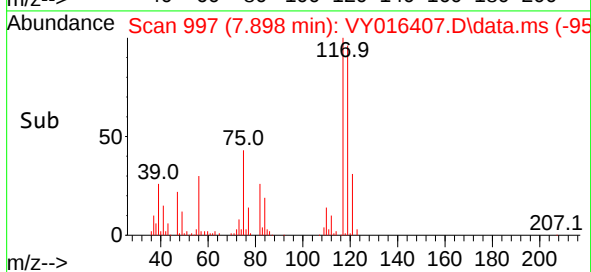
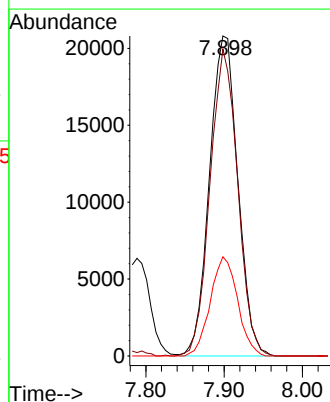
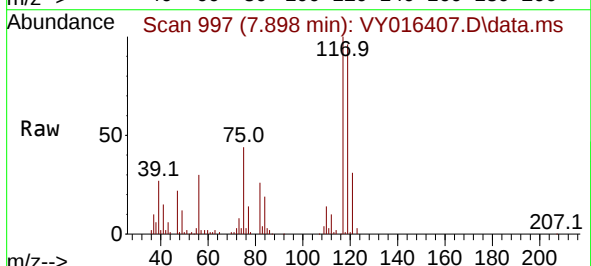
Manual Integrations
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Reviewed By :John Carlone 11/20/2023
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#38
Carbon Tetrachloride
Concen: 20.999 ug/l
RT: 7.898 min Scan# 997
Delta R.T. -0.019 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

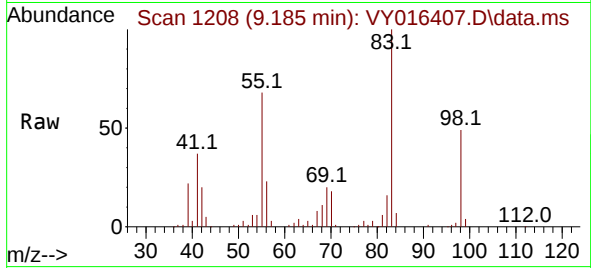
Tgt Ion:117 Resp: 52355
Ion Ratio Lower Upper
117 100
119 95.9 76.4 114.6
121 31.0 25.8 38.6





#39
Methylcyclohexane
Concen: 18.122 ug/l
RT: 9.185 min Scan# 11
Delta R.T. -0.013 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

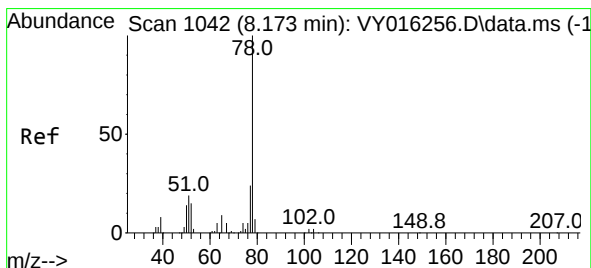
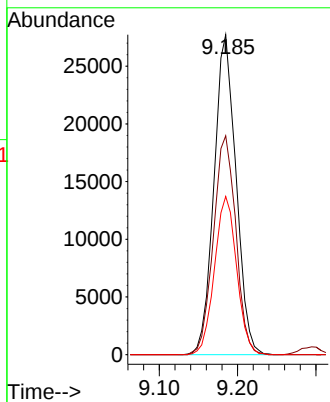
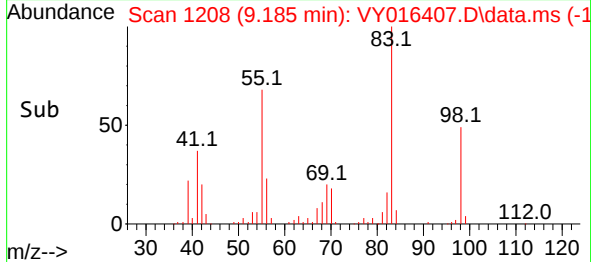
Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBS01



Tgt Ion: 83 Resp: 5424
Ion Ratio Lower Upper
83 100
55 68.4 63.0 94.4
98 49.5 37.4 56.2

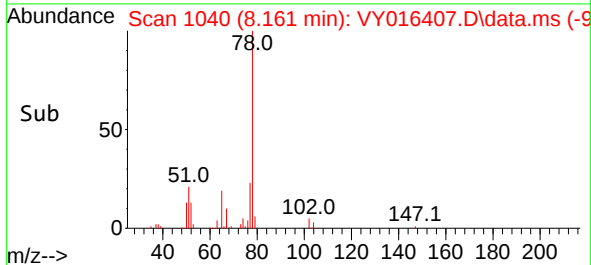
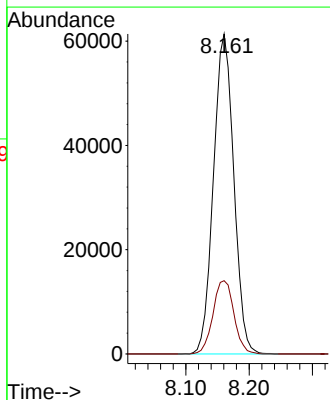
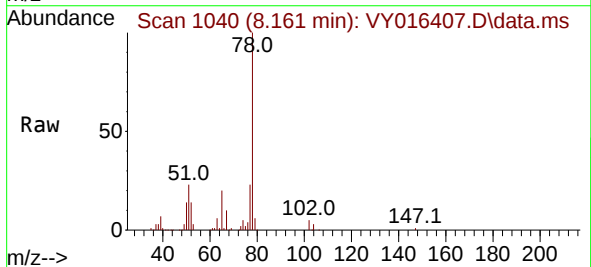
Manual Integrations
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#40
Benzene
Concen: 20.248 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.013 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

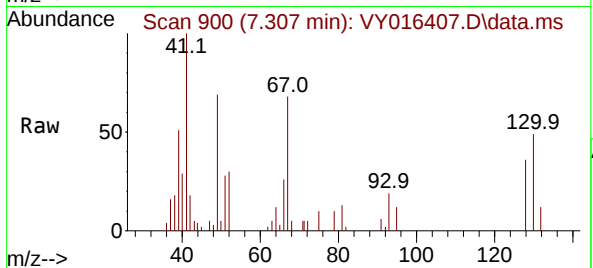
Tgt Ion: 78 Resp: 136662
Ion Ratio Lower Upper
78 100
77 22.9 19.0 28.6





#41
Methacrylonitrile
Concen: 16.507 ug/l
RT: 7.307 min Scan# 903
Delta R.T. -0.019 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

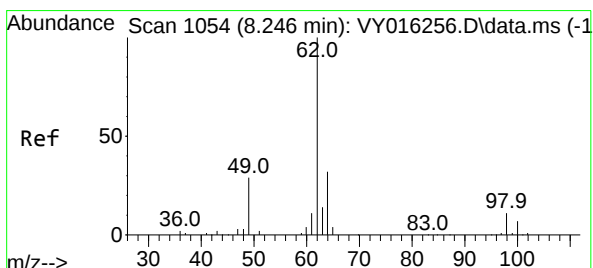
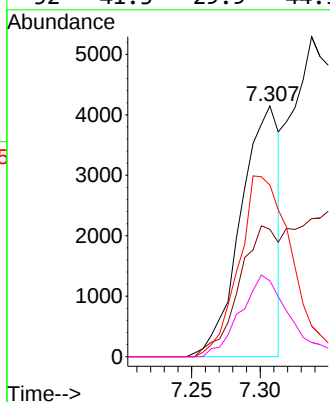
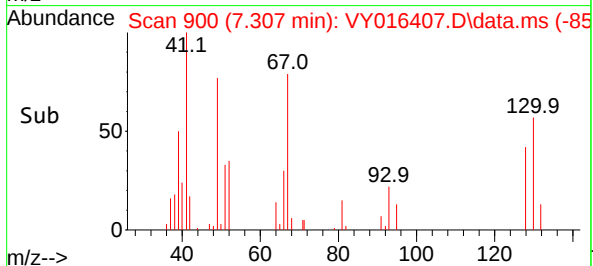
Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBS01



Tgt Ion: 41 Resp: 8079
Ion Ratio Lower Upper
41 100
39 53.7 52.1 78.1
67 98.7 66.2 99.2
52 41.3 29.9 44.9

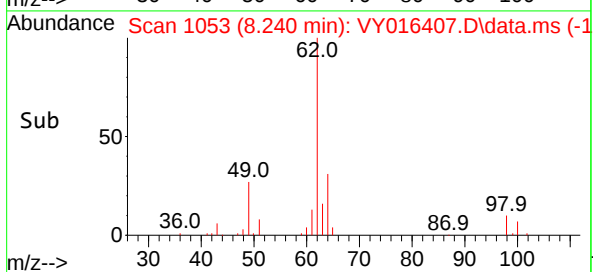
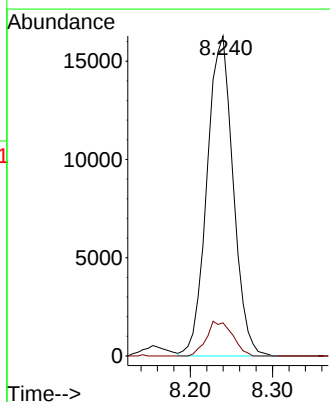
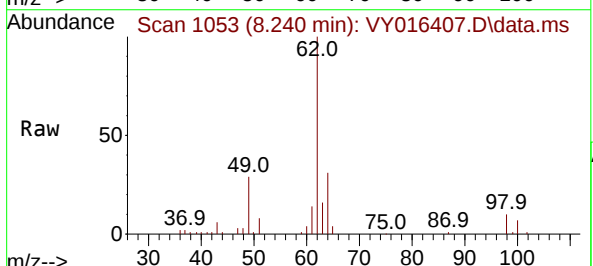
Manual Integrations
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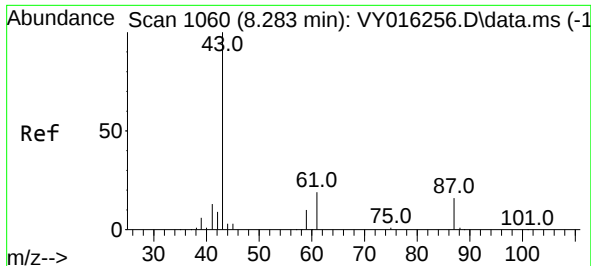
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#42
1,2-Dichloroethane
Concen: 20.578 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.007 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

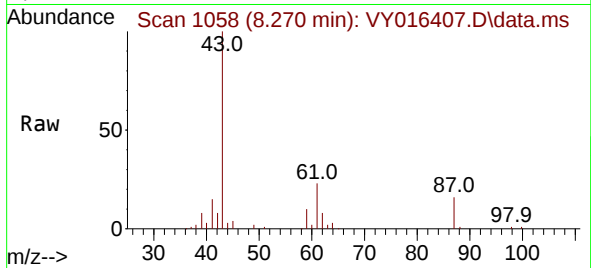
Tgt Ion: 62 Resp: 35986
Ion Ratio Lower Upper
62 100
98 10.8 0.0 15.8





#43
Isopropyl Acetate
Concen: 18.291 ug/l
RT: 8.270 min Scan# 1168
Delta R.T. -0.013 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

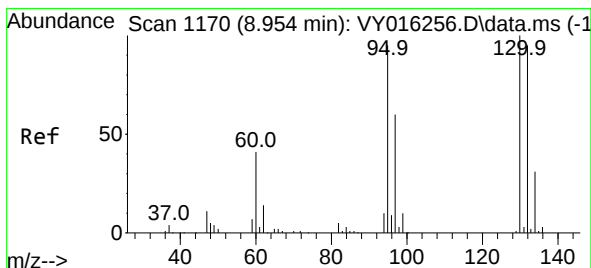
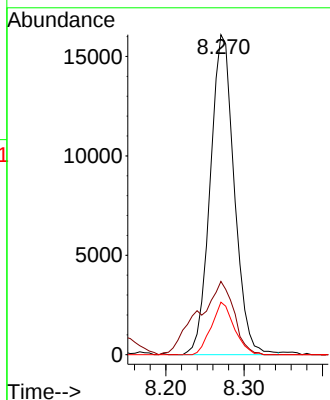
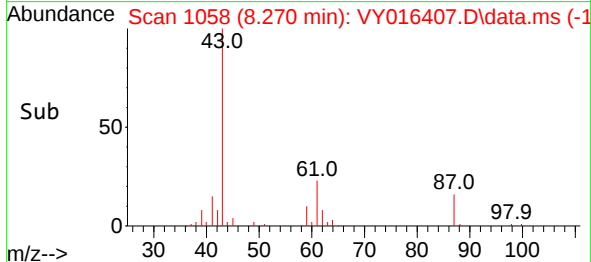
Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBS01



Tgt Ion: 43 Resp: 34319
Ion Ratio Lower Upper
43 100
61 34.1 21.1 31.7
87 15.6 9.8 14.8

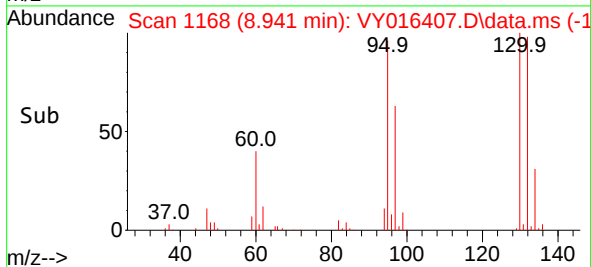
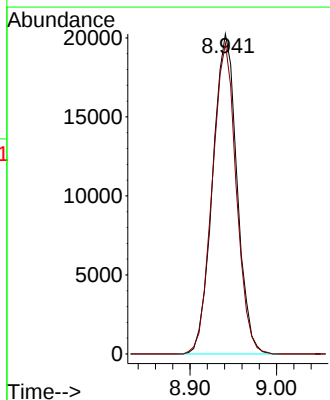
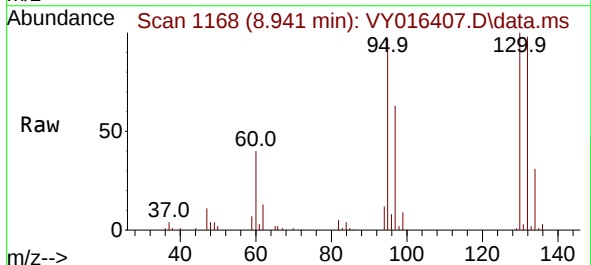
Manual Integrations
APPROVED

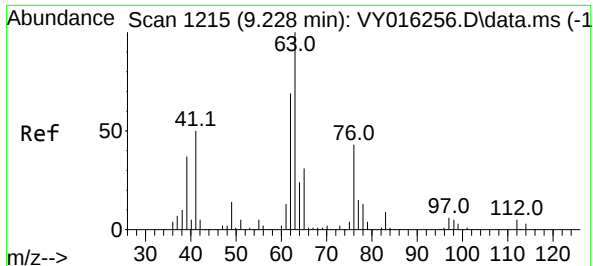
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#44
Trichloroethene
Concen: 20.290 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.013 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

Tgt Ion:130 Resp: 39357
Ion Ratio Lower Upper
130 100
95 97.1 0.0 196.0





#45

1,2-Dichloropropane

Concen: 20.565 ug/l

RT: 9.215 min Scan# 11

Delta R.T. -0.013 min

Lab File: VY016407.D

Acq: 17 Nov 2023 13:09

Instrument :

MSVOA_Y

ClientSampleId :

VY1117SBS01

Tgt Ion: 63 Resp: 33334

Ion Ratio Lower Upper

63 100

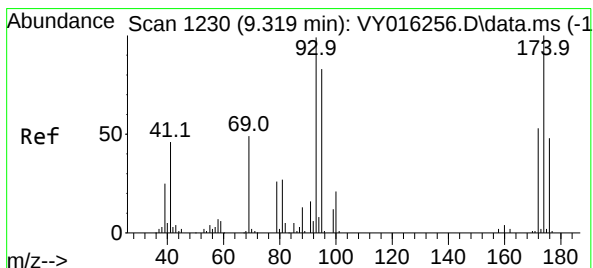
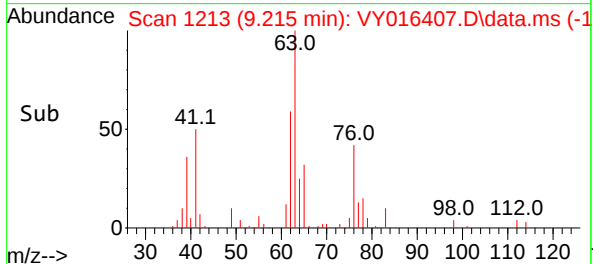
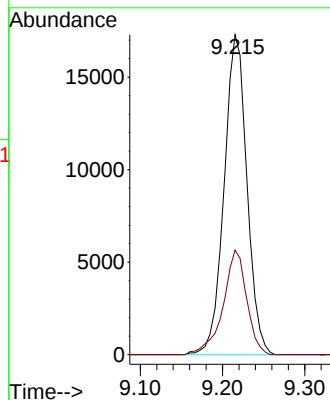
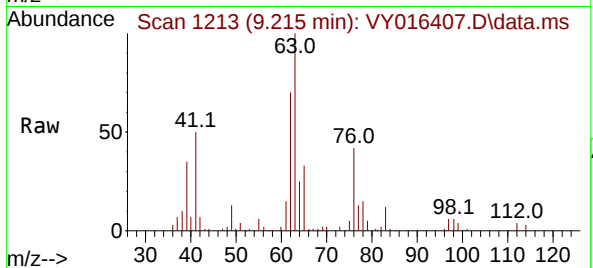
65 32.7 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#46

Dibromomethane

Concen: 20.490 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.013 min

Lab File: VY016407.D

Acq: 17 Nov 2023 13:09

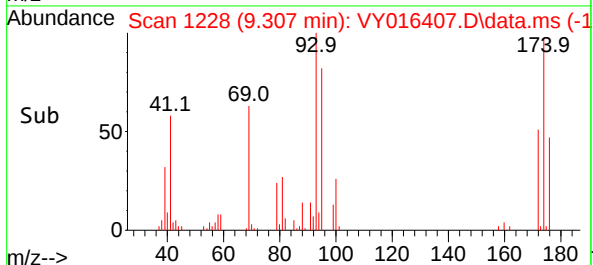
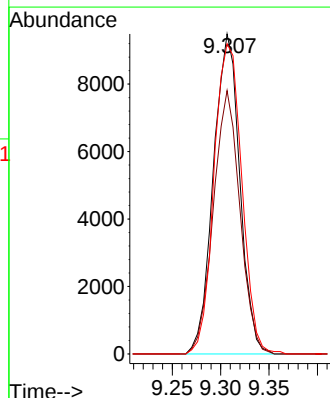
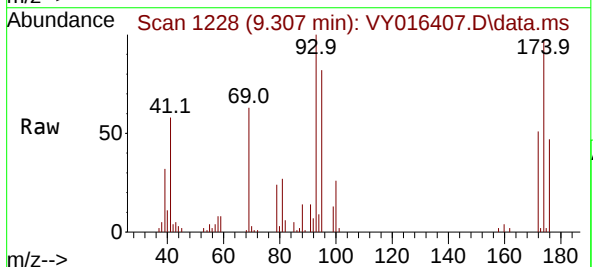
Tgt Ion: 93 Resp: 17998

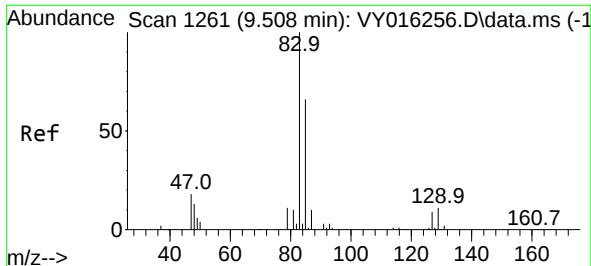
Ion Ratio Lower Upper

93 100

95 82.7 66.6 100.0

174 102.2 84.8 127.2





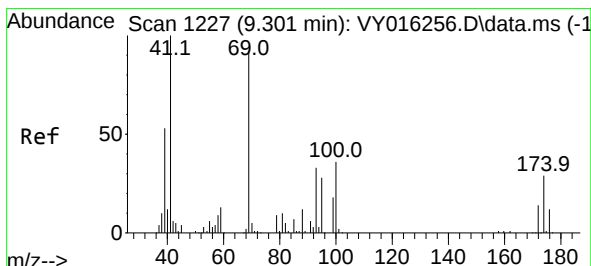
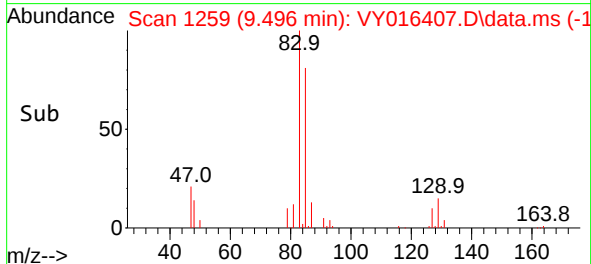
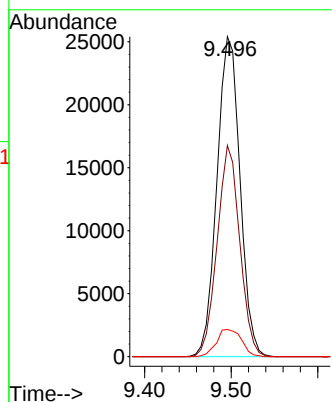
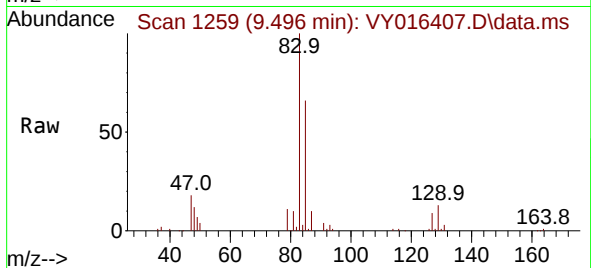
#47
Bromodichloromethane
Concen: 20.835 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.013 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBS01

Tgt Ion: 83 Resp: 47050
Ion Ratio Lower Upper
83 100
85 66.0 50.1 75.1
127 8.5 7.1 10.7

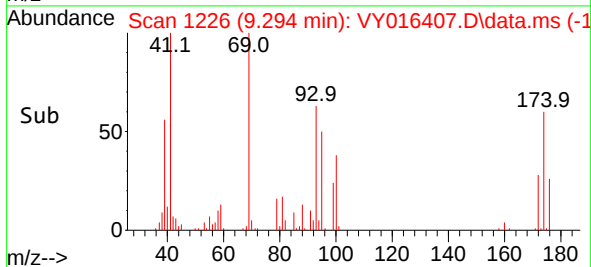
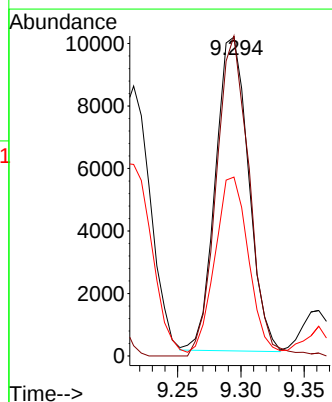
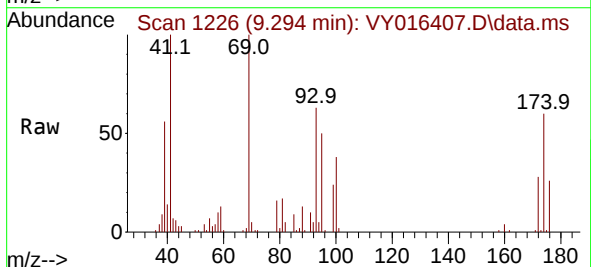
Manual Integrations
APPROVED

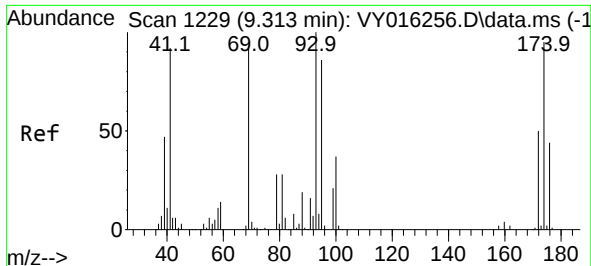
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#48
Methyl methacrylate
Concen: 17.605 ug/l
RT: 9.294 min Scan# 1226
Delta R.T. -0.007 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

Tgt Ion: 41 Resp: 18256
Ion Ratio Lower Upper
41 100
69 101.2 64.5 96.7#
39 56.4 50.8 76.2





#49

1,4-Dioxane

Concen: 363.310 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.007 min

Lab File: VY016407.D

Acq: 17 Nov 2023 13:09

Instrument :

MSVOA_Y

ClientSampleId :

VY1117SBS01

Tgt Ion: 88 Resp: 338

Ion Ratio Lower Upper

88 100

43 37.8 0.0 0.0

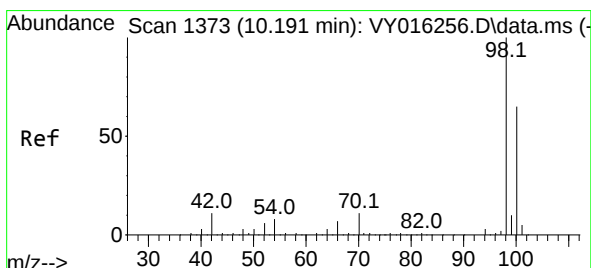
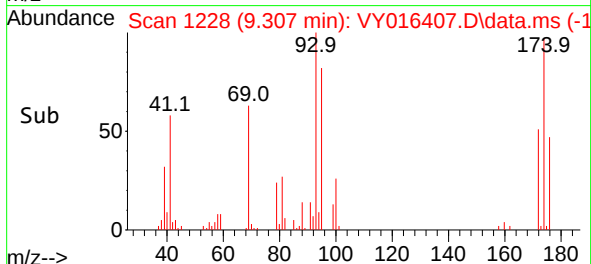
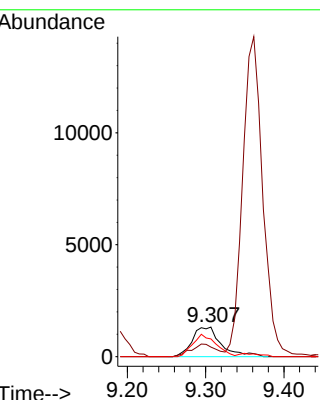
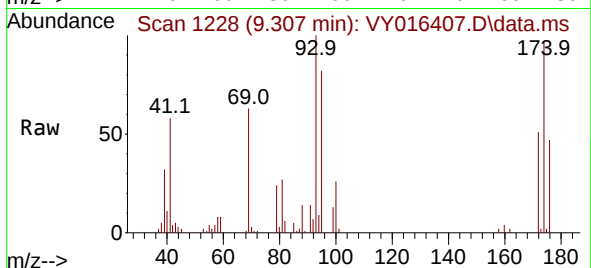
58 61.6 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#50

Toluene-d8

Concen: 50.467 ug/l

RT: 10.178 min Scan# 1371

Delta R.T. -0.013 min

Lab File: VY016407.D

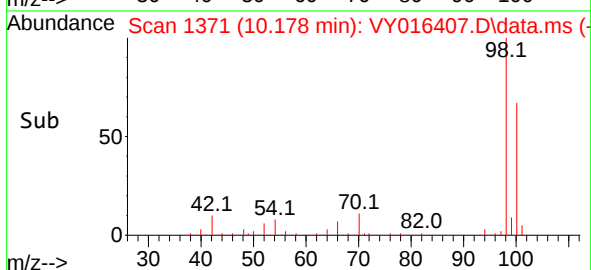
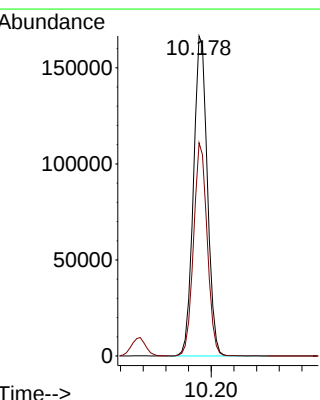
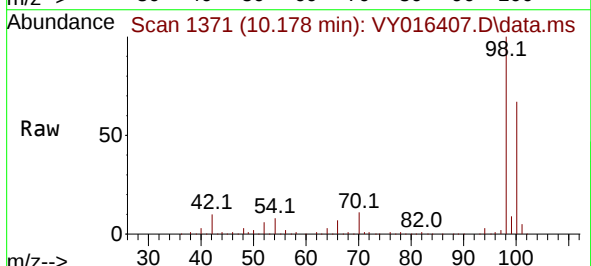
Acq: 17 Nov 2023 13:09

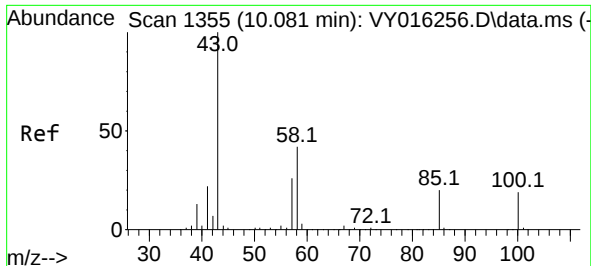
Tgt Ion: 98 Resp: 283141

Ion Ratio Lower Upper

98 100

100 65.3 50.1 75.1





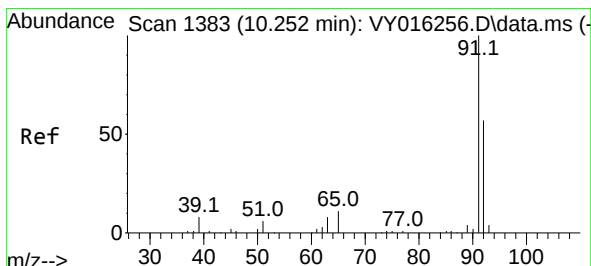
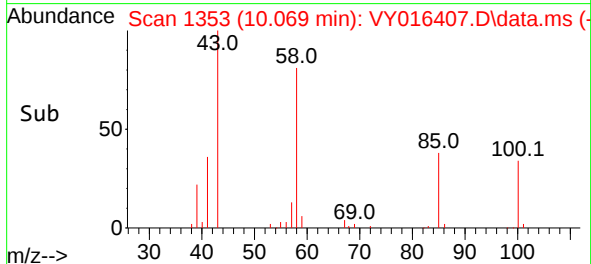
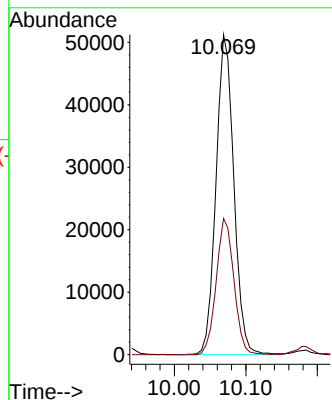
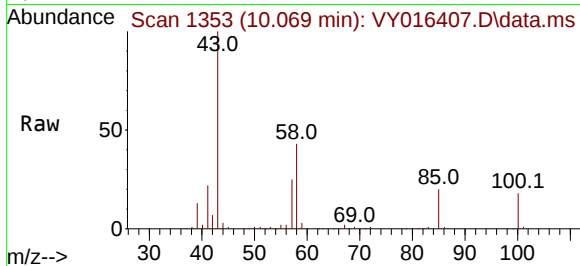
#51
4-Methyl-2-Pentanone
Concen: 93.379 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.013 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBS01

Tgt Ion: 43 Resp: 88590
Ion Ratio Lower Upper
43 100
58 42.4 29.0 43.6

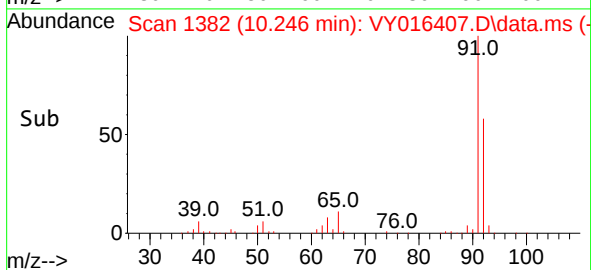
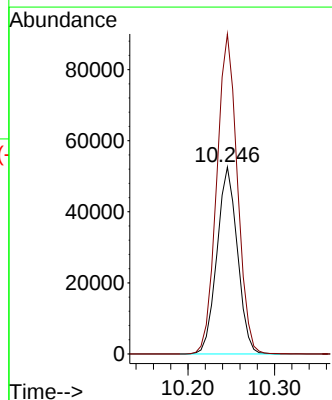
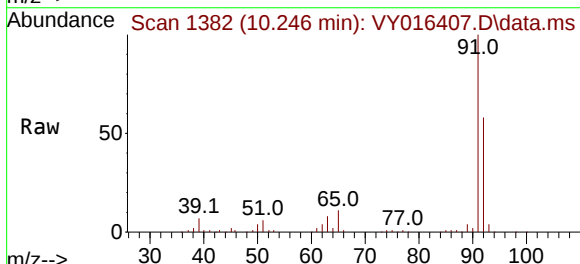
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#52
Toluene
Concen: 20.210 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.007 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

Tgt Ion: 92 Resp: 86226
Ion Ratio Lower Upper
92 100
91 172.6 143.8 215.6





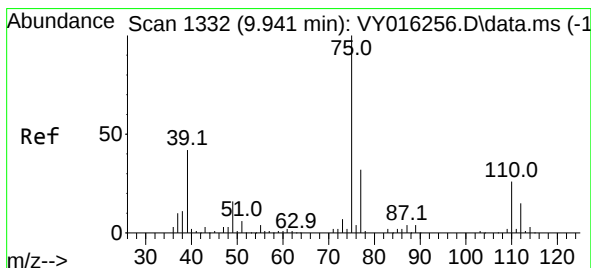
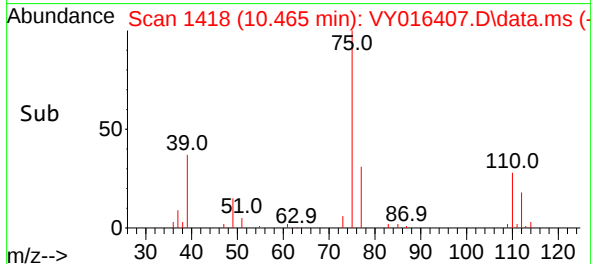
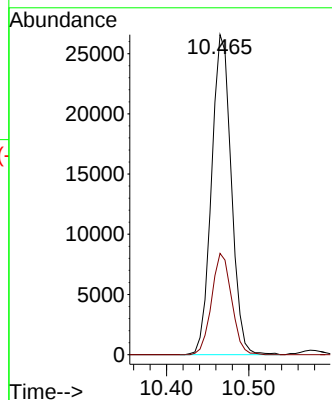
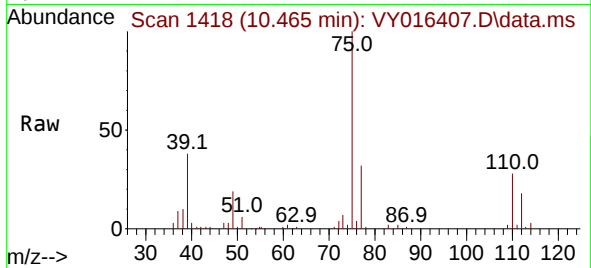
#53
t-1,3-Dichloropropene
Concen: 20.212 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.013 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBS01

Tgt Ion: 75 Resp: 4424
Ion Ratio Lower Upper
75 100
77 31.7 25.0 37.4

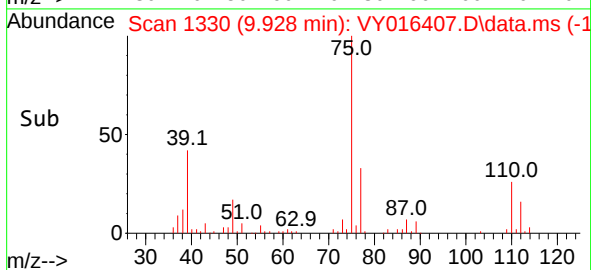
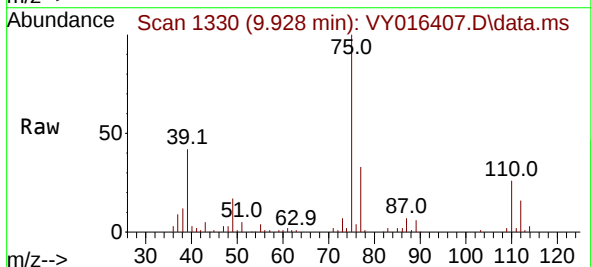
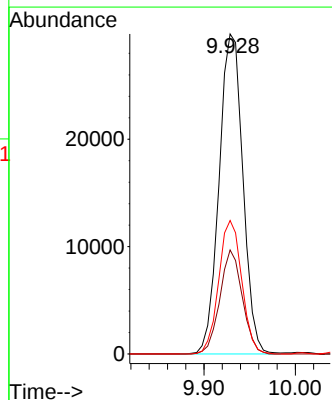
Manual Integrations
APPROVED

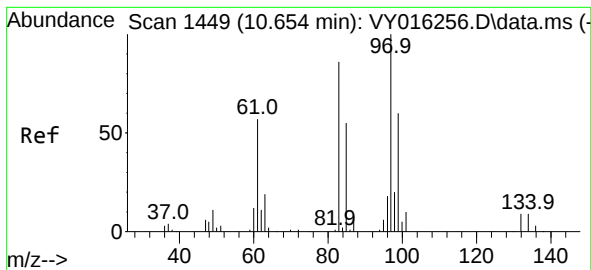
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#54
cis-1,3-Dichloropropene
Concen: 20.641 ug/l
RT: 9.928 min Scan# 1330
Delta R.T. -0.013 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

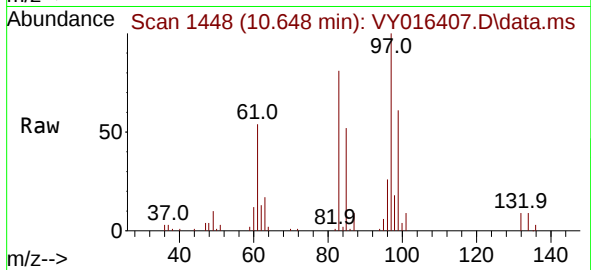
Tgt Ion: 75 Resp: 53972
Ion Ratio Lower Upper
75 100
77 32.5 24.2 36.4
39 41.7 42.2 63.4#





#55
1,1,2-Trichloroethane
Concen: 21.218 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. -0.007 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

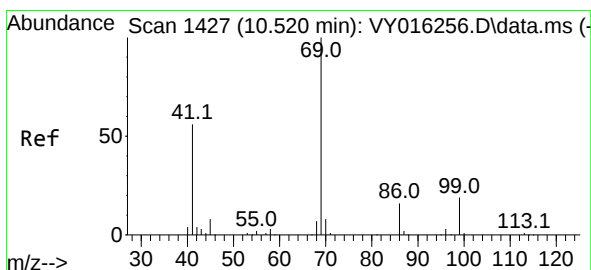
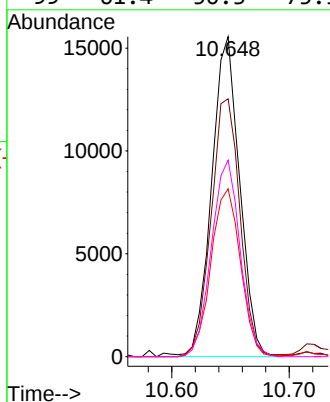
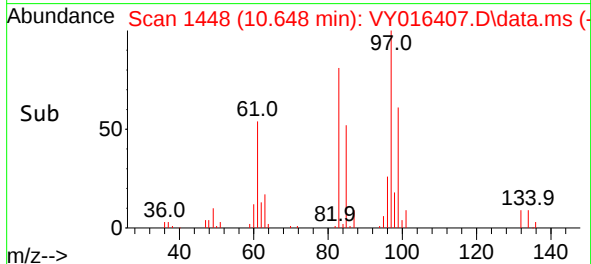
Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBS01



Tgt Ion: 97 Resp: 2568
Ion Ratio Lower Upper
97 100
83 80.6 72.0 108.0
85 52.4 45.4 68.0
99 61.4 50.3 75.5

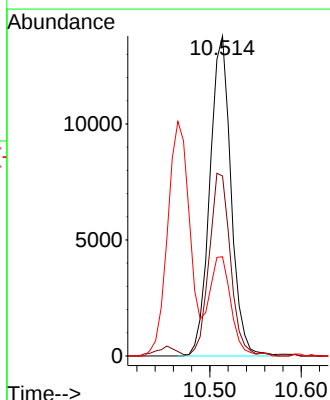
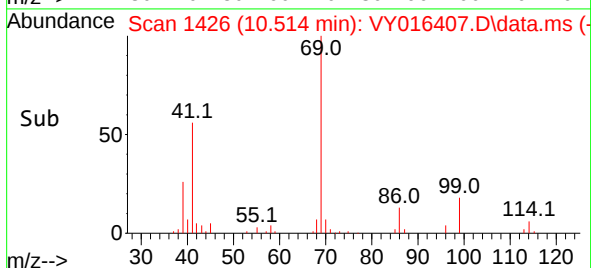
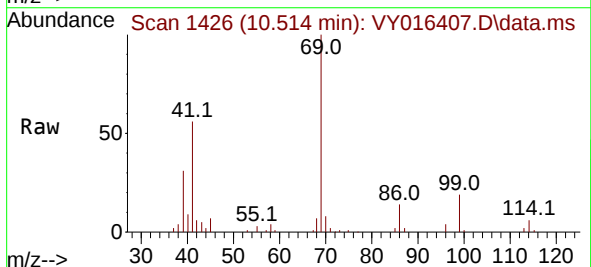
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#56
Ethyl methacrylate
Concen: 19.384 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. -0.007 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

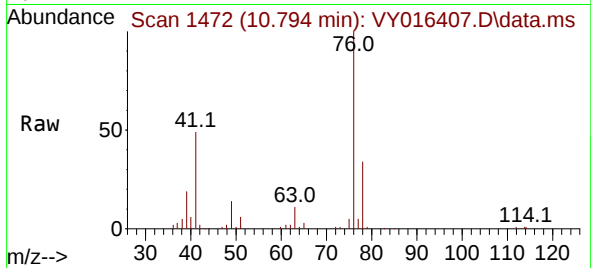
Tgt Ion: 69 Resp: 22153
Ion Ratio Lower Upper
69 100
41 57.8 57.6 86.4
39 32.1 34.1 51.1#





#57
1,3-Dichloropropane
Concen: 20.483 ug/l
RT: 10.794 min Scan# 1472
Delta R.T. -0.007 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

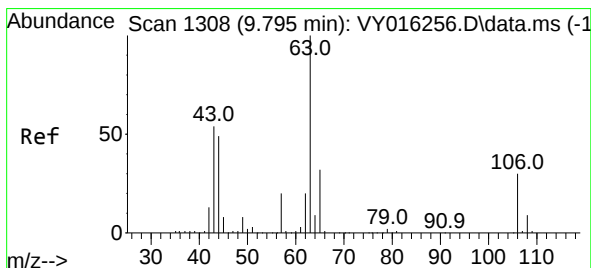
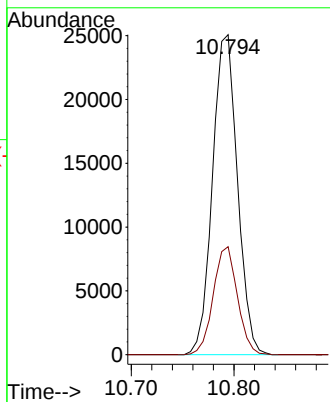
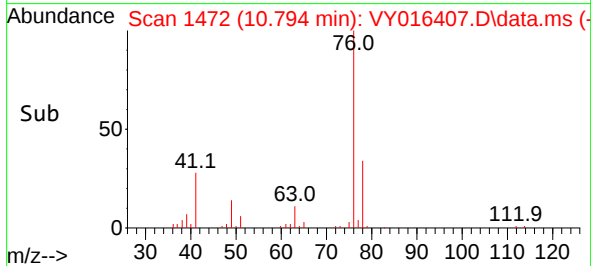
Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBS01



Tgt Ion: 76 Resp: 42270
Ion Ratio Lower Upper
76 100
78 32.6 25.3 37.9

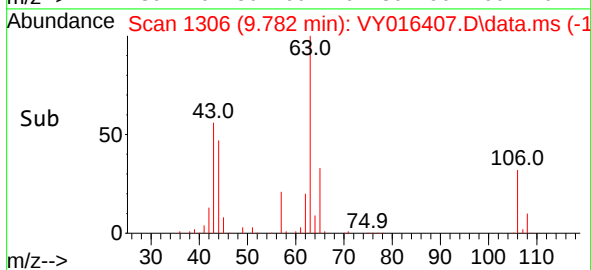
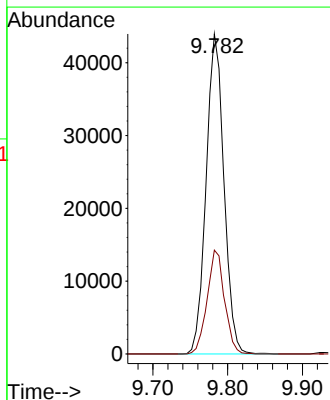
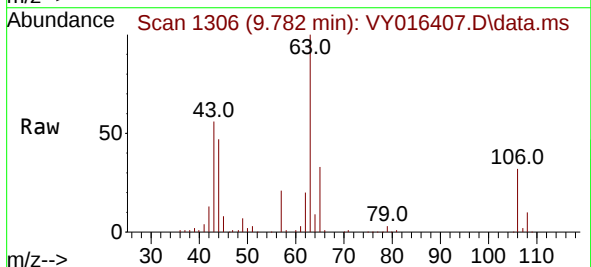
Manual Integrations
APPROVED

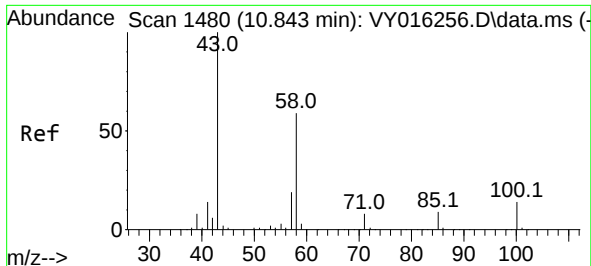
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#58
2-Chloroethyl Vinyl ether
Concen: 93.805 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. -0.013 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

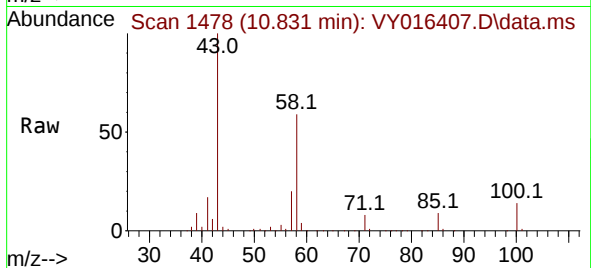
Tgt Ion: 63 Resp: 72692
Ion Ratio Lower Upper
63 100
106 31.6 21.2 31.8





#59
2-Hexanone
Concen: 95.295 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.013 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

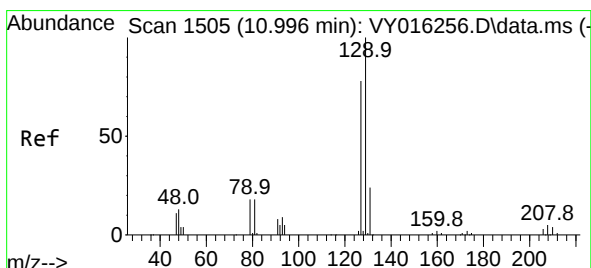
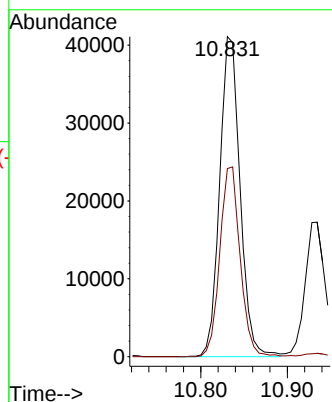
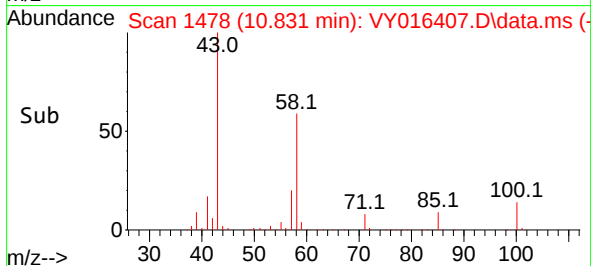
Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBS01



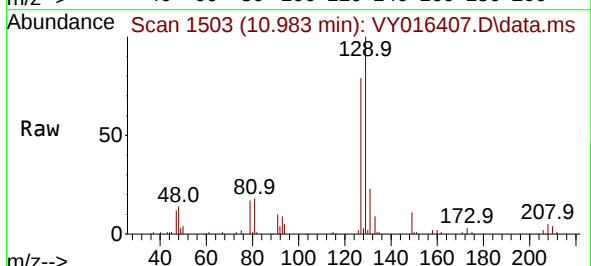
Tgt Ion: 43 Resp: 67252
Ion Ratio Lower Upper
43 100
58 59.1 25.1 75.3

Manual Integrations
APPROVED

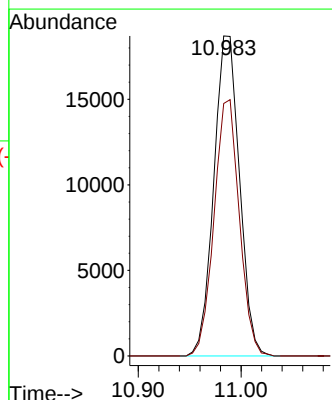
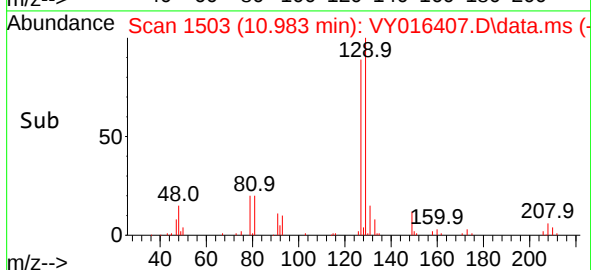
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

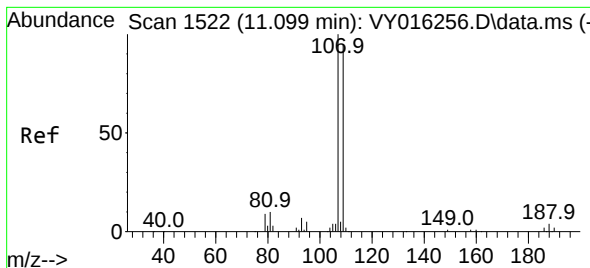


#60
Dibromochloromethane
Concen: 21.452 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.013 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09



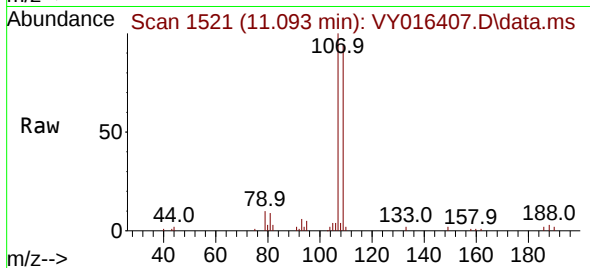
Tgt Ion:129 Resp: 32482
Ion Ratio Lower Upper
129 100
127 78.7 38.5 115.5





#61
1,2-Dibromoethane
Concen: 20.659 ug/l
RT: 11.093 min Scan# 1522
Delta R.T. -0.007 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

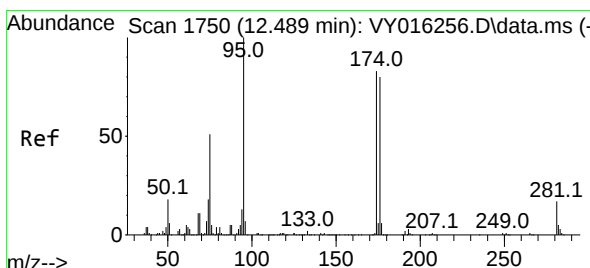
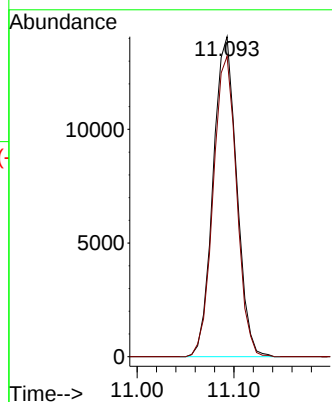
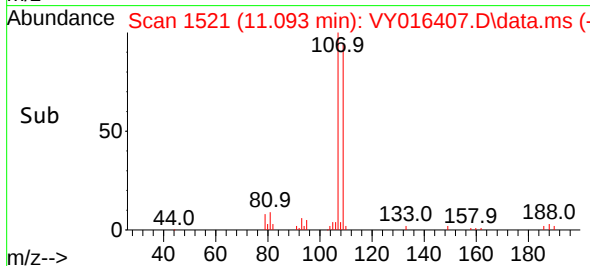
Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBS01



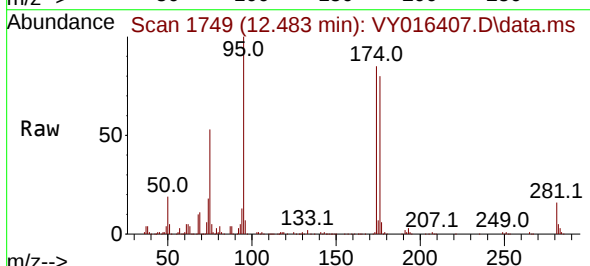
Tgt Ion:107 Resp: 23829
Ion Ratio Lower Upper
107 100
109 93.3 75.6 113.4

Manual Integrations
APPROVED

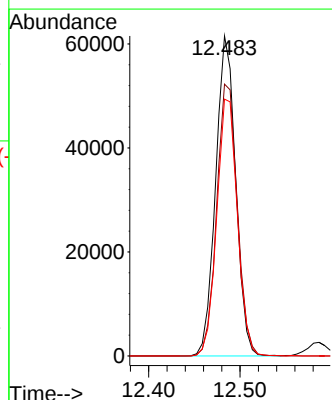
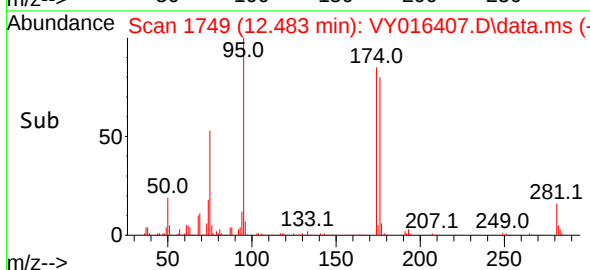
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

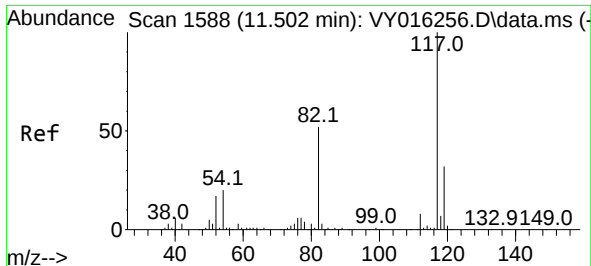


#62
4-Bromofluorobenzene
Concen: 51.432 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.007 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09



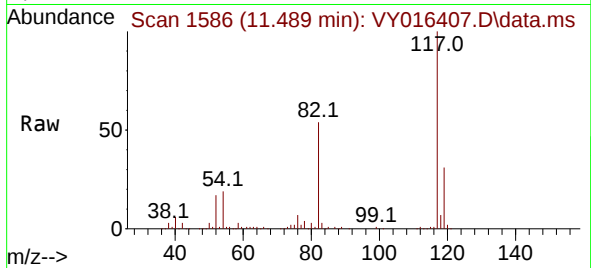
Tgt Ion: 95 Resp: 93717
Ion Ratio Lower Upper
95 100
174 87.7 0.0 178.2
176 82.7 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.013 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

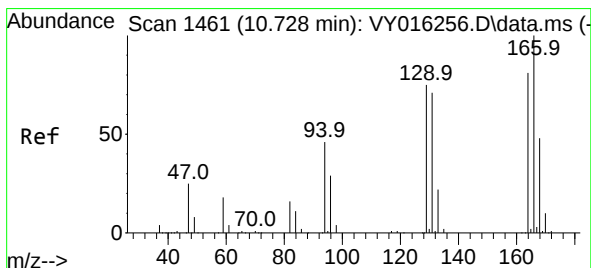
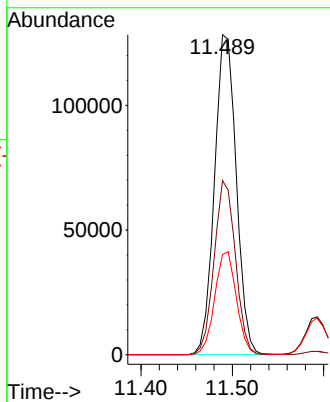
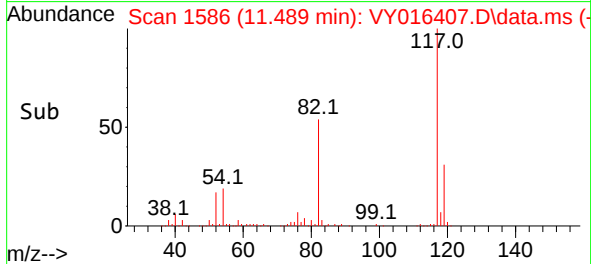
Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBS01



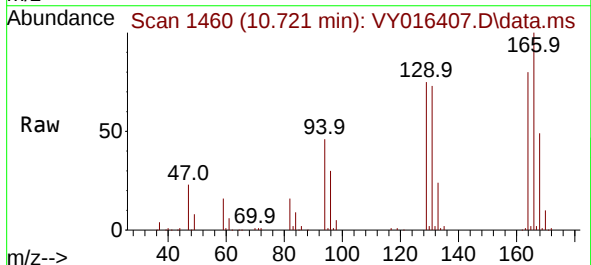
Tgt Ion:117 Resp: 21286
Ion Ratio Lower Upper
117 100
82 54.4 43.4 65.0
119 31.2 26.3 39.5

Manual Integrations
APPROVED

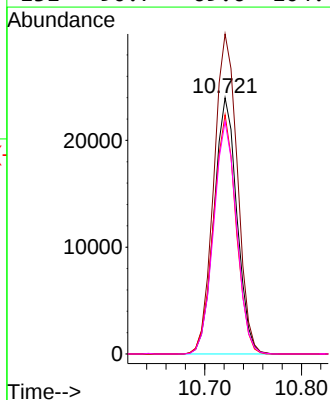
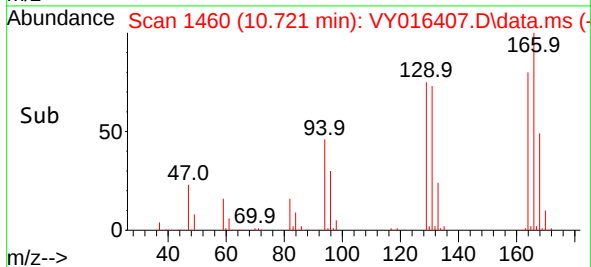
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

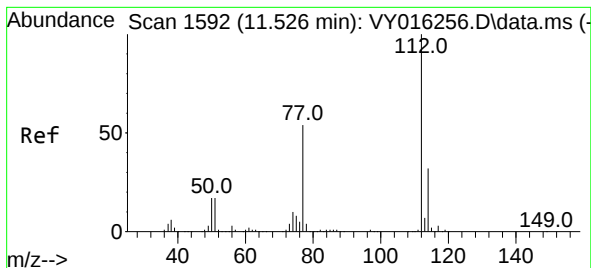


#64
Tetrachloroethene
Concen: 20.659 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.007 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09



Tgt Ion:164 Resp: 39485
Ion Ratio Lower Upper
164 100
166 124.9 103.0 154.6
129 93.4 77.2 115.8
131 90.7 69.6 104.4





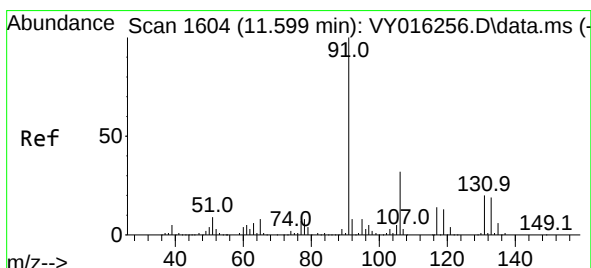
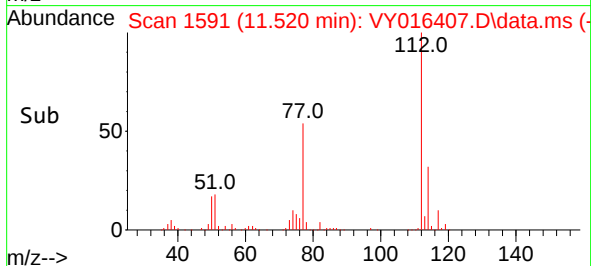
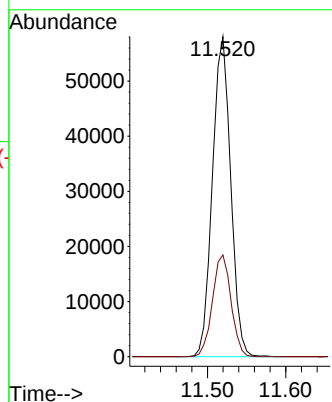
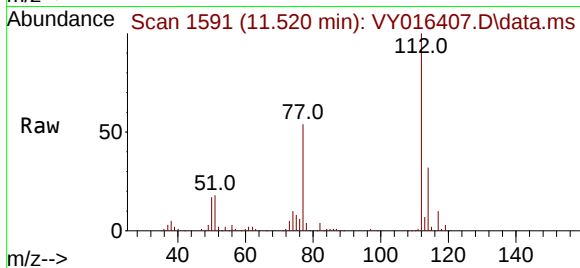
#65
Chlorobenzene
Concen: 20.695 ug/l
RT: 11.520 min Scan# 111
Delta R.T. -0.007 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBS01

Tgt Ion:112 Resp: 9412
Ion Ratio Lower Upper
112 100
114 31.8 25.5 38.3

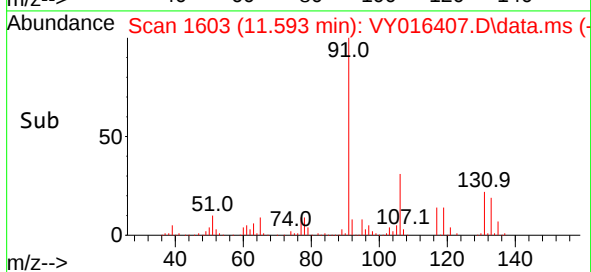
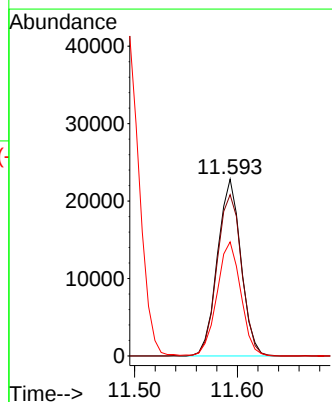
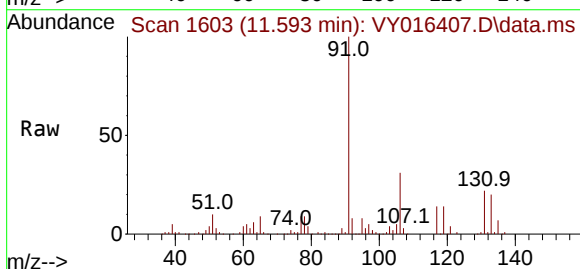
Manual Integrations
APPROVED

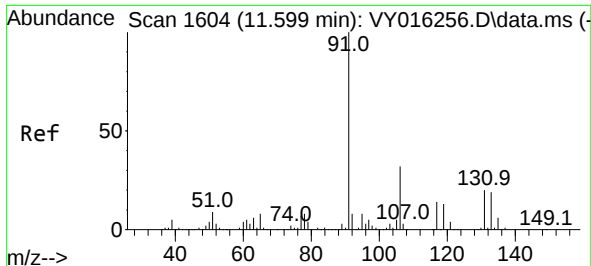
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 21.596 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.007 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

Tgt Ion:131 Resp: 36225
Ion Ratio Lower Upper
131 100
133 95.6 47.5 142.6
119 65.5 31.6 94.7





#67

Ethyl Benzene

Concen: 20.281 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.007 min

Lab File: VY016407.D

Acq: 17 Nov 2023 13:09

Instrument :

MSVOA_Y

ClientSampleId :

VY1117SBS01

Tgt Ion: 91 Resp: 16576

Ion Ratio Lower Upper

91 100

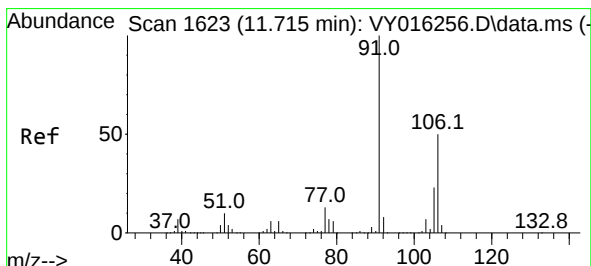
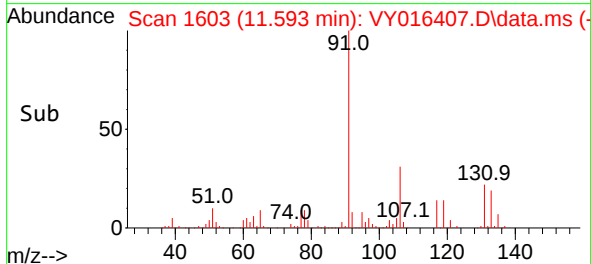
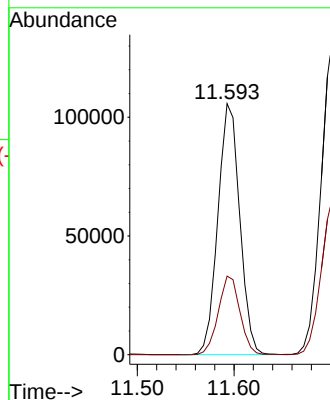
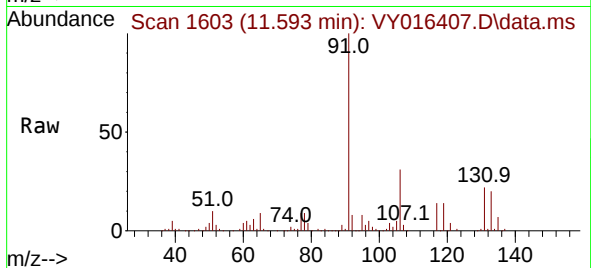
106 31.3 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#68

m/p-Xylenes

Concen: 41.180 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.013 min

Lab File: VY016407.D

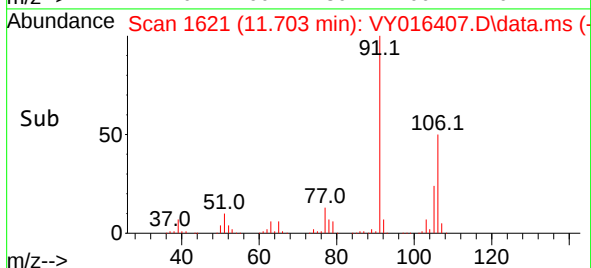
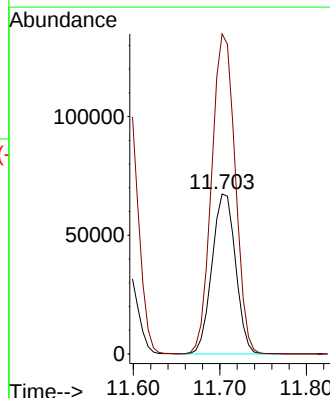
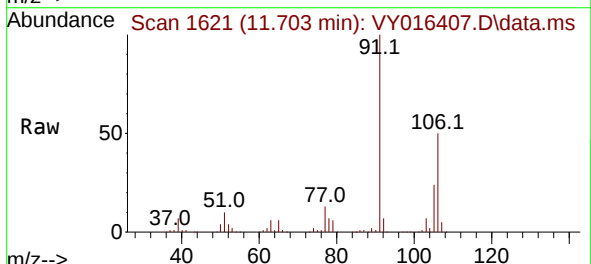
Acq: 17 Nov 2023 13:09

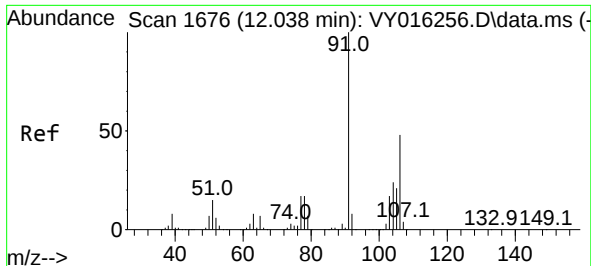
Tgt Ion:106 Resp: 127662

Ion Ratio Lower Upper

106 100

91 199.6 166.1 249.1





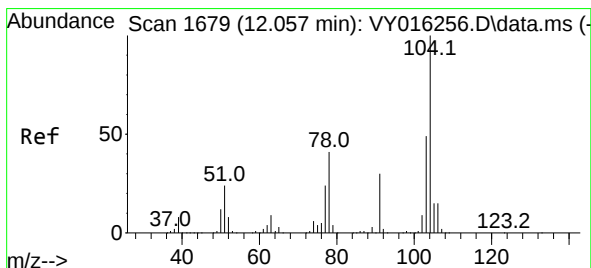
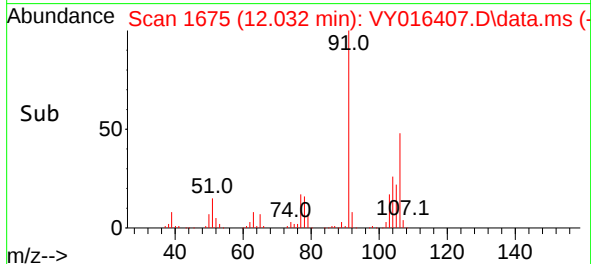
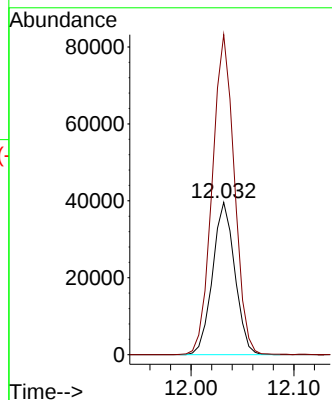
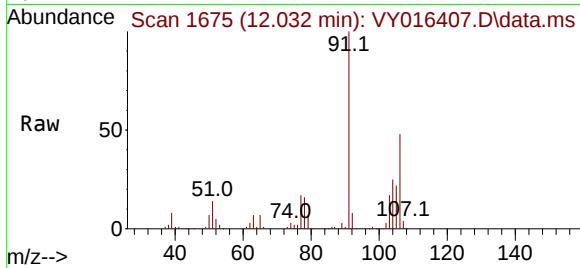
#69
o-Xylene
Concen: 20.679 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.007 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBS01

Tgt Ion:106 Resp: 59520
Ion Ratio Lower Upper
106 100
91 209.3 108.1 324.3

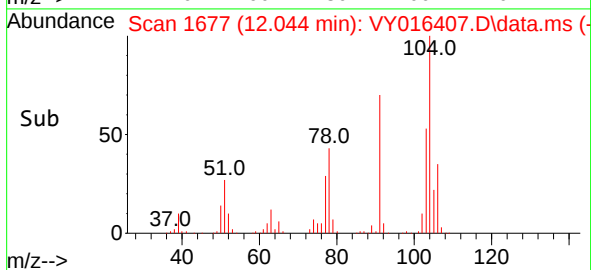
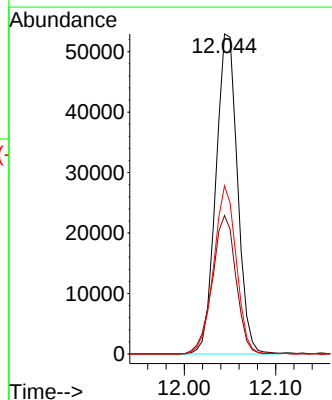
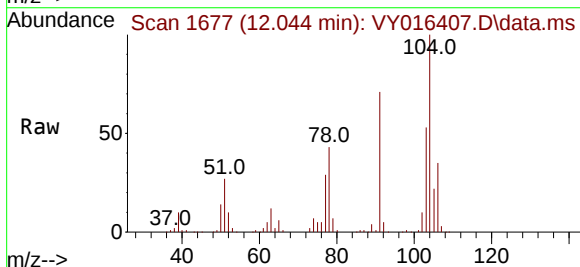
Manual Integrations
APPROVED

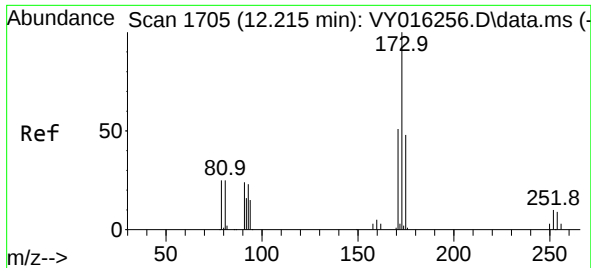
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#70
Styrene
Concen: 21.151 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.013 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

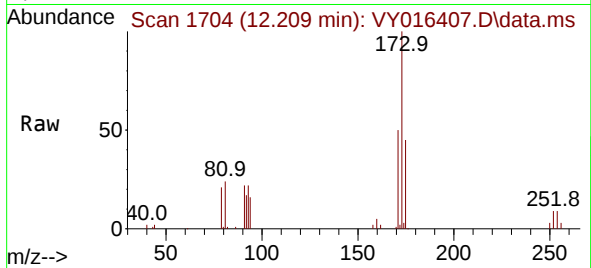
Tgt Ion:104 Resp: 87171
Ion Ratio Lower Upper
104 100
78 47.2 41.5 62.3
103 54.8 44.6 67.0





#71
Bromoform
Concen: 21.852 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.007 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

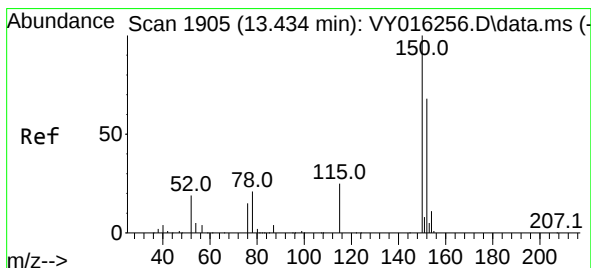
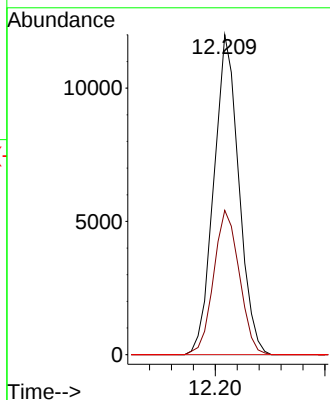
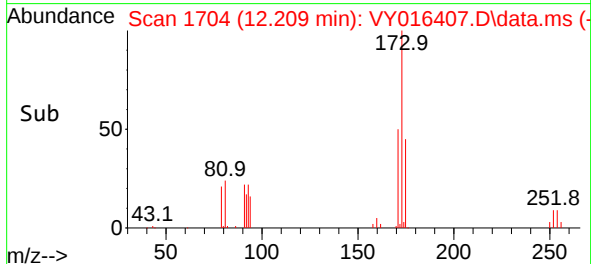
Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBS01



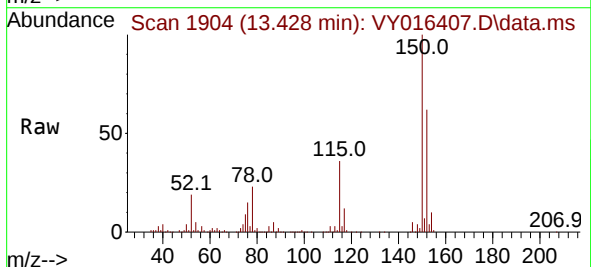
Tgt Ion:173 Resp: 19020
Ion Ratio Lower Upper
173 100
175 46.3 24.6 73.8
254 0.0 0.2 0.2

Manual Integrations
APPROVED

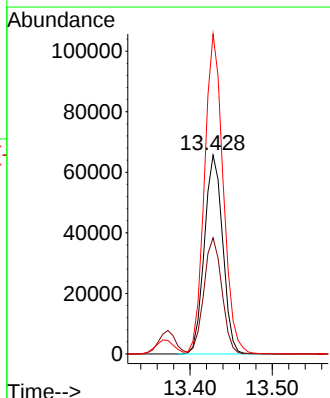
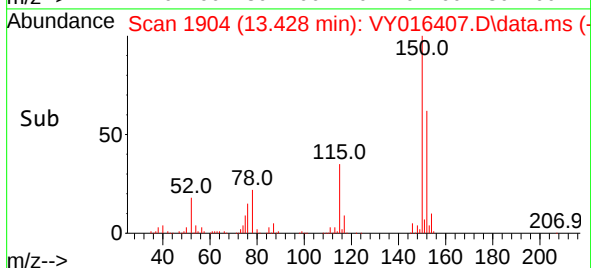
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

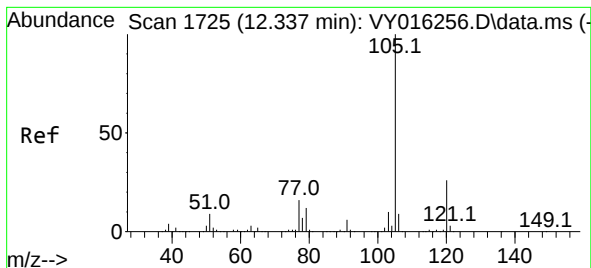


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.007 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09



Tgt Ion:152 Resp: 101271
Ion Ratio Lower Upper
152 100
115 57.6 28.8 86.5
150 164.8 0.0 348.8





#73

Isopropylbenzene

Concen: 19.755 ug/l

RT: 12.330 min Scan# 1725

Delta R.T. -0.007 min

Lab File: VY016407.D

Acq: 17 Nov 2023 13:09

Instrument :

MSVOA_Y

ClientSampleId :

VY1117SBS01

Tgt Ion:105 Resp: 16200

Ion Ratio Lower Upper

105 100

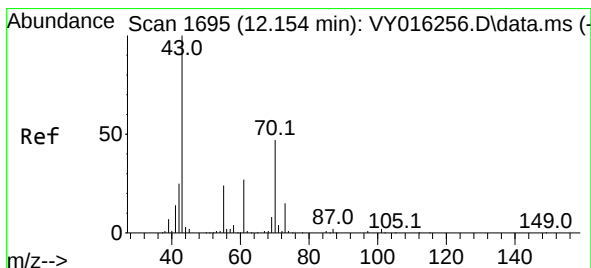
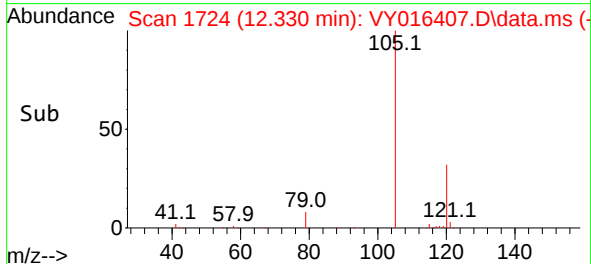
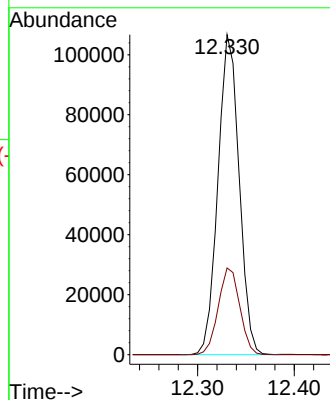
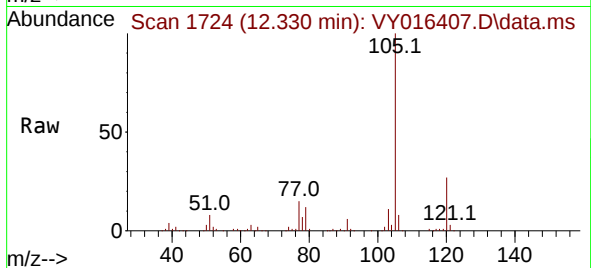
120 27.5 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#74

N-ethyl acetate

Concen: 17.269 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. -0.007 min

Lab File: VY016407.D

Acq: 17 Nov 2023 13:09

Tgt Ion: 43 Resp: 28446

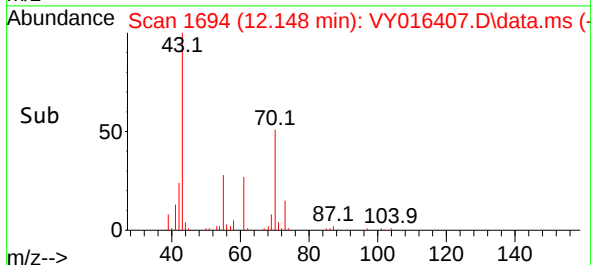
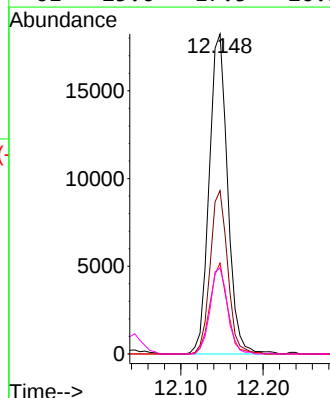
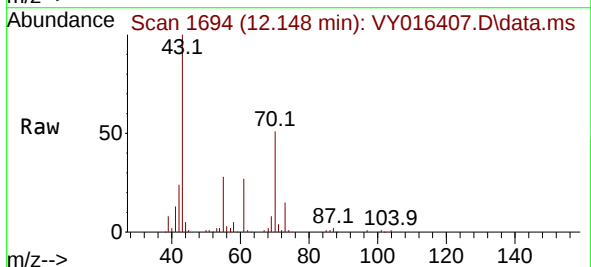
Ion Ratio Lower Upper

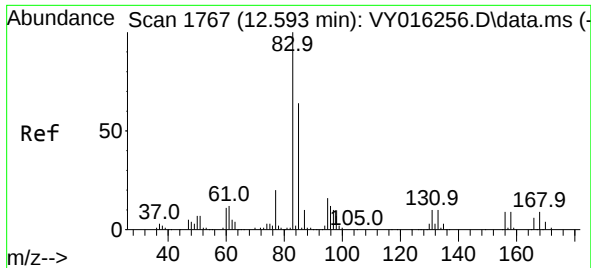
43 100

70 48.5 29.7 44.5

55 26.9 18.3 27.5

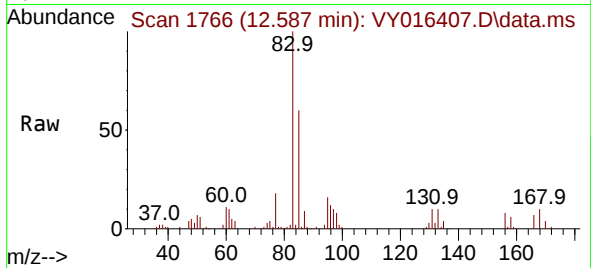
61 25.6 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 19.544 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. -0.007 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

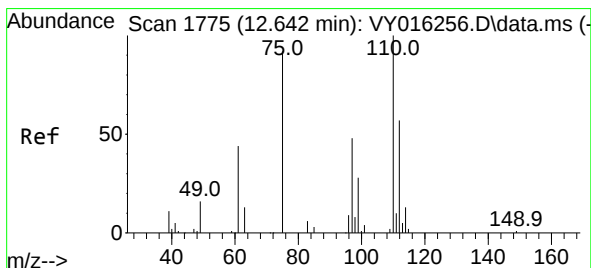
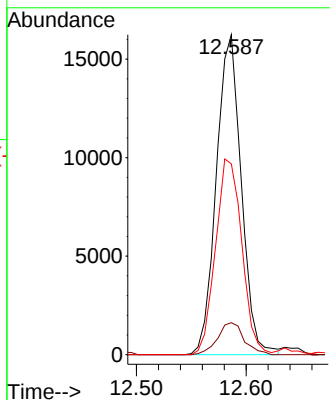
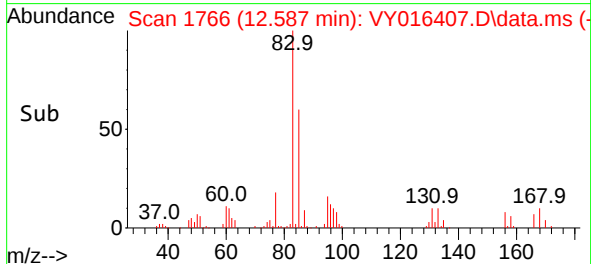
Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBS01



Tgt Ion: 83 Resp: 25718
Ion Ratio Lower Upper
83 100
131 10.6 5.4 16.2
85 64.3 31.8 95.4

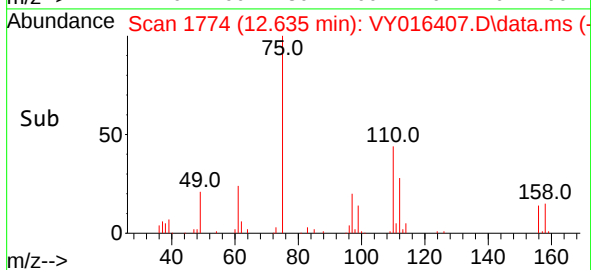
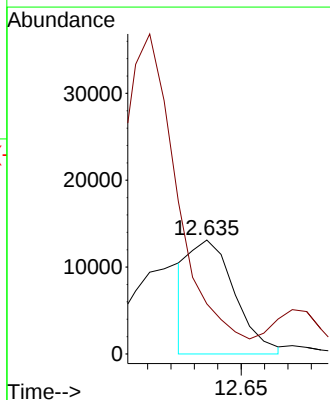
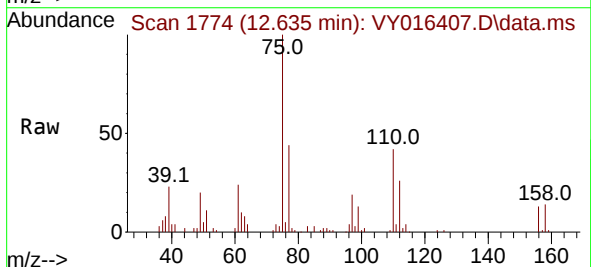
Manual Integrations
APPROVED

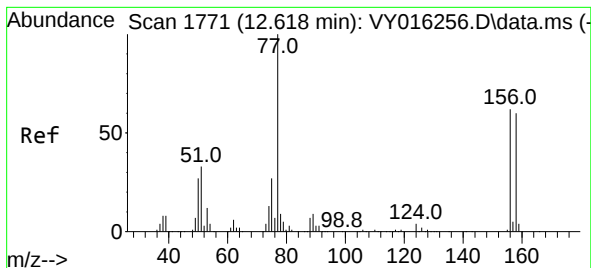
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#76
1,2,3-Trichloropropane
Concen: 18.362 ug/l m
RT: 12.635 min Scan# 1774
Delta R.T. -0.007 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

Tgt Ion: 75 Resp: 17838
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.310 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.007 min

Lab File: VY016407.D

Acq: 17 Nov 2023 13:09

Instrument :

MSVOA_Y

ClientSampleId :

VY1117SBS01

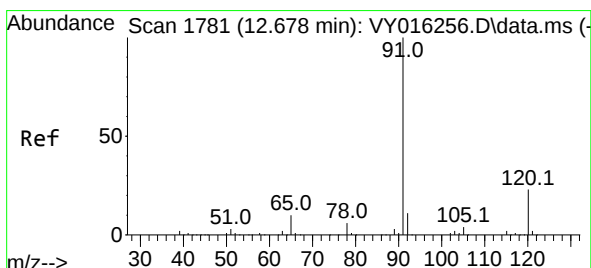
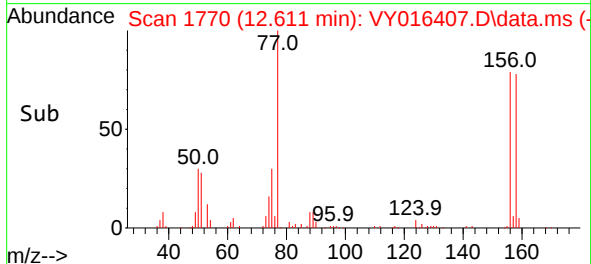
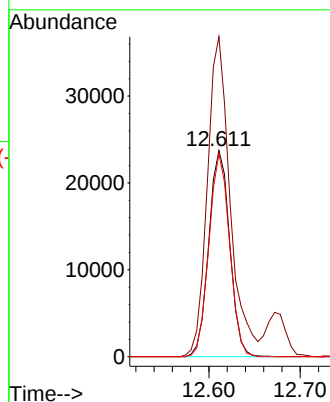
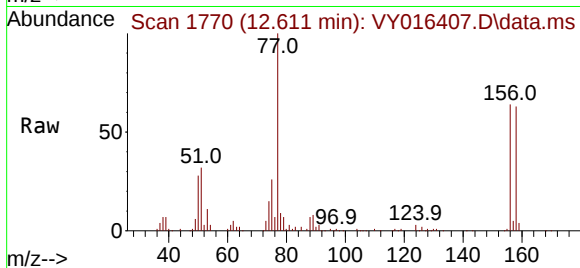
Tgt Ion:	156	Resp:	3764
Ion Ratio	Lower	Upper	
156	100		
77	168.8	92.8	278.6
158	97.0	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#78

n-propylbenzene

Concen: 20.051 ug/l

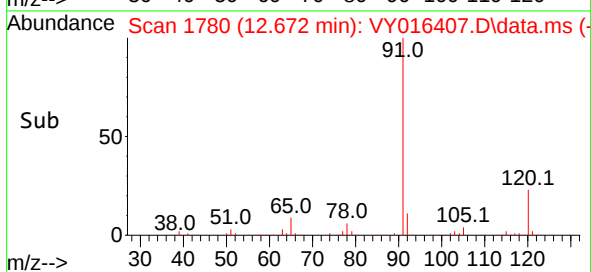
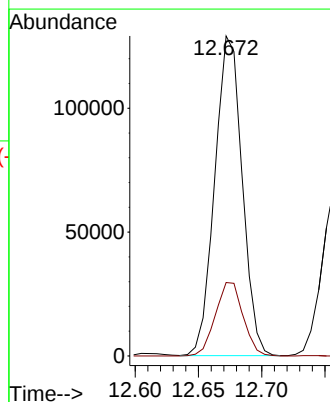
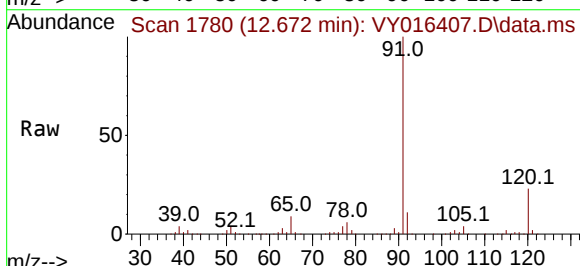
RT: 12.672 min Scan# 1780

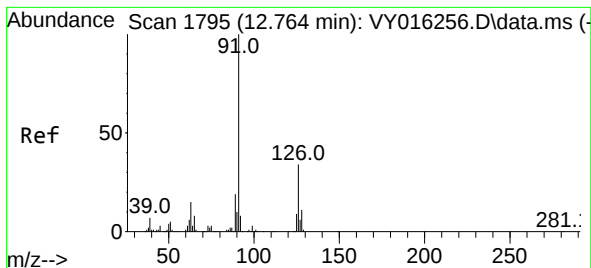
Delta R.T. -0.007 min

Lab File: VY016407.D

Acq: 17 Nov 2023 13:09

Tgt Ion:	91	Resp:	194327
Ion Ratio	Lower	Upper	
91	100		
120	23.3	11.5	34.4





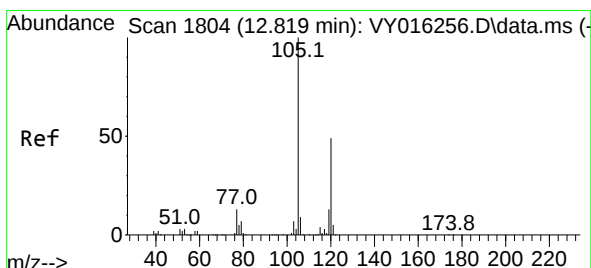
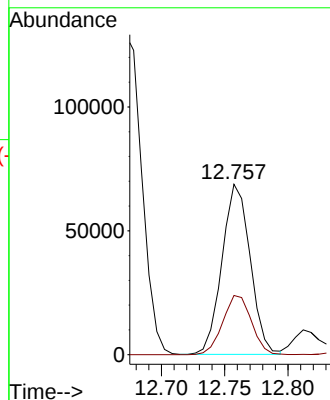
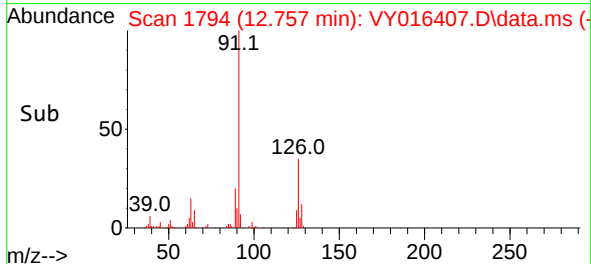
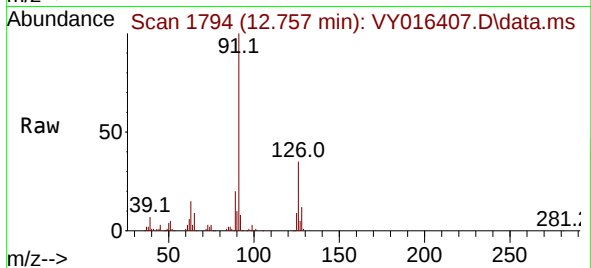
#79
2-Chlorotoluene
Concen: 19.979 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. -0.007 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBS01

Tgt Ion: 91 Resp: 106710
Ion Ratio Lower Upper
91 100
126 35.4 17.3 51.7

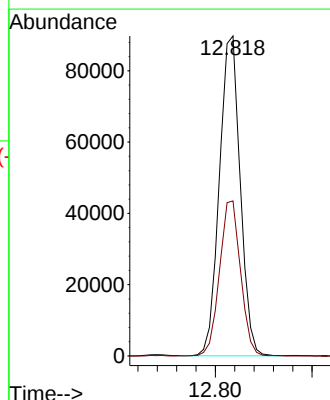
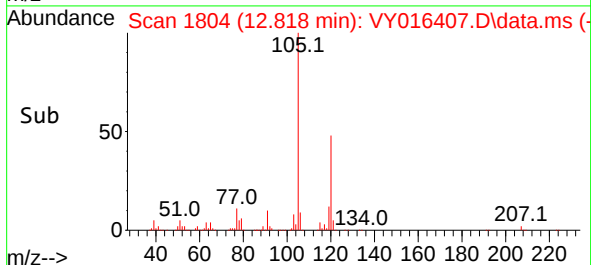
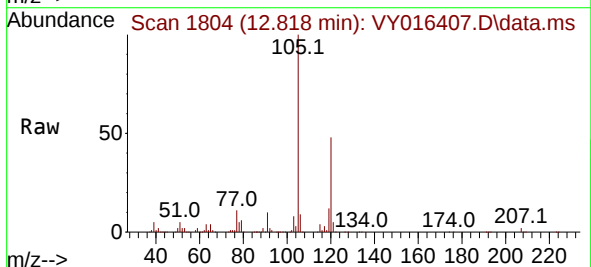
Manual Integrations
APPROVED

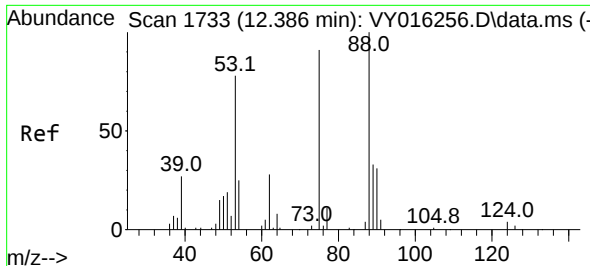
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#80
1,3,5-Trimethylbenzene
Concen: 20.253 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. -0.000 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

Tgt Ion:105 Resp: 133910
Ion Ratio Lower Upper
105 100
120 49.0 23.9 71.7





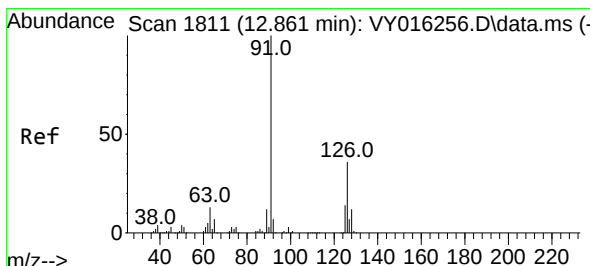
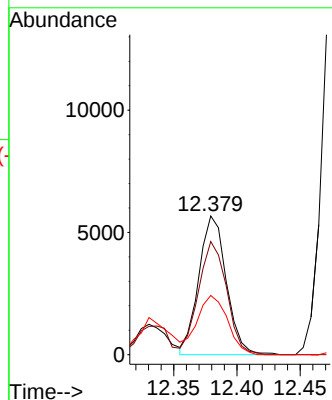
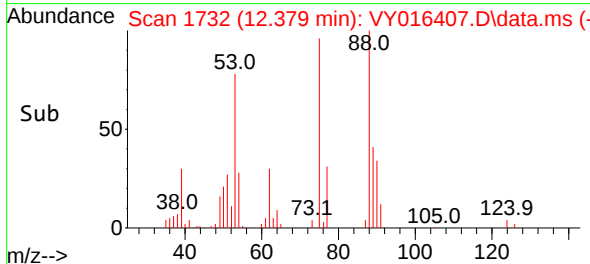
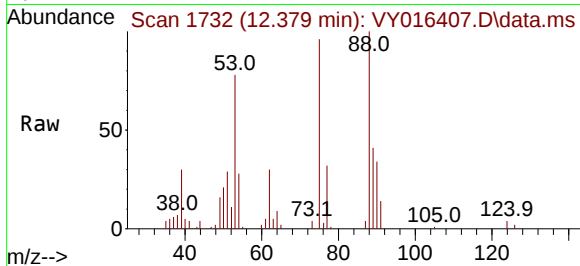
#81
trans-1,4-Dichloro-2-butene
Concen: 19.284 ug/l
RT: 12.379 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBS01

Tgt Ion: 75 Resp: 863
Ion Ratio Lower Upper
75 100
53 82.9 77.8 116.8
89 47.3 37.4 56.0

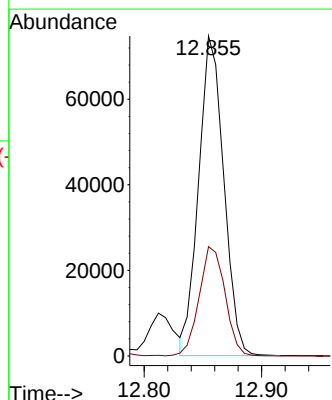
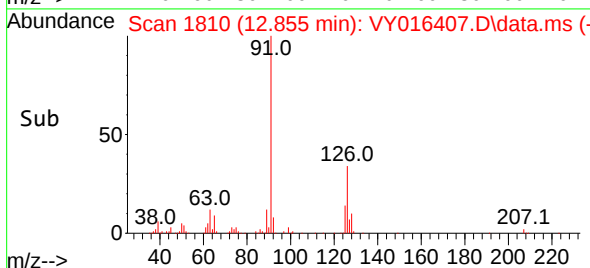
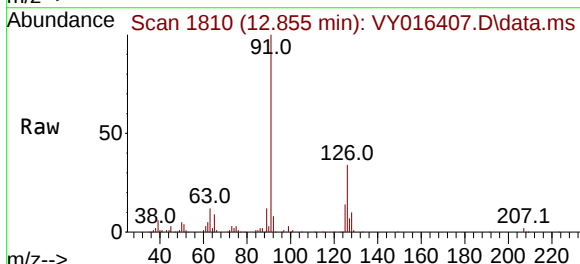
Manual Integrations
APPROVED

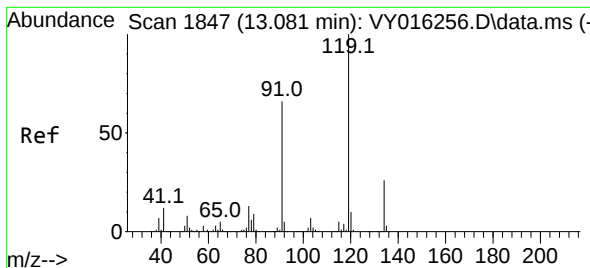
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#82
4-Chlorotoluene
Concen: 20.136 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.007 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

Tgt Ion: 91 Resp: 111130
Ion Ratio Lower Upper
91 100
126 35.3 17.2 51.6





#83

tert-Butylbenzene

Concen: 20.581 ug/l

RT: 13.080 min Scan# 11986

Delta R.T. -0.000 min

Lab File: VY016407.D

Acq: 17 Nov 2023 13:09

Instrument :

MSVOA_Y

ClientSampleId :

VY1117SBS01

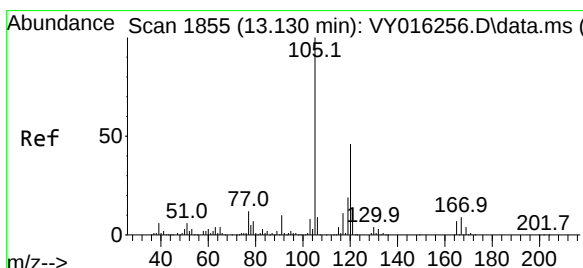
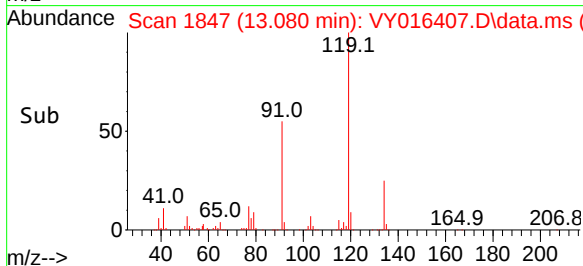
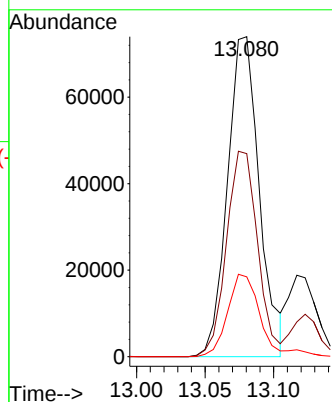
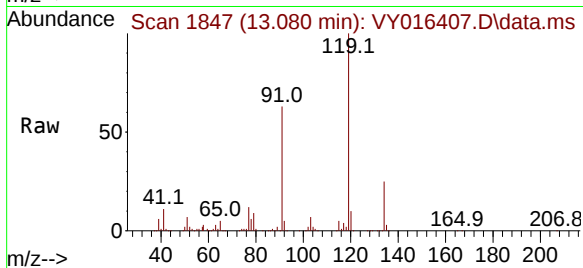
Tgt Ion:	119	Resp:	11986
Ion Ratio	Lower	Upper	
119	100		
91	62.8	32.9	98.6
134	26.6	13.0	38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#84

1,2,4-Trimethylbenzene

Concen: 20.398 ug/l

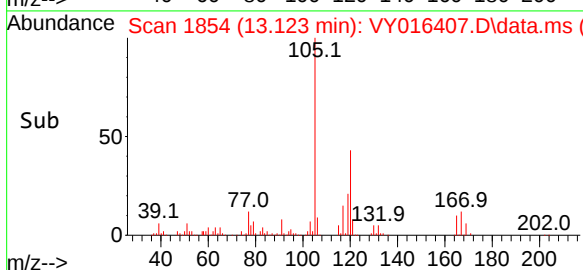
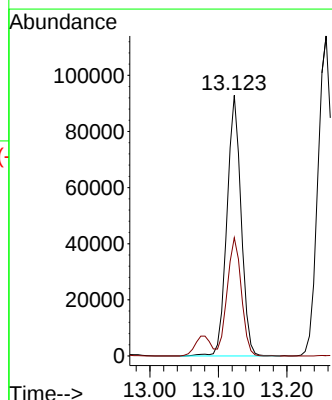
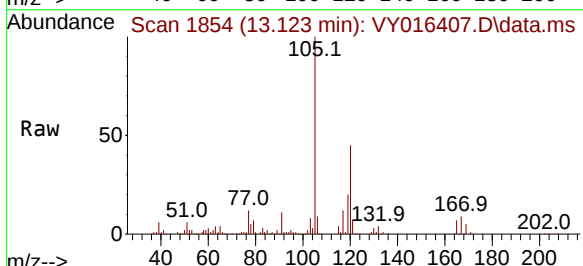
RT: 13.123 min Scan# 1854

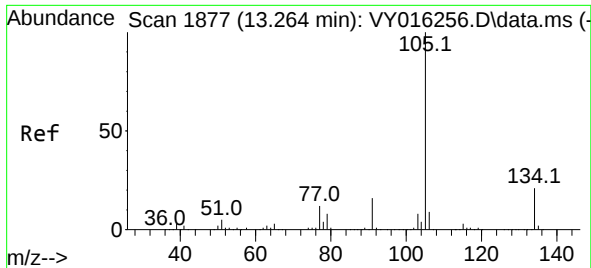
Delta R.T. -0.007 min

Lab File: VY016407.D

Acq: 17 Nov 2023 13:09

Tgt Ion:	105	Resp:	132795
Ion Ratio	Lower	Upper	
105	100		
120	45.2	22.2	66.6





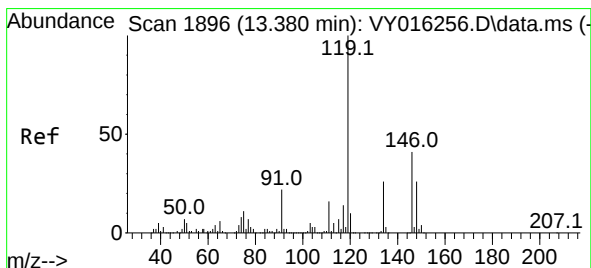
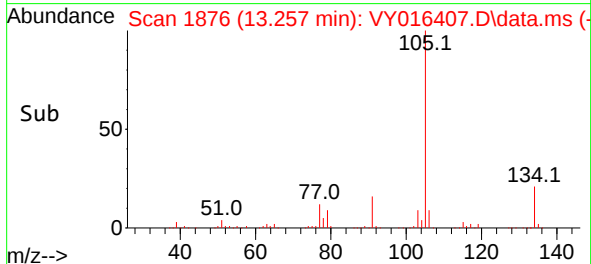
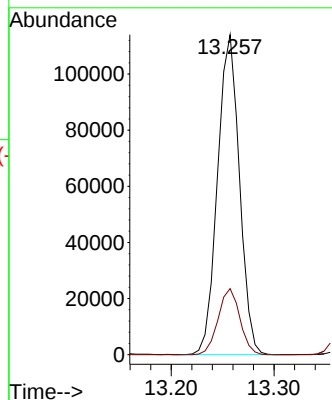
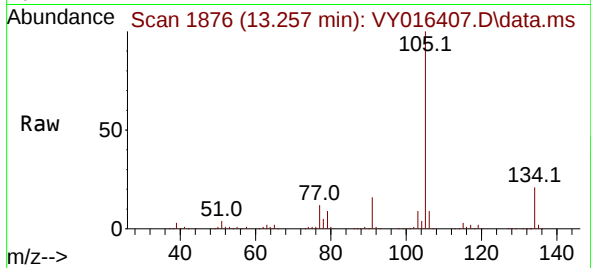
#85
 sec-Butylbenzene
 Concen: 20.259 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. -0.007 min
 Lab File: VY016407.D
 Acq: 17 Nov 2023 13:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1117SBS01

Tgt Ion:105 Resp: 16855
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.6

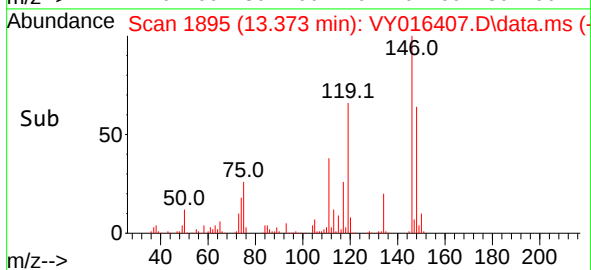
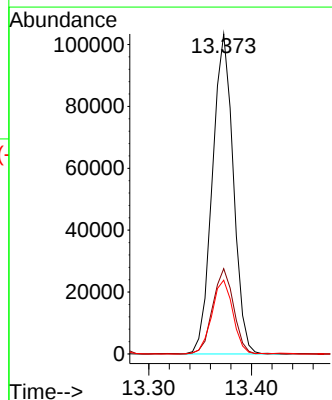
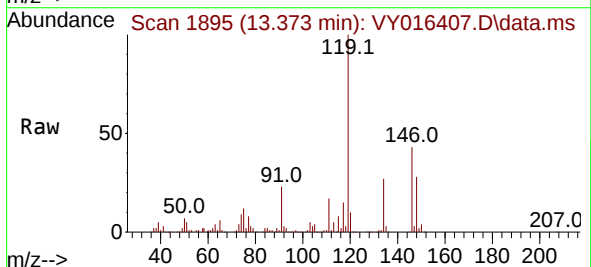
Manual Integrations
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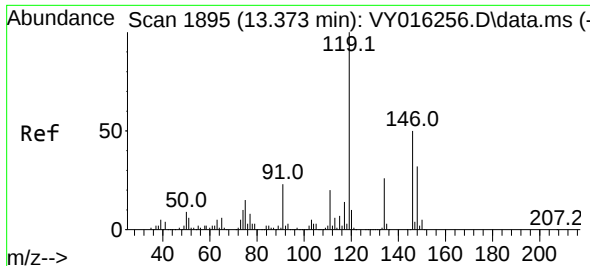
Reviewed By :John Carlone 11/20/2023
 Supervised By :Mahesh Dadoda 11/20/2023



#86
 p-Isopropyltoluene
 Concen: 20.379 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. -0.007 min
 Lab File: VY016407.D
 Acq: 17 Nov 2023 13:09

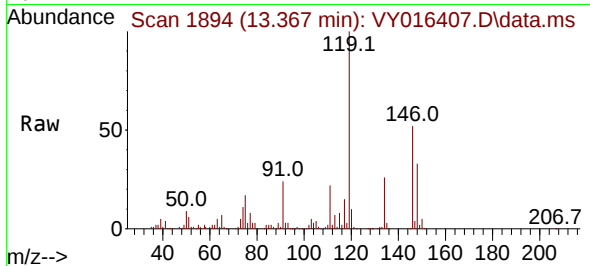
Tgt Ion:119 Resp: 145997
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.8
 91 23.3 12.4 37.4





#87
1,3-Dichlorobenzene
Concen: 20.537 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.007 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

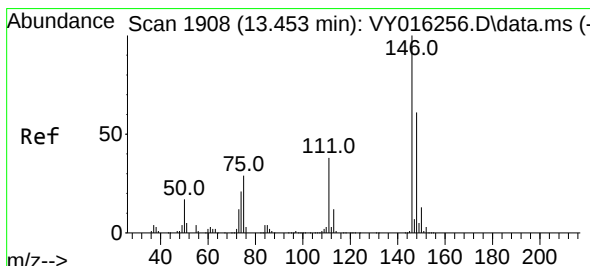
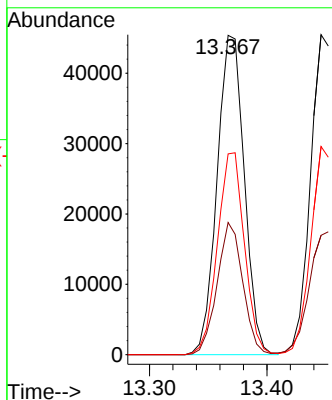
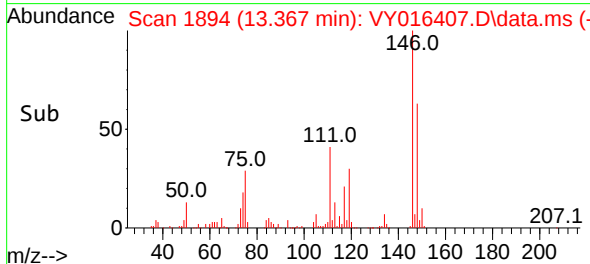
Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBS01



Tgt Ion:146 Resp: 73230
Ion Ratio Lower Upper
146 100
111 39.0 19.4 58.2
148 62.8 31.9 95.5

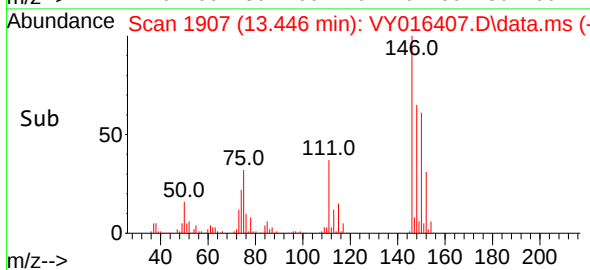
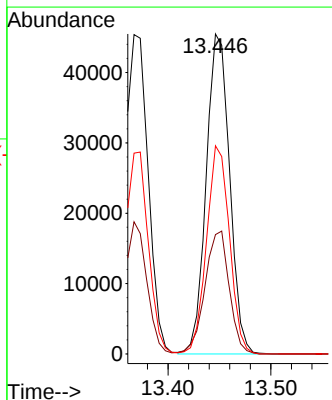
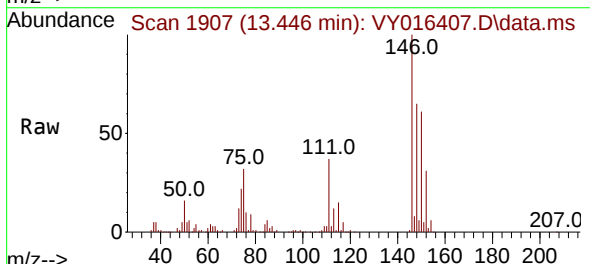
Manual Integrations
APPROVED

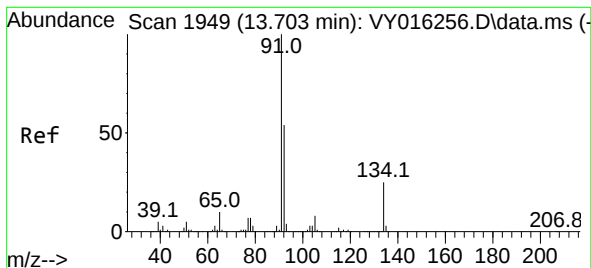
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#88
1,4-Dichlorobenzene
Concen: 20.638 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.007 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

Tgt Ion:146 Resp: 71921
Ion Ratio Lower Upper
146 100
111 40.0 18.9 56.7
148 63.8 32.1 96.5





#89

n-Butylbenzene

Concen: 20.025 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.007 min

Lab File: VY016407.D

Acq: 17 Nov 2023 13:09

Instrument :

MSVOA_Y

ClientSampleId :

VY1117SBS01

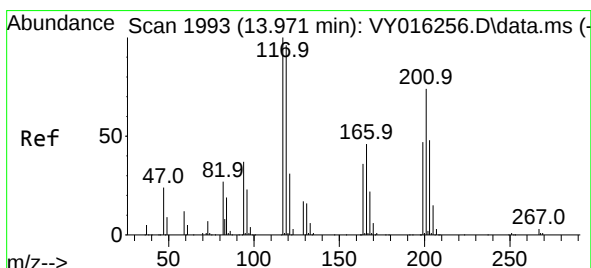
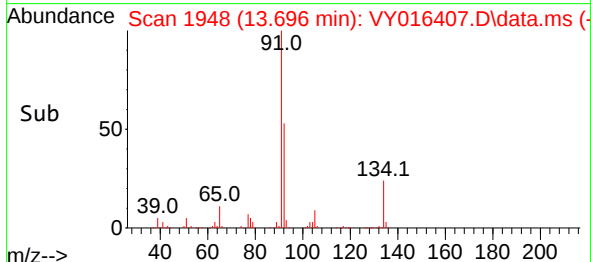
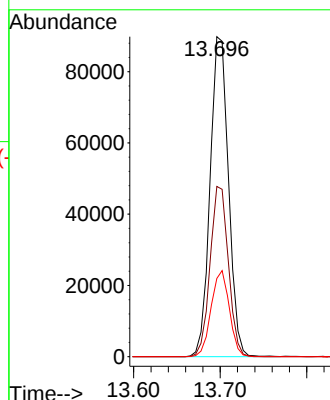
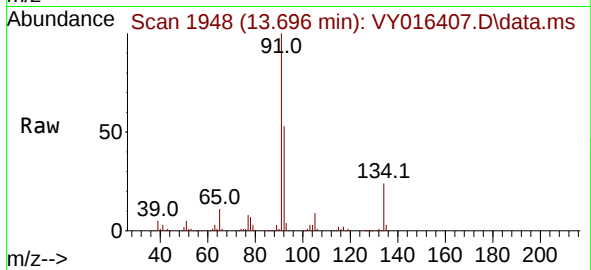
Tgt Ion:	91	Resp:	132490
Ion Ratio	Lower	Upper	
91	100		
92	52.8	25.4	76.0
134	26.6	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#90

Hexachloroethane

Concen: 20.473 ug/l

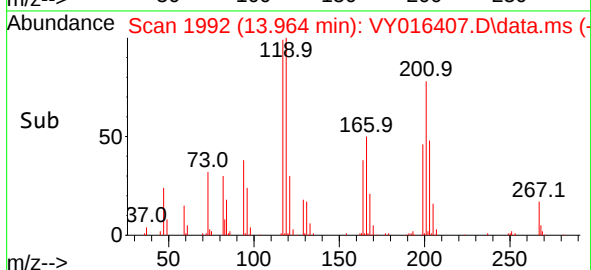
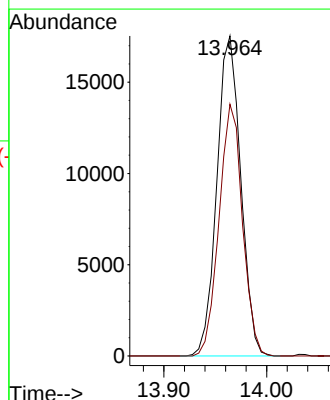
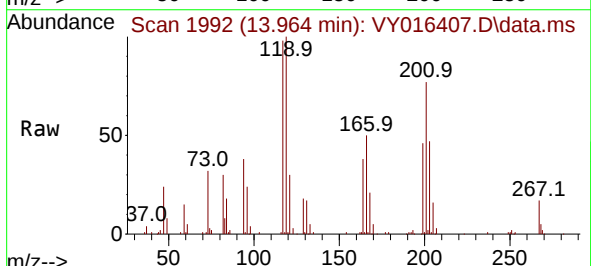
RT: 13.964 min Scan# 1992

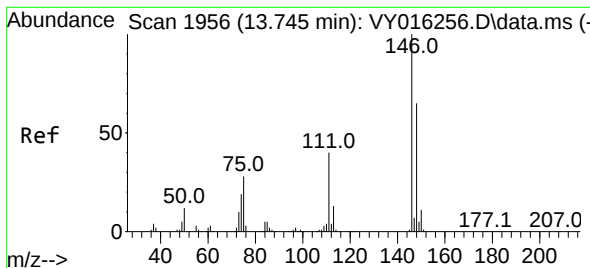
Delta R.T. -0.007 min

Lab File: VY016407.D

Acq: 17 Nov 2023 13:09

Tgt Ion:	117	Resp:	28293
Ion Ratio	Lower	Upper	
117	100		
201	77.1	41.6	124.8





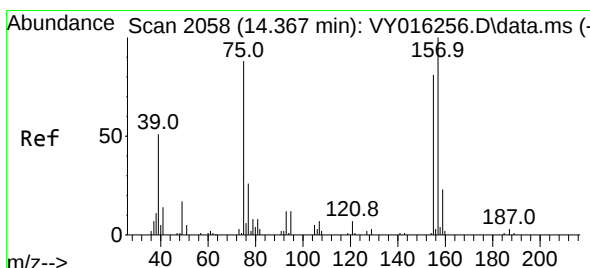
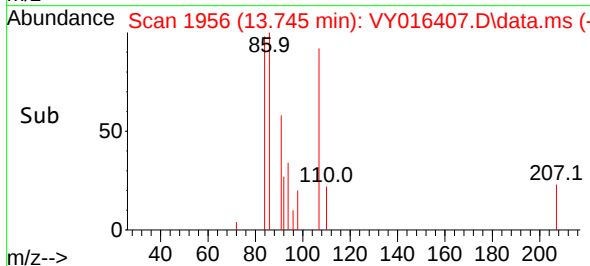
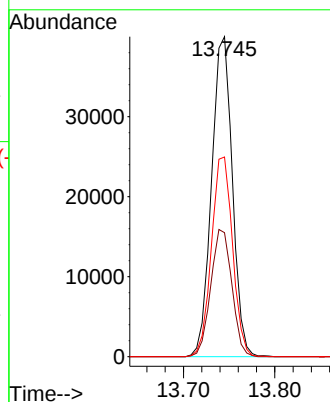
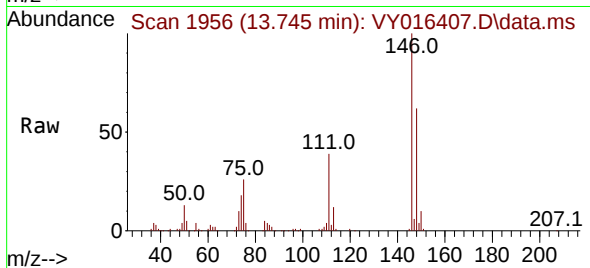
#91
1,2-Dichlorobenzene
Concen: 20.631 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBS01

Tgt Ion:146 Resp: 63039
Ion Ratio Lower Upper
146 100
111 40.4 19.7 59.0
148 63.6 32.0 96.2

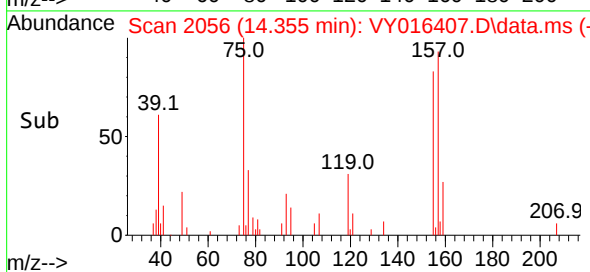
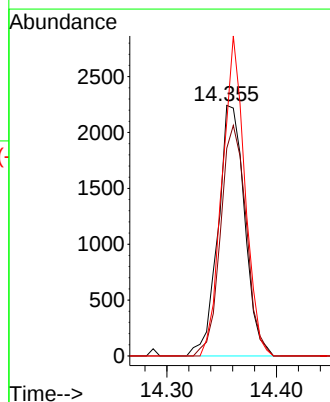
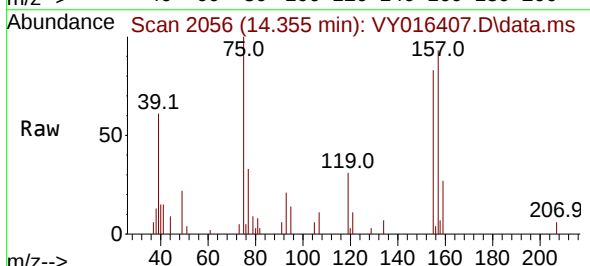
Manual Integrations
APPROVED

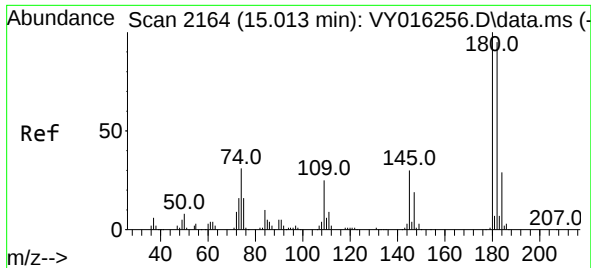
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.045 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.013 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

Tgt Ion: 75 Resp: 3778
Ion Ratio Lower Upper
75 100
155 88.8 41.5 124.6
157 108.9 51.8 155.5





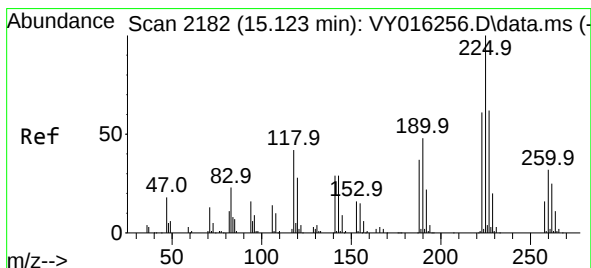
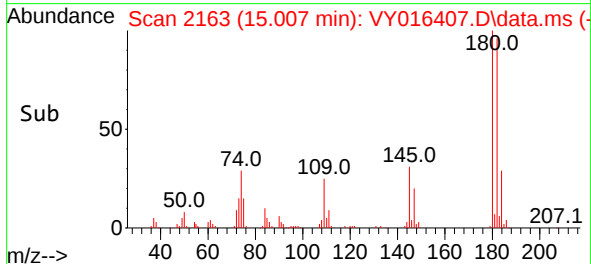
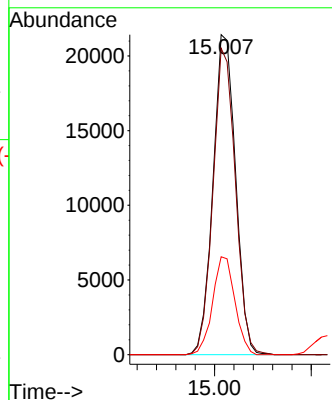
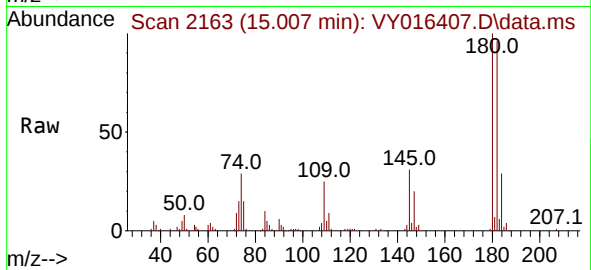
#93
1,2,4-Trichlorobenzene
Concen: 19.457 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. -0.007 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBS01

Tgt Ion:180 Resp: 3470
Ion Ratio Lower Upper
180 100
182 94.9 47.0 141.2
145 30.2 14.5 43.5

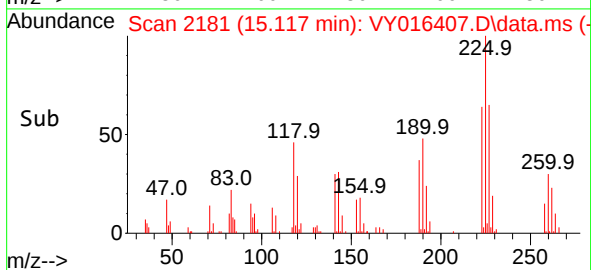
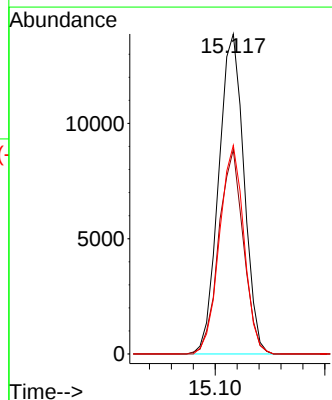
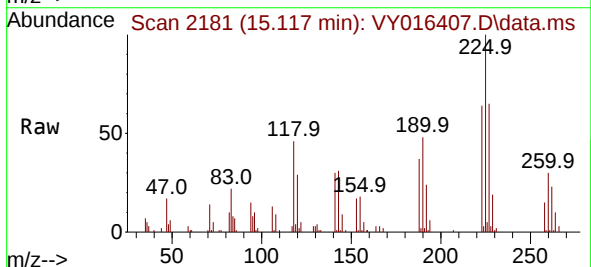
Manual Integrations
APPROVED

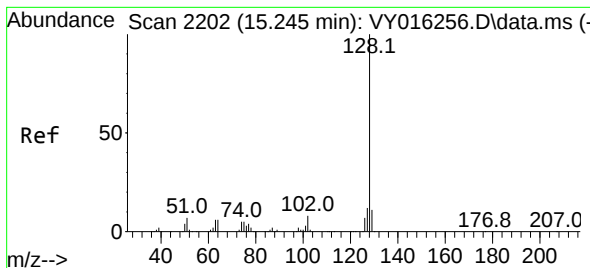
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#94
Hexachlorobutadiene
Concen: 21.776 ug/l
RT: 15.117 min Scan# 2181
Delta R.T. -0.007 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

Tgt Ion:225 Resp: 22251
Ion Ratio Lower Upper
225 100
223 62.1 31.9 95.9
227 63.1 33.0 98.9





#95

Naphthalene

Concen: 17.836 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.007 min

Lab File: VY016407.D

Acq: 17 Nov 2023 13:09

Instrument :

MSVOA_Y

ClientSampleId :

VY1117SBS01

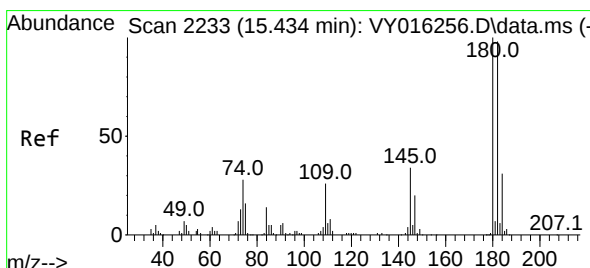
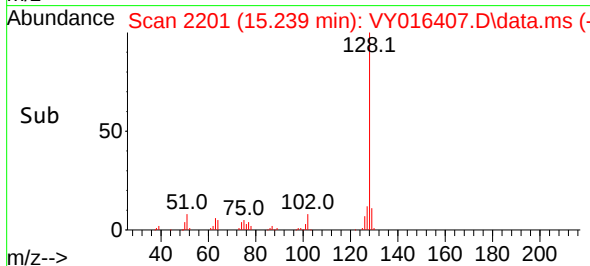
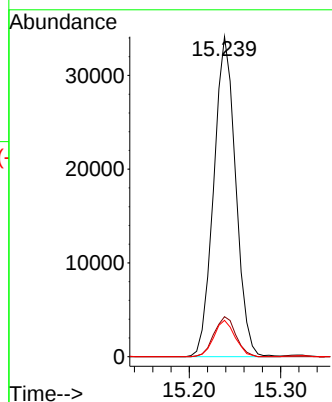
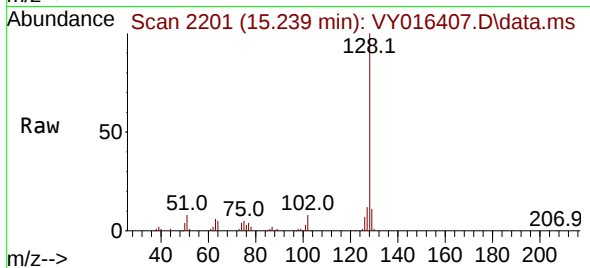
Tgt Ion:	128	Resp:	5689
Ion Ratio	Lower	Upper	
128	100		
127	12.5	10.8	16.2
129	11.0	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#96

1,2,3-Trichlorobenzene

Concen: 18.846 ug/l

RT: 15.427 min Scan# 2232

Delta R.T. -0.007 min

Lab File: VY016407.D

Acq: 17 Nov 2023 13:09

Tgt Ion:	180	Resp:	27802
Ion Ratio	Lower	Upper	
180	100		
182	93.1	47.3	141.8
145	32.4	15.4	46.2

