

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111723\
 Data File : VY016408.D
 Acq On : 17 Nov 2023 14:15
 Operator : SY/MD
 Sample : VY1117SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1117SBS01

Manual Integrations
 APPROVED

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

Quant Time: Nov 18 05:18:38 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

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	159212	50.000	ug/l	-0.02
34) 1,4-Difluorobenzene	8.691	114	253597	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.489	117	221730	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.428	152	108235	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	74440	51.157	ug/l	-0.02
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.320%			
35) Dibromofluoromethane	7.715	113	78304	54.355	ug/l	-0.02
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.720%			
50) Toluene-d8	10.178	98	301215	51.561	ug/l	-0.01
Spiked Amount 50.000	Range 58 - 134		Recovery = 103.120%			
62) 4-Bromofluorobenzene	12.483	95	100997	53.230	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 106.460%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.899	85	30089	19.301	ug/l	93
3) Chloromethane	2.107	50	31874	17.458	ug/l	100
4) Vinyl Chloride	2.247	62	33671	17.151	ug/l	96
5) Bromomethane	2.643	94	21813	16.906	ug/l	96
6) Chloroethane	2.789	64	21686	17.311	ug/l	96
7) Trichlorofluoromethane	3.119	101	56889	19.917	ug/l	99
8) Diethyl Ether	3.527	74	16601	19.446	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.887	101	33957	19.738	ug/l	96
10) Methyl Iodide	4.082	142	33818	18.201	ug/l	98
11) Tert butyl alcohol	4.948	59	12681	111.287	ug/l #	84
12) 1,1-Dichloroethene	3.862	96	29657	18.433	ug/l	89
13) Acrolein	3.728	56	12430	90.438	ug/l	100
14) Allyl chloride	4.472	41	40886	17.908	ug/l #	91
15) Acrylonitrile	5.155	53	36124	106.629	ug/l	96
16) Acetone	3.942	43	34134	141.813	ug/l #	84
17) Carbon Disulfide	4.192	76	76111	15.679	ug/l	97
18) Methyl Acetate	4.472	43	25881	20.235	ug/l #	87
19) Methyl tert-butyl Ether	5.216	73	77980	20.025	ug/l	96
20) Methylene Chloride	4.710	84	44807	24.582	ug/l	88
21) trans-1,2-Dichloroethene	5.210	96	34273	18.501	ug/l	93
22) Diisopropyl ether	6.112	45	92527	18.805	ug/l #	89
23) Vinyl Acetate	6.051	43	227714	95.511	ug/l #	91
24) 1,1-Dichloroethane	6.015	63	58131	19.150	ug/l	94
25) 2-Butanone	6.978	43	49335	117.020	ug/l	92
26) 2,2-Dichloropropane	6.978	77	55995	20.268	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	38373	19.221	ug/l	91
28) Bromochloromethane	7.325	49	21809	19.413	ug/l	85
29) Tetrahydrofuran	7.350	42	27919	100.190	ug/l #	85
30) Chloroform	7.502	83	64405	20.384	ug/l	98
31) Cyclohexane	7.783	56	49156	17.158	ug/l #	82
32) 1,1,1-Trichloroethane	7.697	97	58901	20.337	ug/l	97
36) 1,1-Dichloropropene	7.917	75	45976	18.380	ug/l	97
37) Ethyl Acetate	7.069	43	20832	20.611	ug/l #	95
38) Carbon Tetrachloride	7.898	117	53274	20.520	ug/l	96
39) Methylcyclohexane	9.185	83	55871	17.925	ug/l	90
40) Benzene	8.154	78	138428	19.697	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	11481	22.529	ug/l	92
42) 1,2-Dichloroethane	8.234	62	38058	20.900	ug/l	92
43) Isopropyl Acetate	8.270	43	38165	19.535	ug/l #	88
44) Trichloroethene	8.941	130	39689	19.650	ug/l	95
45) 1,2-Dichloropropane	9.215	63	33124	19.625	ug/l	100
46) Dibromomethane	9.307	93	18631	20.370	ug/l	98
47) Bromodichloromethane	9.496	83	48681	20.703	ug/l	97
48) Methyl methacrylate	9.288	41	21193	19.628	ug/l #	82
49) 1,4-Dioxane	9.294	88	4180	430.476	ug/l #	63
51) 4-Methyl-2-Pentanone	10.069	43	101451	102.690	ug/l	89
52) Toluene	10.245	92	87605	19.720	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	46766	20.516	ug/l	100
54) cis-1,3-Dichloropropene	9.928	75	54625	20.063	ug/l #	86
55) 1,1,2-Trichloroethane	10.642	97	27387	21.725	ug/l	96
56) Ethyl methacrylate	10.508	69	24544	20.625	ug/l #	83
57) 1,3-Dichloropropane	10.788	76	44521	20.718	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	80301	99.517	ug/l	90
59) 2-Hexanone	10.831	43	77751	105.805	ug/l	86
60) Dibromochloromethane	10.983	129	34412	21.826	ug/l	100
61) 1,2-Dibromoethane	11.087	107	25434	21.177	ug/l	99
64) Tetrachloroethene	10.721	164	42684	21.439	ug/l	96
65) Chlorobenzene	11.514	112	95221	20.100	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	36556	20.922	ug/l	97
67) Ethyl Benzene	11.593	91	167397	19.662	ug/l	98
68) m/p-Xylenes	11.703	106	130095	40.287	ug/l	93
69) o-Xylene	12.032	106	60442	20.160	ug/l	95
70) Styrene	12.044	104	88257	20.558	ug/l	98
71) Bromoform	12.209	173	19996	22.055	ug/l #	100
73) Isopropylbenzene	12.330	105	167542	19.116	ug/l	100
74) N-amyl acetate	12.148	43	33208	18.863	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.580	83	28106	19.984	ug/l	100
76) 1,2,3-Trichloropropane	12.635	75	19280m	18.569	ug/l	
77) Bromobenzene	12.611	156	38438	19.404	ug/l	96
78) n-propylbenzene	12.672	91	194667	18.794	ug/l	98
79) 2-Chlorotoluene	12.757	91	108968	19.090	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	136244	19.280	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.379	75	9800	20.487	ug/l	90
82) 4-Chlorotoluene	12.855	91	112618	19.093	ug/l	98
83) tert-Butylbenzene	13.074	119	122179	19.630	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	136438	19.609	ug/l	98
85) sec-Butylbenzene	13.257	105	173476	19.509	ug/l	99
86) p-Isopropyltoluene	13.373	119	150045	19.596	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	74636	19.584	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	74209	19.924	ug/l	99
89) n-Butylbenzene	13.696	91	136410	19.291	ug/l	96
90) Hexachloroethane	13.964	117	28979	19.620	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	66145	20.255	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	4683	20.929	ug/l	94
93) 1,2,4-Trichlorobenzene	15.013	180	39332	20.634	ug/l	98
94) Hexachlorobutadiene	15.117	225	24348	22.295	ug/l	95
95) Naphthalene	15.238	128	70515	20.683	ug/l	99
96) 1,2,3-Trichlorobenzene	15.427	180	33206	21.061	ug/l	98

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ClientSampleId :
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

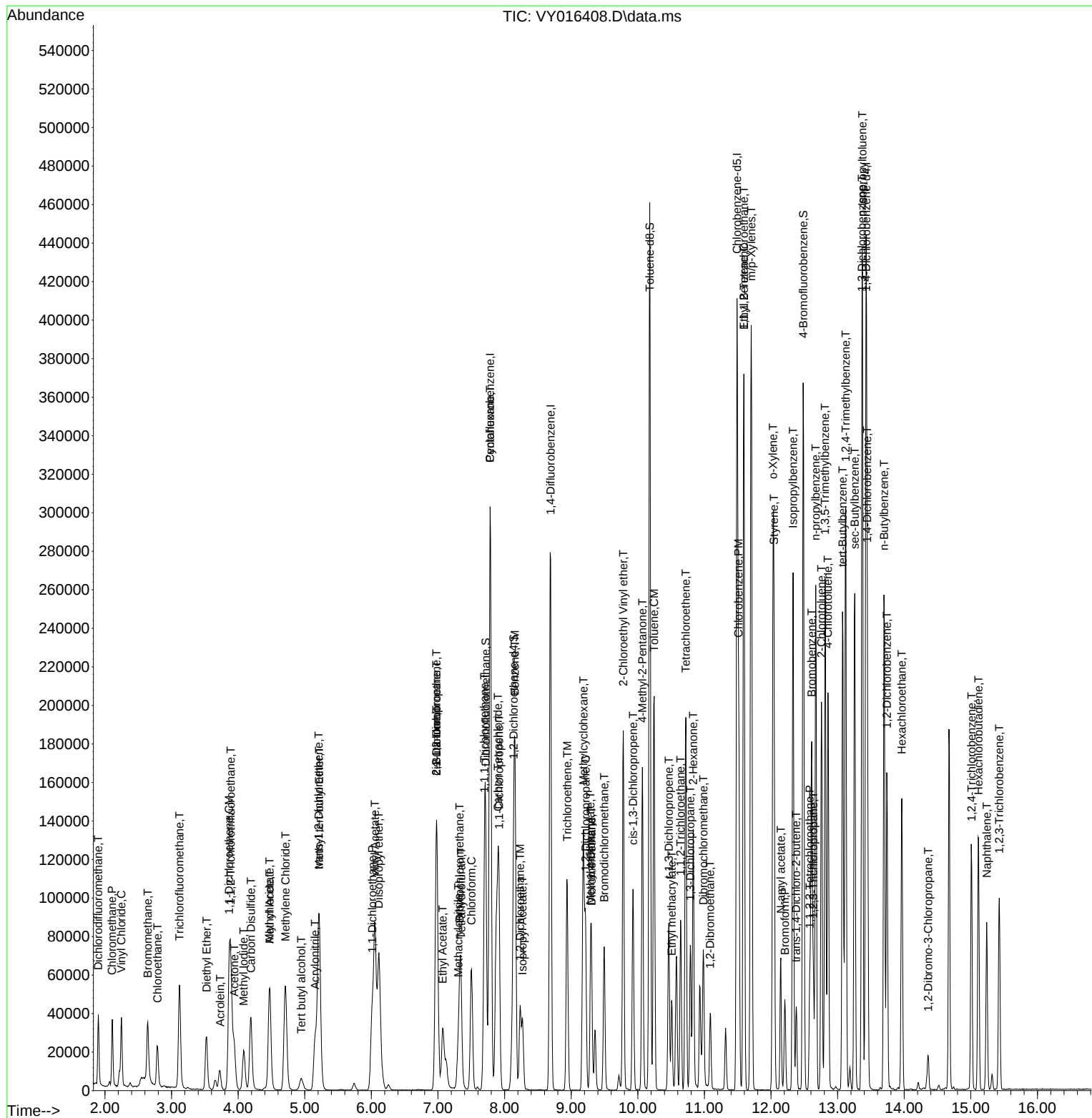
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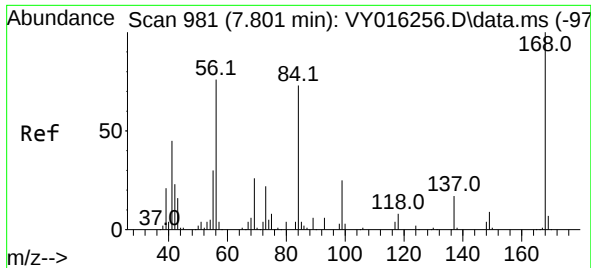
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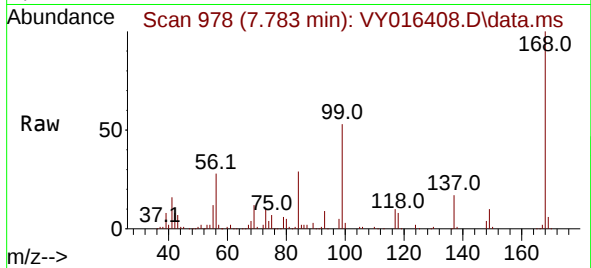
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.018 min
Lab File: VY016408.D
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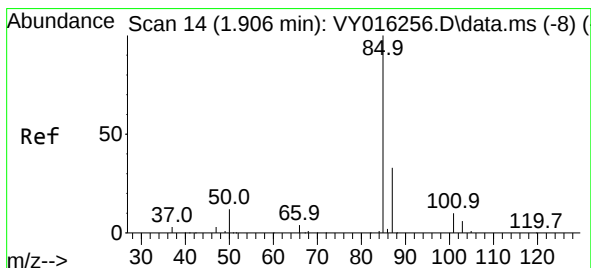
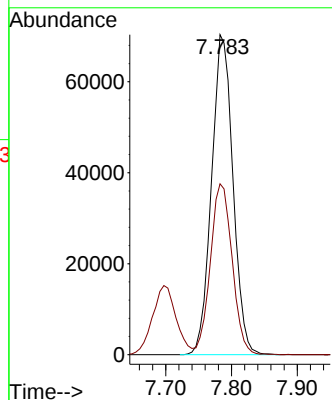
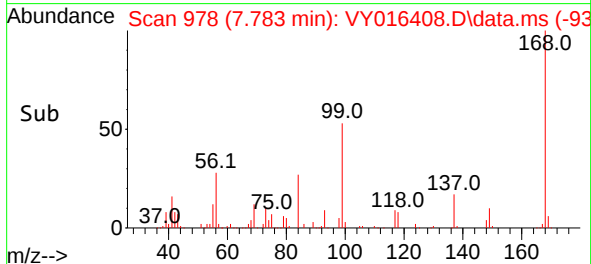
Instrument :
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Tgt Ion:168 Resp: 15921
Ion Ratio Lower Upper
168 100
99 53.4 43.4 65.0

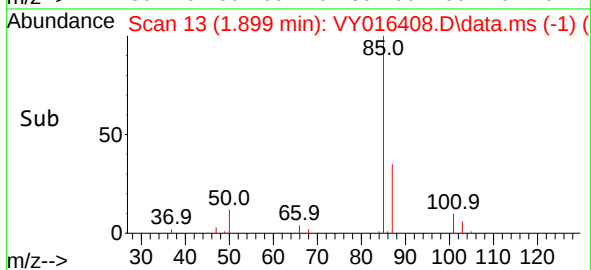
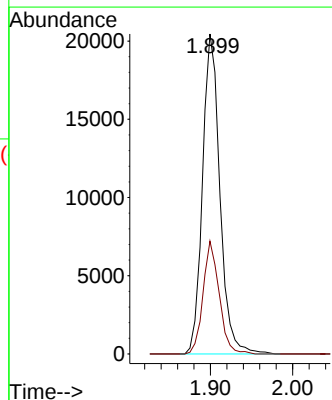
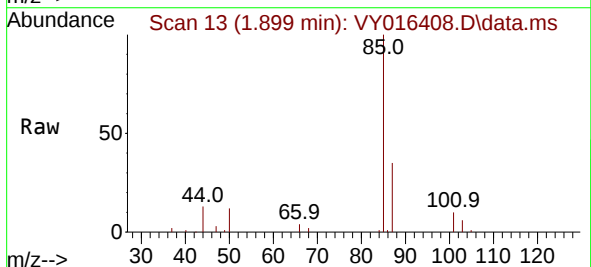
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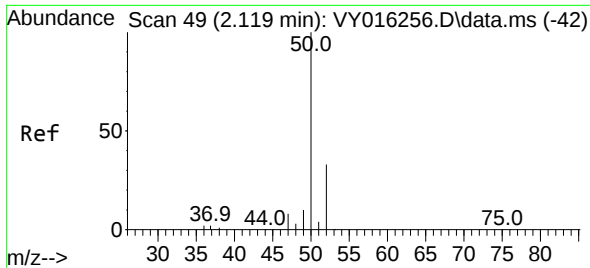
Reviewed By :John Carlone 11/20/2023
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#2
Dichlorodifluoromethane
Concen: 19.301 ug/l
RT: 1.899 min Scan# 13
Delta R.T. -0.007 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

Tgt Ion: 85 Resp: 30089
Ion Ratio Lower Upper
85 100
87 35.3 15.6 46.8





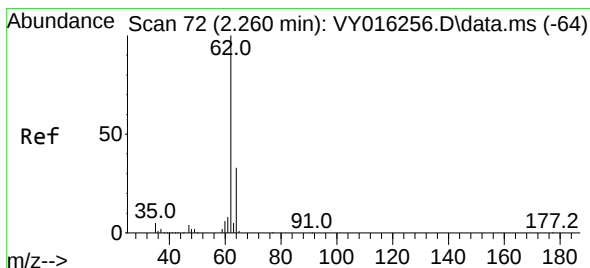
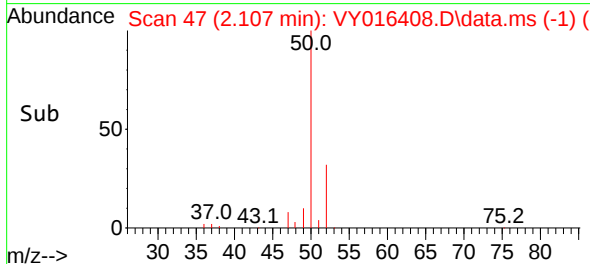
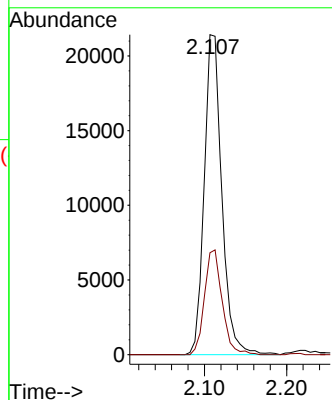
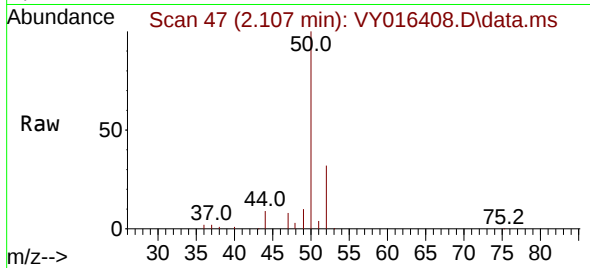
#3
Chloromethane
Concen: 17.458 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.013 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

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Tgt Ion: 50 Resp: 31874
Ion Ratio Lower Upper
50 100
52 31.8 25.4 38.2

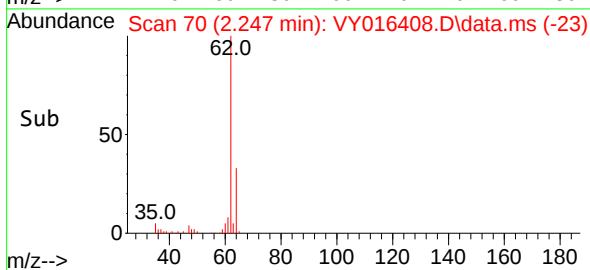
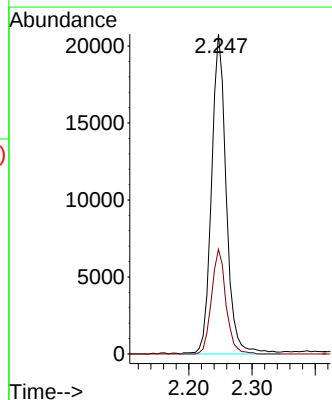
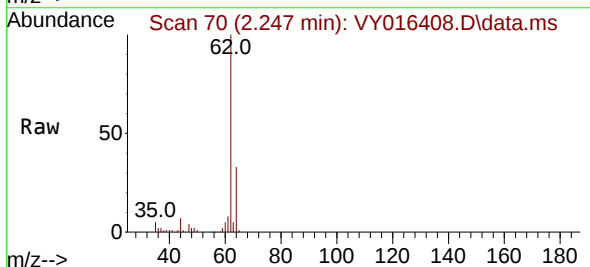
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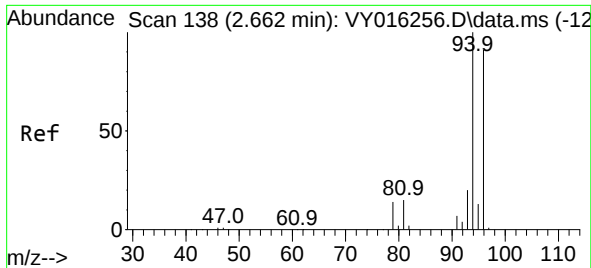
Reviewed By :John Carlone 11/20/2023
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#4
Vinyl Chloride
Concen: 17.151 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.013 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

Tgt Ion: 62 Resp: 33671
Ion Ratio Lower Upper
62 100
64 32.7 24.3 36.5





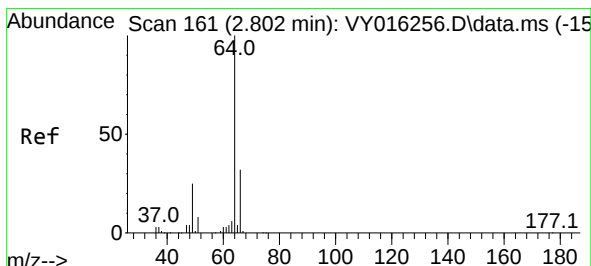
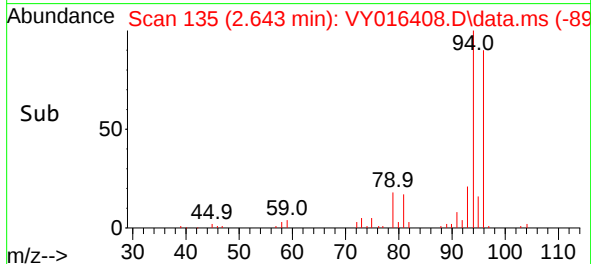
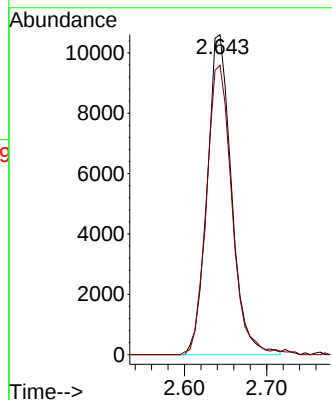
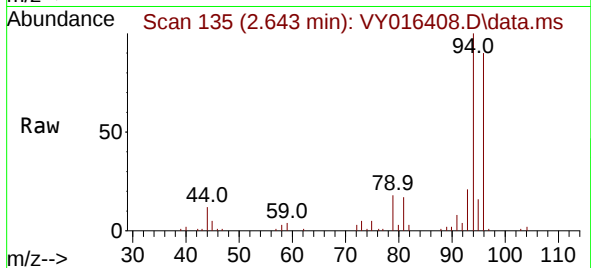
#5
Bromomethane
Concen: 16.906 ug/l
RT: 2.643 min Scan# 11
Delta R.T. -0.019 min
Lab File: VY016408.D
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Tgt Ion: 94 Resp: 2181
Ion Ratio Lower Upper
94 100
96 90.4 75.8 113.6

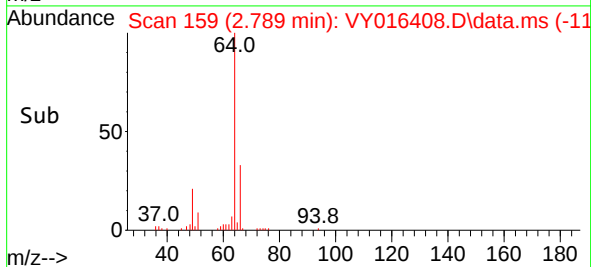
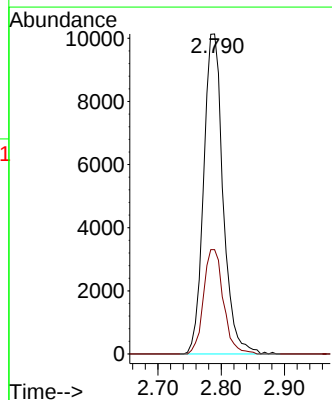
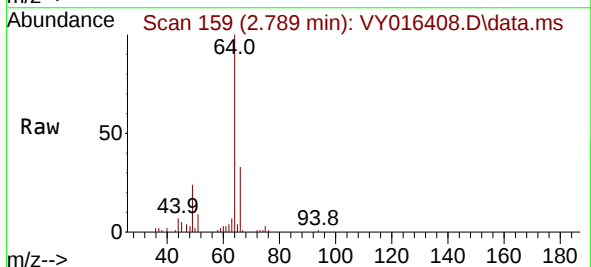
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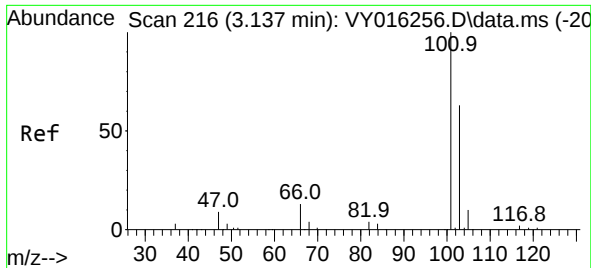
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#6
Chloroethane
Concen: 17.311 ug/l
RT: 2.789 min Scan# 159
Delta R.T. -0.013 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

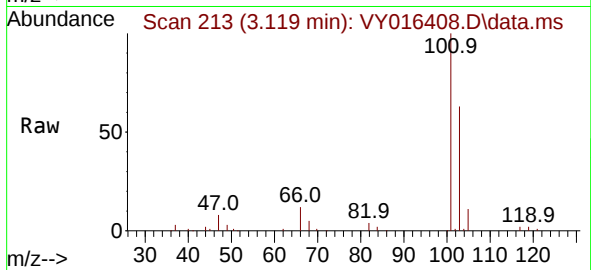
Tgt Ion: 64 Resp: 21686
Ion Ratio Lower Upper
64 100
66 32.6 24.4 36.6





#7
 Trichlorofluoromethane
 Concen: 19.917 ug/l
 RT: 3.119 min Scan# 216
 Delta R.T. -0.019 min
 Lab File: VY016408.D
 Acq: 17 Nov 2023 14:15

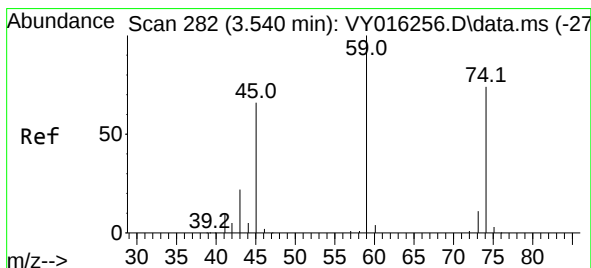
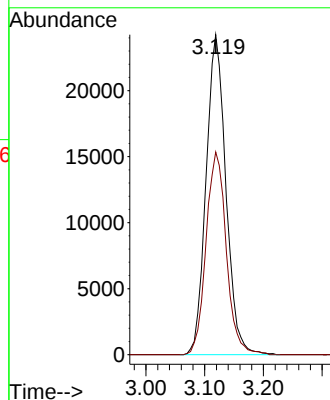
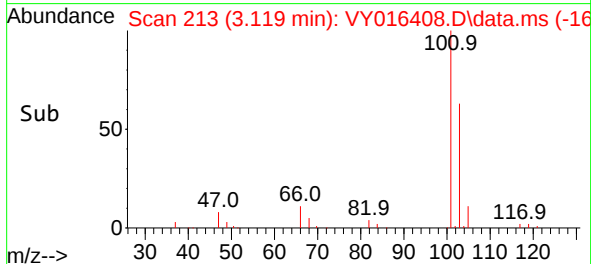
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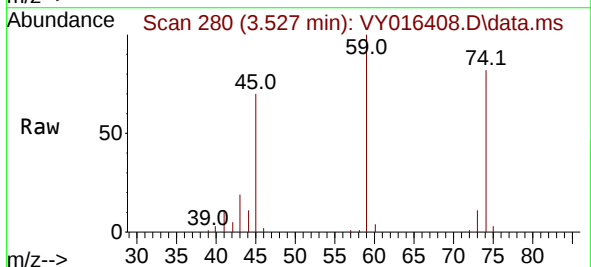
Tgt Ion:101 Resp: 5688
 Ion Ratio Lower Upper
 101 100
 103 63.3 51.4 77.0

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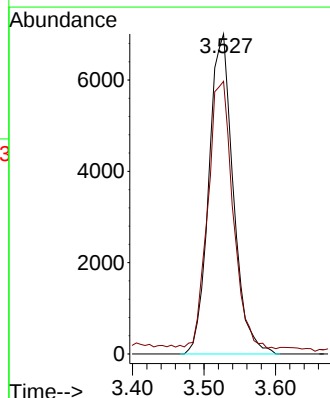
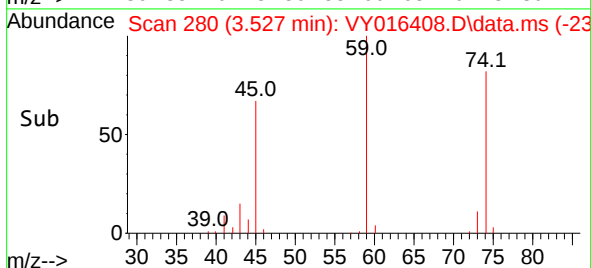
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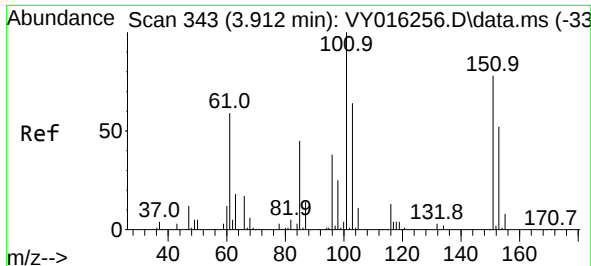


#8
 Diethyl Ether
 Concen: 19.446 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. -0.013 min
 Lab File: VY016408.D
 Acq: 17 Nov 2023 14:15



Tgt Ion: 74 Resp: 16601
 Ion Ratio Lower Upper
 74 100
 45 86.0 51.5 154.5





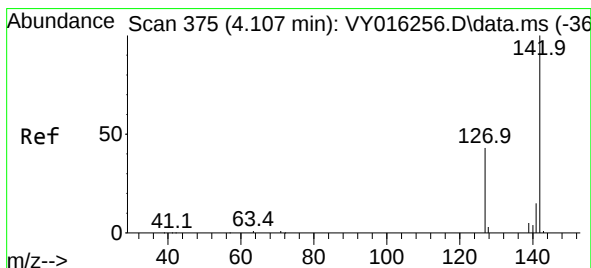
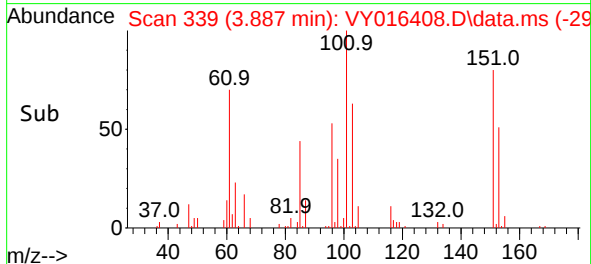
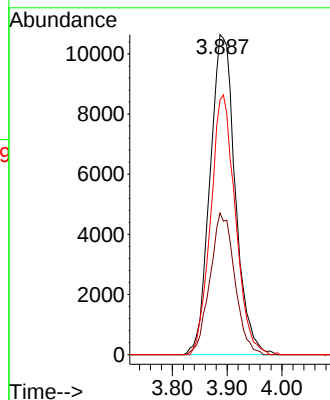
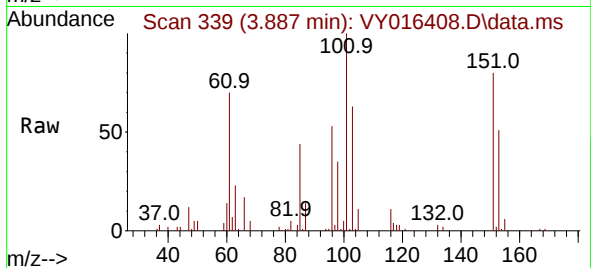
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.738 ug/l
RT: 3.887 min Scan# 311
Delta R.T. -0.025 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBSD01

Tgt Ion:101 Resp: 3395
Ion Ratio Lower Upper
101 100
85 43.5 36.6 55.0
151 79.5 67.0 100.6

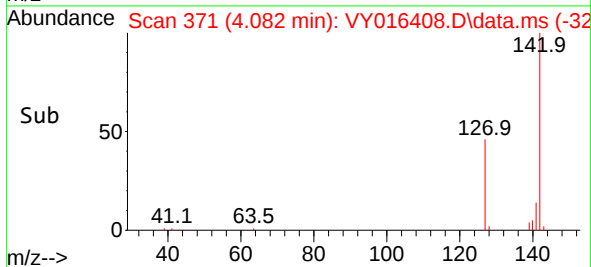
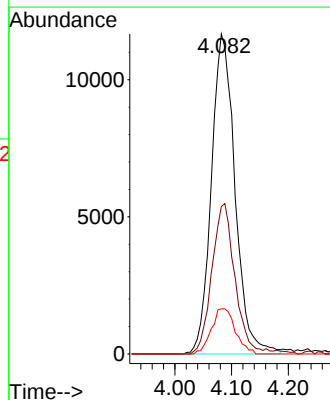
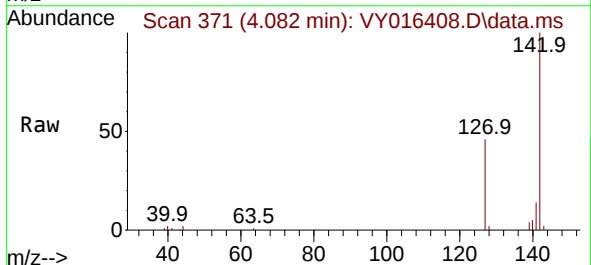
Manual Integrations
APPROVED

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



#10
Methyl Iodide
Concen: 18.201 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.025 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

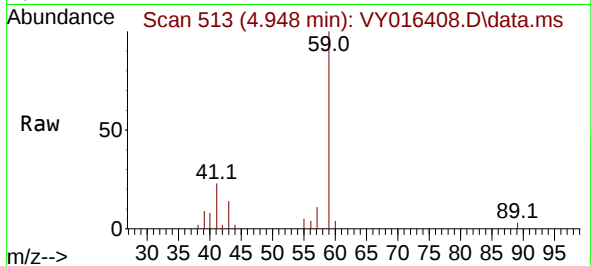
Tgt Ion:142 Resp: 33818
Ion Ratio Lower Upper
142 100
127 45.8 37.6 56.4
141 14.3 11.8 17.8





#11
Tert butyl alcohol
Concen: 111.287 ug/l
RT: 4.948 min Scan# 517
Delta R.T. -0.025 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

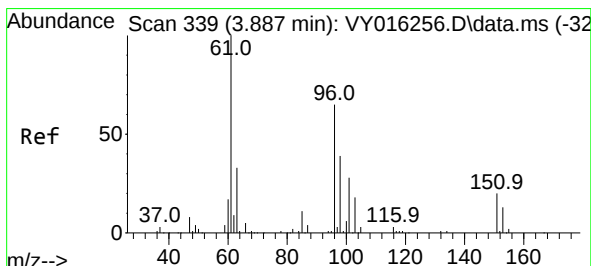
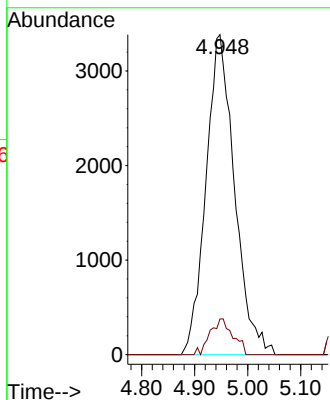
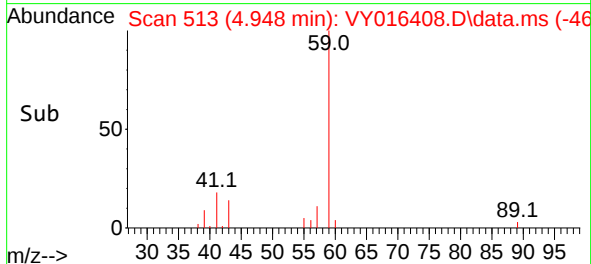
Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBSD01



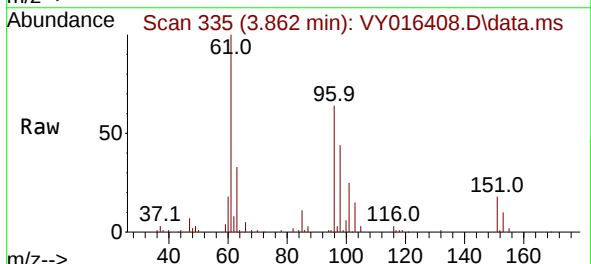
Tgt Ion: 59 Resp: 1268
Ion Ratio Lower Upper
59 100
57 8.9 3.0 4.4

Manual Integrations
APPROVED

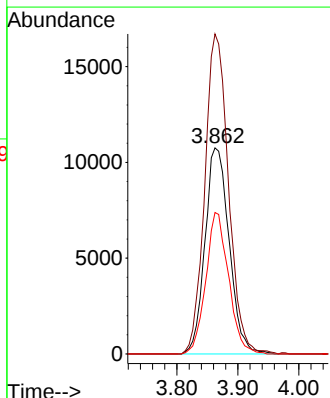
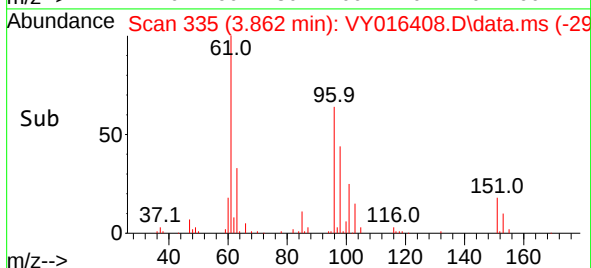
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

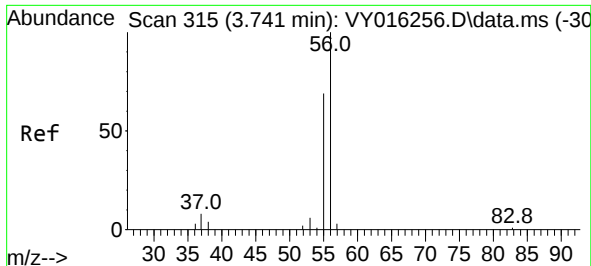


#12
1,1-Dichloroethene
Concen: 18.433 ug/l
RT: 3.862 min Scan# 335
Delta R.T. -0.025 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15



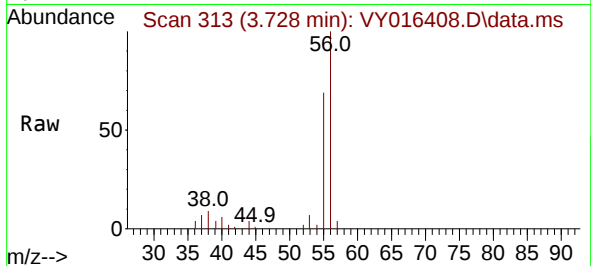
Tgt Ion: 96 Resp: 29657
Ion Ratio Lower Upper
96 100
61 155.3 136.4 204.6
98 68.7 49.4 74.2





#13
Acrolein
Concen: 90.438 ug/l
RT: 3.728 min Scan# 315
Delta R.T. -0.013 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

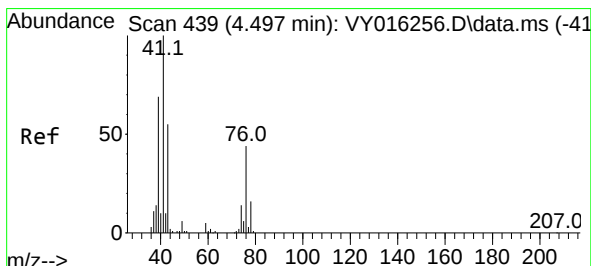
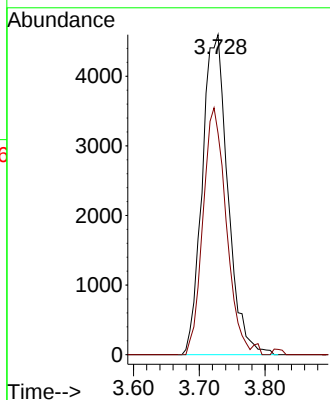
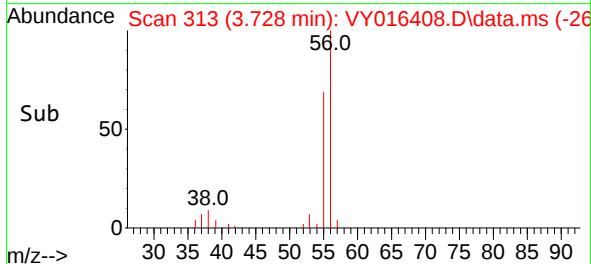
Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBSD01



Tgt Ion: 56 Resp: 12430
Ion Ratio Lower Upper
56 100
55 70.8 57.0 85.4

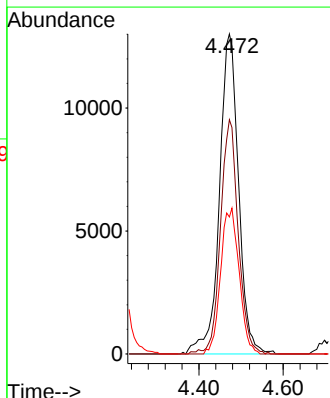
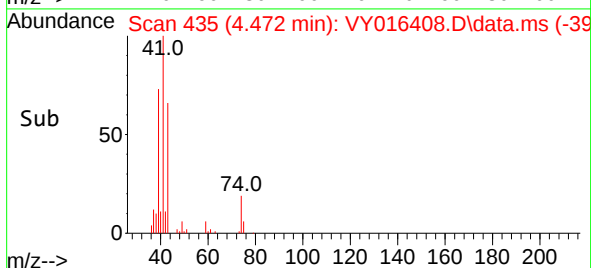
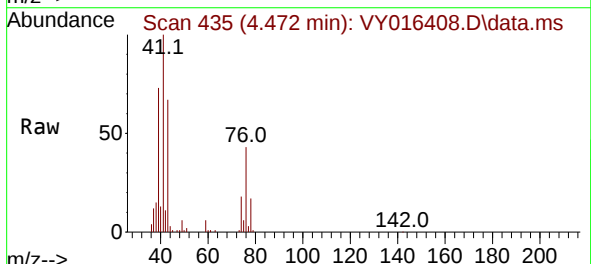
Manual Integrations
APPROVED

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



#14
Allyl chloride
Concen: 17.908 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.025 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

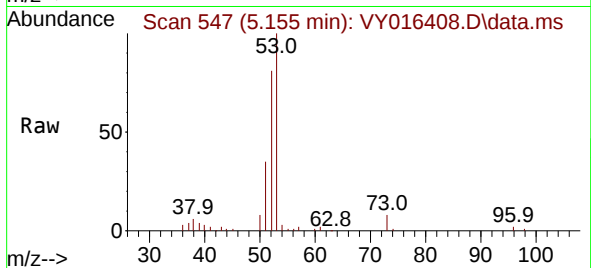
Tgt Ion: 41 Resp: 40886
Ion Ratio Lower Upper
41 100
39 67.9 58.0 87.0
76 44.0 27.4 41.2#





#15
Acrylonitrile
Concen: 106.629 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.025 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

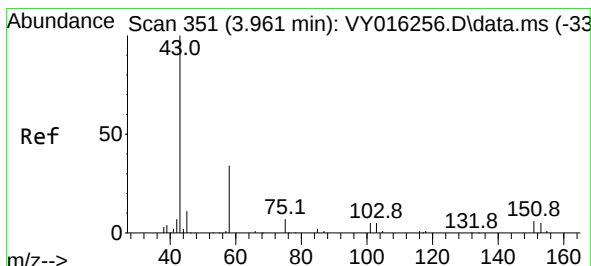
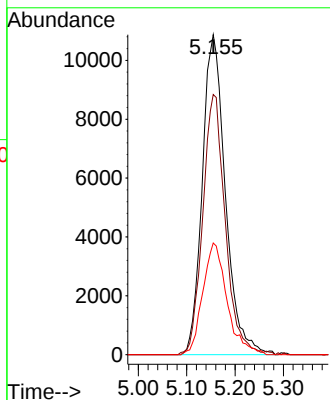
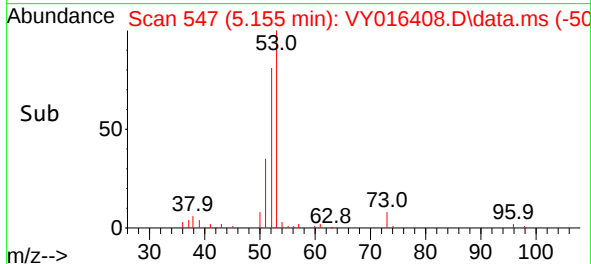
Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBSD01



Tgt Ion: 53 Resp: 36124
Ion Ratio Lower Upper
53 100
52 79.0 66.9 100.3
51 36.7 29.8 44.6

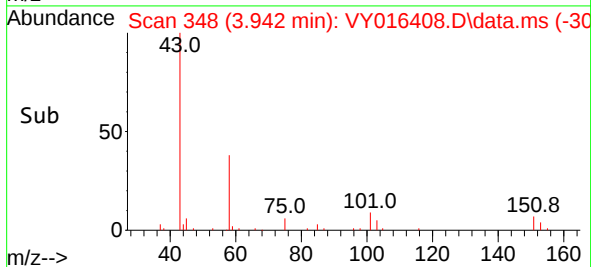
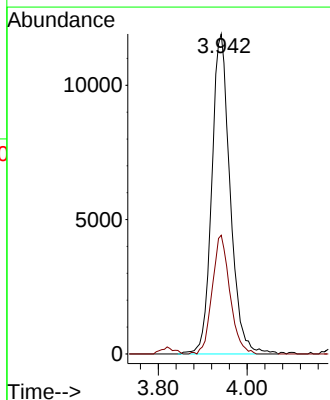
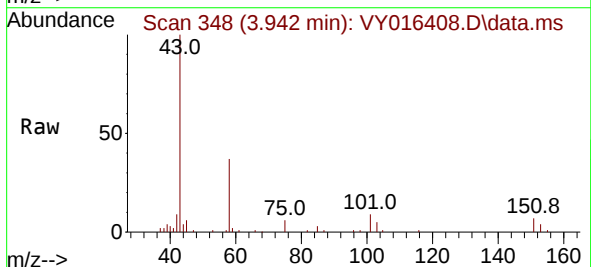
Manual Integrations
APPROVED

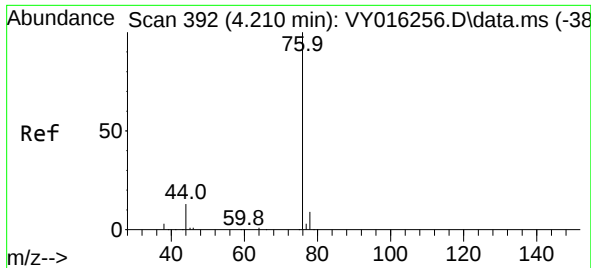
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#16
Acetone
Concen: 141.813 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.019 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

Tgt Ion: 43 Resp: 34134
Ion Ratio Lower Upper
43 100
58 37.1 22.7 34.1#





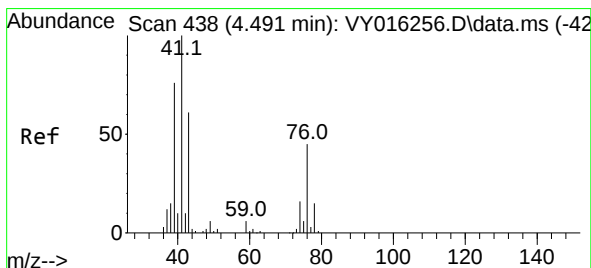
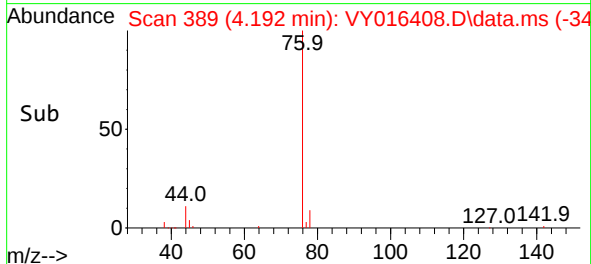
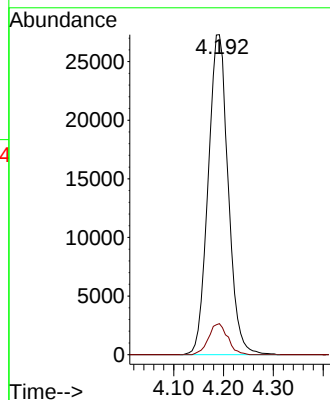
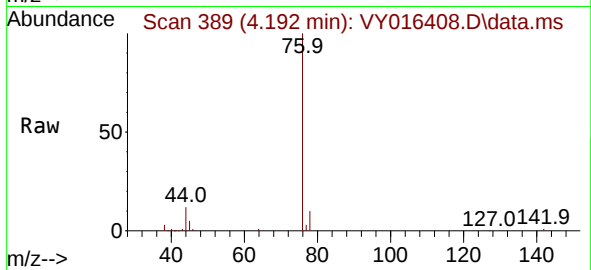
#17
Carbon Disulfide
Concen: 15.679 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.019 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBSD01

Tgt Ion: 76 Resp: 7611
Ion Ratio Lower Upper
76 100
78 9.7 7.0 10.4

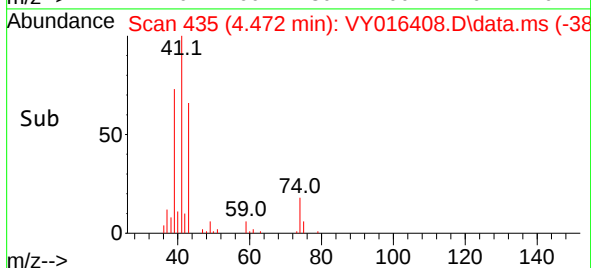
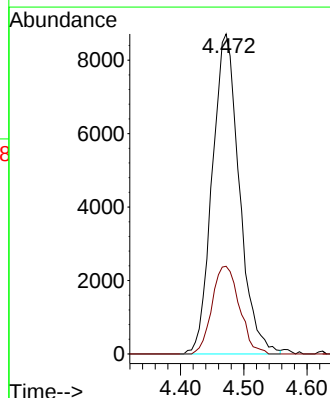
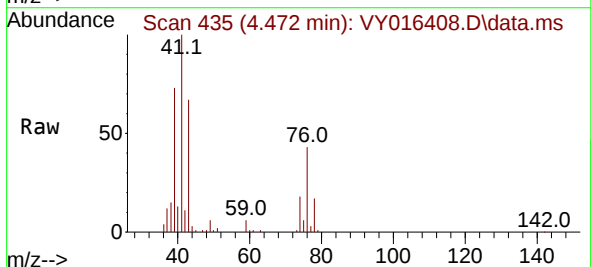
Manual Integrations
APPROVED

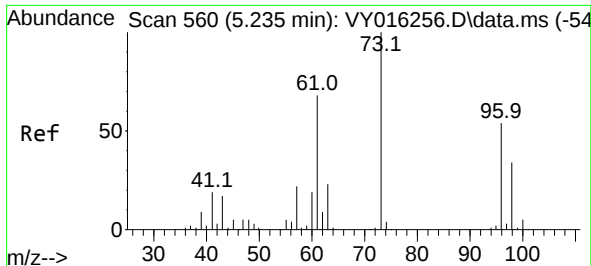
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#18
Methyl Acetate
Concen: 20.235 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.019 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

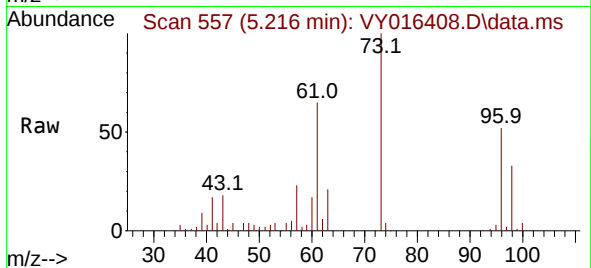
Tgt Ion: 43 Resp: 25881
Ion Ratio Lower Upper
43 100
74 27.7 17.4 26.0#





#19
Methyl tert-butyl Ether
Concen: 20.025 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.019 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

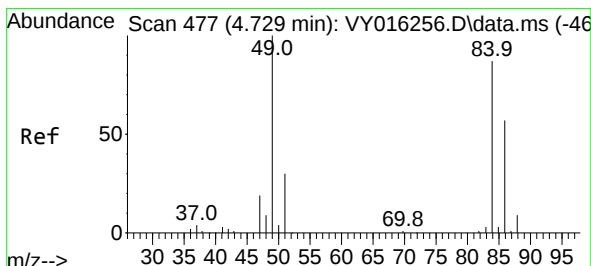
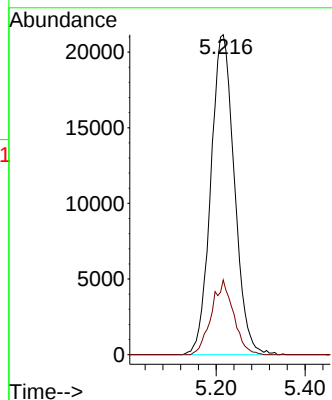
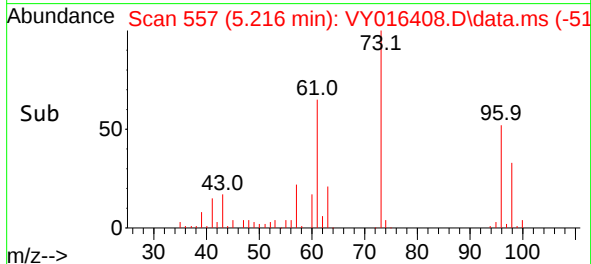
Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBSD01



Tgt Ion: 73 Resp: 77980
Ion Ratio Lower Upper
73 100
57 23.3 17.3 25.9

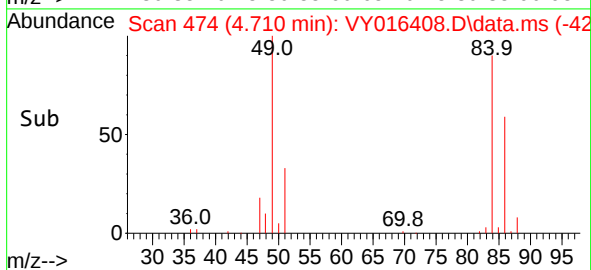
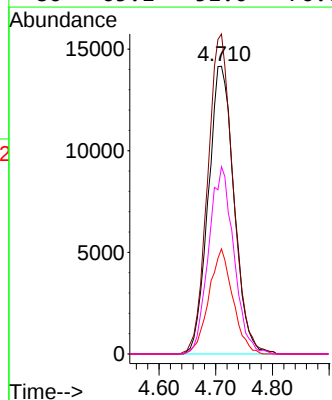
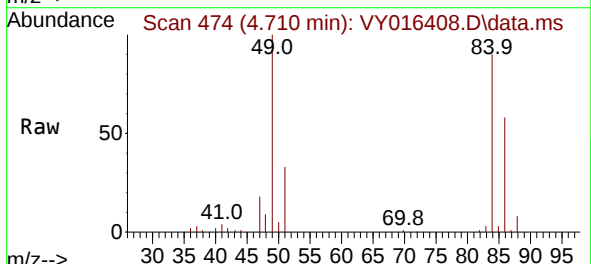
Manual Integrations
APPROVED

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



#20
Methylene Chloride
Concen: 24.582 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.019 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

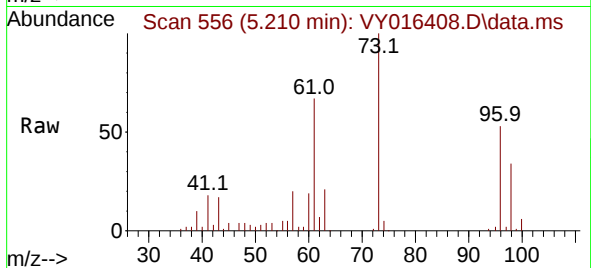
Tgt Ion: 84 Resp: 44807
Ion Ratio Lower Upper
84 100
49 111.2 106.9 160.3
51 36.5 33.2 49.8
86 65.1 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 18.501 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.025 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

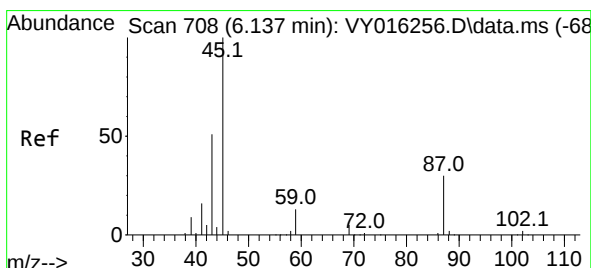
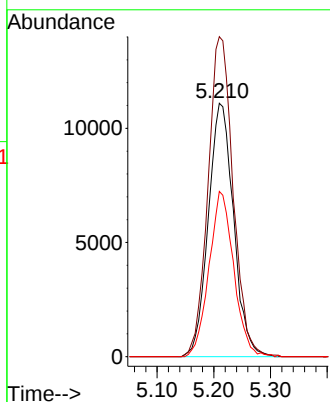
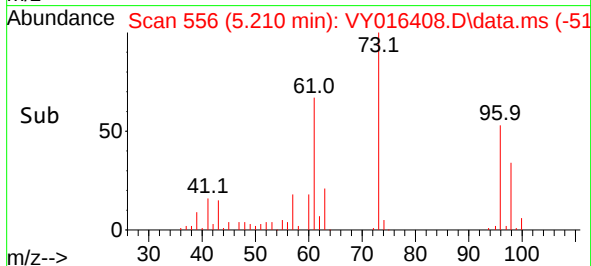
Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBSD01



Tgt Ion: 96 Resp: 3427
Ion Ratio Lower Upper
96 100
61 126.3 110.2 165.4
98 65.2 51.8 77.6

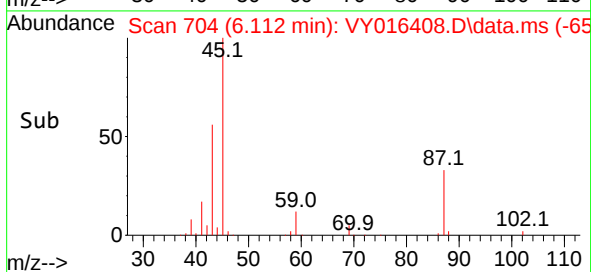
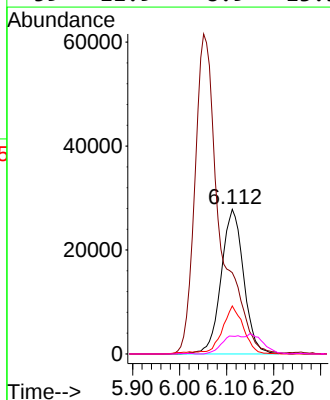
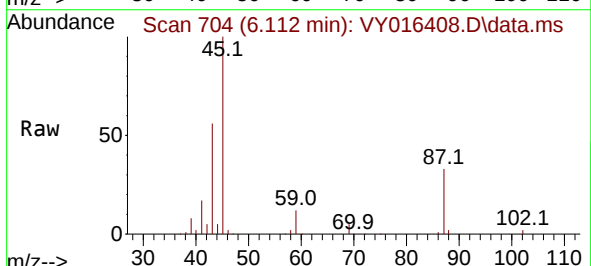
Manual Integrations
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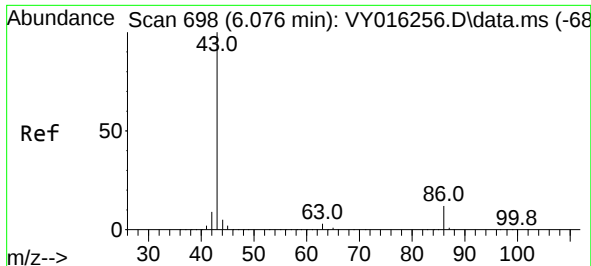
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#22
Diisopropyl ether
Concen: 18.805 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.025 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

Tgt Ion: 45 Resp: 92527
Ion Ratio Lower Upper
45 100
43 55.5 52.2 78.4
87 32.9 21.0 31.6#
59 11.9 8.9 13.3





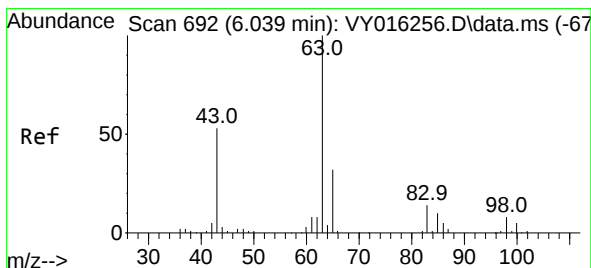
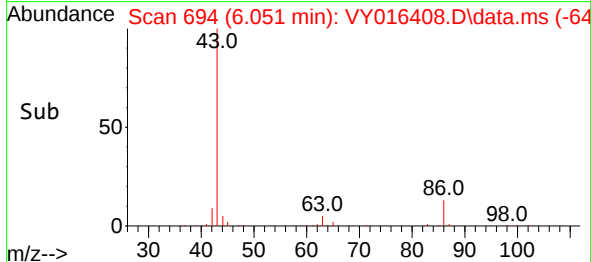
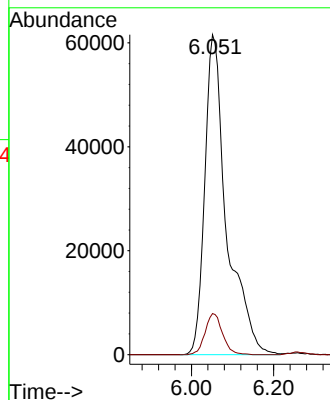
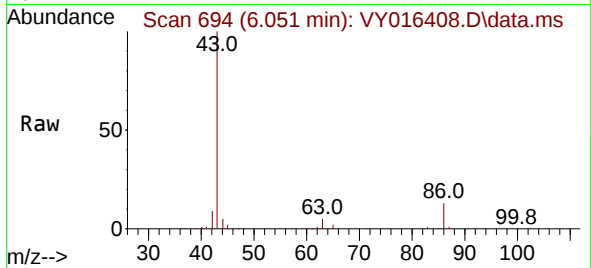
#23
 Vinyl Acetate
 Concen: 95.511 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. -0.025 min
 Lab File: VY016408.D
 Acq: 17 Nov 2023 14:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1117SBSD01

Tgt Ion: 43 Resp: 227714
 Ion Ratio Lower Upper
 43 100
 86 12.9 7.5 11.3

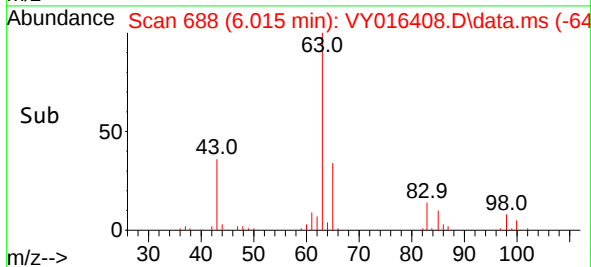
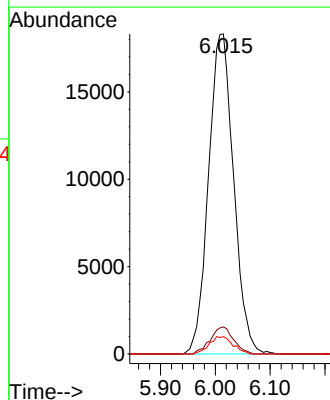
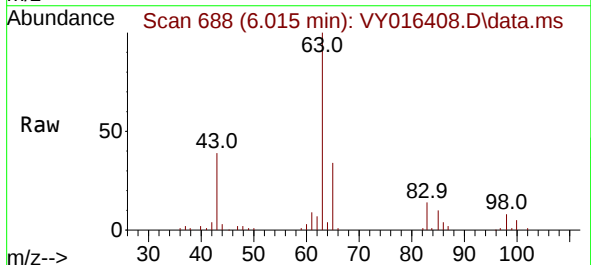
Manual Integrations
 APPROVED

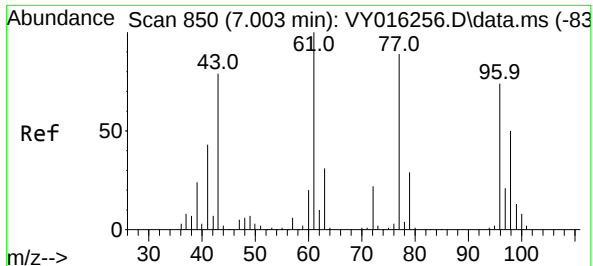
Reviewed By :John Carlone 11/20/2023
 Supervised By :Mahesh Dadoda 11/20/2023



#24
 1,1-Dichloroethane
 Concen: 19.150 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.025 min
 Lab File: VY016408.D
 Acq: 17 Nov 2023 14:15

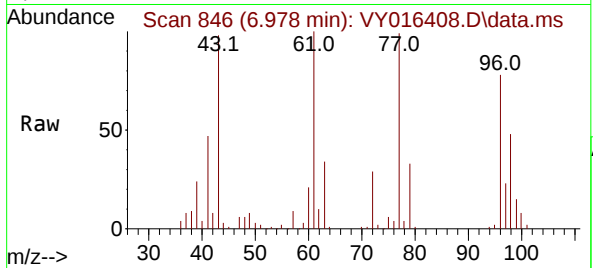
Tgt Ion: 63 Resp: 58131
 Ion Ratio Lower Upper
 63 100
 98 8.4 3.1 9.4
 100 5.4 1.8 5.5





#25
2-Butanone
Concen: 117.020 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.025 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

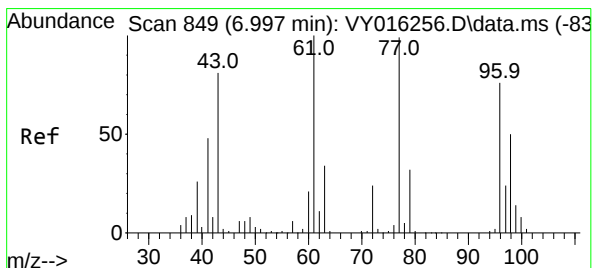
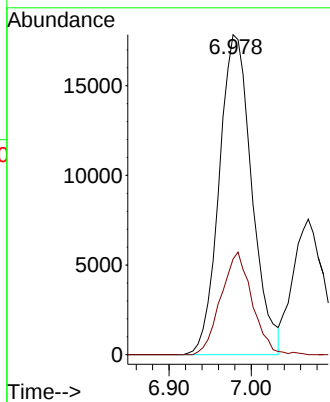
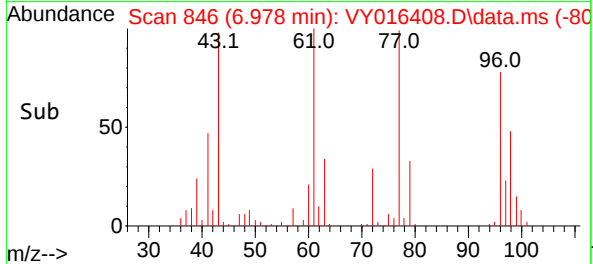
Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBSD01



Tgt Ion: 43 Resp: 49335
Ion Ratio Lower Upper
43 100
72 29.9 20.5 30.7

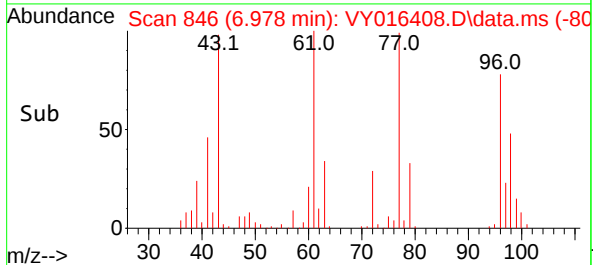
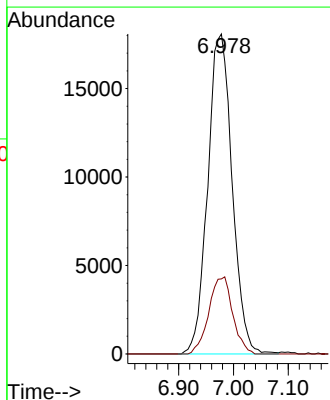
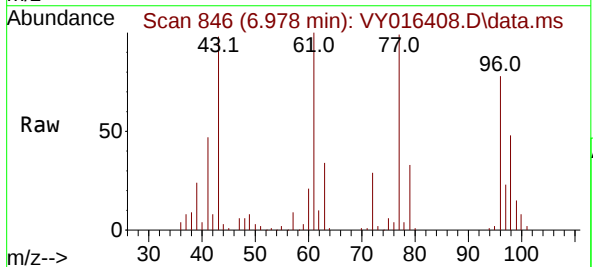
Manual Integrations
APPROVED

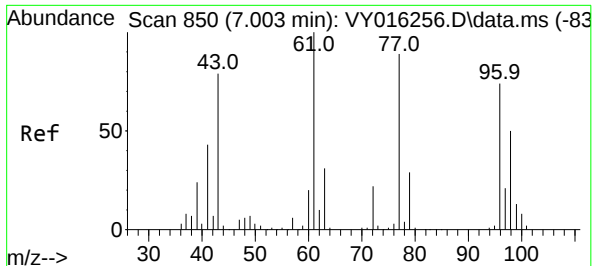
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#26
2,2-Dichloropropane
Concen: 20.268 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.019 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

Tgt Ion: 77 Resp: 55995
Ion Ratio Lower Upper
77 100
97 23.5 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 19.221 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.025 min

Lab File: VY016408.D

Acq: 17 Nov 2023 14:15

Instrument :

MSVOA_Y

ClientSampleId :

VY1117SBSD01

Tgt Ion: 96 Resp: 3837

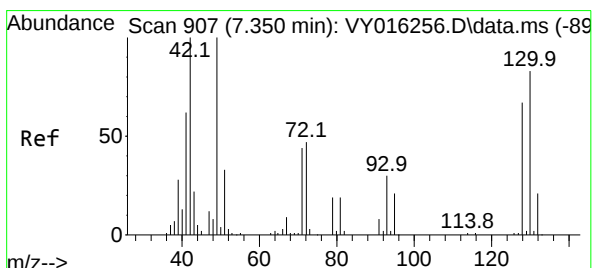
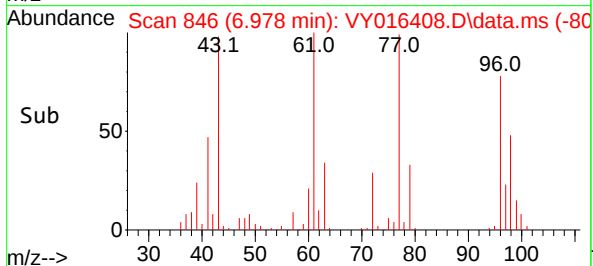
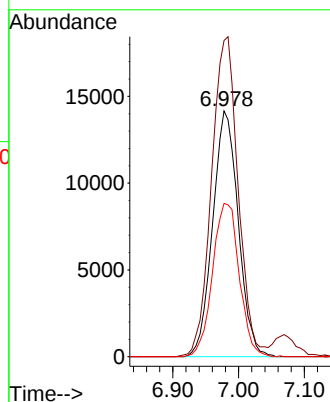
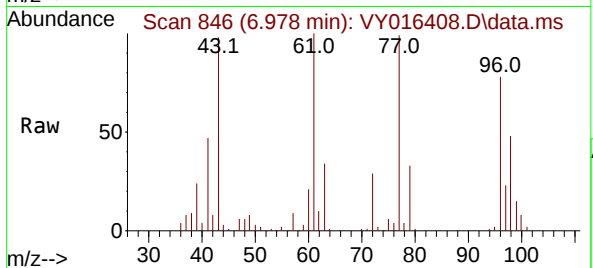
Ion	Ratio	Lower	Upper
96	100		
61	135.3	0.0	301.4
98	64.9	0.0	130.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#28

Bromochloromethane

Concen: 19.413 ug/l

RT: 7.325 min Scan# 903

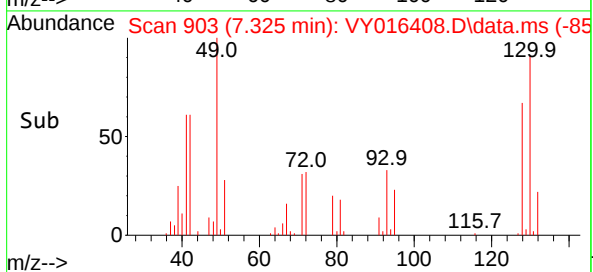
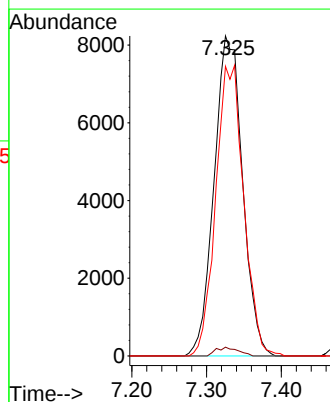
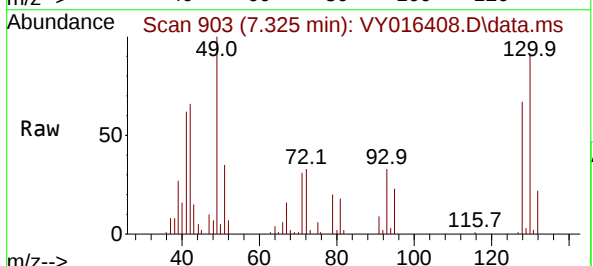
Delta R.T. -0.025 min

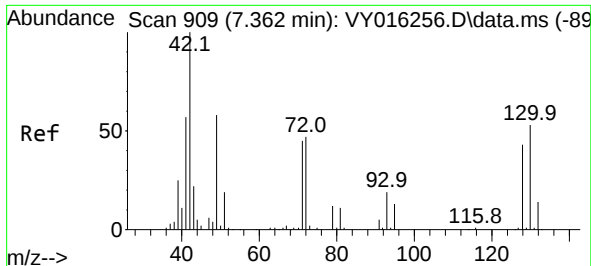
Lab File: VY016408.D

Acq: 17 Nov 2023 14:15

Tgt Ion: 49 Resp: 21809

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.6
130	89.1	60.7	91.1





#29

Tetrahydrofuran

Concen: 100.190 ug/l

RT: 7.350 min Scan# 909

Delta R.T. -0.013 min

Lab File: VY016408.D

Acq: 17 Nov 2023 14:15

Instrument :

MSVOA_Y

ClientSampleId :

VY1117SBSD01

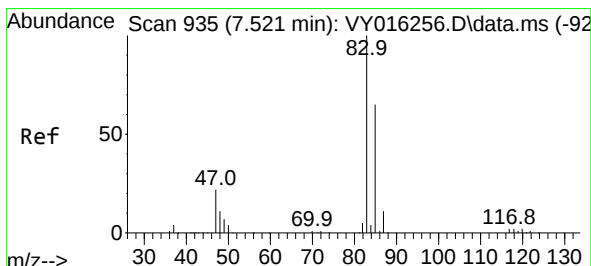
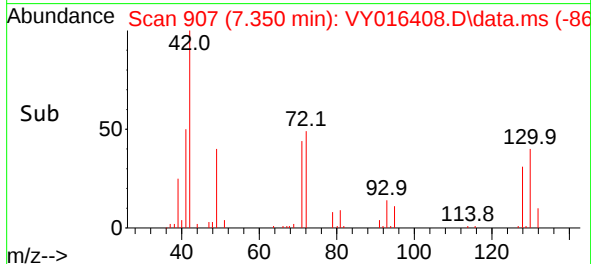
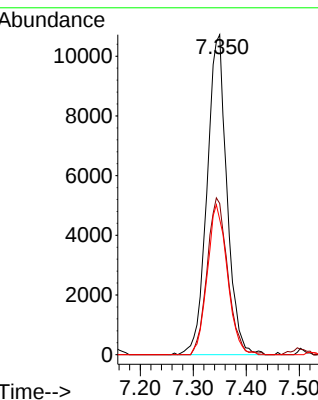
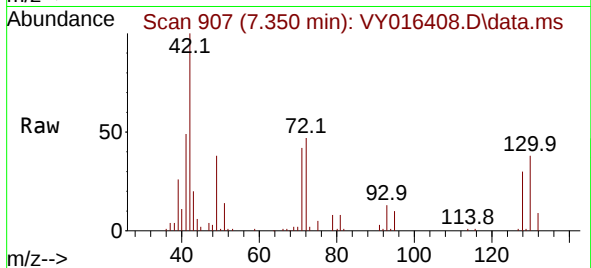
Tgt Ion:	42	Resp:	27919
Ion	Ratio	Lower	Upper
42	100		
72	50.7	32.8	49.2
71	47.2	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#30

Chloroform

Concen: 20.384 ug/l

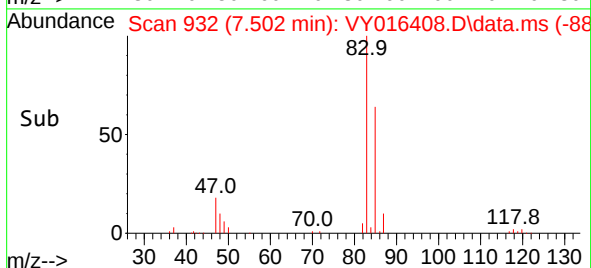
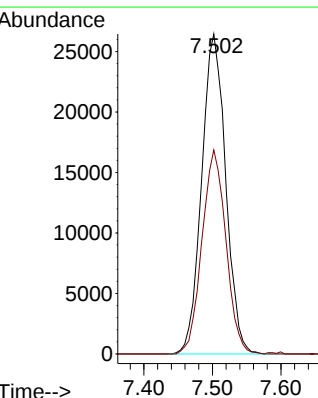
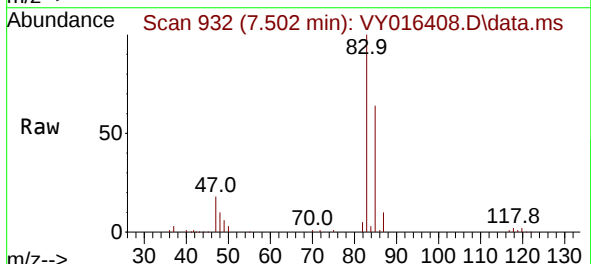
RT: 7.502 min Scan# 932

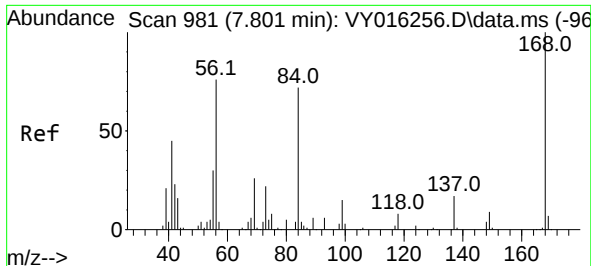
Delta R.T. -0.019 min

Lab File: VY016408.D

Acq: 17 Nov 2023 14:15

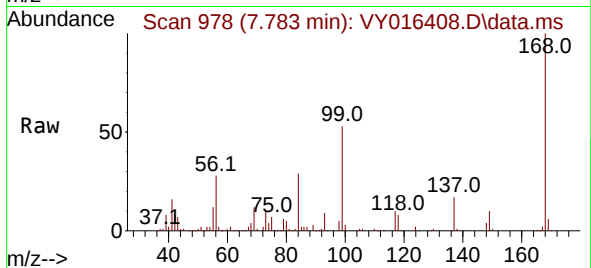
Tgt Ion:	83	Resp:	64405
Ion	Ratio	Lower	Upper
83	100		
85	63.8	49.7	74.5





#31
Cyclohexane
Concen: 17.158 ug/l
RT: 7.783 min Scan# 911
Delta R.T. -0.019 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

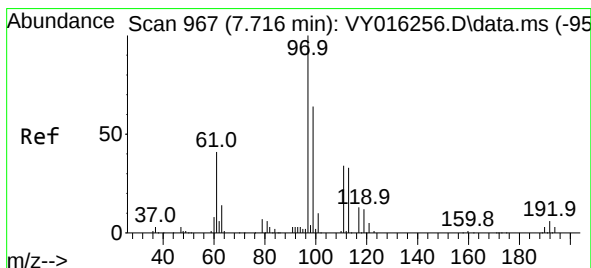
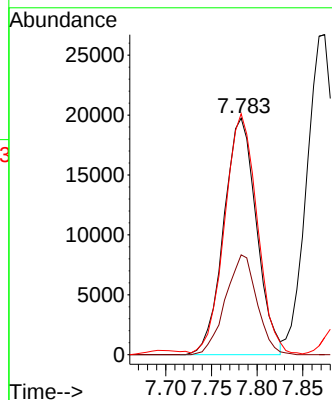
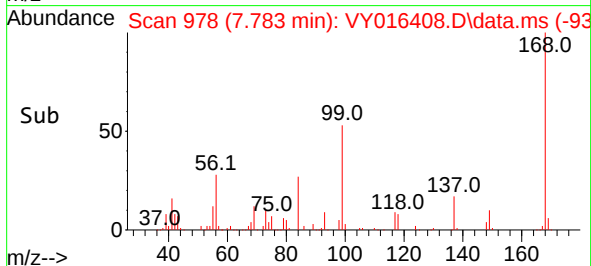
Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBSD01



Tgt Ion: 56 Resp: 49150
Ion Ratio Lower Upper
56 100
69 42.2 27.8 41.6
84 100.6 66.4 99.6

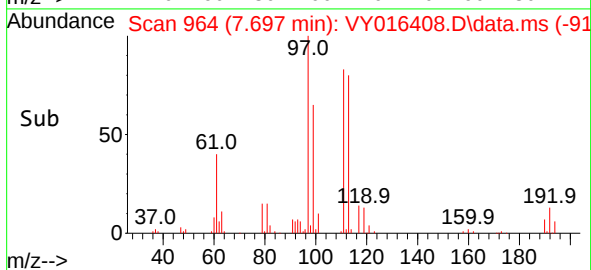
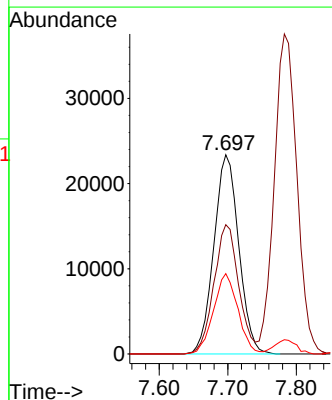
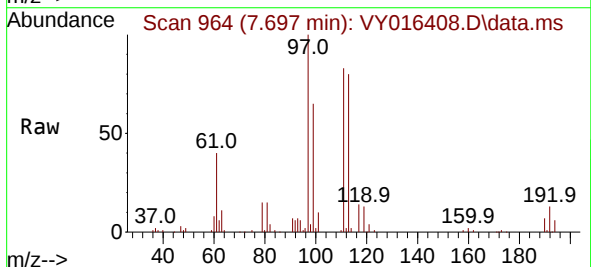
Manual Integrations
APPROVED

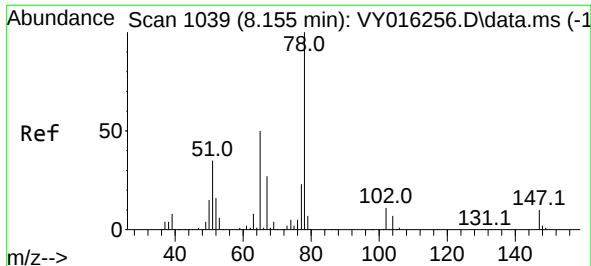
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#32
1,1,1-Trichloroethane
Concen: 20.337 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.019 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

Tgt Ion: 97 Resp: 58901
Ion Ratio Lower Upper
97 100
99 64.5 50.8 76.2
61 39.7 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 51.157 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.019 min

Lab File: VY016408.D

Acq: 17 Nov 2023 14:15

Instrument :

MSVOA_Y

ClientSampleId :

VY1117SBSD01

Tgt Ion: 65 Resp: 74440

Ion Ratio Lower Upper

65 100

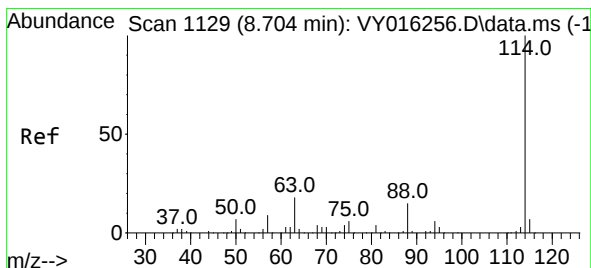
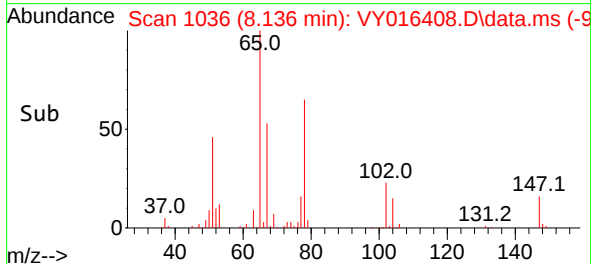
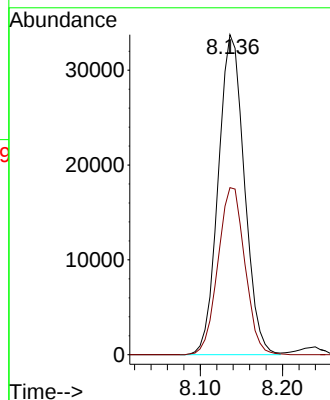
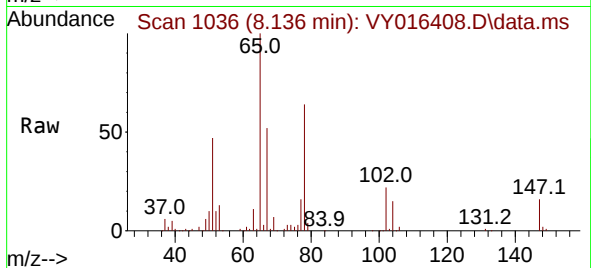
67 53.8 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.013 min

Lab File: VY016408.D

Acq: 17 Nov 2023 14:15

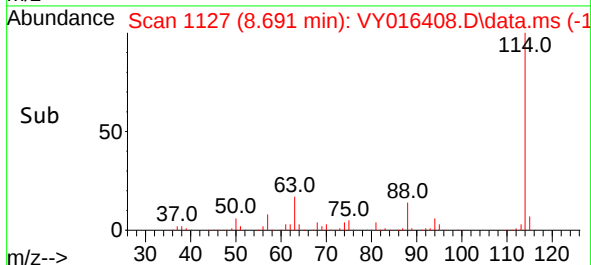
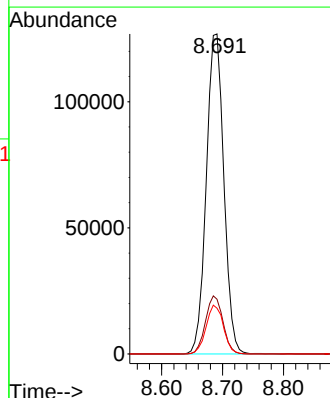
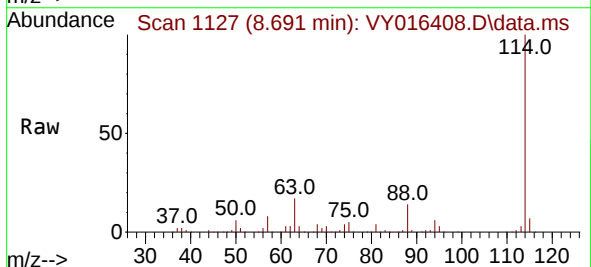
Tgt Ion:114 Resp: 253597

Ion Ratio Lower Upper

114 100

63 17.1 0.0 42.4

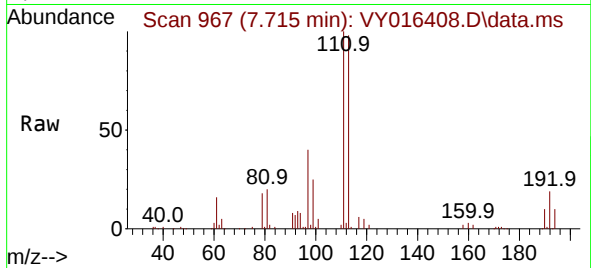
88 14.3 0.0 30.6





#35
Dibromofluoromethane
Concen: 54.355 ug/l
RT: 7.715 min Scan# 90
Delta R.T. -0.019 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

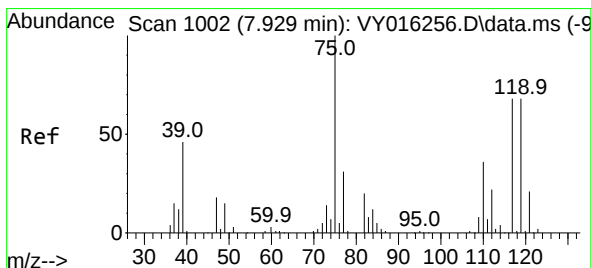
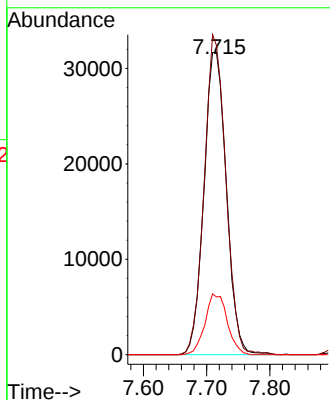
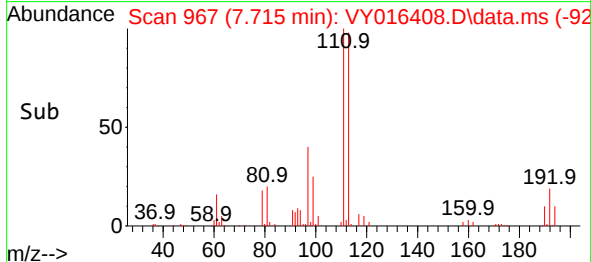
Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBSD01



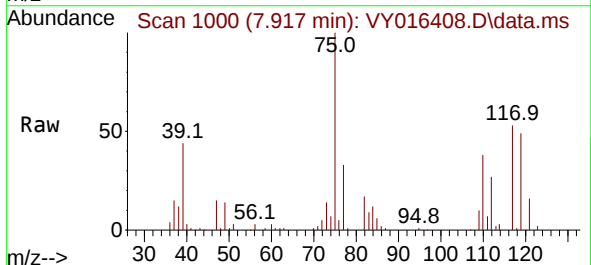
Tgt Ion:113 Resp: 78304
Ion Ratio Lower Upper
113 100
111 101.9 81.3 121.9
192 19.9 16.9 25.3

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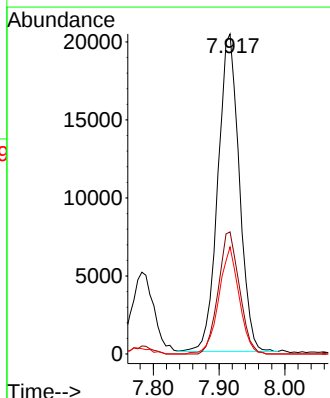
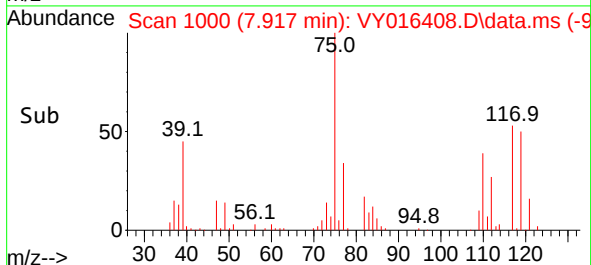
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

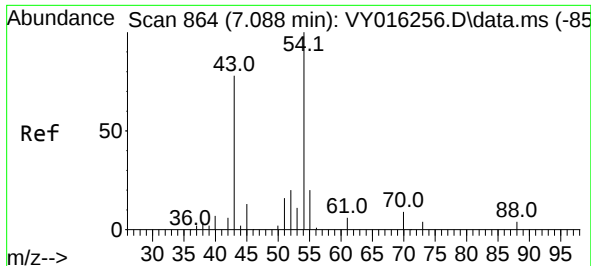


#36
1,1-Dichloropropene
Concen: 18.380 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.013 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15



Tgt Ion: 75 Resp: 45976
Ion Ratio Lower Upper
75 100
110 37.9 17.8 53.5
77 32.0 24.4 36.6





#37

Ethyl Acetate

Concen: 20.611 ug/l

RT: 7.069 min Scan# 80

Delta R.T. -0.019 min

Lab File: VY016408.D

Acq: 17 Nov 2023 14:15

Instrument :

MSVOA_Y

ClientSampleId :

VY1117SBS01

Tgt Ion: 43 Resp: 2083

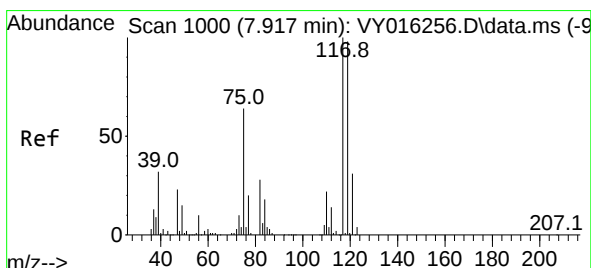
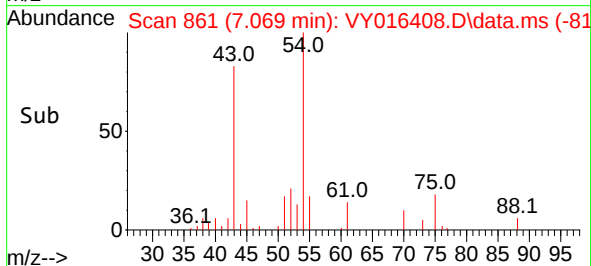
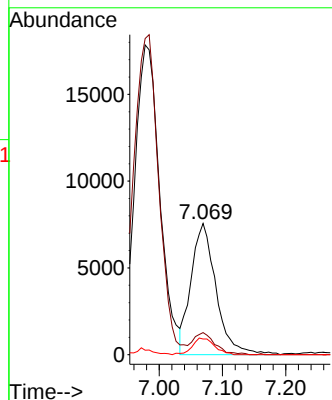
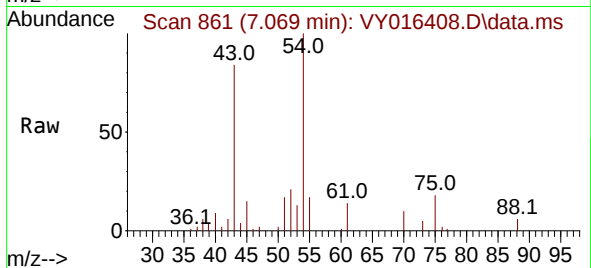
Ion	Ratio	Lower	Upper
43	100		
61	14.5	10.1	15.1
70	11.1	7.1	10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#38

Carbon Tetrachloride

Concen: 20.520 ug/l

RT: 7.898 min Scan# 997

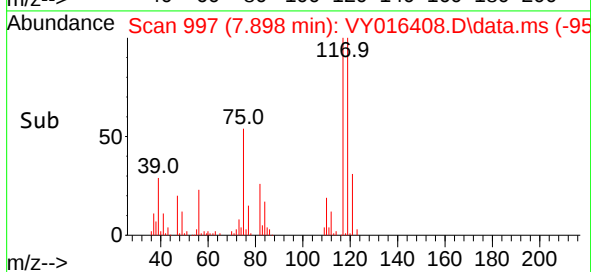
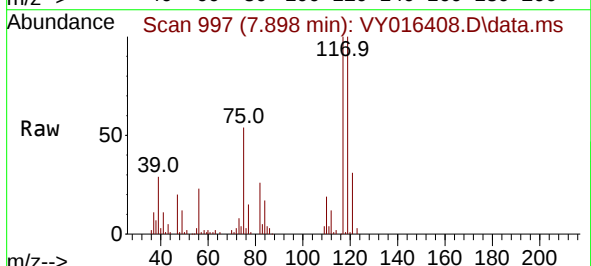
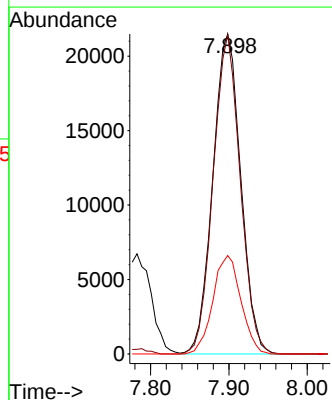
Delta R.T. -0.019 min

Lab File: VY016408.D

Acq: 17 Nov 2023 14:15

Tgt Ion:117 Resp: 53274

Ion	Ratio	Lower	Upper
117	100		
119	99.7	76.4	114.6
121	30.7	25.8	38.6





#39

Methylcyclohexane

Concen: 17.925 ug/l

RT: 9.185 min Scan# 1039

Delta R.T. -0.013 min

Lab File: VY016408.D

Acq: 17 Nov 2023 14:15

Instrument :

MSVOA_Y

ClientSampleId :

VY1117SBS01

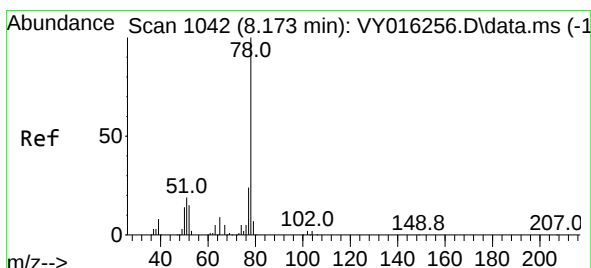
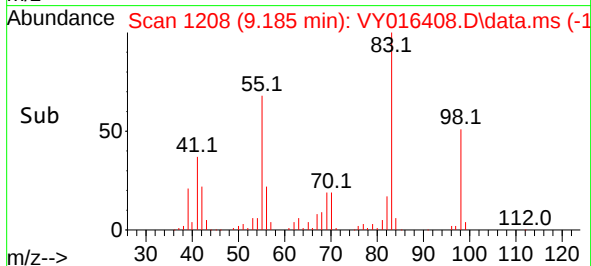
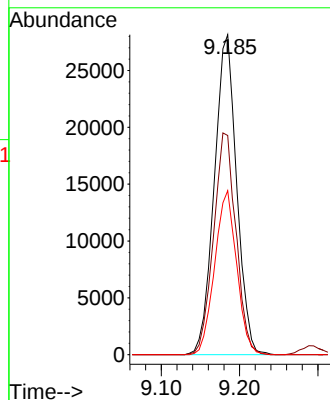
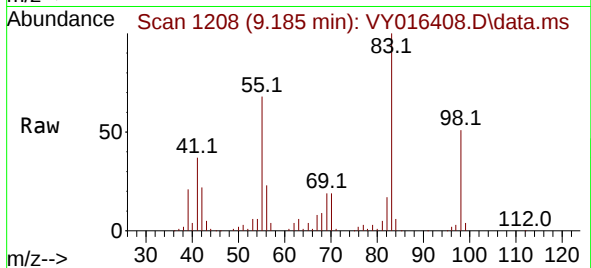
Tgt Ion:	83	Resp:	5587
Ion Ratio	Lower	Upper	
83	100		
55	68.5	63.0	94.4
98	51.2	37.4	56.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#40

Benzene

Concen: 19.697 ug/l

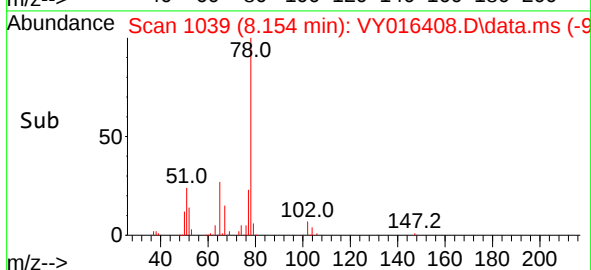
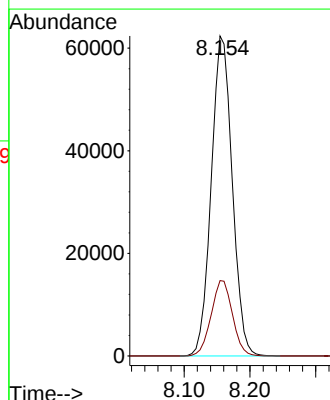
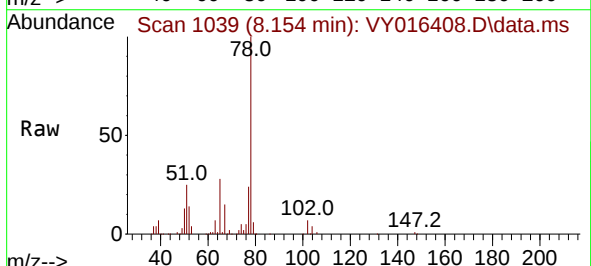
RT: 8.154 min Scan# 1039

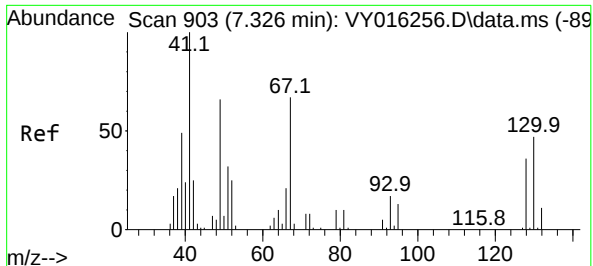
Delta R.T. -0.019 min

Lab File: VY016408.D

Acq: 17 Nov 2023 14:15

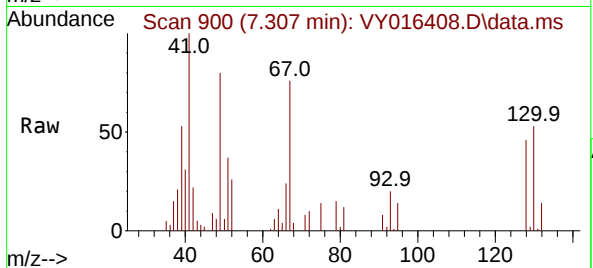
Tgt Ion:	78	Resp:	138428
Ion Ratio	Lower	Upper	
78	100		
77	23.6	19.0	28.6





#41
Methacrylonitrile
Concen: 22.529 ug/l
RT: 7.307 min Scan# 903
Delta R.T. -0.019 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

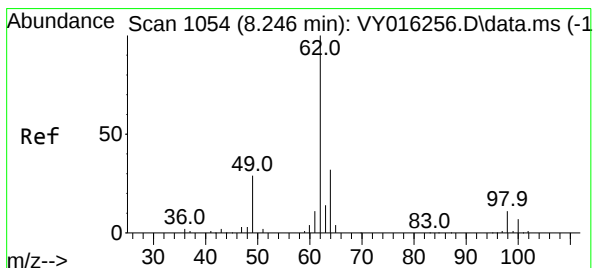
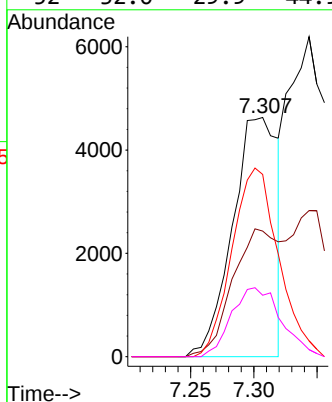
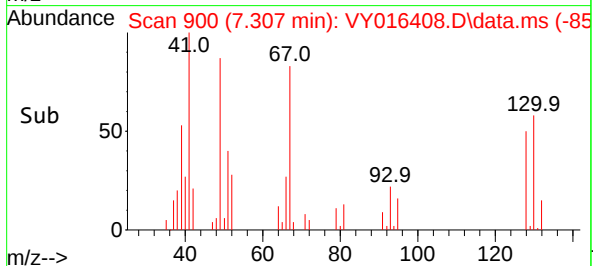
Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBSD01



Tgt Ion: 41 Resp: 1148
Ion Ratio Lower Upper
41 100
39 53.0 52.1 78.1
67 81.4 66.2 99.2
52 32.0 29.9 44.9

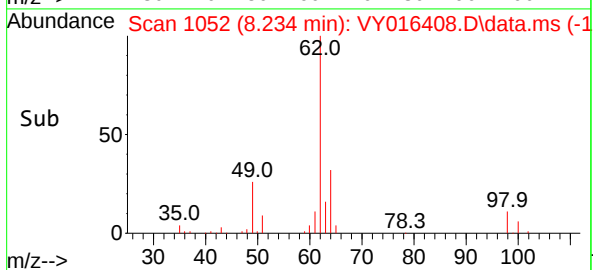
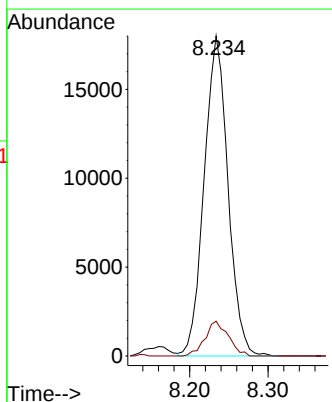
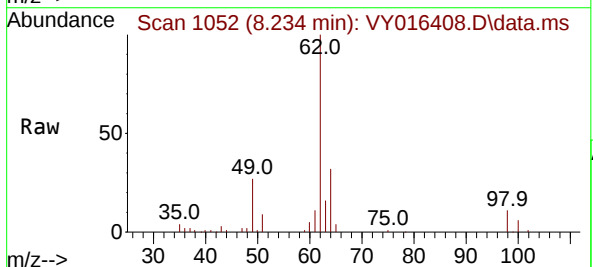
Manual Integrations
APPROVED

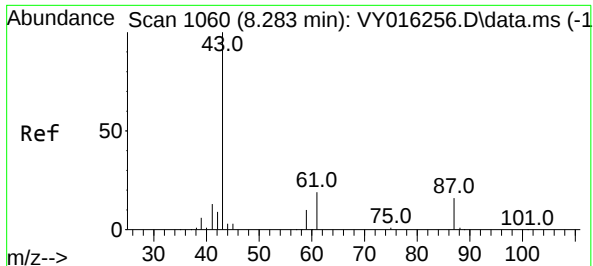
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#42
1,2-Dichloroethane
Concen: 20.900 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.013 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

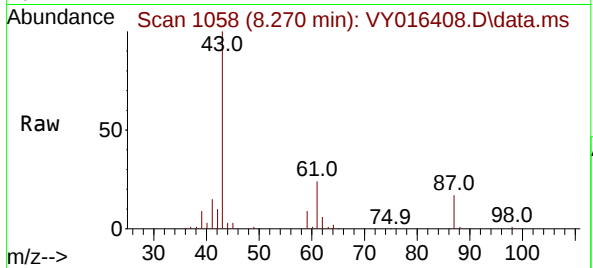
Tgt Ion: 62 Resp: 38058
Ion Ratio Lower Upper
62 100
98 10.6 0.0 15.8





#43
Isopropyl Acetate
Concen: 19.535 ug/l
RT: 8.270 min Scan# 1165
Delta R.T. -0.013 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

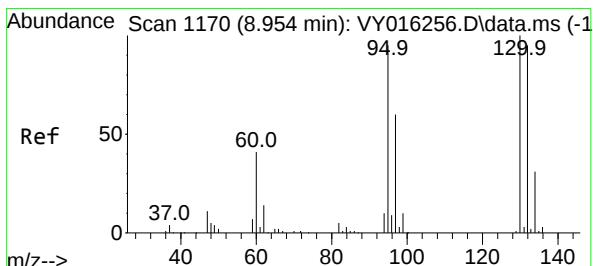
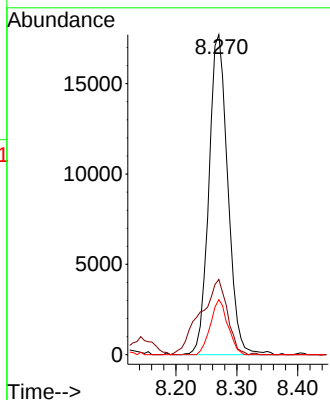
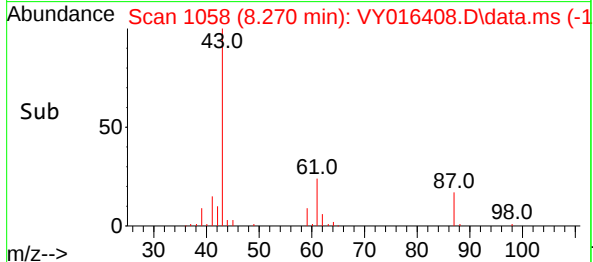
Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBSD01



Tgt Ion: 43 Resp: 3816
Ion Ratio Lower Upper
43 100
61 33.5 21.1 31.7
87 15.8 9.8 14.8

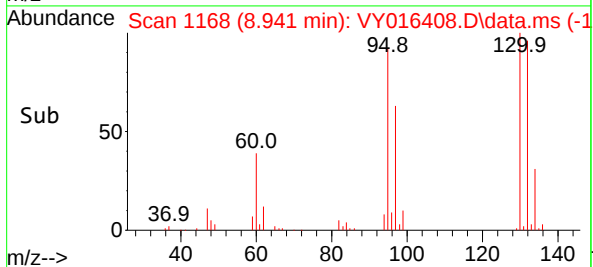
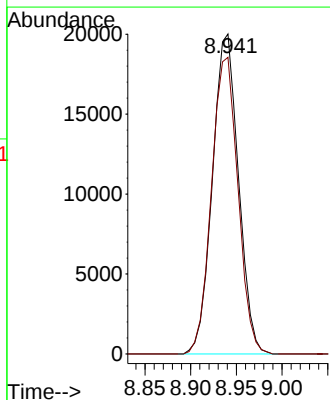
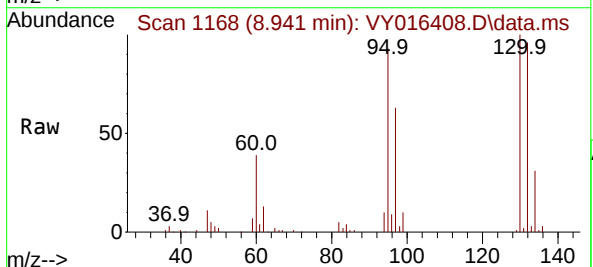
Manual Integrations
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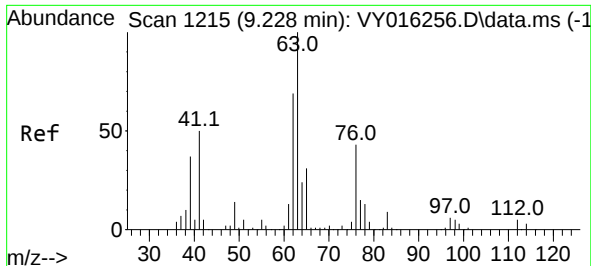
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#44
Trichloroethene
Concen: 19.650 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.013 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

Tgt Ion:130 Resp: 39689
Ion Ratio Lower Upper
130 100
95 92.7 0.0 196.0





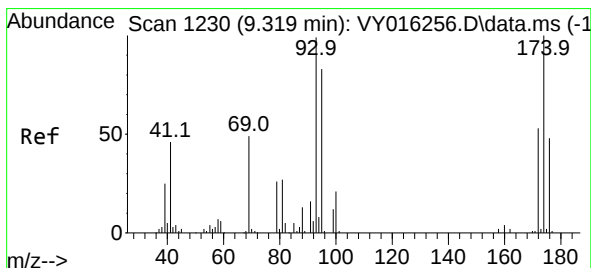
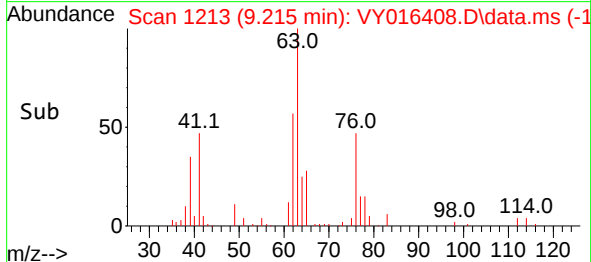
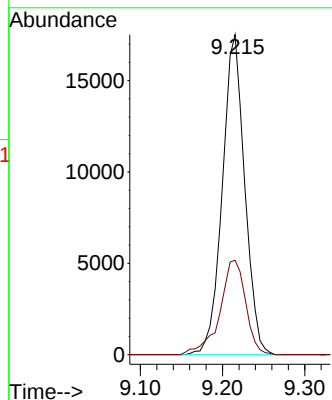
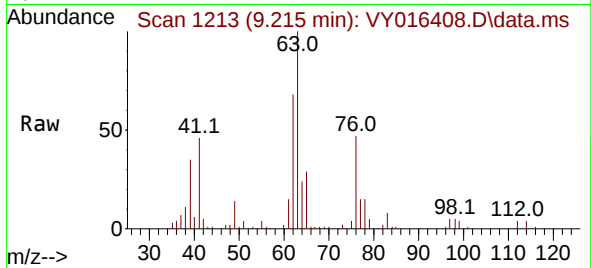
#45
1,2-Dichloropropane
Concen: 19.625 ug/l
RT: 9.215 min Scan# 11
Delta R.T. -0.013 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBSD01

Tgt Ion: 63 Resp: 33124
Ion Ratio Lower Upper
63 100
65 29.5 23.8 35.6

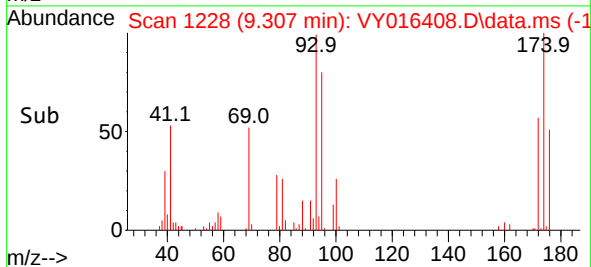
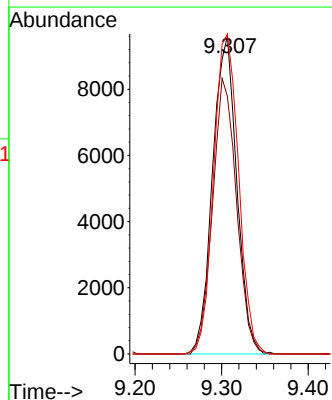
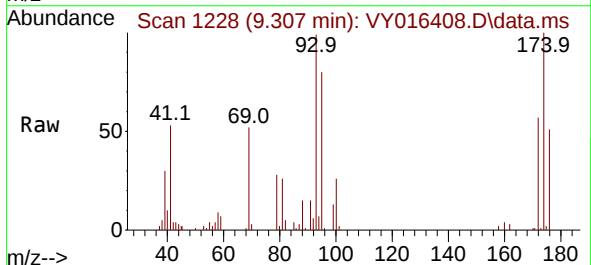
Manual Integrations
APPROVED

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



#46
Dibromomethane
Concen: 20.370 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. -0.013 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

Tgt Ion: 93 Resp: 18631
Ion Ratio Lower Upper
93 100
95 85.6 66.6 100.0
174 103.8 84.8 127.2





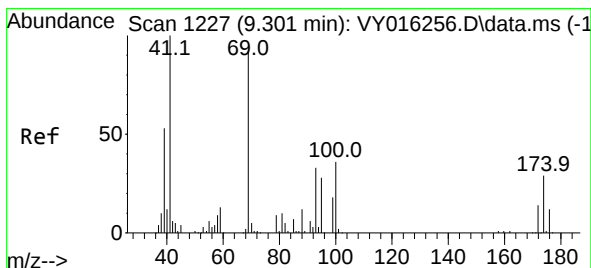
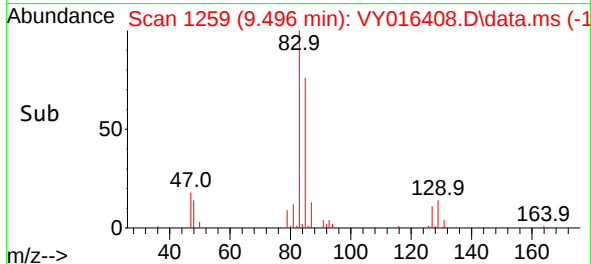
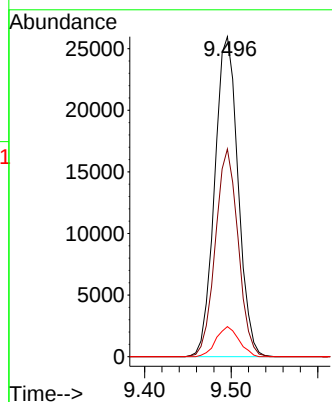
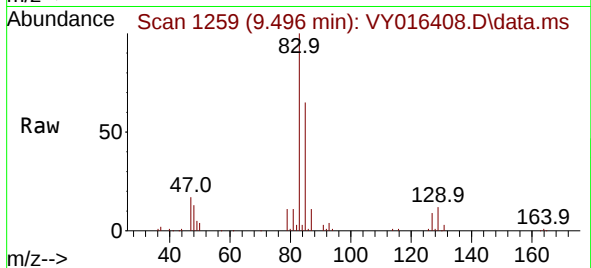
#47
Bromodichloromethane
Concen: 20.703 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.013 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBSD01

Tgt Ion: 83 Resp: 4868
Ion Ratio Lower Upper
83 100
85 64.9 50.1 75.1
127 9.4 7.1 10.7

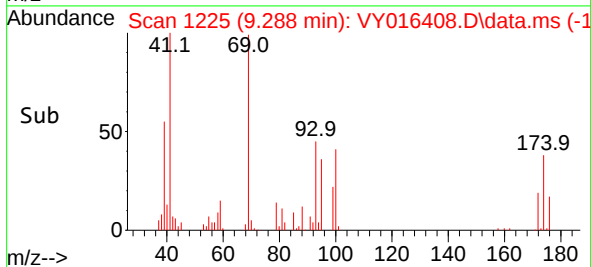
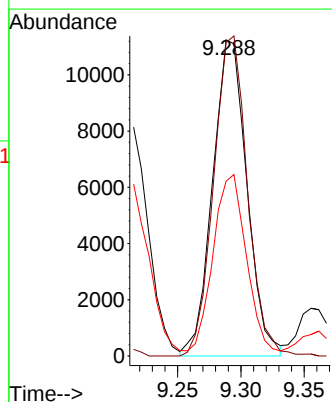
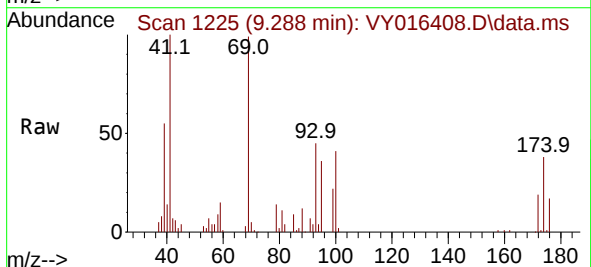
Manual Integrations
APPROVED

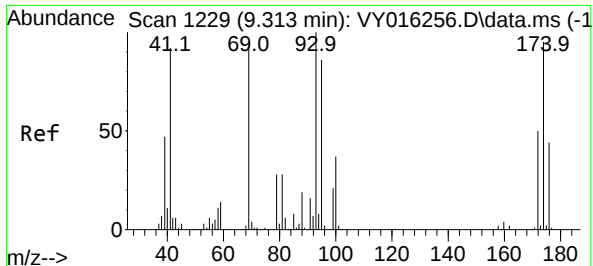
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#48
Methyl methacrylate
Concen: 19.628 ug/l
RT: 9.288 min Scan# 1225
Delta R.T. -0.013 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

Tgt Ion: 41 Resp: 21193
Ion Ratio Lower Upper
41 100
69 99.6 64.5 96.7#
39 53.7 50.8 76.2





#49

1,4-Dioxane

Concen: 430.476 ug/l

RT: 9.294 min Scan# 11

Delta R.T. -0.019 min

Lab File: VY016408.D

Acq: 17 Nov 2023 14:15

Instrument :

MSVOA_Y

ClientSampleId :

VY1117SBSD01

Tgt Ion: 88 Resp: 4180

Ion Ratio Lower Upper

88 100

43 34.4 0.0 0.0

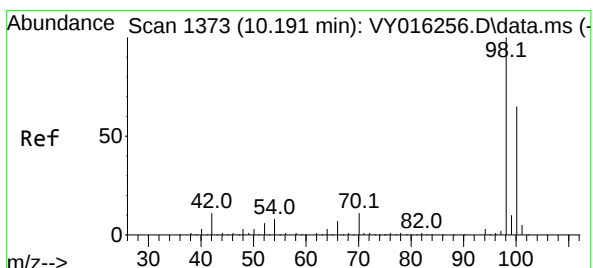
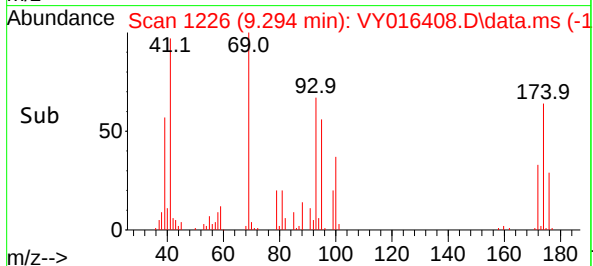
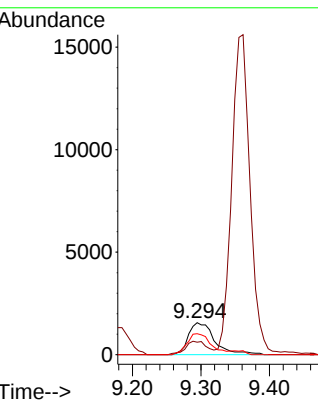
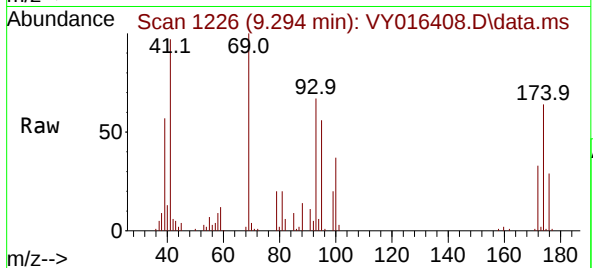
58 60.9 30.9 46.3

Manual Integrations

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Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#50

Toluene-d8

Concen: 51.561 ug/l

RT: 10.178 min Scan# 1371

Delta R.T. -0.013 min

Lab File: VY016408.D

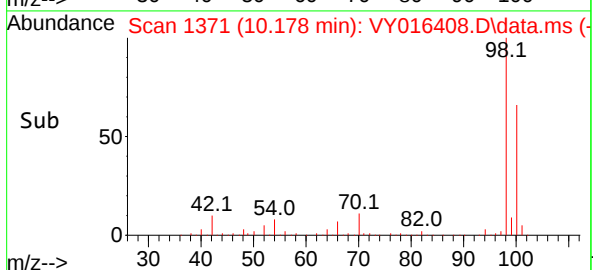
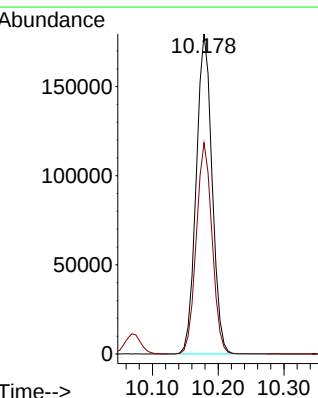
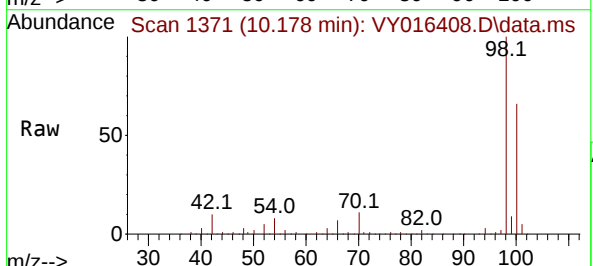
Acq: 17 Nov 2023 14:15

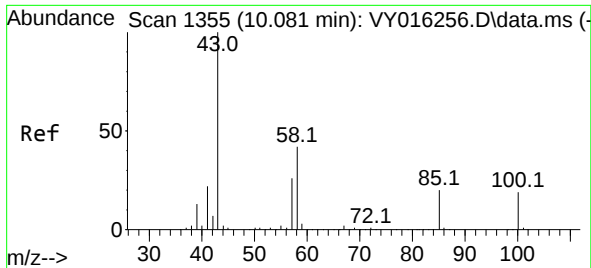
Tgt Ion: 98 Resp: 301215

Ion Ratio Lower Upper

98 100

100 65.6 50.1 75.1





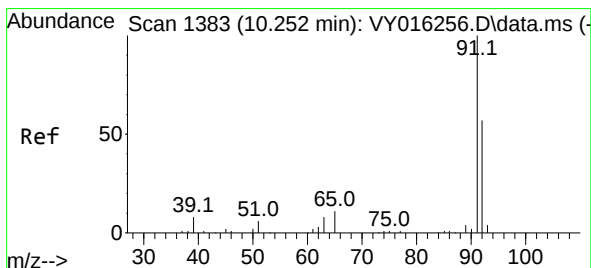
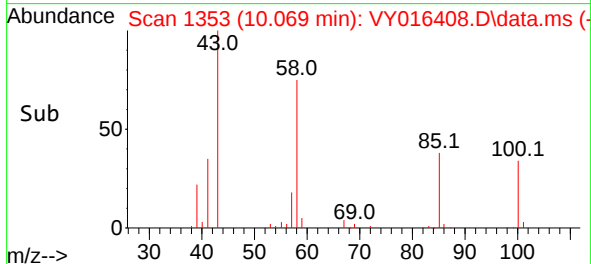
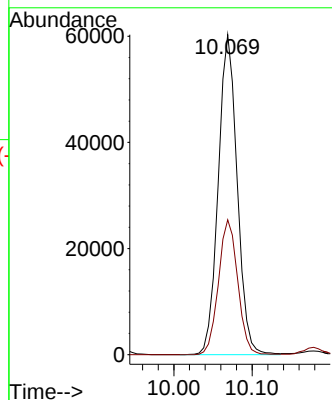
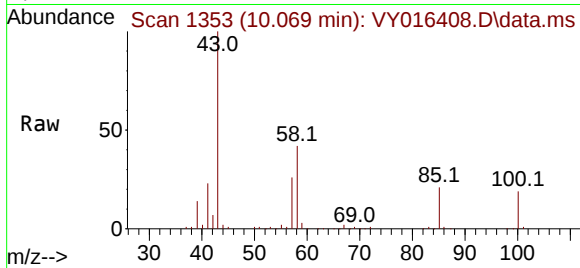
#51
4-Methyl-2-Pentanone
Concen: 102.690 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.013 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBSD01

Tgt Ion: 43 Resp: 10145
Ion Ratio Lower Upper
43 100
58 42.8 29.0 43.6

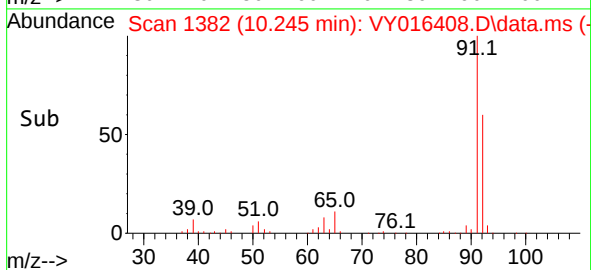
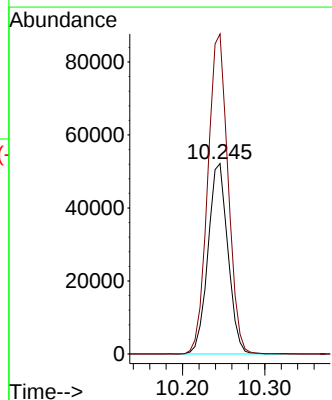
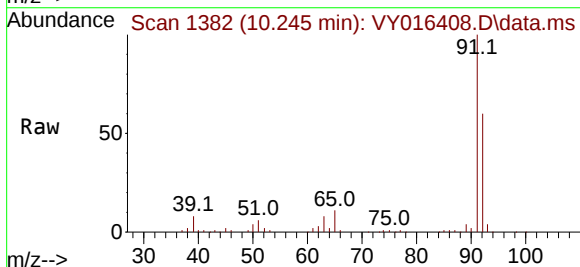
Manual Integrations
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Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#52
Toluene
Concen: 19.720 ug/l
RT: 10.245 min Scan# 1382
Delta R.T. -0.007 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

Tgt Ion: 92 Resp: 87605
Ion Ratio Lower Upper
92 100
91 171.5 143.8 215.6





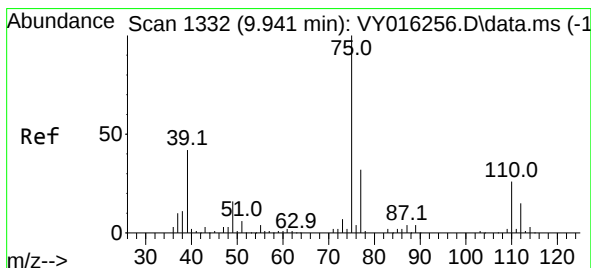
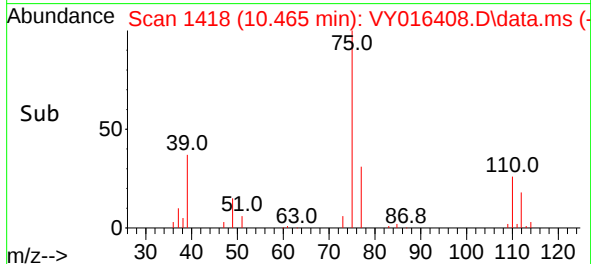
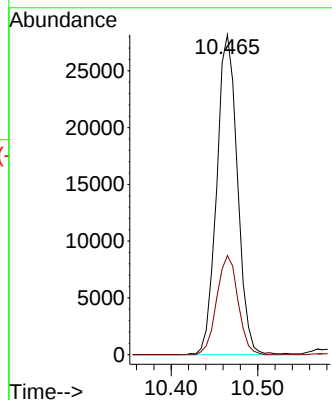
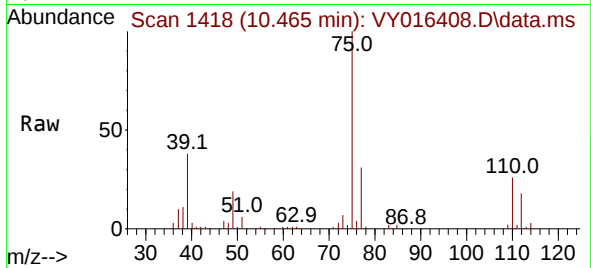
#53
 t-1,3-Dichloropropene
 Concen: 20.516 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. -0.013 min
 Lab File: VY016408.D
 Acq: 17 Nov 2023 14:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1117SBSD01

Tgt Ion: 75 Resp: 46760
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.0 37.4

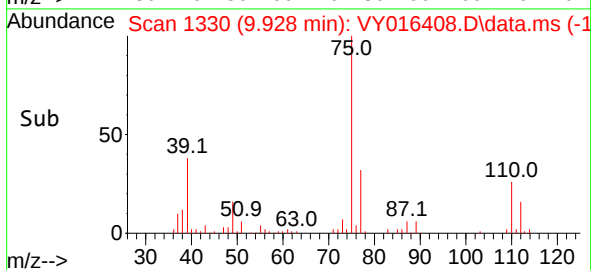
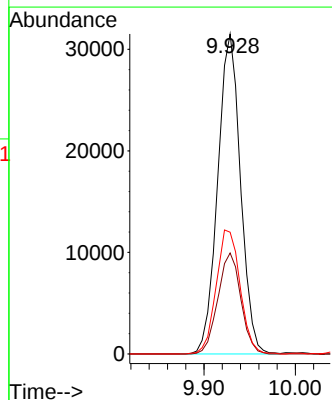
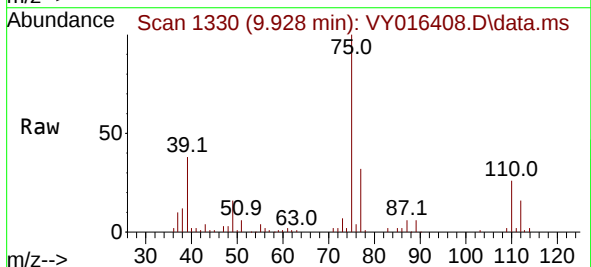
Manual Integrations
 APPROVED

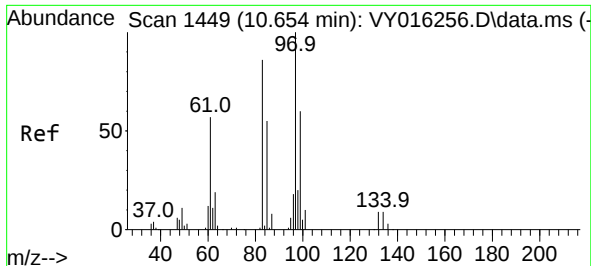
Reviewed By :John Carlone 11/20/2023
 Supervised By :Mahesh Dadoda 11/20/2023



#54
 cis-1,3-Dichloropropene
 Concen: 20.063 ug/l
 RT: 9.928 min Scan# 1330
 Delta R.T. -0.013 min
 Lab File: VY016408.D
 Acq: 17 Nov 2023 14:15

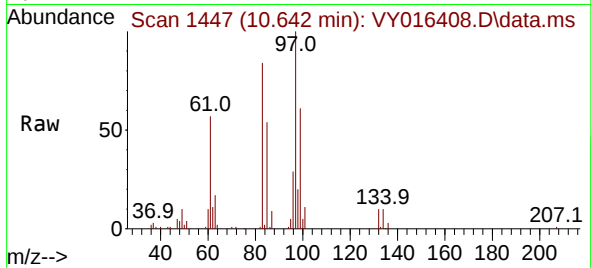
Tgt Ion: 75 Resp: 54625
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.2 36.4
 39 38.0 42.2 63.4#





#55
1,1,2-Trichloroethane
Concen: 21.725 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.013 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

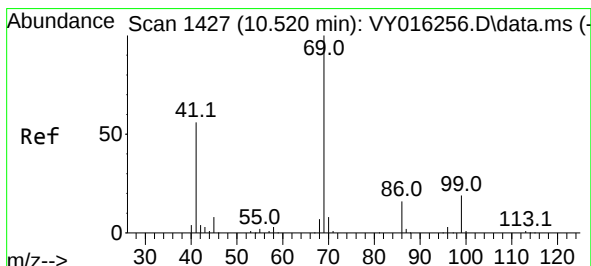
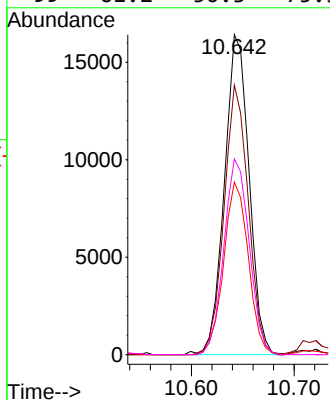
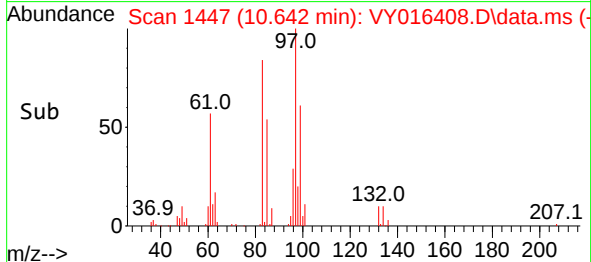
Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBSD01



Tgt Ion:	97	Resp:	2738
Ion	Ratio	Lower	Upper
97	100		
83	84.2	72.0	108.0
85	53.9	45.4	68.0
99	61.2	50.3	75.5

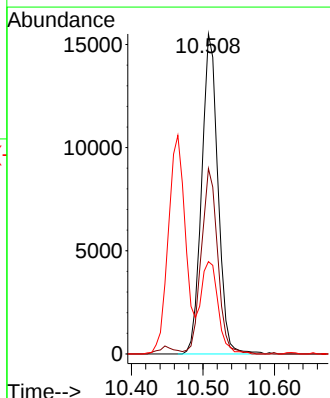
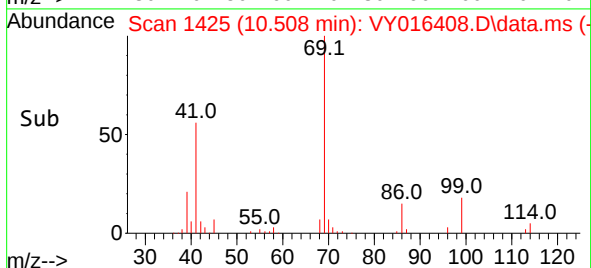
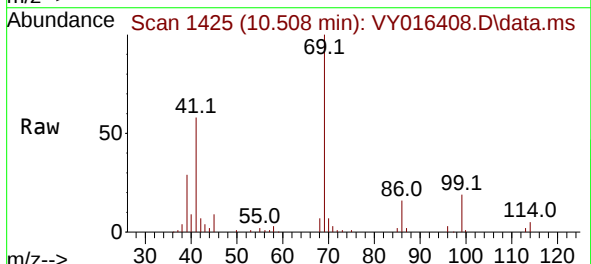
Manual Integrations
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Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#56
Ethyl methacrylate
Concen: 20.625 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.013 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

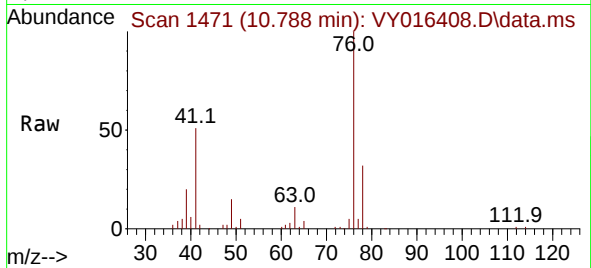
Tgt Ion:	69	Resp:	24544
Ion	Ratio	Lower	Upper
69	100		
41	58.4	57.6	86.4
39	30.2	34.1	51.1





#57
1,3-Dichloropropane
Concen: 20.718 ug/l
RT: 10.788 min Scan# 1473
Delta R.T. -0.013 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

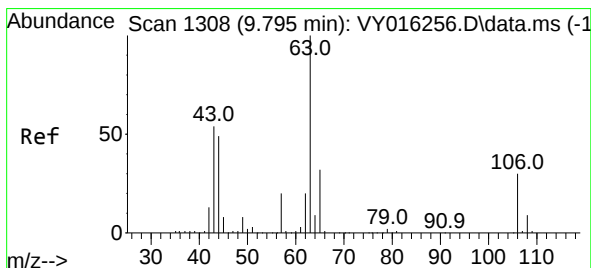
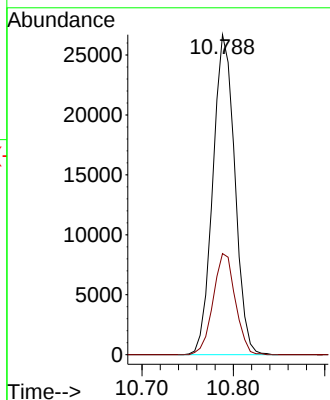
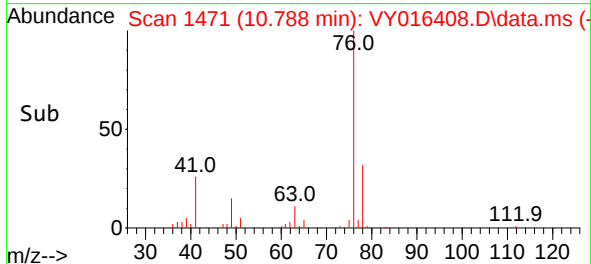
Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBSD01



Tgt Ion: 76 Resp: 4452
Ion Ratio Lower Upper
76 100
78 32.0 25.3 37.9

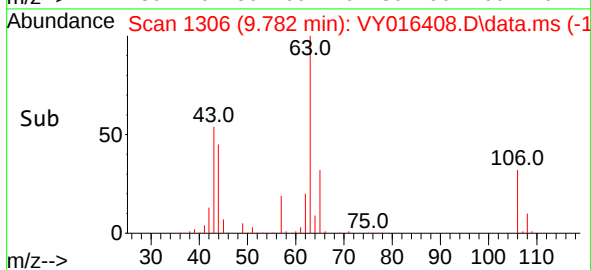
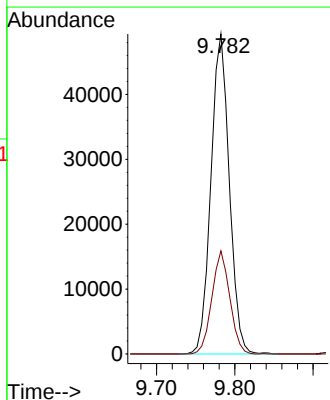
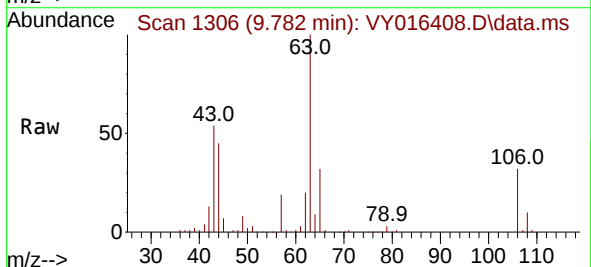
Manual Integrations
APPROVED

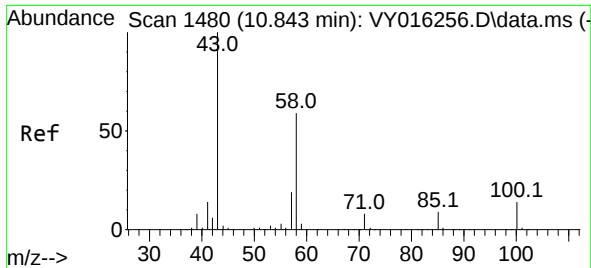
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#58
2-Chloroethyl Vinyl ether
Concen: 99.517 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. -0.013 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

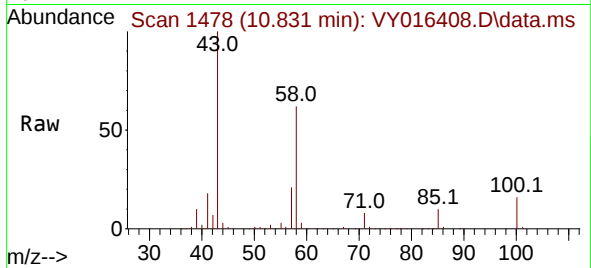
Tgt Ion: 63 Resp: 80301
Ion Ratio Lower Upper
63 100
106 31.5 21.2 31.8





#59
2-Hexanone
Concen: 105.805 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.013 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

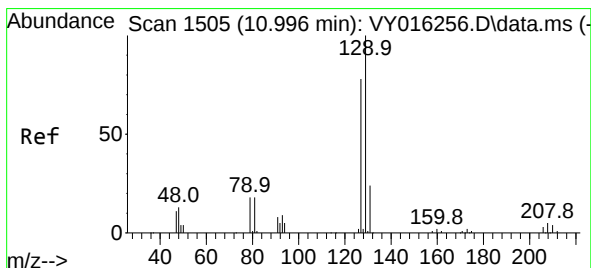
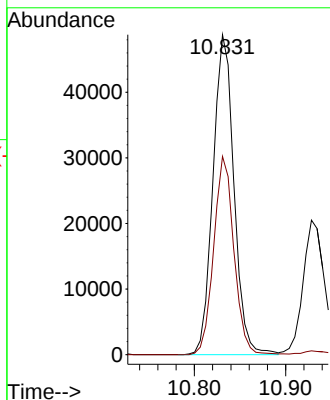
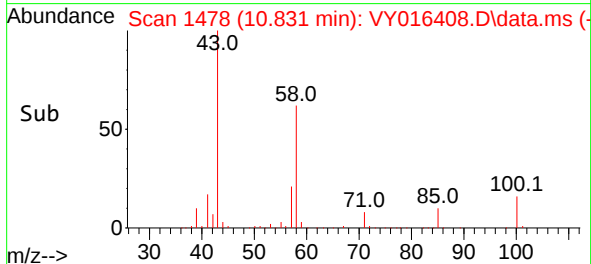
Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBS01



Tgt Ion: 43 Resp: 7775
Ion Ratio Lower Upper
43 100
58 59.9 25.1 75.3

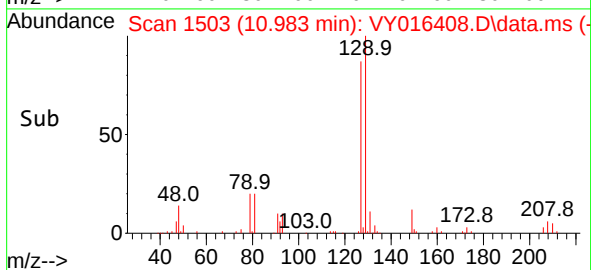
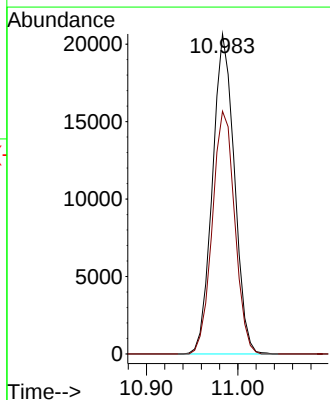
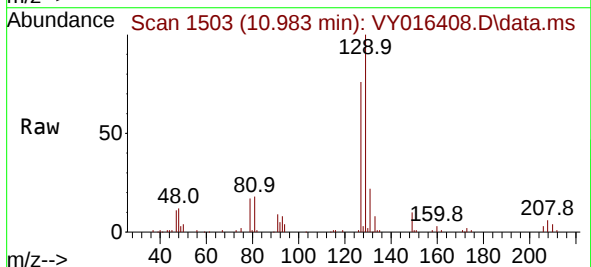
Manual Integrations
APPROVED

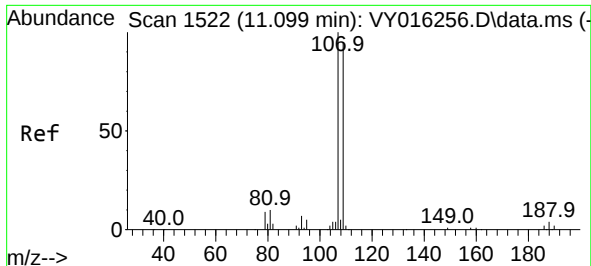
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#60
Dibromochloromethane
Concen: 21.826 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.013 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

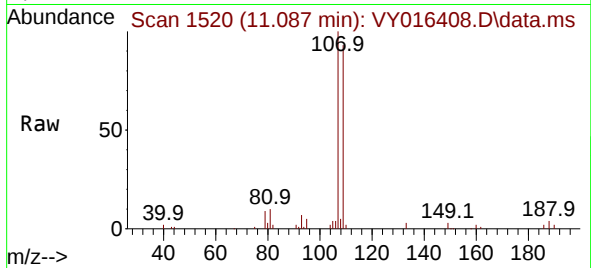
Tgt Ion:129 Resp: 34412
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.5





#61
1,2-Dibromoethane
Concen: 21.177 ug/l
RT: 11.087 min Scan# 11
Delta R.T. -0.013 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

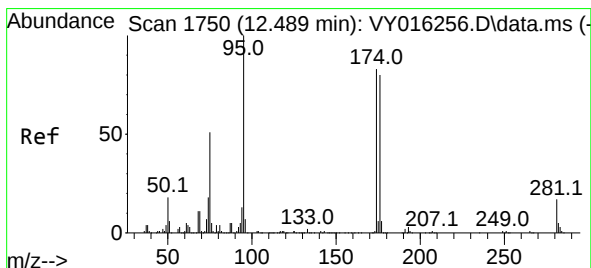
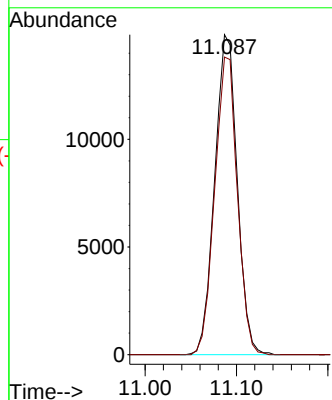
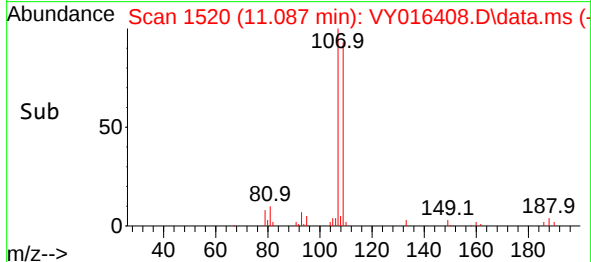
Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBSD01



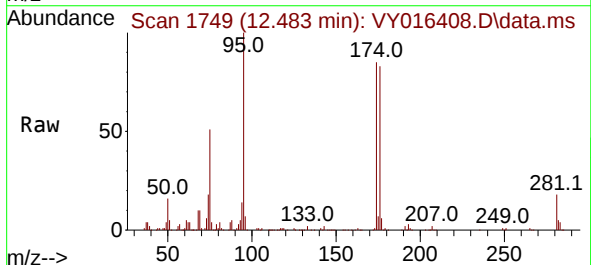
Tgt Ion:107 Resp: 25434
Ion Ratio Lower Upper
107 100
109 93.5 75.6 113.4

Manual Integrations
APPROVED

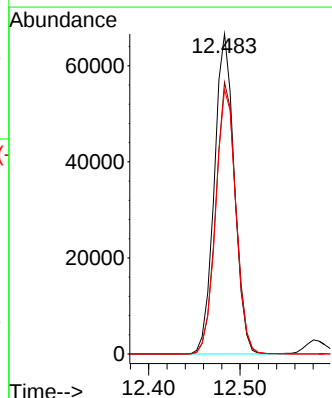
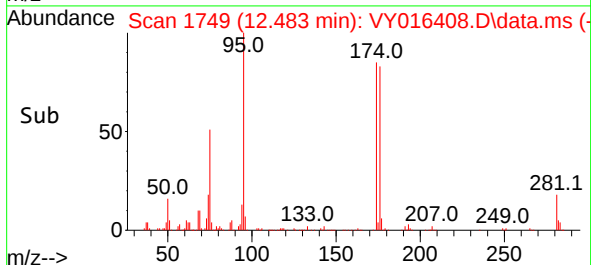
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#62
4-Bromofluorobenzene
Concen: 53.230 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.007 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15



Tgt Ion: 95 Resp: 100997
Ion Ratio Lower Upper
95 100
174 85.4 0.0 178.2
176 83.6 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: VY016408.D

Acq: 17 Nov 2023 14:15

Instrument :

MSVOA_Y

ClientSampleId :

VY1117SBS01

Tgt Ion:117 Resp: 221730

Ion Ratio Lower Upper

117 100

82 53.6 43.4 65.0

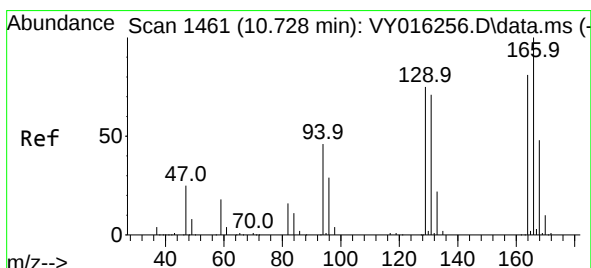
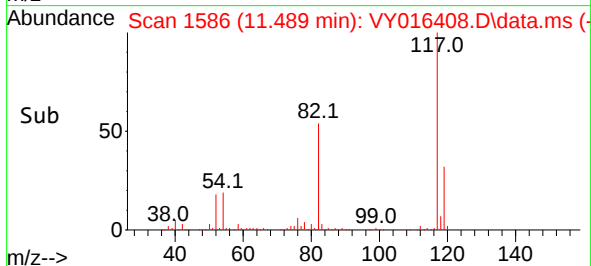
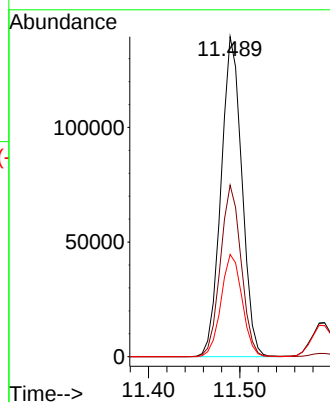
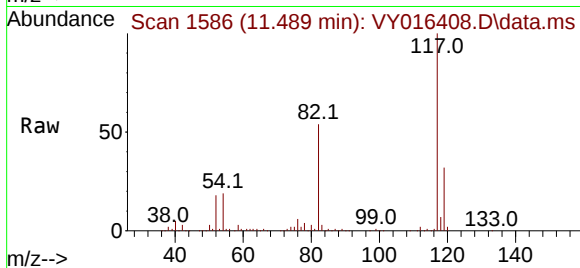
119 31.9 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#64

Tetrachloroethene

Concen: 21.439 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. -0.007 min

Lab File: VY016408.D

Acq: 17 Nov 2023 14:15

Tgt Ion:164 Resp: 42684

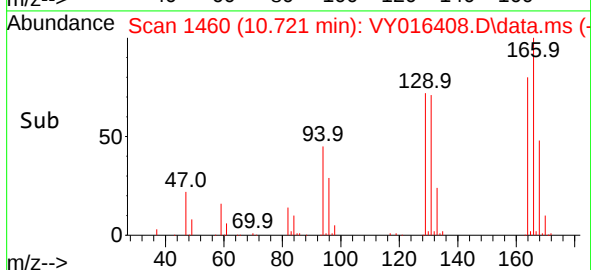
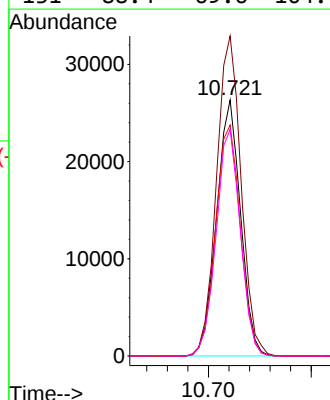
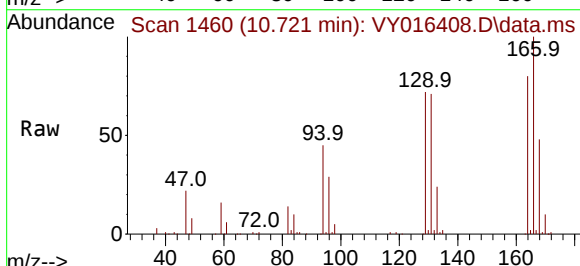
Ion Ratio Lower Upper

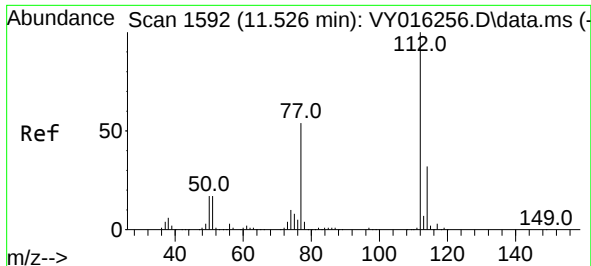
164 100

166 125.0 103.0 154.6

129 90.2 77.2 115.8

131 88.4 69.6 104.4





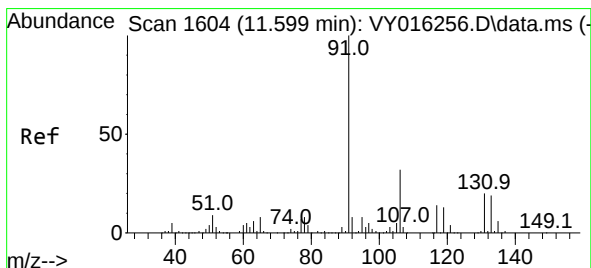
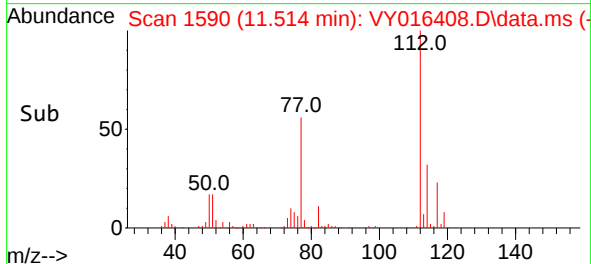
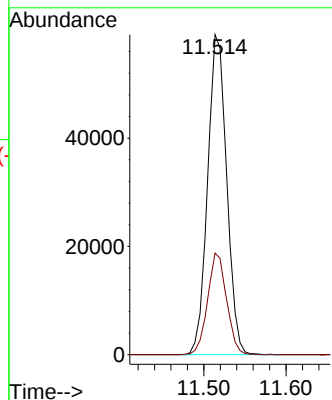
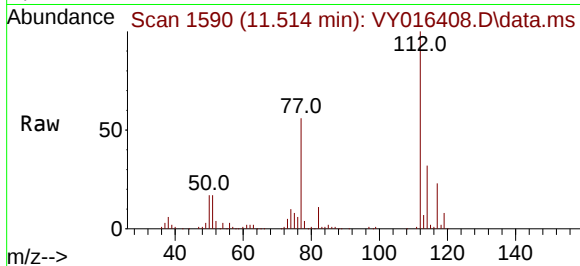
#65
Chlorobenzene
Concen: 20.100 ug/l
RT: 11.514 min Scan# 111
Delta R.T. -0.013 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBSD01

Tgt Ion:112 Resp: 9522
Ion Ratio Lower Upper
112 100
114 31.8 25.5 38.3

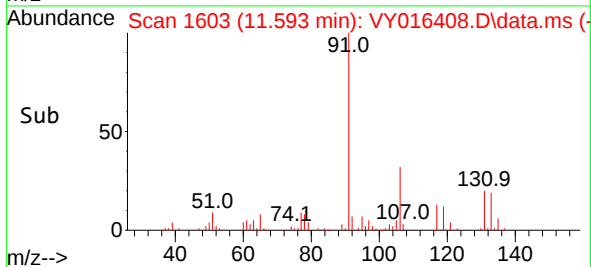
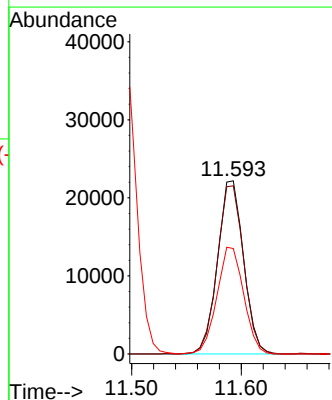
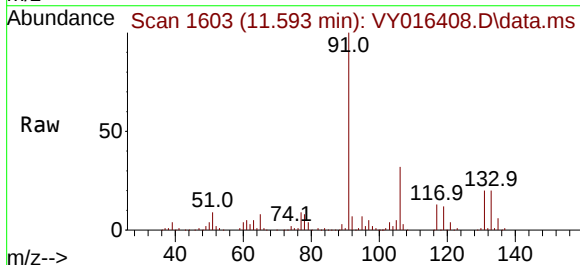
Manual Integrations
APPROVED

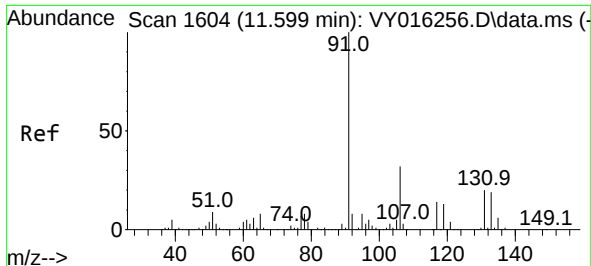
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 20.922 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.007 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

Tgt Ion:131 Resp: 36556
Ion Ratio Lower Upper
131 100
133 98.9 47.5 142.6
119 63.5 31.6 94.7





#67

Ethyl Benzene

Concen: 19.662 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.007 min

Lab File: VY016408.D

Acq: 17 Nov 2023 14:15

Instrument :

MSVOA_Y

ClientSampleId :

VY1117SBS01

Tgt Ion: 91 Resp: 16739

Ion Ratio Lower Upper

91 100

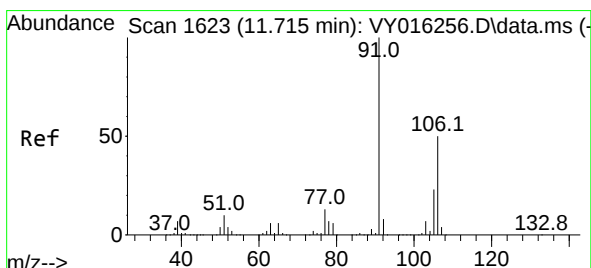
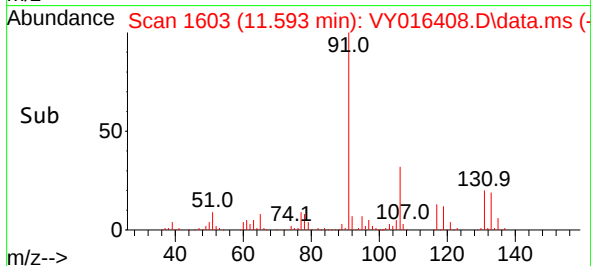
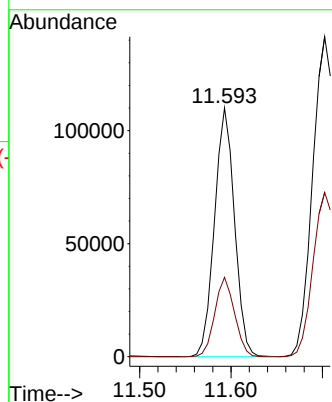
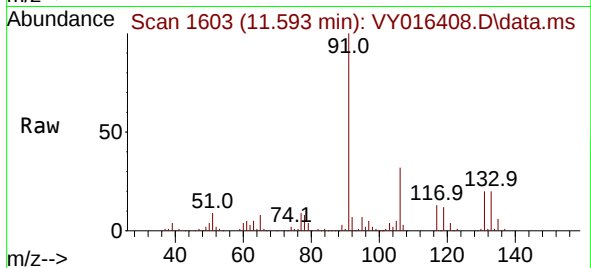
106 31.9 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#68

m/p-Xylenes

Concen: 40.287 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.013 min

Lab File: VY016408.D

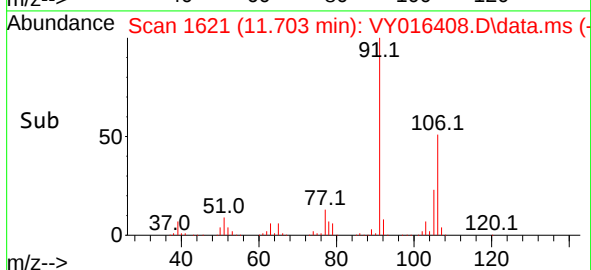
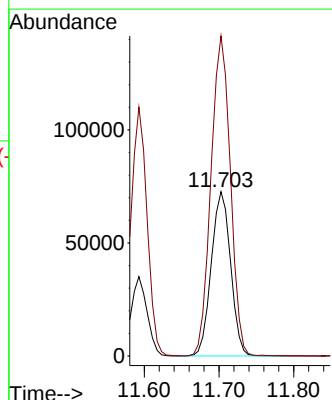
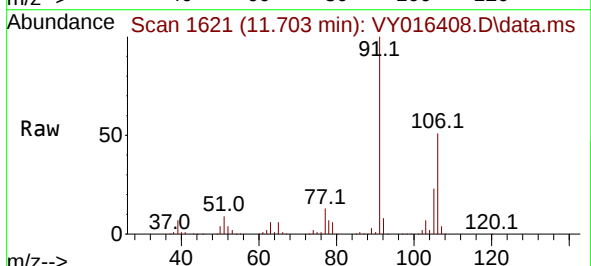
Acq: 17 Nov 2023 14:15

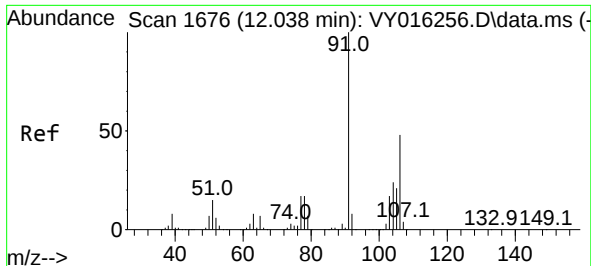
Tgt Ion:106 Resp: 130095

Ion Ratio Lower Upper

106 100

91 196.7 166.1 249.1





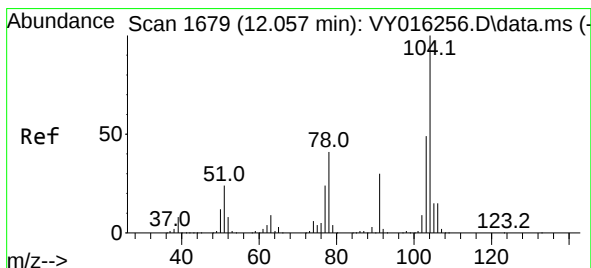
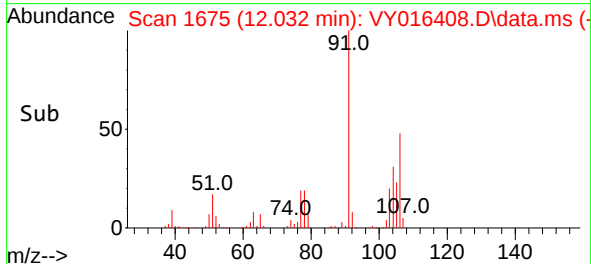
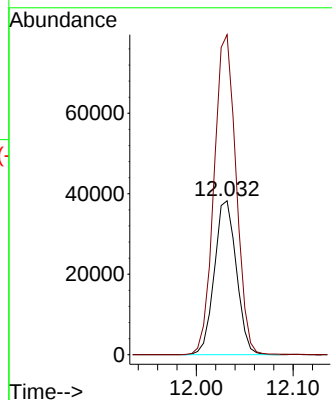
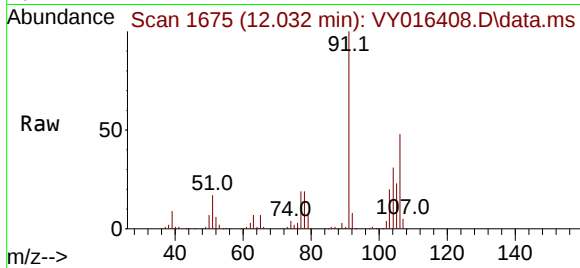
#69
o-Xylene
Concen: 20.160 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.007 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBSD01

Tgt Ion:106 Resp: 6044
Ion Ratio Lower Upper
106 100
91 208.4 108.1 324.3

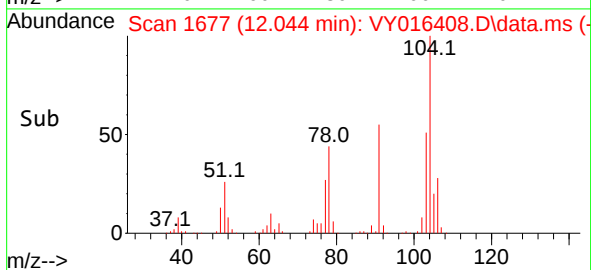
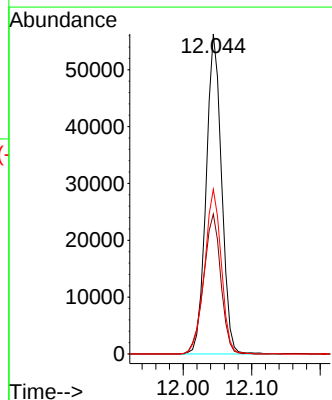
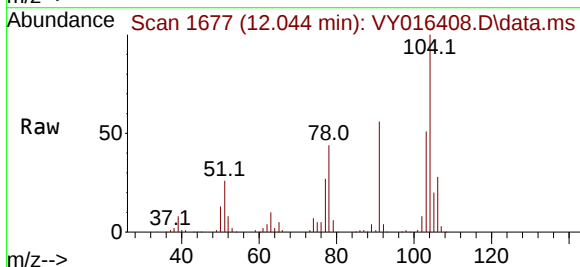
Manual Integrations
APPROVED

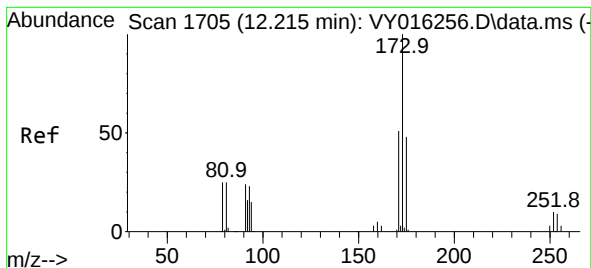
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#70
Styrene
Concen: 20.558 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.013 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

Tgt Ion:104 Resp: 88257
Ion Ratio Lower Upper
104 100
78 48.6 41.5 62.3
103 55.6 44.6 67.0





#71

Bromoform

Concen: 22.055 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.007 min

Lab File: VY016408.D

Acq: 17 Nov 2023 14:15

Instrument :

MSVOA_Y

ClientSampleId :

VY1117SBSD01

Tgt Ion:173 Resp: 19990

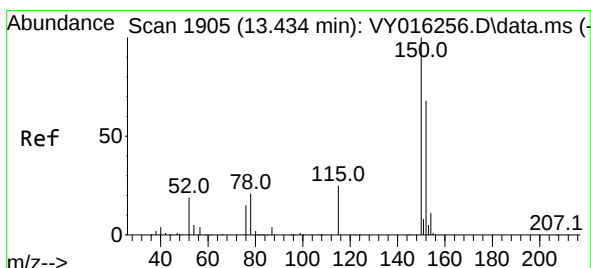
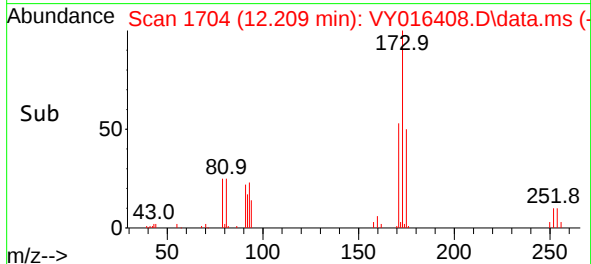
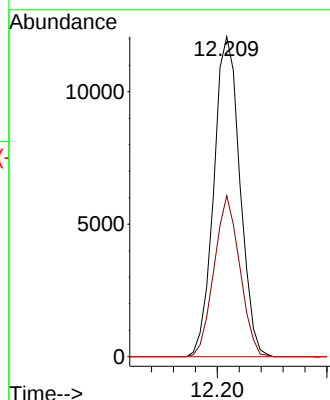
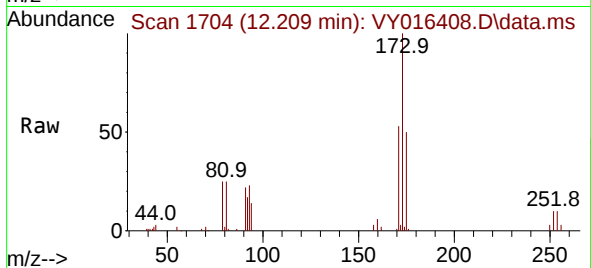
Ion	Ratio	Lower	Upper
173	100		
175	49.4	24.6	73.8
254	0.0	0.2	0.2

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

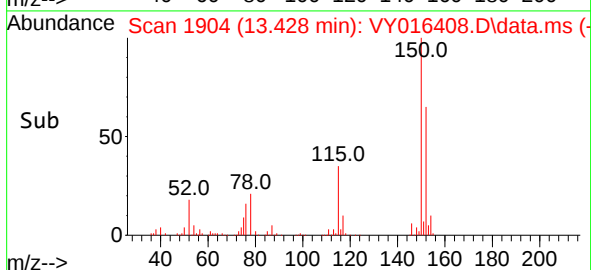
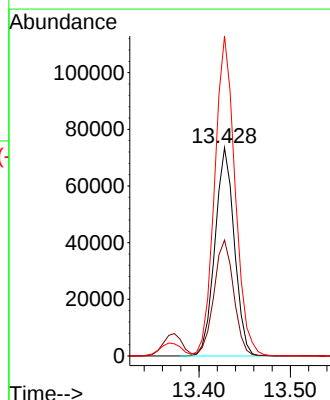
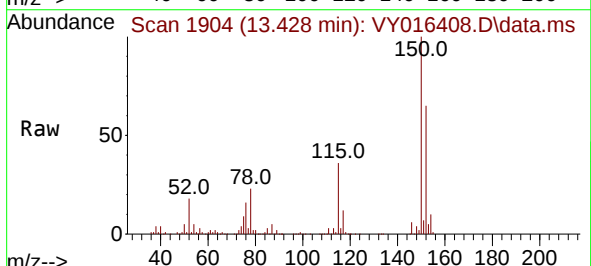
Delta R.T. -0.007 min

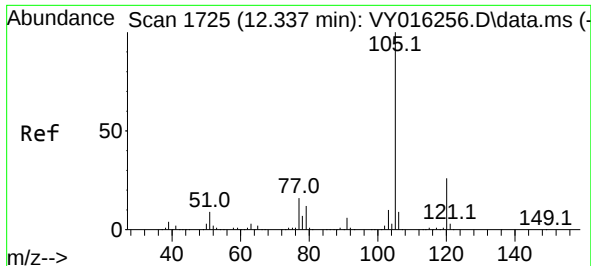
Lab File: VY016408.D

Acq: 17 Nov 2023 14:15

Tgt Ion:152 Resp: 108235

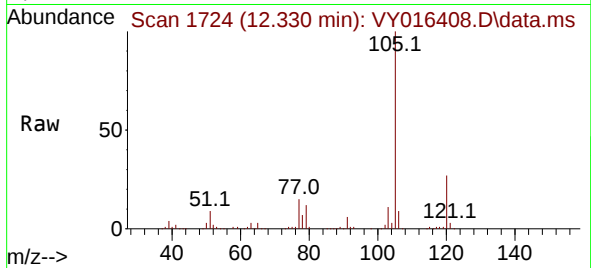
Ion	Ratio	Lower	Upper
152	100		
115	56.8	28.8	86.5
150	161.4	0.0	348.8





#73
Isopropylbenzene
Concen: 19.116 ug/l
RT: 12.330 min Scan# 1724
Delta R.T. -0.007 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

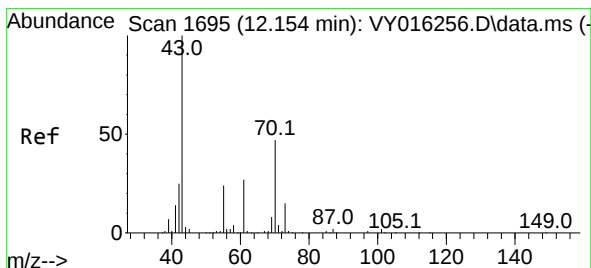
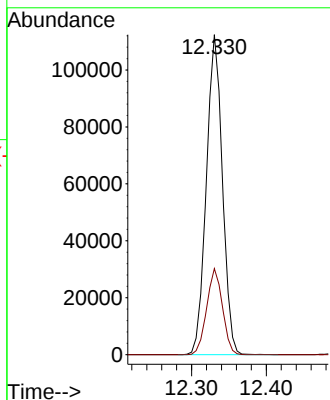
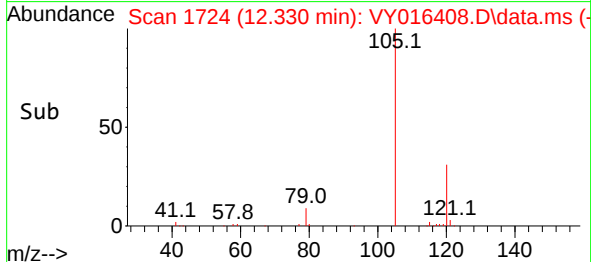
Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBSD01



Tgt Ion:105 Resp: 16754
Ion Ratio Lower Upper
105 100
120 26.4 13.3 39.9

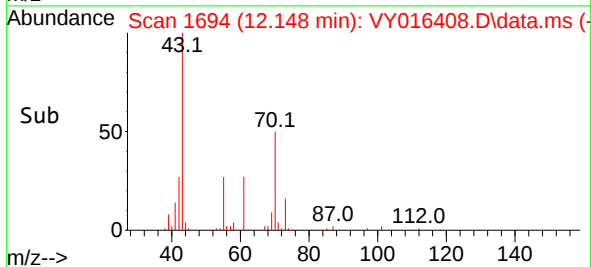
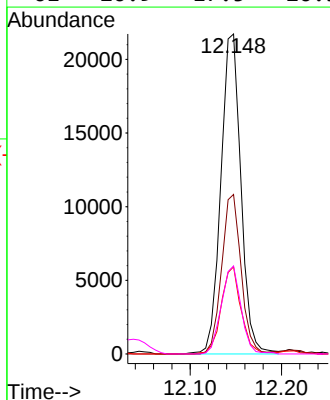
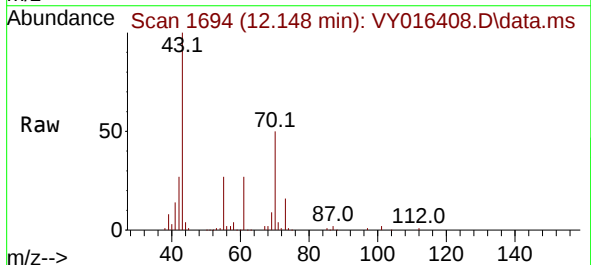
Manual Integrations
APPROVED

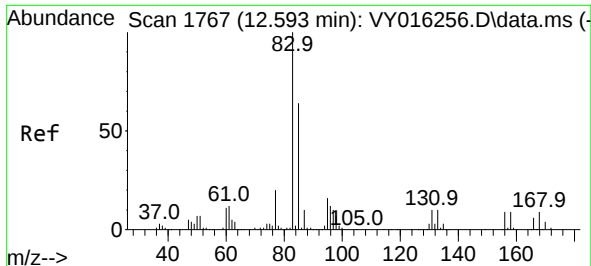
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#74
N-ethyl acetate
Concen: 18.863 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. -0.007 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

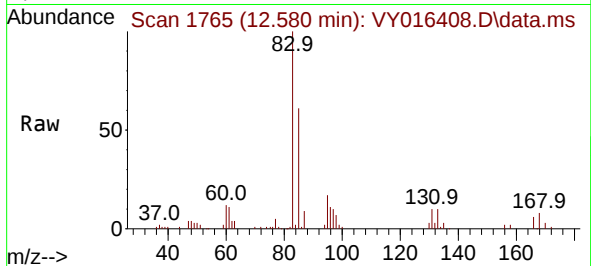
Tgt Ion: 43 Resp: 33208
Ion Ratio Lower Upper
43 100
70 48.3 29.7 44.5#
55 26.9 18.3 27.5
61 26.9 17.5 26.3#





#75
1,1,2,2-Tetrachloroethane
Concen: 19.984 ug/l
RT: 12.580 min Scan# 1765
Delta R.T. -0.013 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

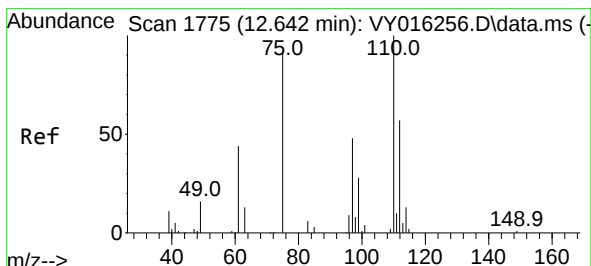
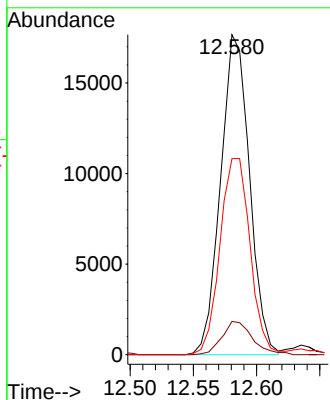
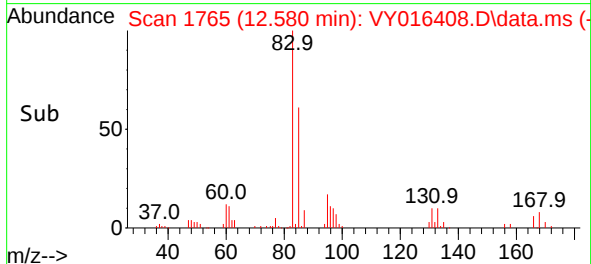
Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBSD01



Tgt Ion: 83 Resp: 28100
Ion Ratio Lower Upper
83 100
131 10.9 5.4 16.2
85 63.8 31.8 95.4

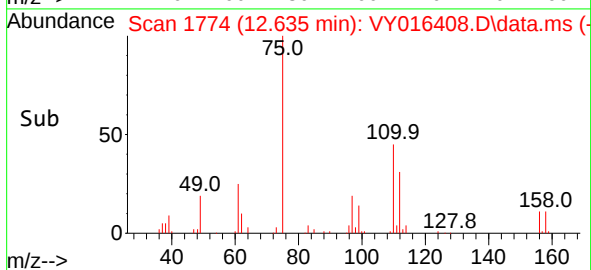
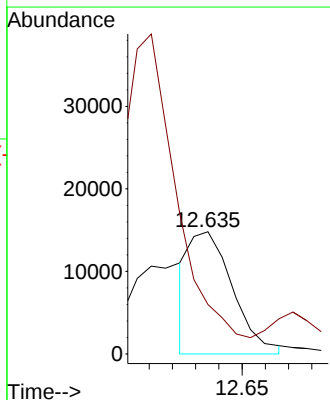
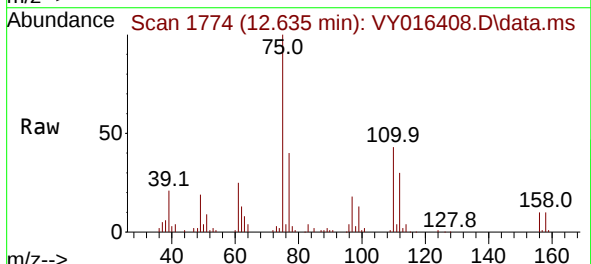
Manual Integrations
APPROVED

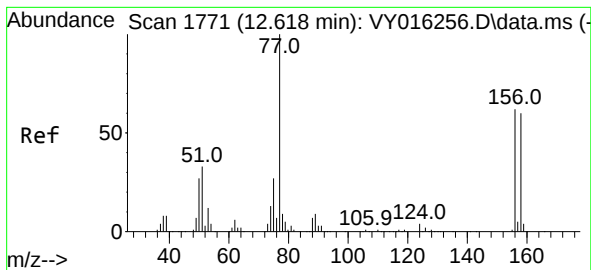
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#76
1,2,3-Trichloropropane
Concen: 18.569 ug/l m
RT: 12.635 min Scan# 1774
Delta R.T. -0.007 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

Tgt Ion: 75 Resp: 19280
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.404 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.007 min

Lab File: VY016408.D

Acq: 17 Nov 2023 14:15

Instrument :

MSVOA_Y

ClientSampleId :

VY1117SBS01

Tgt Ion:156 Resp: 38438

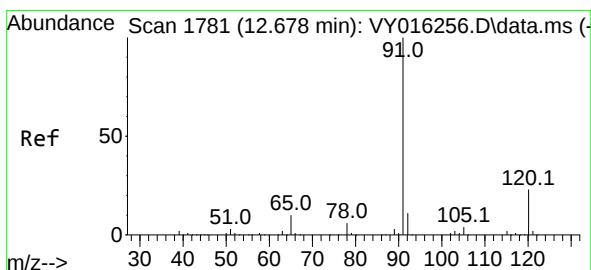
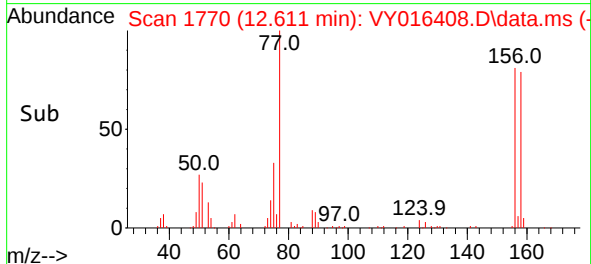
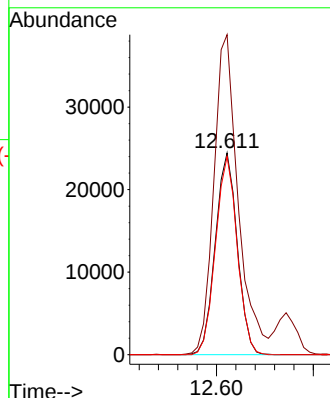
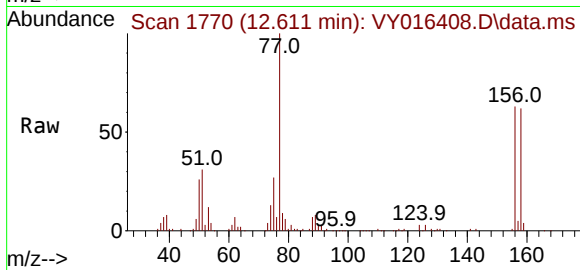
Ion	Ratio	Lower	Upper
156	100		
77	176.1	92.8	278.6
158	97.1	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#78

n-propylbenzene

Concen: 18.794 ug/l

RT: 12.672 min Scan# 1780

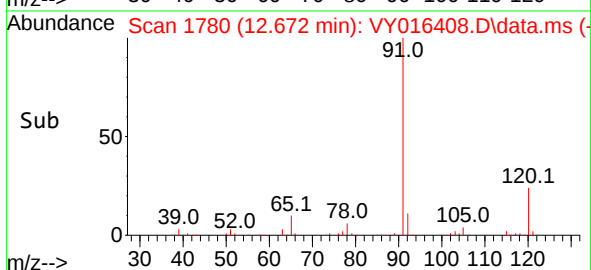
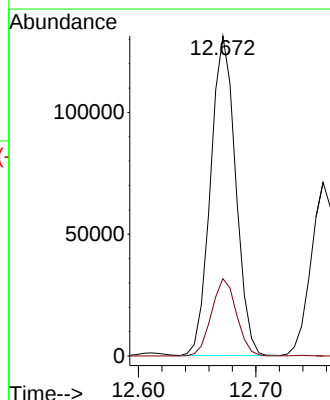
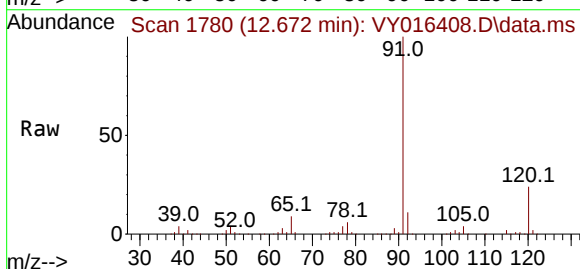
Delta R.T. -0.007 min

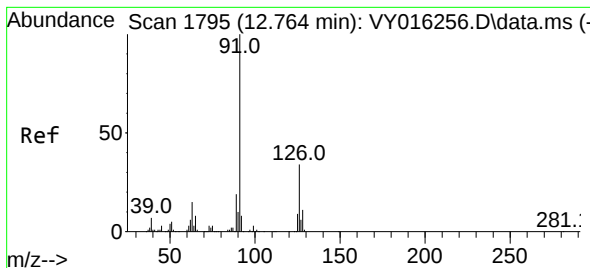
Lab File: VY016408.D

Acq: 17 Nov 2023 14:15

Tgt Ion: 91 Resp: 194667

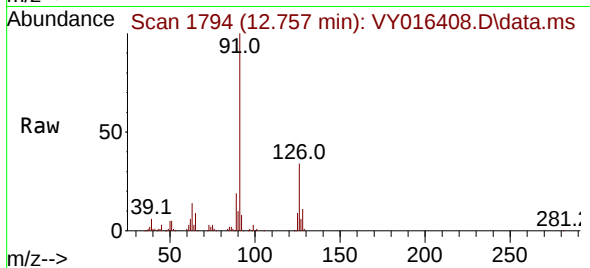
Ion	Ratio	Lower	Upper
91	100		
120	24.0	11.5	34.4





#79
2-Chlorotoluene
Concen: 19.090 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. -0.007 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

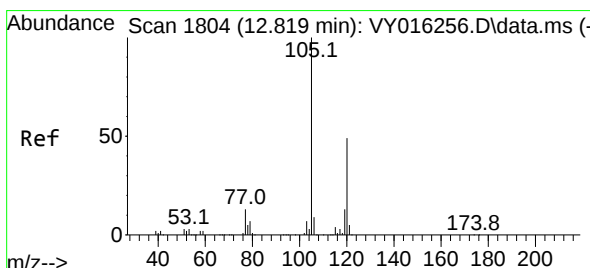
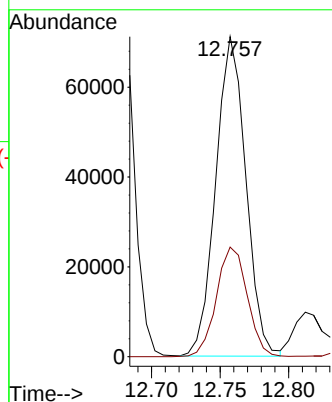
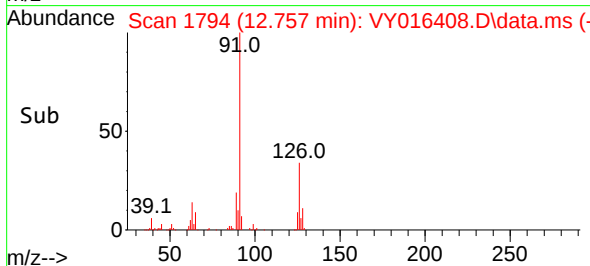
Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBSD01



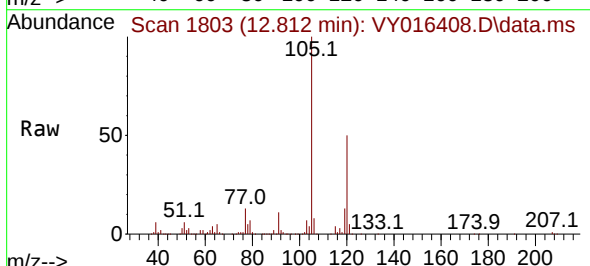
Tgt Ion: 91 Resp: 108968
Ion Ratio Lower Upper
91 100
126 35.0 17.3 51.7

Manual Integrations
APPROVED

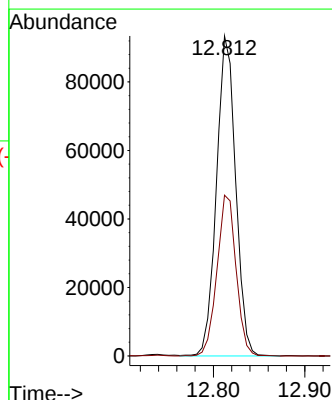
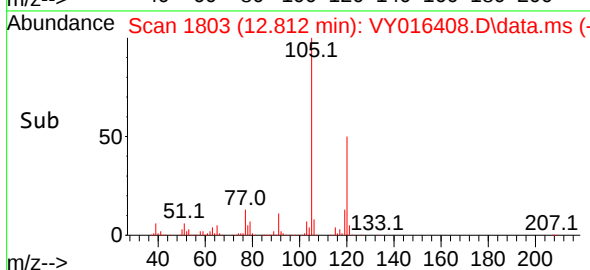
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

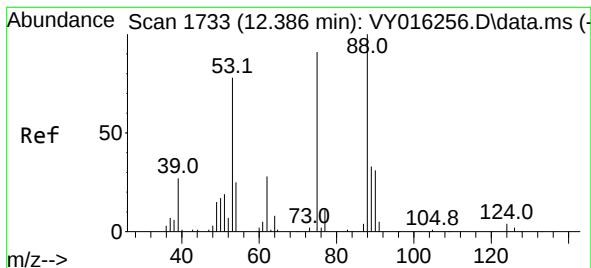


#80
1,3,5-Trimethylbenzene
Concen: 19.280 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.007 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15



Tgt Ion:105 Resp: 136244
Ion Ratio Lower Upper
105 100
120 50.1 23.9 71.7





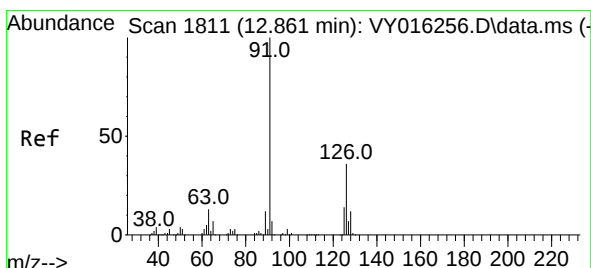
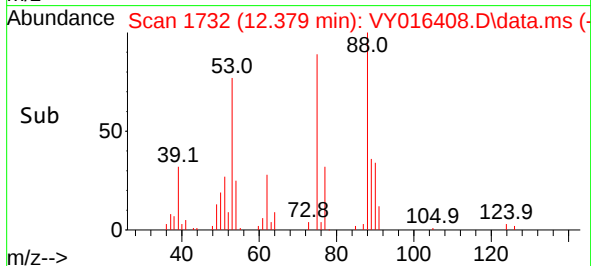
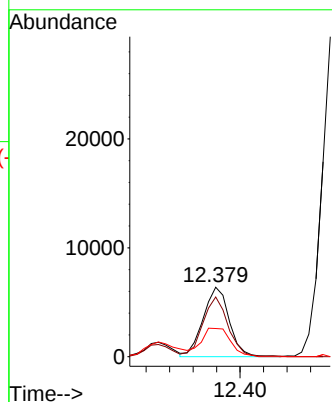
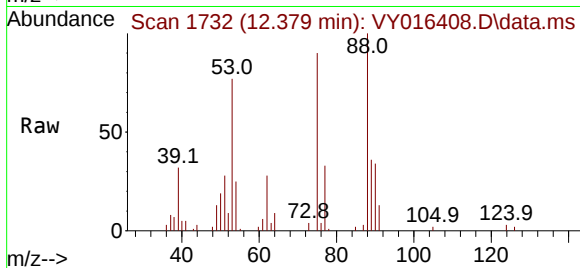
#81
trans-1,4-Dichloro-2-butene
Concen: 20.487 ug/l
RT: 12.379 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBSD01

Tgt Ion: 75 Resp: 9800
Ion Ratio Lower Upper
75 100
53 83.9 77.8 116.8
89 45.9 37.4 56.0

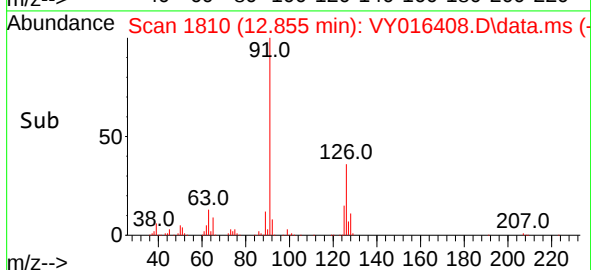
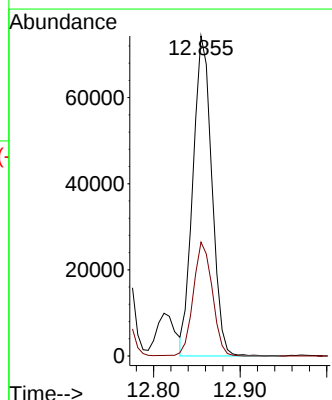
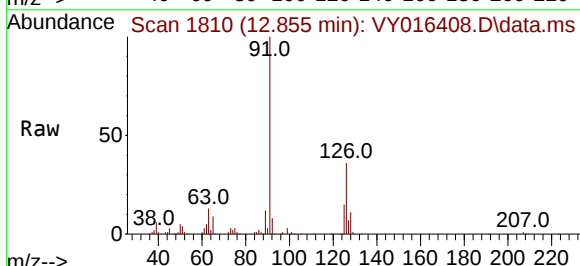
Manual Integrations
APPROVED

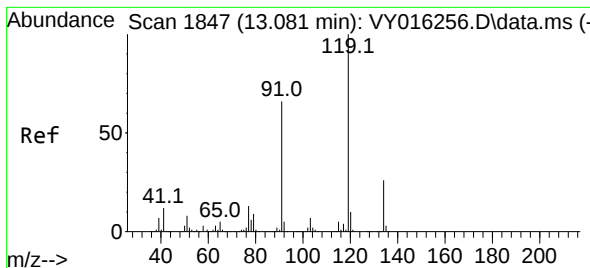
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#82
4-Chlorotoluene
Concen: 19.093 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.007 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

Tgt Ion: 91 Resp: 112618
Ion Ratio Lower Upper
91 100
126 35.8 17.2 51.6





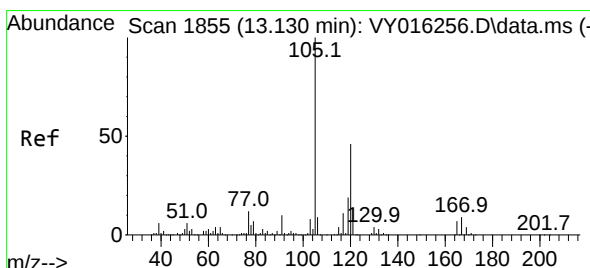
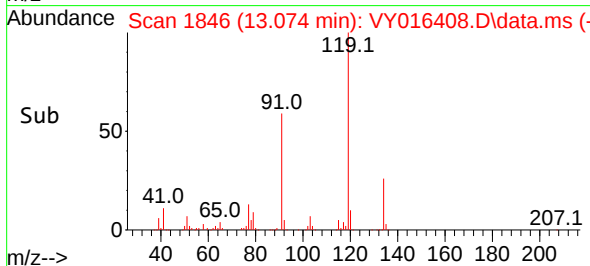
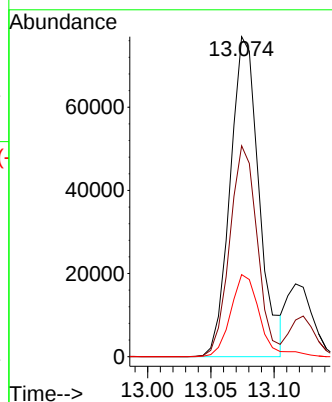
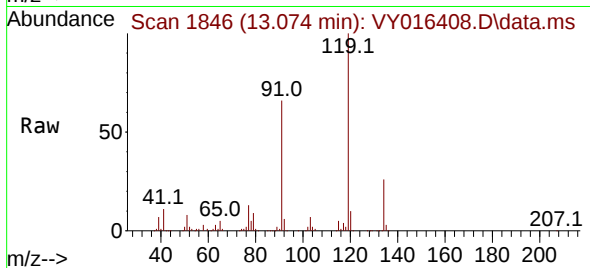
#83
tert-Butylbenzene
Concen: 19.630 ug/l
RT: 13.074 min Scan# 1847
Delta R.T. -0.007 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBSD01

Tgt Ion:119 Resp: 122179
Ion Ratio Lower Upper
119 100
91 63.2 32.9 98.6
134 25.9 13.0 38.9

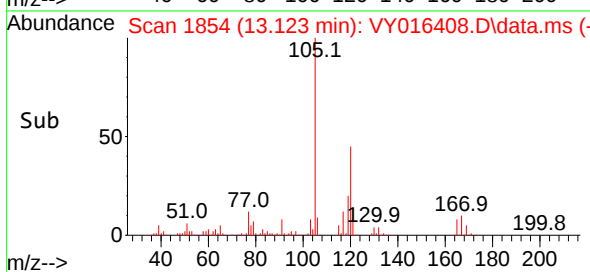
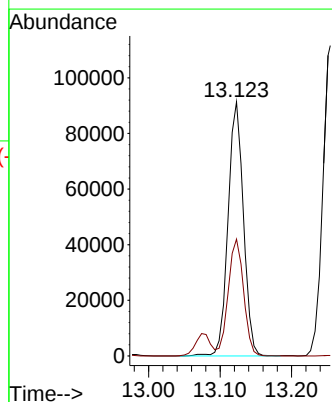
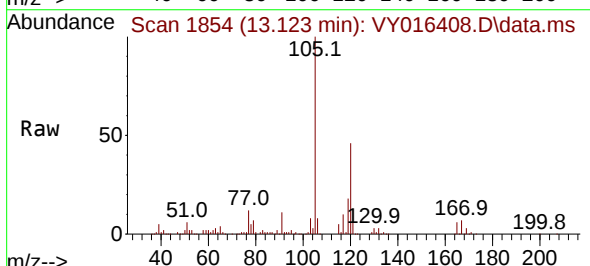
Manual Integrations
APPROVED

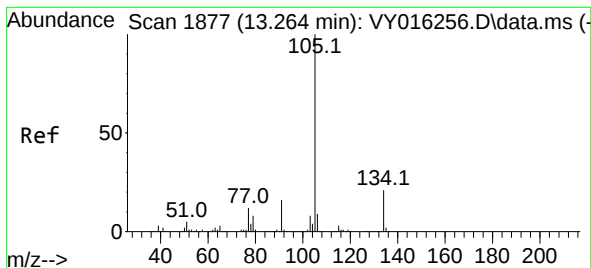
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#84
1,2,4-Trimethylbenzene
Concen: 19.609 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.007 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

Tgt Ion:105 Resp: 136438
Ion Ratio Lower Upper
105 100
120 45.9 22.2 66.6





#85

sec-Butylbenzene

Concen: 19.509 ug/l

RT: 13.257 min Scan# 1876

Delta R.T. -0.007 min

Lab File: VY016408.D

Acq: 17 Nov 2023 14:15

Instrument :

MSVOA_Y

ClientSampleId :

VY1117SBSD01

Tgt Ion:105 Resp: 173470

Ion Ratio Lower Upper

105 100

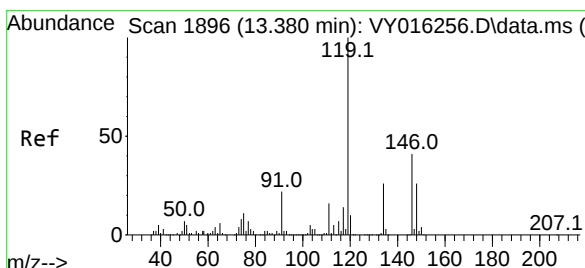
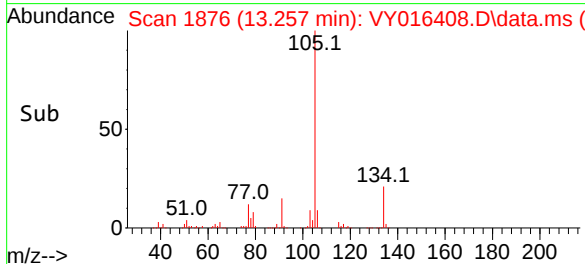
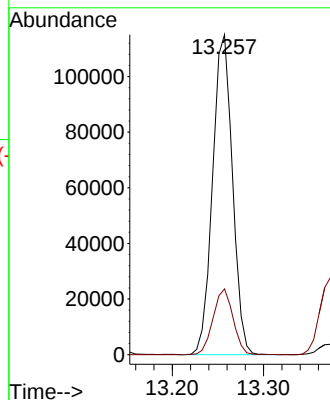
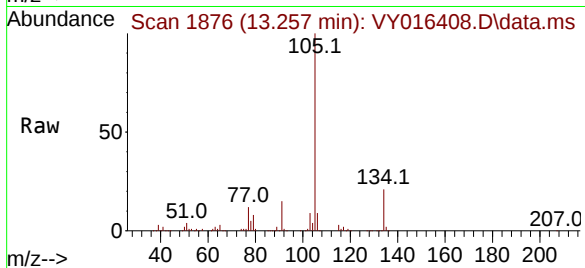
134 20.6 10.2 30.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#86

p-Isopropyltoluene

Concen: 19.596 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. -0.007 min

Lab File: VY016408.D

Acq: 17 Nov 2023 14:15

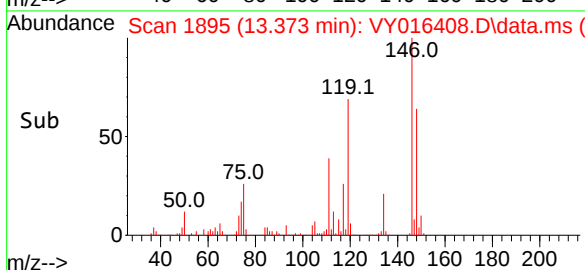
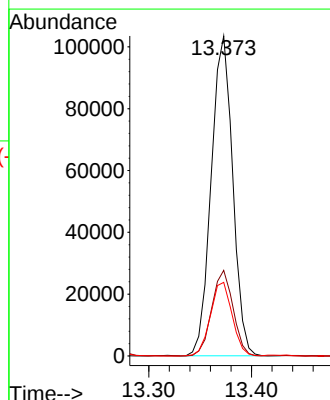
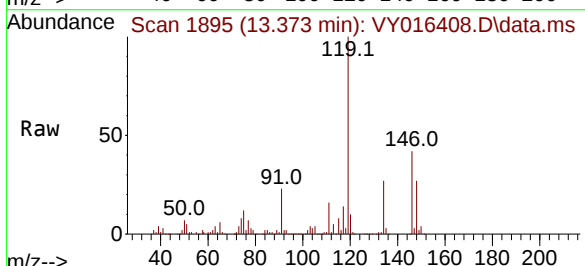
Tgt Ion:119 Resp: 150045

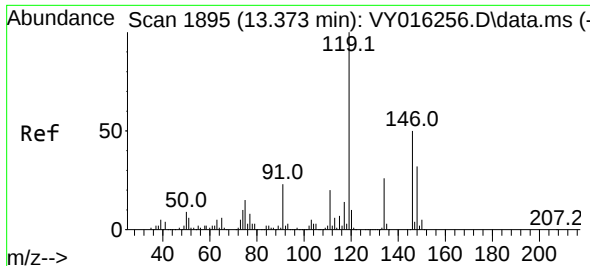
Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.8

91 23.4 12.4 37.4





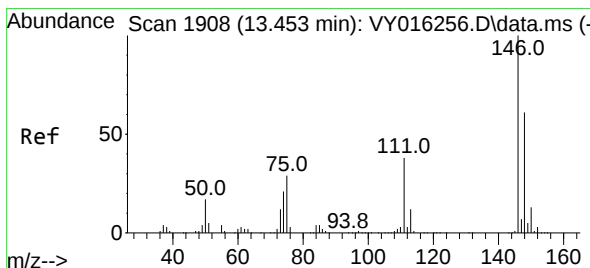
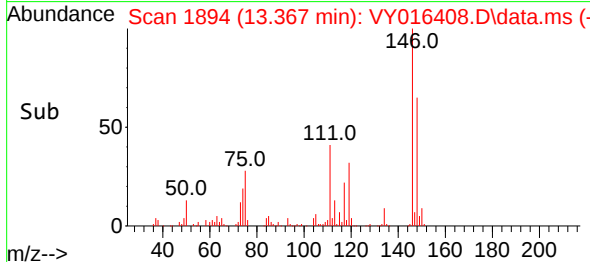
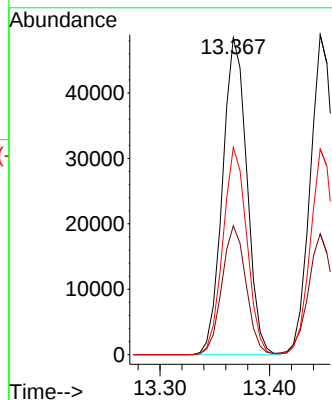
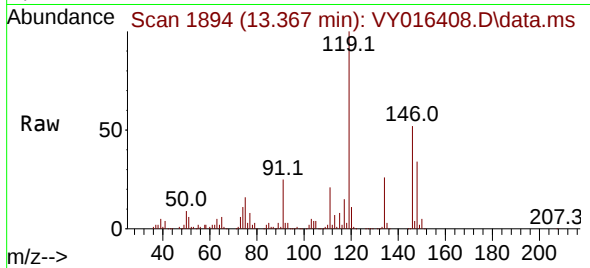
#87
1,3-Dichlorobenzene
Concen: 19.584 ug/l
RT: 13.367 min Scan# 1895
Delta R.T. -0.007 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBSD01

Tgt Ion:146 Resp: 74630
Ion Ratio Lower Upper
146 100
111 40.1 19.4 58.2
148 64.4 31.9 95.5

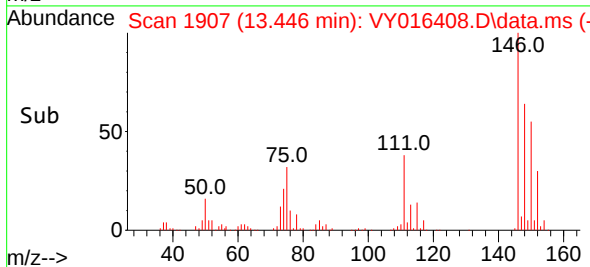
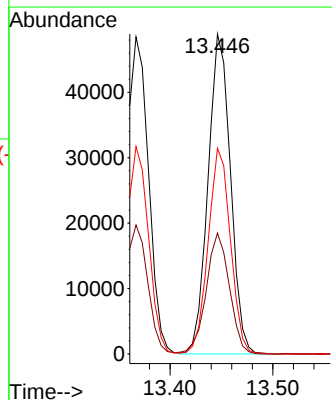
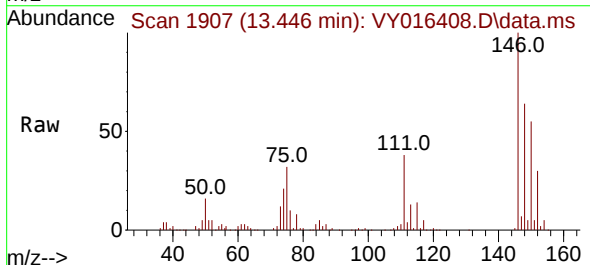
Manual Integrations
APPROVED

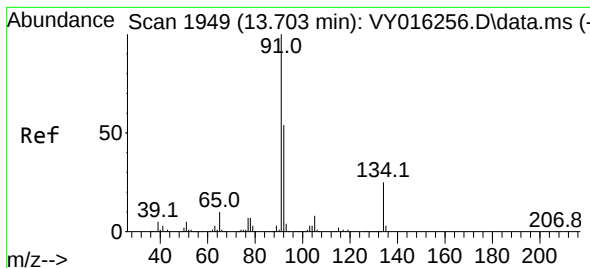
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#88
1,4-Dichlorobenzene
Concen: 19.924 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.007 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

Tgt Ion:146 Resp: 74209
Ion Ratio Lower Upper
146 100
111 39.1 18.9 56.7
148 63.9 32.1 96.5





#89

n-Butylbenzene

Concen: 19.291 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.007 min

Lab File: VY016408.D

Acq: 17 Nov 2023 14:15

Instrument :

MSVOA_Y

ClientSampleId :

VY1117SBSD01

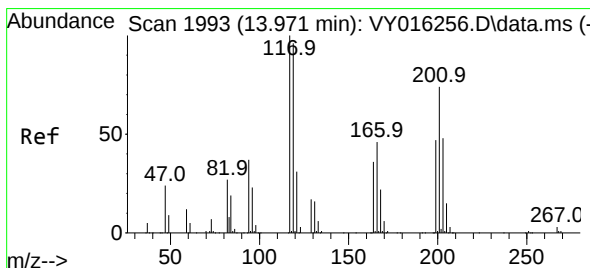
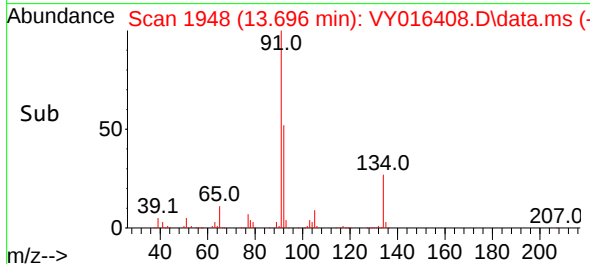
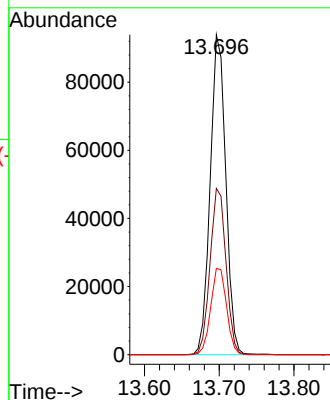
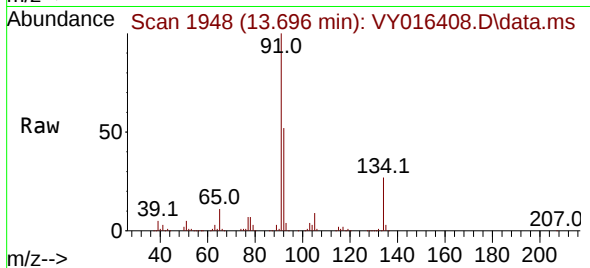
Tgt Ion: 91 Resp: 136410
 Ion Ratio Lower Upper
 91 100
 92 53.0 25.4 76.0
 134 27.4 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#90

Hexachloroethane

Concen: 19.620 ug/l

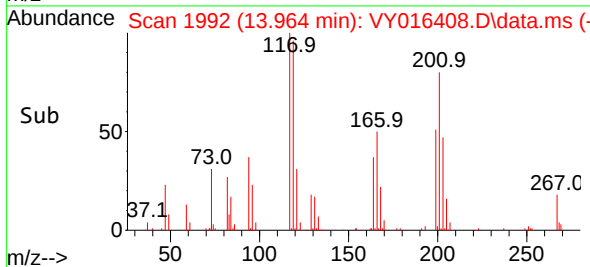
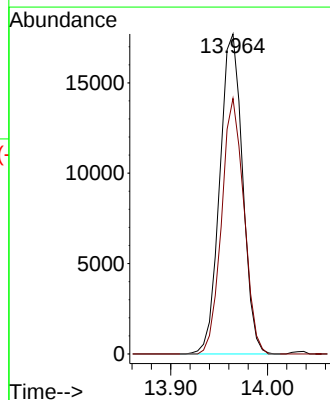
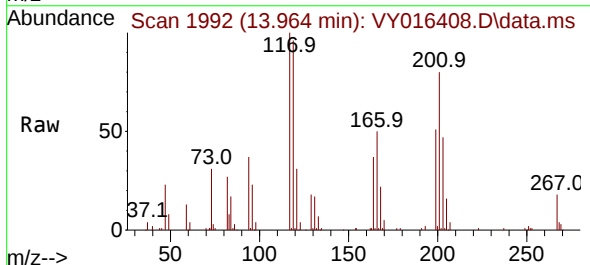
RT: 13.964 min Scan# 1992

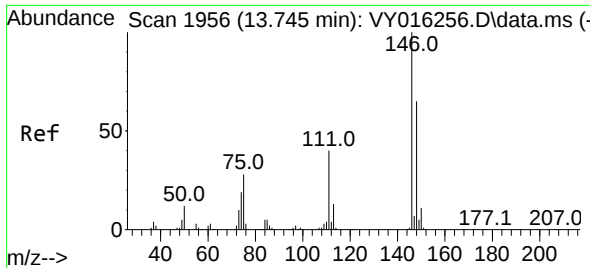
Delta R.T. -0.007 min

Lab File: VY016408.D

Acq: 17 Nov 2023 14:15

Tgt Ion:117 Resp: 28979
 Ion Ratio Lower Upper
 117 100
 201 78.0 41.6 124.8





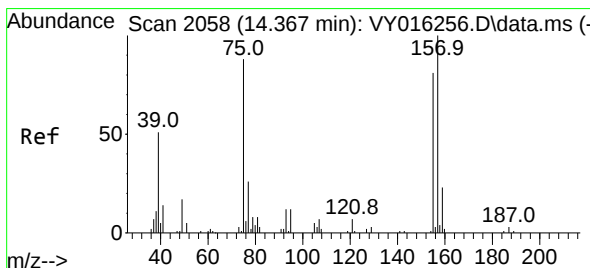
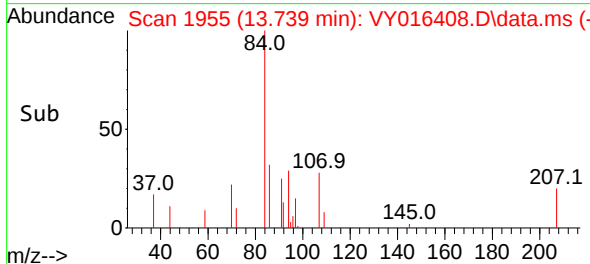
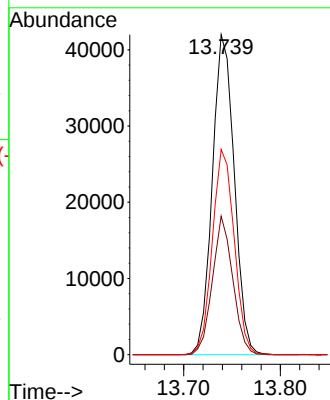
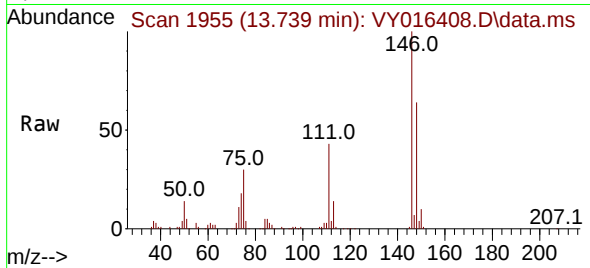
#91
1,2-Dichlorobenzene
Concen: 20.255 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.007 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBSD01

Tgt Ion:146 Resp: 6614
Ion Ratio Lower Upper
146 100
111 40.2 19.7 59.0
148 64.0 32.0 96.2

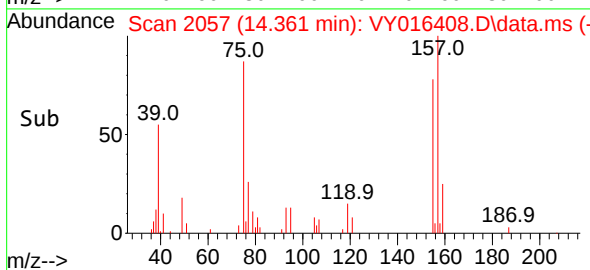
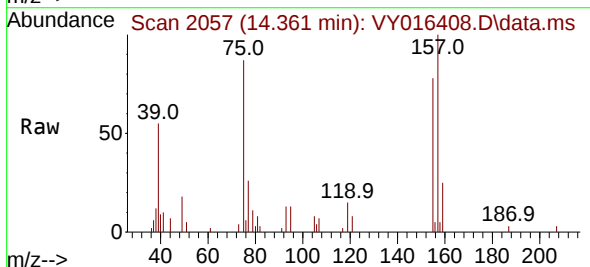
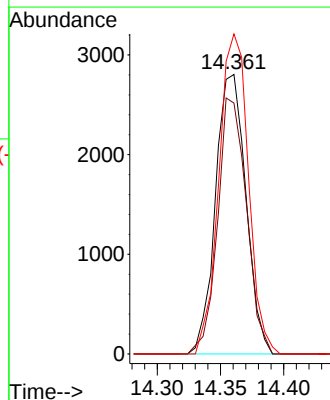
Manual Integrations
APPROVED

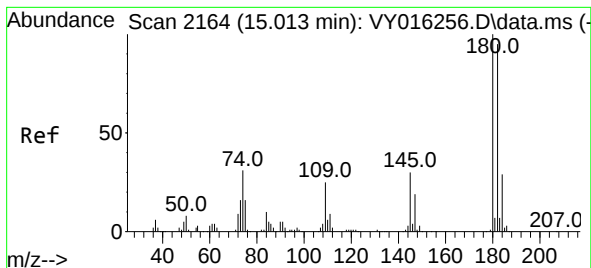
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.929 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. -0.007 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

Tgt Ion: 75 Resp: 4683
Ion Ratio Lower Upper
75 100
155 86.8 41.5 124.6
157 111.1 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 20.634 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. -0.000 min

Lab File: VY016408.D

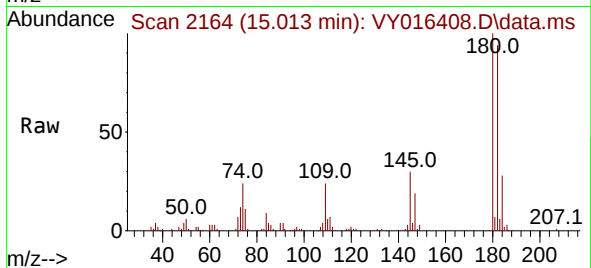
Acq: 17 Nov 2023 14:15

Instrument :

MSVOA_Y

ClientSampleId :

VY1117SBS01



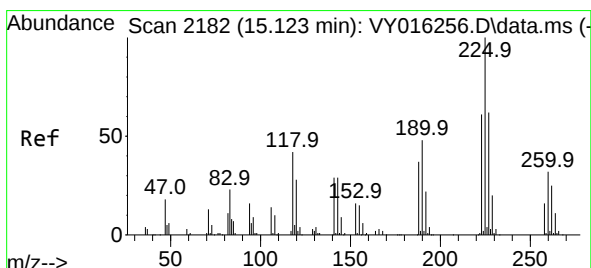
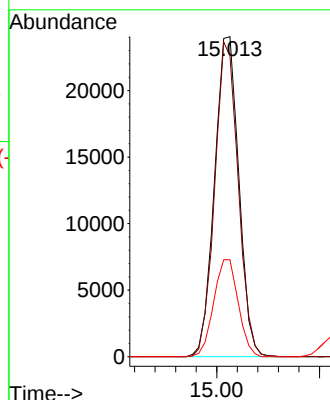
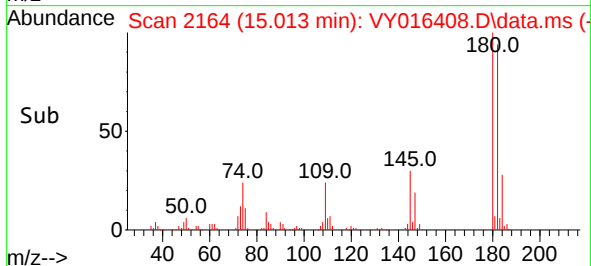
Tgt Ion:	180	Resp:	3933
Ion Ratio	Lower	Upper	
180	100		
182	95.1	47.0	141.2
145	30.7	14.5	43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#94

Hexachlorobutadiene

Concen: 22.295 ug/l

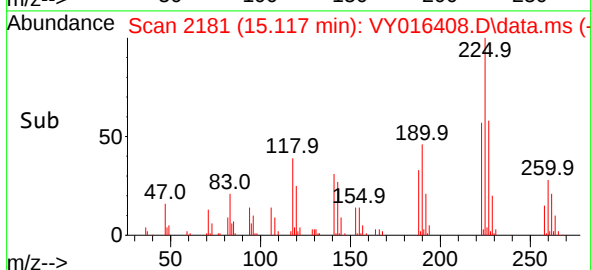
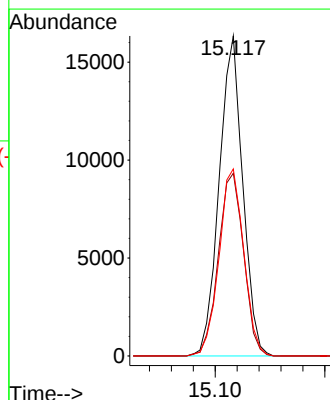
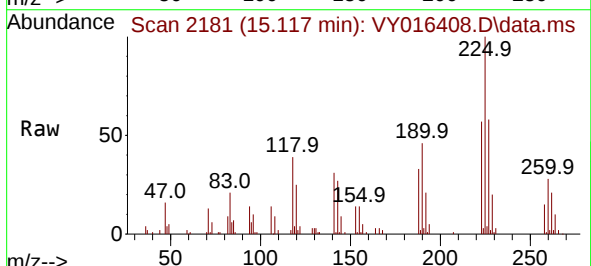
RT: 15.117 min Scan# 2181

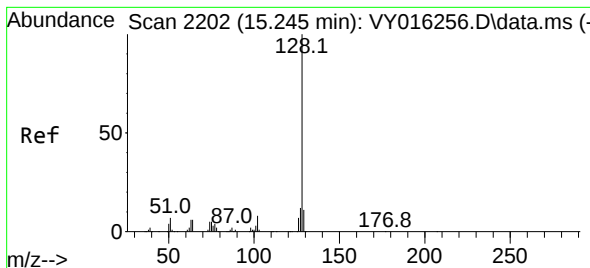
Delta R.T. -0.007 min

Lab File: VY016408.D

Acq: 17 Nov 2023 14:15

Tgt Ion:	225	Resp:	24348
Ion Ratio	Lower	Upper	
225	100		
223	61.2	31.9	95.9
227	61.4	33.0	98.9





#95

Naphthalene

Concen: 20.683 ug/l

RT: 15.238 min Scan# 21

Delta R.T. -0.007 min

Lab File: VY016408.D

Acq: 17 Nov 2023 14:15

Instrument :

MSVOA_Y

ClientSampleId :

VY1117SBS01

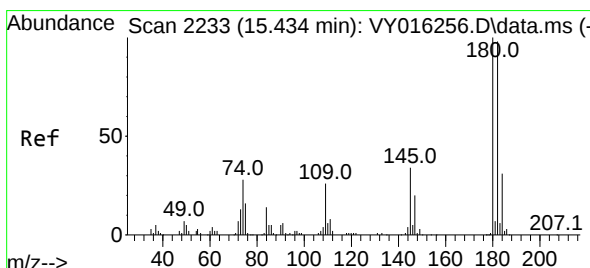
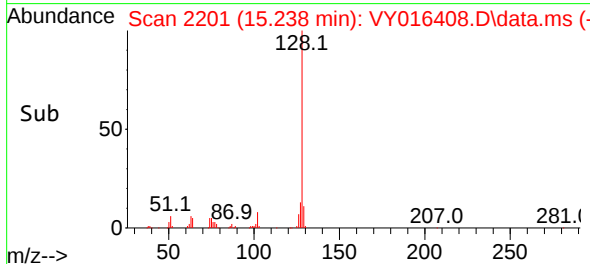
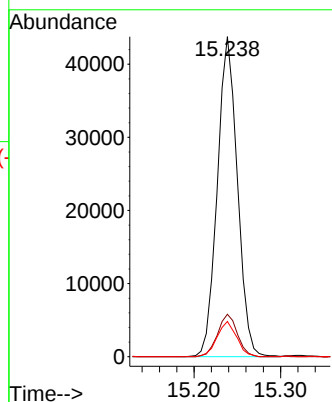
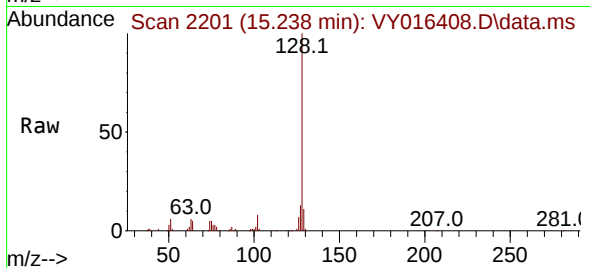
Tgt Ion:128	Resp:	7051
Ion Ratio	Lower	Upper
128	100	
127	13.0	10.8 16.2
129	10.8	8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#96

1,2,3-Trichlorobenzene

Concen: 21.061 ug/l

RT: 15.427 min Scan# 2232

Delta R.T. -0.007 min

Lab File: VY016408.D

Acq: 17 Nov 2023 14:15

Tgt Ion:180	Resp:	33206
Ion Ratio	Lower	Upper
180	100	
182	93.7	47.3 141.8
145	33.4	15.4 46.2

