

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112823\
 Data File : VY016511.D
 Acq On : 28 Nov 2023 10:43
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/29/2023
 Supervised By : Mahesh Dadoda 11/29/2023

Quant Time: Nov 29 03:03:53 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	7.819	168	147557	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	225788	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.514	117	198367	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.446	152	93980	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	62664	46.466	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.940%
35) Dibromofluoromethane	7.746	113	72595	56.599	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.200%
50) Toluene-d8	10.203	98	262060	50.384	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.760%
62) 4-Bromofluorobenzene	12.502	95	89579	53.027	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	106.060%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.918	85	70609	48.870	ug/l	98
3) Chloromethane	2.131	50	73652	43.526	ug/l	97
4) Vinyl Chloride	2.272	62	83778	46.043	ug/l	100
5) Bromomethane	2.674	94	56459	47.215	ug/l	100
6) Chloroethane	2.820	64	55654	47.935	ug/l	99
7) Trichlorofluoromethane	3.150	101	141063	53.287	ug/l	99
8) Diethyl Ether	3.552	74	41710	52.718	ug/l	75
9) 1,1,2-Trichlorotrifluo...	3.924	101	81881	51.355	ug/l	96
10) Methyl Iodide	4.125	142	98178	57.014	ug/l	97
11) Tert butyl alcohol	4.997	59	23892	226.235	ug/l #	81
12) 1,1-Dichloroethene	3.899	96	77073	51.688	ug/l	81
13) Acrolein	3.753	56	28718	225.450	ug/l	98
14) Allyl chloride	4.509	41	92451	43.692	ug/l #	88
15) Acrylonitrile	5.198	53	78430	249.792	ug/l	97
16) Acetone	3.973	43	57828	259.228	ug/l #	84
17) Carbon Disulfide	4.229	76	221781	49.295	ug/l	99
18) Methyl Acetate	4.503	43	58549	49.393	ug/l #	82
19) Methyl tert-butyl Ether	5.253	73	185247	51.329	ug/l	94
20) Methylene Chloride	4.753	84	82710	52.670	ug/l #	81
21) trans-1,2-Dichloroethene	5.259	96	88351	51.461	ug/l	90
22) Diisopropyl ether	6.155	45	201313	44.146	ug/l #	85
23) Vinyl Acetate	6.094	43	482602	218.408	ug/l #	87
24) 1,1-Dichloroethane	6.051	63	133968	47.620	ug/l	95
25) 2-Butanone	7.015	43	89958	230.230	ug/l #	83
26) 2,2-Dichloropropane	7.015	77	129765	50.680	ug/l	95
27) cis-1,2-Dichloroethene	7.021	96	95394	51.558	ug/l	87
28) Bromochloromethane	7.362	49	47429	45.552	ug/l #	68
29) Tetrahydrofuran	7.374	42	58377	226.039	ug/l #	77
30) Chloroform	7.533	83	152001	51.907	ug/l	96
31) Cyclohexane	7.813	56	113994	42.933	ug/l #	85
32) 1,1,1-Trichloroethane	7.734	97	141703	52.790	ug/l	95
36) 1,1-Dichloropropene	7.947	75	113568	50.993	ug/l	96
37) Ethyl Acetate	7.100	43	41020	45.584	ug/l #	89
38) Carbon Tetrachloride	7.929	117	133335	57.684	ug/l	97
39) Methylcyclohexane	9.209	83	143559	51.730	ug/l #	86
40) Benzene	8.185	78	330880	52.879	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	22111	48.731	ug/l	89
42) 1,2-Dichloroethane	8.264	62	85370	52.656	ug/l	91
43) Isopropyl Acetate	8.301	43	80102	46.050	ug/l #	84
44) Trichloroethene	8.966	130	101853	56.638	ug/l	91
45) 1,2-Dichloropropane	9.240	63	76688	51.032	ug/l	99
46) Dibromomethane	9.331	93	45250	55.567	ug/l	98
47) Bromodichloromethane	9.520	83	114366	54.627	ug/l	98
48) Methyl methacrylate	9.319	41	45076	46.889	ug/l #	78
49) 1,4-Dioxane	9.319	88	8960	1036.392	ug/l #	61
51) 4-Methyl-2-Pentanone	10.093	43	210110	238.870	ug/l #	85
52) Toluene	10.264	92	213982	54.099	ug/l	95
53) t-1,3-Dichloropropene	10.484	75	110729	54.558	ug/l	99
54) cis-1,3-Dichloropropene	9.947	75	130594	53.874	ug/l #	84
55) 1,1,2-Trichloroethane	10.666	97	62456	55.645	ug/l	98
56) Ethyl methacrylate	10.532	69	57533	54.301	ug/l #	74
57) 1,3-Dichloropropane	10.813	76	105367	55.073	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.801	63	196729	273.834	ug/l #	87
59) 2-Hexanone	10.849	43	150025	229.303	ug/l	81
60) Dibromochloromethane	11.008	129	84164	59.957	ug/l	99
61) 1,2-Dibromoethane	11.112	107	61198	57.231	ug/l	99
64) Tetrachloroethene	10.740	164	102776	57.702	ug/l	97
65) Chlorobenzene	11.538	112	236270	55.748	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.611	131	89486	57.246	ug/l	99
67) Ethyl Benzene	11.611	91	410560	53.903	ug/l	97
68) m/p-Xylenes	11.721	106	318079	110.103	ug/l	93
69) o-Xylene	12.050	106	149592	55.771	ug/l	94
70) Styrene	12.063	104	217253	56.566	ug/l	97
71) Bromoform	12.227	173	49954	61.587	ug/l #	99
73) Isopropylbenzene	12.349	105	402031	52.827	ug/l	99
74) N-amyl acetate	12.160	43	65143	42.615	ug/l #	81
75) 1,1,2,2-Tetrachloroethane	12.599	83	63564	52.051	ug/l	97
76) 1,2,3-Trichloropropane	12.654	75	41105m	45.594	ug/l	
77) Bromobenzene	12.630	156	97395	56.624	ug/l	88
78) n-propylbenzene	12.691	91	460907	51.247	ug/l	97
79) 2-Chlorotoluene	12.776	91	258871	52.229	ug/l	97
80) 1,3,5-Trimethylbenzene	12.831	105	328423	53.526	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.398	75	21781	52.441	ug/l	89
82) 4-Chlorotoluene	12.873	91	261734	51.104	ug/l	96
83) tert-Butylbenzene	13.093	119	285362	52.801	ug/l	98
84) 1,2,4-Trimethylbenzene	13.142	105	320654	53.074	ug/l	97
85) sec-Butylbenzene	13.270	105	406354	52.629	ug/l	99
86) p-Isopropyltoluene	13.386	119	358576	53.934	ug/l	98
87) 1,3-Dichlorobenzene	13.386	146	180875	54.660	ug/l	99
88) 1,4-Dichlorobenzene	13.465	146	174482	53.953	ug/l	99
89) n-Butylbenzene	13.715	91	311378	50.714	ug/l	95
90) Hexachloroethane	13.983	117	68363	53.305	ug/l	97
91) 1,2-Dichlorobenzene	13.757	146	154804	54.593	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.373	75	9894	50.924	ug/l	84
93) 1,2,4-Trichlorobenzene	15.025	180	89765	54.234	ug/l	99
94) Hexachlorobutadiene	15.129	225	52481	55.346	ug/l	99
95) Naphthalene	15.257	128	158648	53.593	ug/l	99
96) 1,2,3-Trichlorobenzene	15.446	180	72753	53.143	ug/l	99

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

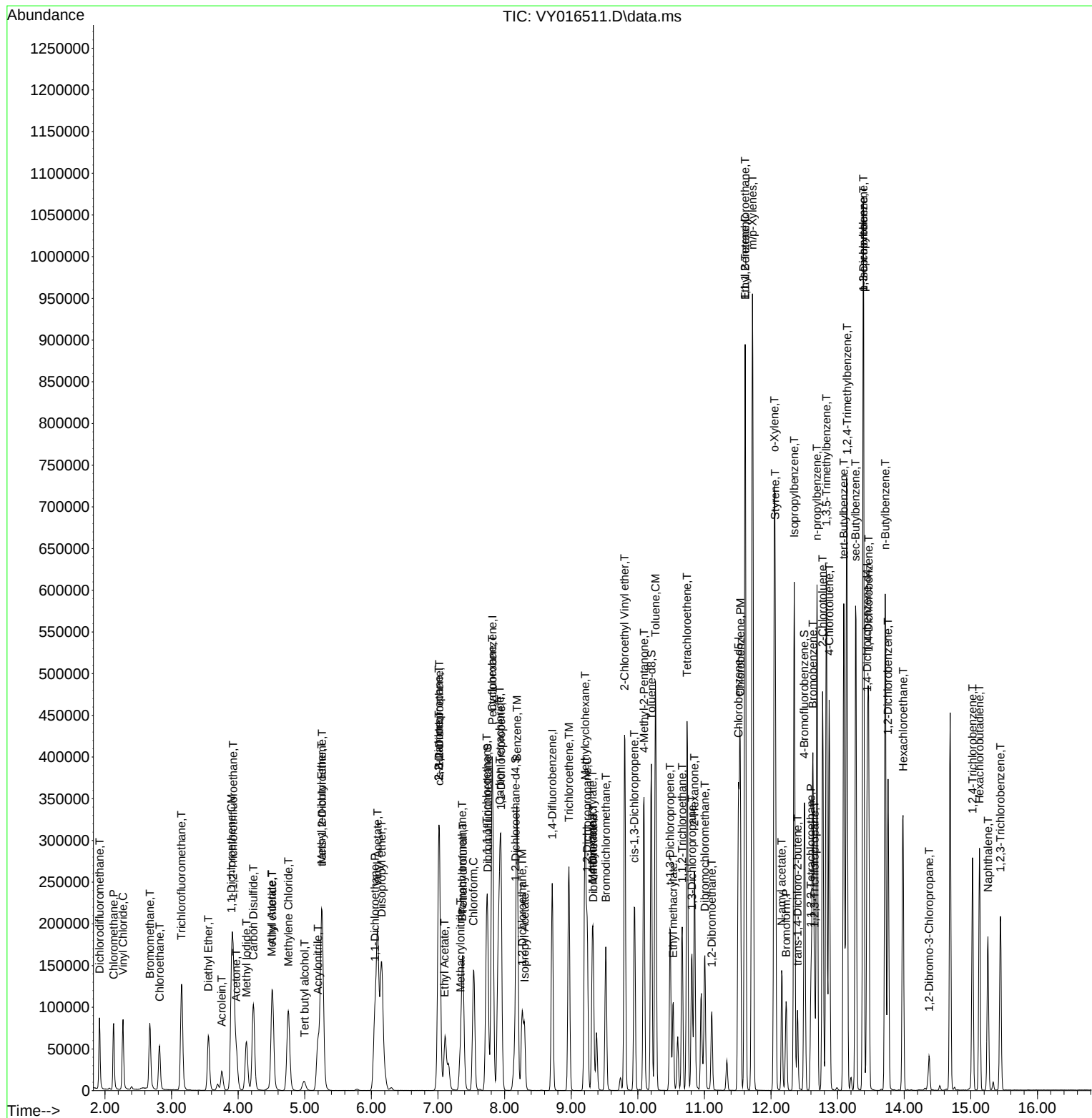
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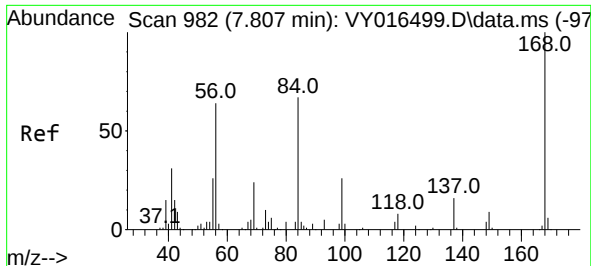
Instrument :
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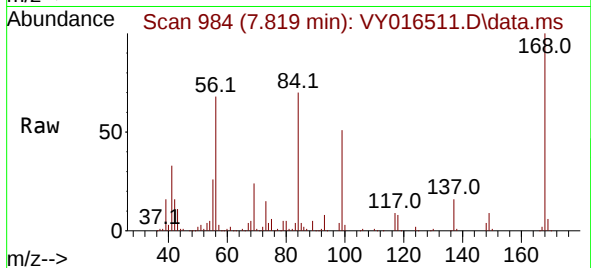
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY016511.D
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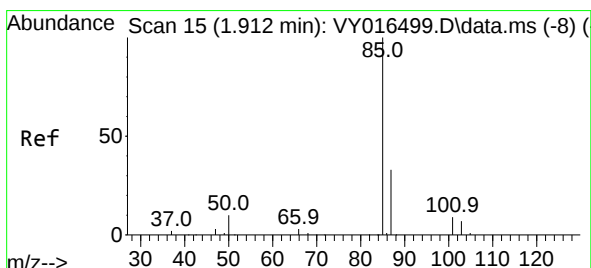
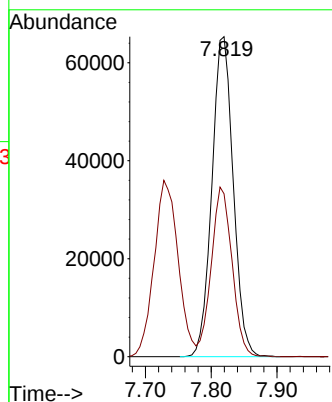
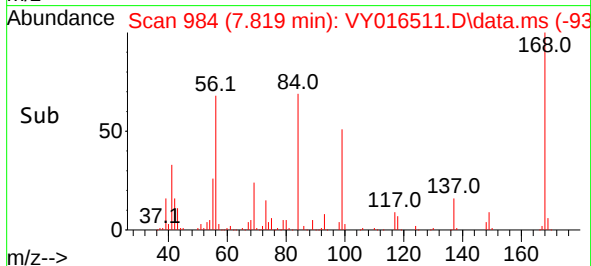
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 14755
Ion Ratio Lower Upper
168 100
99 50.9 43.4 65.0

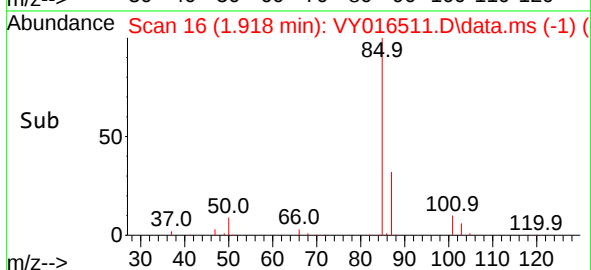
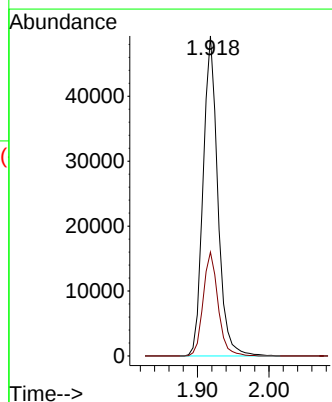
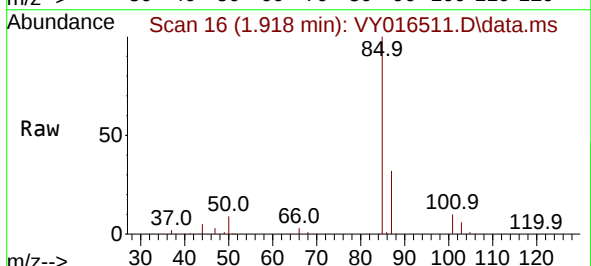
Manual Integrations
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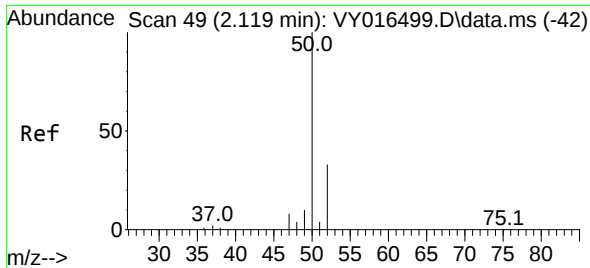
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#2
Dichlorodifluoromethane
Concen: 48.870 ug/l
RT: 1.918 min Scan# 16
Delta R.T. 0.012 min
Lab File: VY016511.D
Acq: 28 Nov 2023 10:43

Tgt Ion: 85 Resp: 70609
Ion Ratio Lower Upper
85 100
87 32.4 15.6 46.8





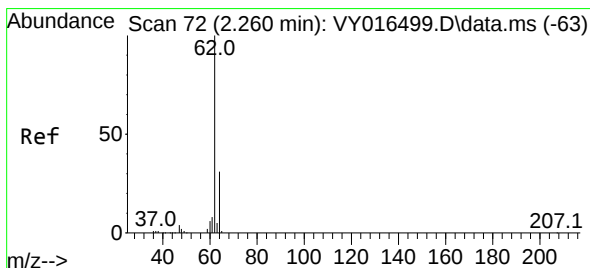
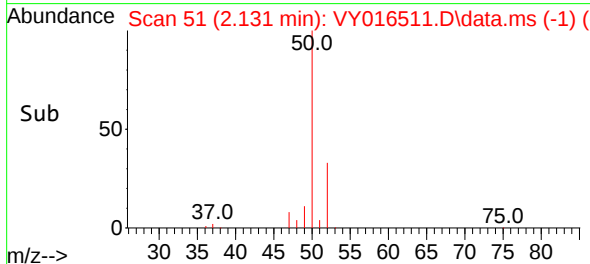
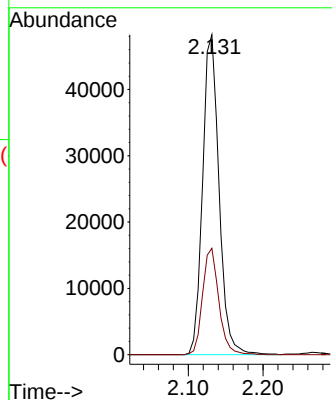
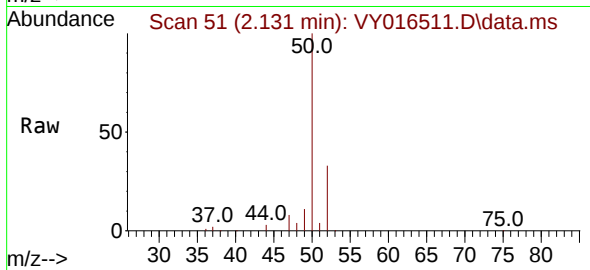
#3
Chloromethane
Concen: 43.526 ug/l
RT: 2.131 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY016511.D
Acq: 28 Nov 2023 10:43

Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion: 50 Resp: 73652
Ion Ratio Lower Upper
50 100
52 33.2 25.4 38.2

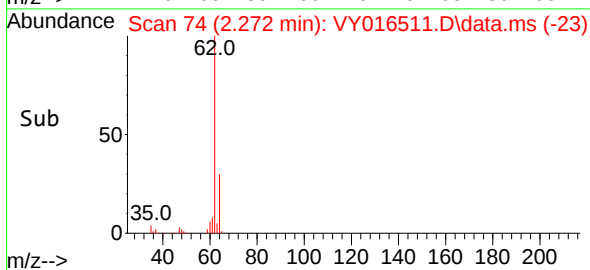
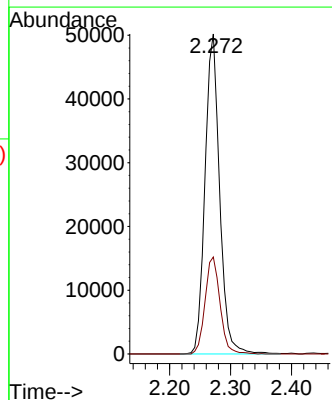
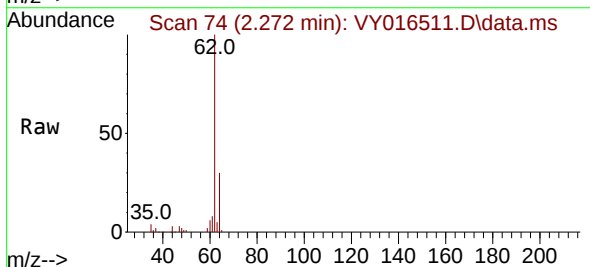
Manual Integrations
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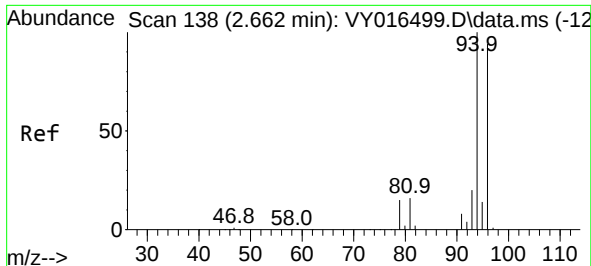
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#4
Vinyl Chloride
Concen: 46.043 ug/l
RT: 2.272 min Scan# 74
Delta R.T. 0.012 min
Lab File: VY016511.D
Acq: 28 Nov 2023 10:43

Tgt Ion: 62 Resp: 83778
Ion Ratio Lower Upper
62 100
64 30.3 24.3 36.5





#5

Bromomethane

Concen: 47.215 ug/l

RT: 2.674 min Scan# 14

Delta R.T. 0.012 min

Lab File: VY016511.D

Acq: 28 Nov 2023 10:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 5645

Ion Ratio Lower Upper

94 100

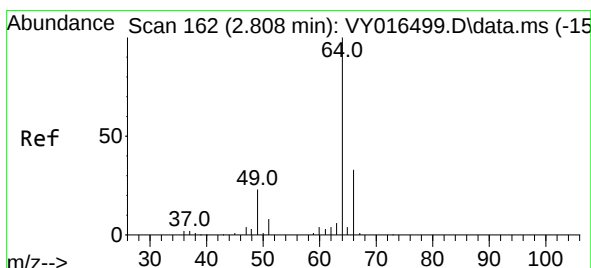
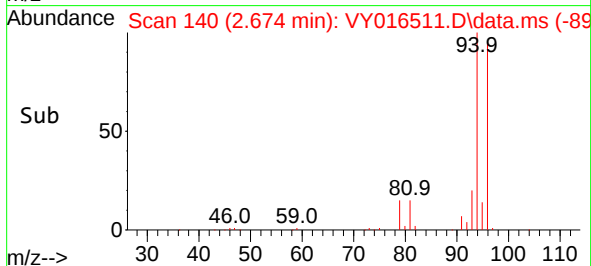
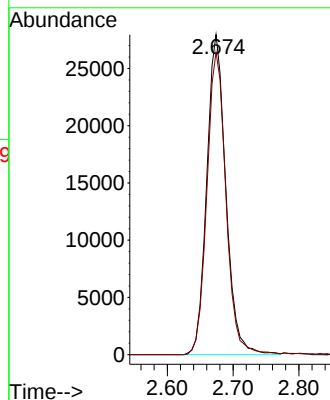
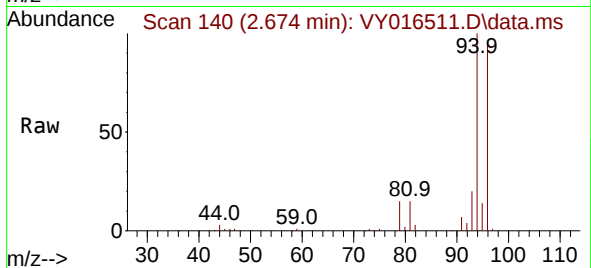
96 94.5 75.8 113.6

Manual Integrations

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#6

Chloroethane

Concen: 47.935 ug/l

RT: 2.820 min Scan# 164

Delta R.T. 0.018 min

Lab File: VY016511.D

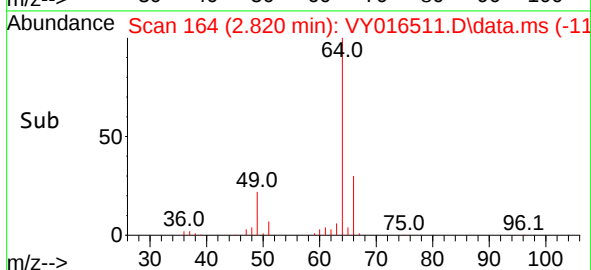
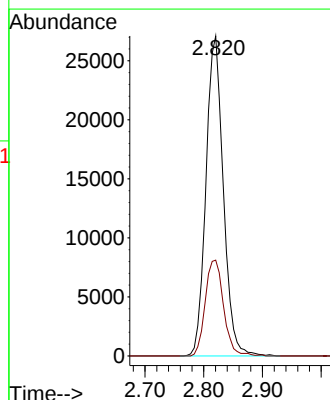
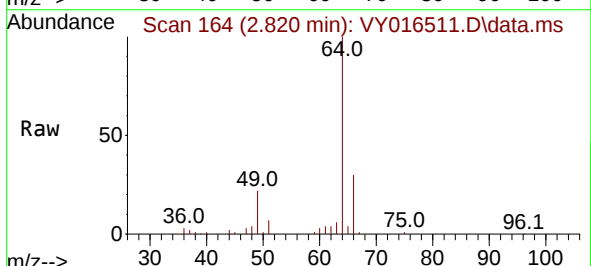
Acq: 28 Nov 2023 10:43

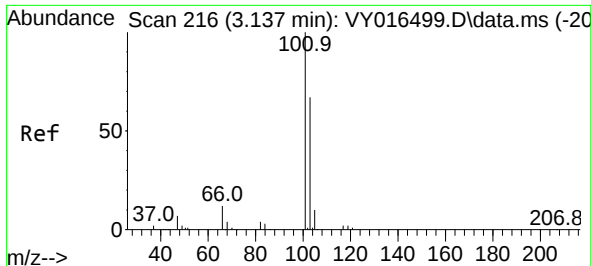
Tgt Ion: 64 Resp: 55654

Ion Ratio Lower Upper

64 100

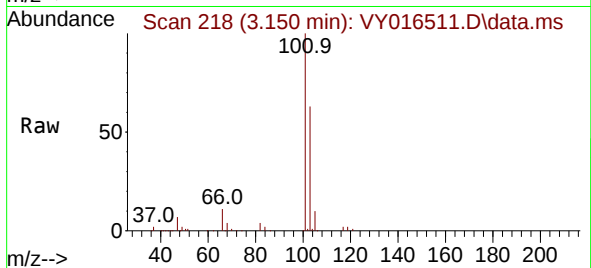
66 29.9 24.4 36.6





#7
Trichlorofluoromethane
Concen: 53.287 ug/l
RT: 3.150 min Scan# 216
Delta R.T. 0.012 min
Lab File: VY016511.D
Acq: 28 Nov 2023 10:43

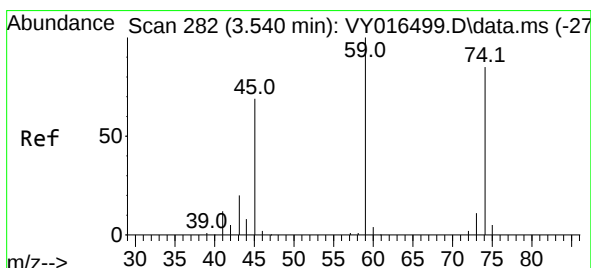
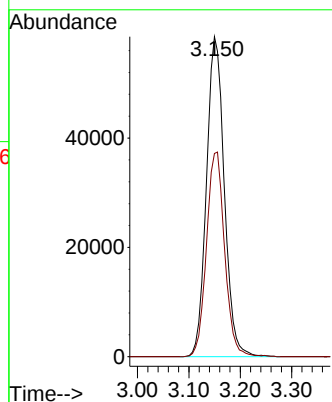
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 14106
Ion Ratio Lower Upper
101 100
103 63.5 51.4 77.0

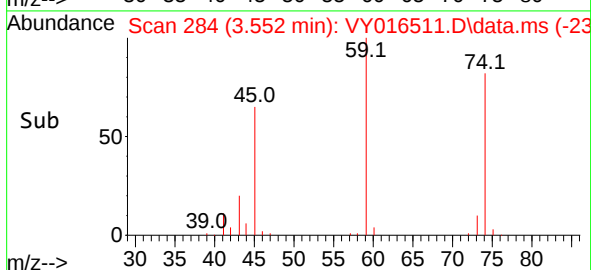
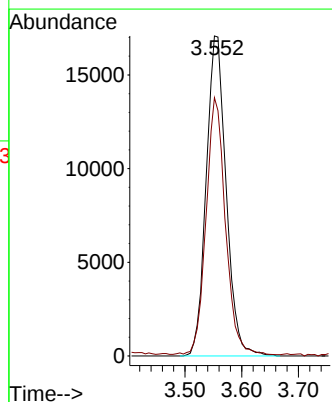
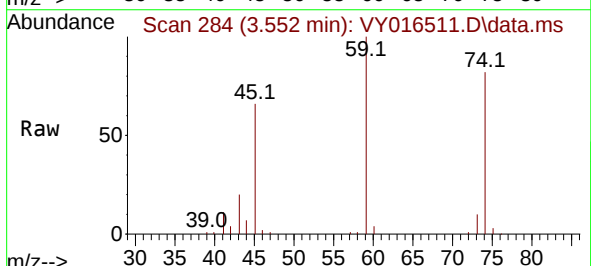
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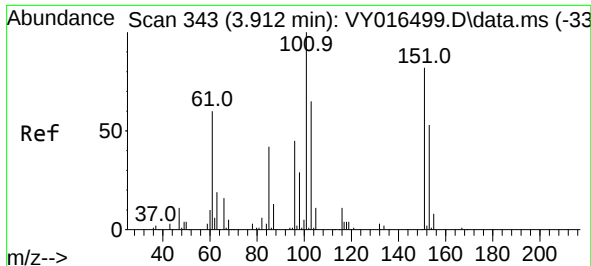
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#8
Diethyl Ether
Concen: 52.718 ug/l
RT: 3.552 min Scan# 284
Delta R.T. 0.012 min
Lab File: VY016511.D
Acq: 28 Nov 2023 10:43

Tgt Ion: 74 Resp: 41710
Ion Ratio Lower Upper
74 100
45 78.1 51.5 154.5





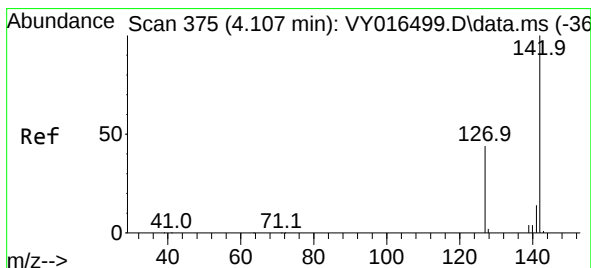
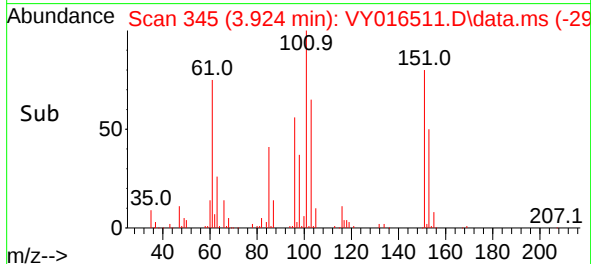
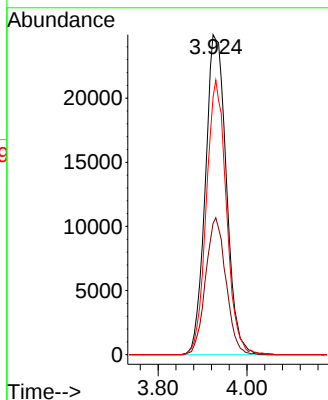
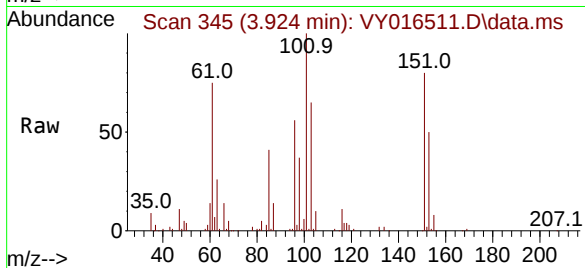
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.355 ug/l
RT: 3.924 min Scan# 343
Delta R.T. 0.012 min
Lab File: VY016511.D
Acq: 28 Nov 2023 10:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 8188
Ion Ratio Lower Upper
101 100
85 41.5 36.6 55.0
151 81.9 67.0 100.6

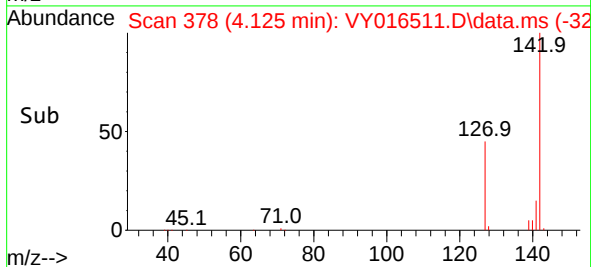
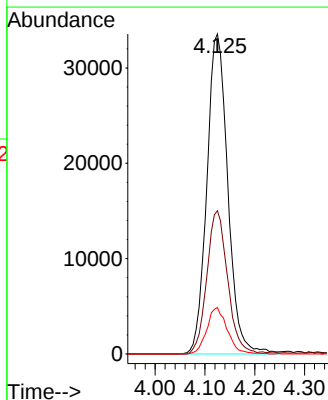
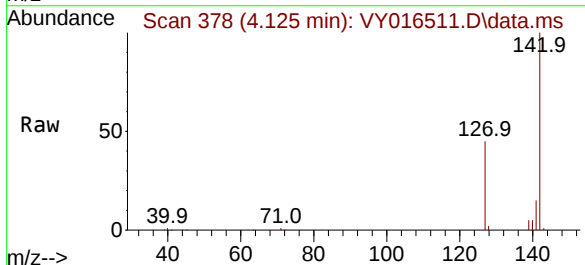
Manual Integrations
APPROVED

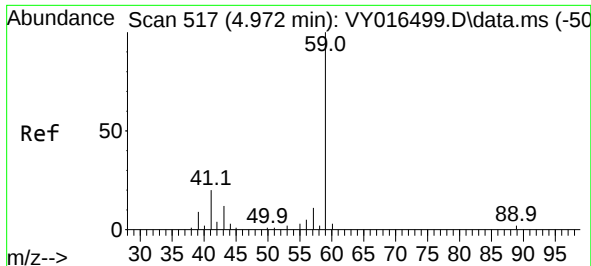
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#10
Methyl Iodide
Concen: 57.014 ug/l
RT: 4.125 min Scan# 378
Delta R.T. 0.018 min
Lab File: VY016511.D
Acq: 28 Nov 2023 10:43

Tgt Ion:142 Resp: 98178
Ion Ratio Lower Upper
142 100
127 44.3 37.6 56.4
141 14.1 11.8 17.8





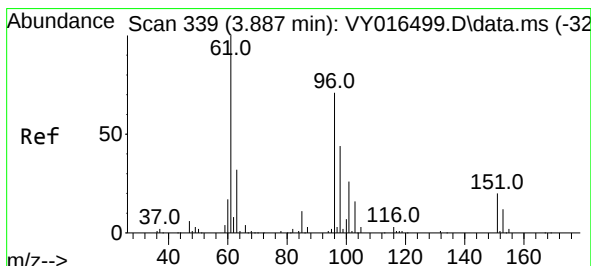
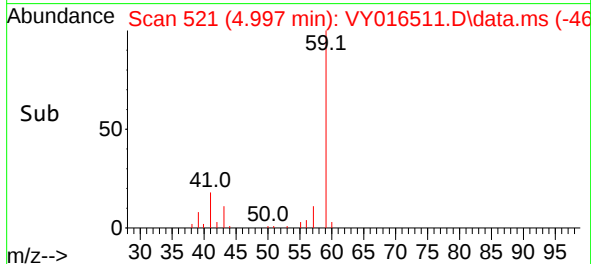
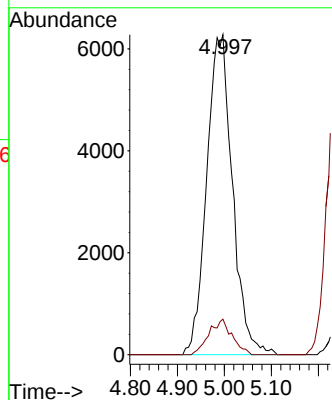
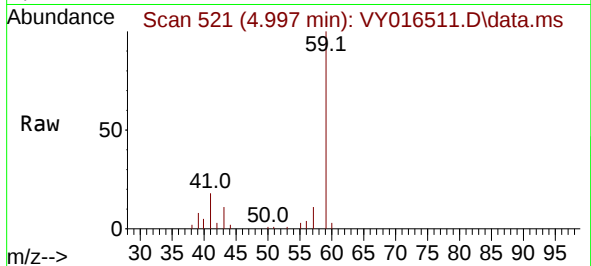
#11
Tert butyl alcohol
Concen: 226.235 ug/l
RT: 4.997 min Scan# 517
Delta R.T. 0.024 min
Lab File: VY016511.D
Acq: 28 Nov 2023 10:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 23892
Ion Ratio Lower Upper
59 100
57 10.0 3.0 4.4

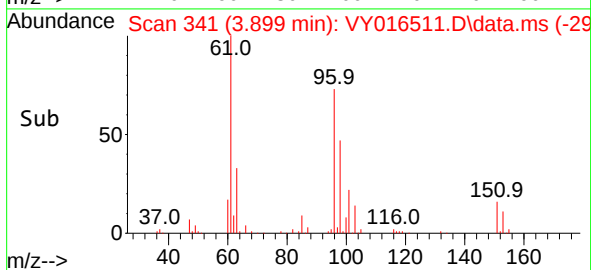
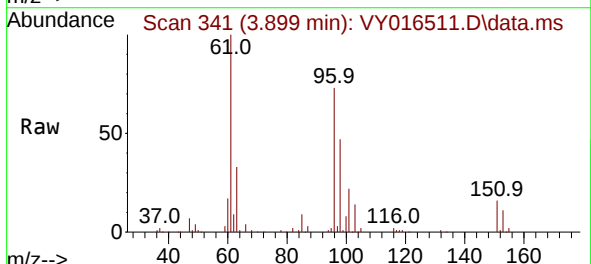
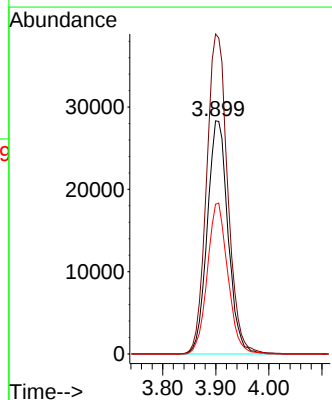
Manual Integrations
APPROVED

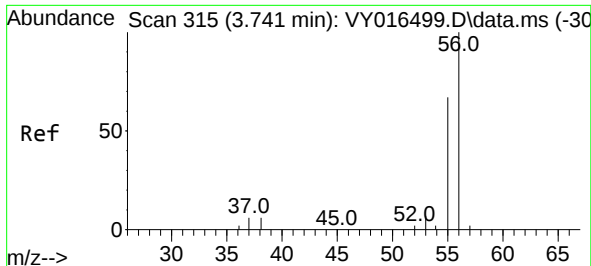
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#12
1,1-Dichloroethene
Concen: 51.688 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY016511.D
Acq: 28 Nov 2023 10:43

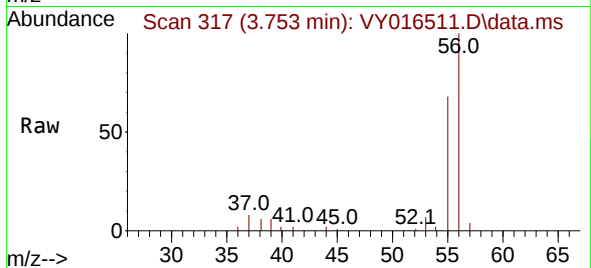
Tgt Ion: 96 Resp: 77073
Ion Ratio Lower Upper
96 100
61 137.2 136.4 204.6
98 64.2 49.4 74.2





#13
Acrolein
Concen: 225.450 ug/l
RT: 3.753 min Scan# 315
Delta R.T. 0.012 min
Lab File: VY016511.D
Acq: 28 Nov 2023 10:43

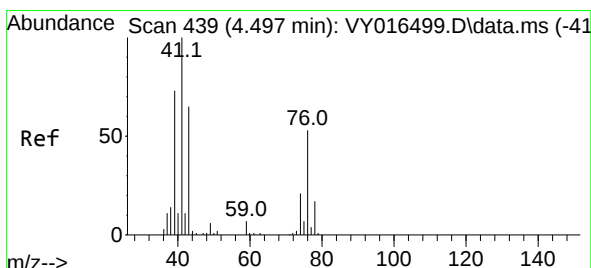
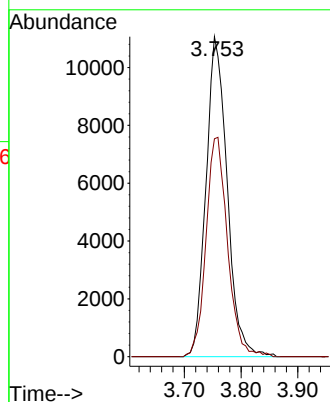
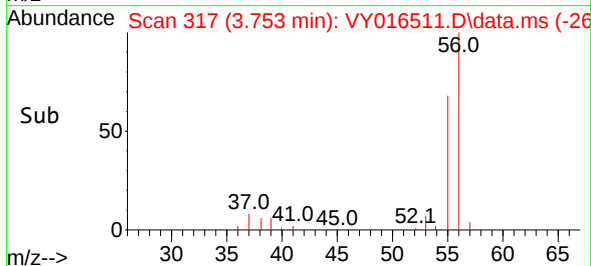
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



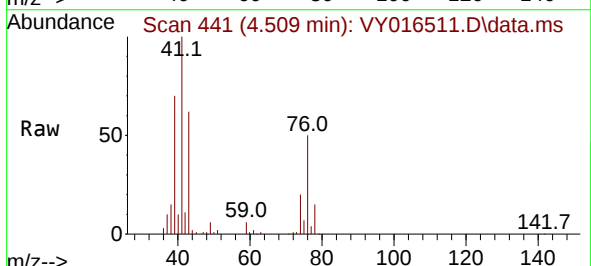
Tgt Ion: 56 Resp: 28718
Ion Ratio Lower Upper
56 100
55 69.6 57.0 85.4

Manual Integrations
APPROVED

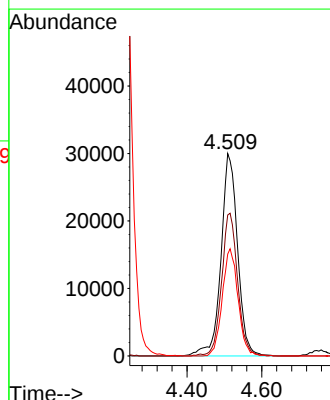
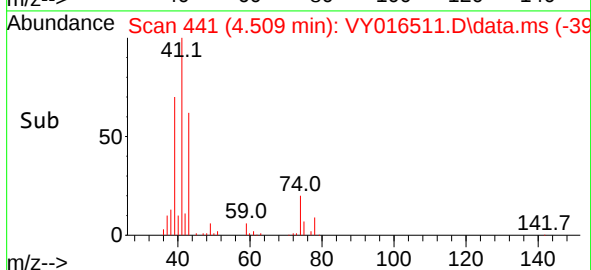
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023

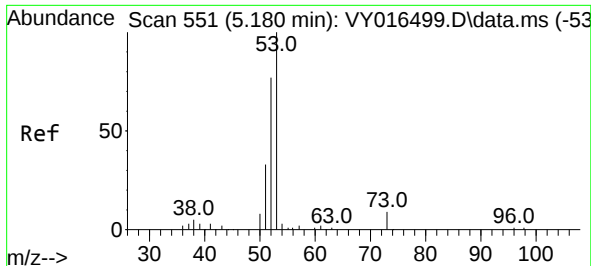


#14
Allyl chloride
Concen: 43.692 ug/l
RT: 4.509 min Scan# 441
Delta R.T. 0.012 min
Lab File: VY016511.D
Acq: 28 Nov 2023 10:43



Tgt Ion: 41 Resp: 92451
Ion Ratio Lower Upper
41 100
39 68.3 58.0 87.0
76 50.3 27.4 41.2#





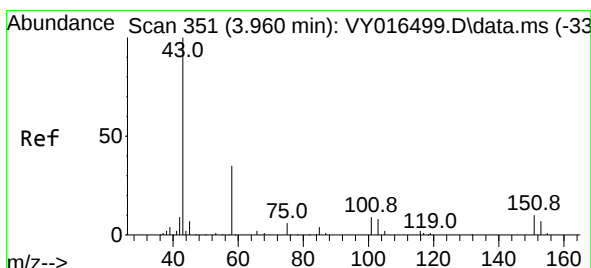
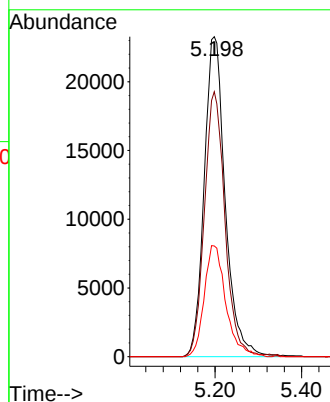
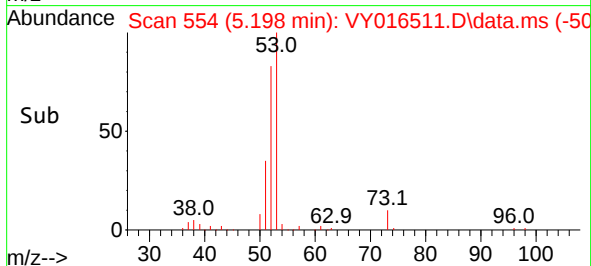
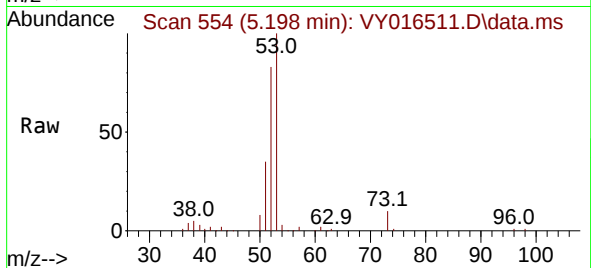
#15
Acrylonitrile
Concen: 249.792 ug/l
RT: 5.198 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY016511.D
Acq: 28 Nov 2023 10:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 78430
Ion Ratio Lower Upper
53 100
52 80.8 66.9 100.3
51 35.8 29.8 44.6

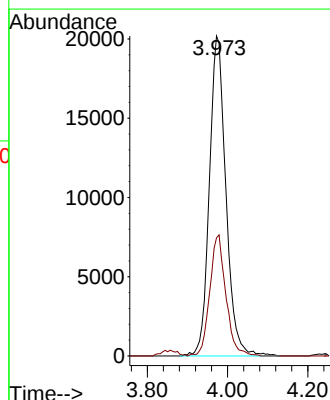
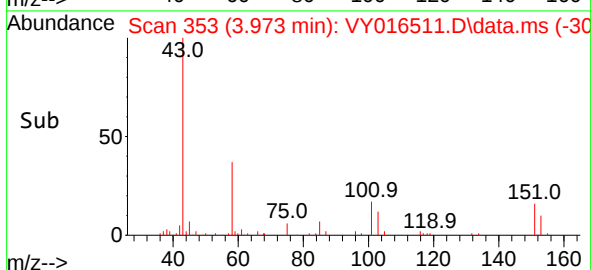
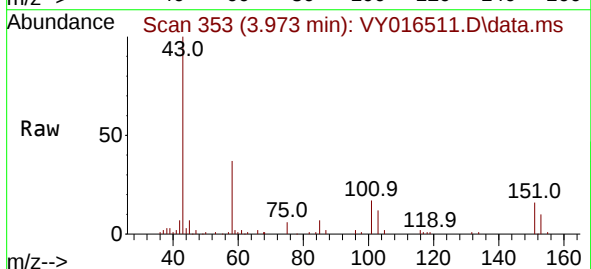
Manual Integrations
APPROVED

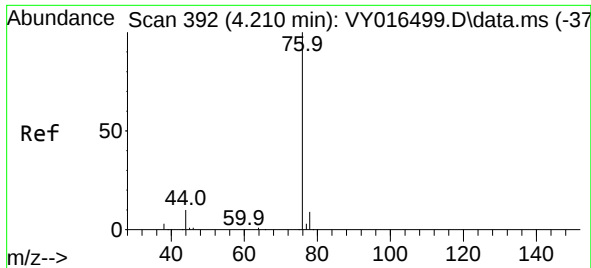
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#16
Acetone
Concen: 259.228 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY016511.D
Acq: 28 Nov 2023 10:43

Tgt Ion: 43 Resp: 57828
Ion Ratio Lower Upper
43 100
58 36.9 22.7 34.1#





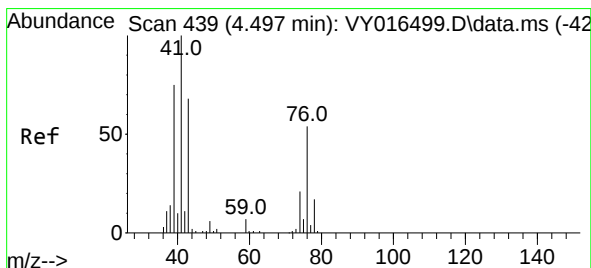
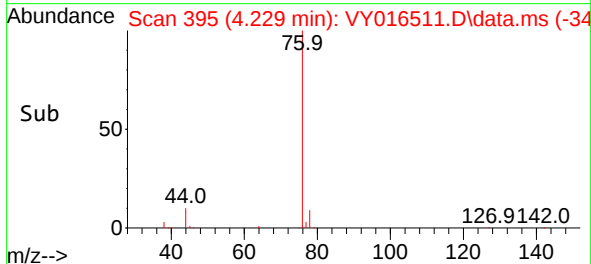
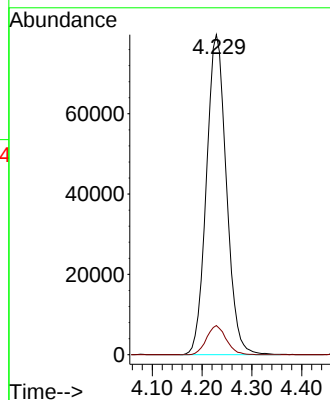
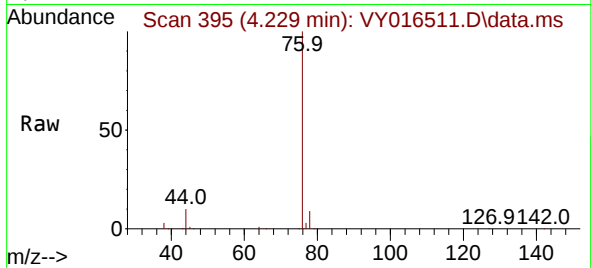
#17
Carbon Disulfide
Concen: 49.295 ug/l
RT: 4.229 min Scan# 392
Delta R.T. 0.018 min
Lab File: VY016511.D
Acq: 28 Nov 2023 10:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 22178
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.4

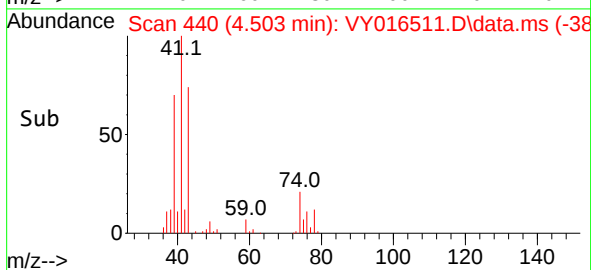
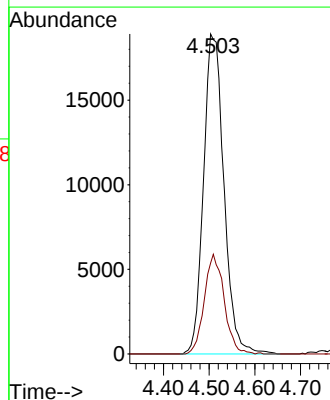
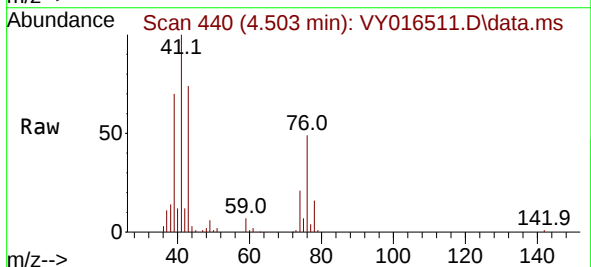
Manual Integrations
APPROVED

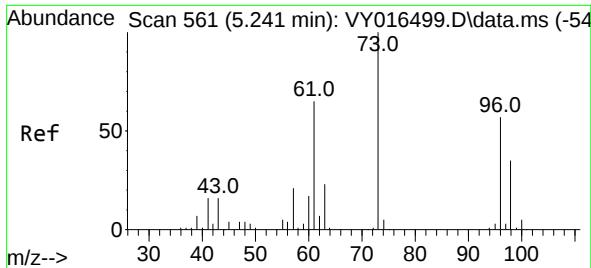
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#18
Methyl Acetate
Concen: 49.393 ug/l
RT: 4.503 min Scan# 440
Delta R.T. 0.012 min
Lab File: VY016511.D
Acq: 28 Nov 2023 10:43

Tgt Ion: 43 Resp: 58549
Ion Ratio Lower Upper
43 100
74 30.2 17.4 26.0#





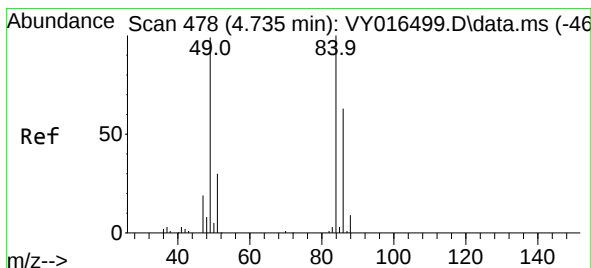
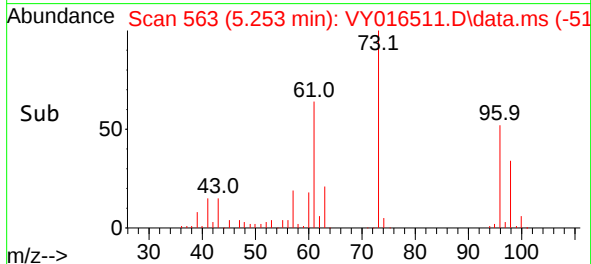
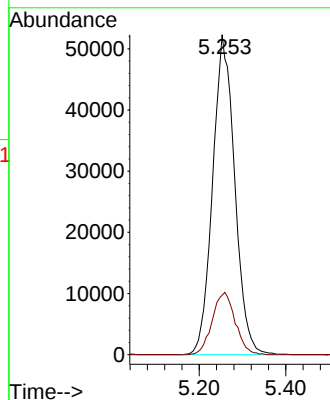
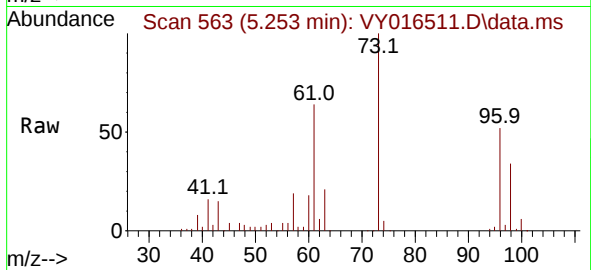
#19
Methyl tert-butyl Ether
Concen: 51.329 ug/l
RT: 5.253 min Scan# 501
Delta R.T. 0.018 min
Lab File: VY016511.D
Acq: 28 Nov 2023 10:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 18524
Ion Ratio Lower Upper
73 100
57 18.6 17.3 25.9

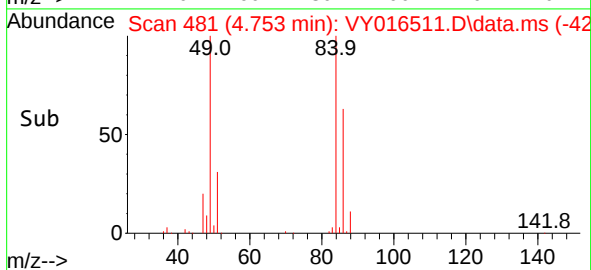
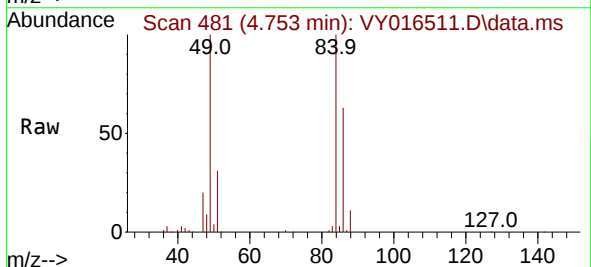
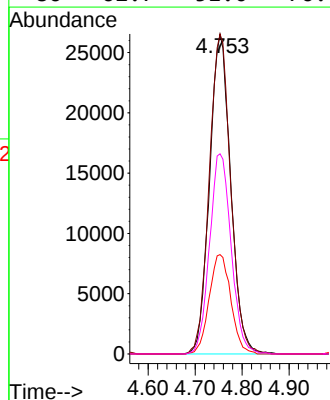
Manual Integrations
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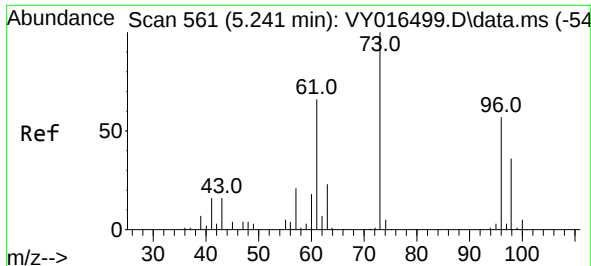
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#20
Methylene Chloride
Concen: 52.670 ug/l
RT: 4.753 min Scan# 481
Delta R.T. 0.024 min
Lab File: VY016511.D
Acq: 28 Nov 2023 10:43

Tgt Ion: 84 Resp: 82710
Ion Ratio Lower Upper
84 100
49 100.2 106.9 160.3#
51 31.1 33.2 49.8#
86 62.7 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 51.461 ug/l

RT: 5.259 min Scan# 50

Delta R.T. 0.024 min

Lab File: VY016511.D

Acq: 28 Nov 2023 10:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 8835

Ion Ratio Lower Upper

96 100

61 121.1 110.2 165.4

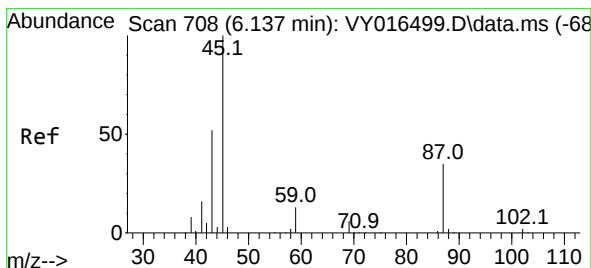
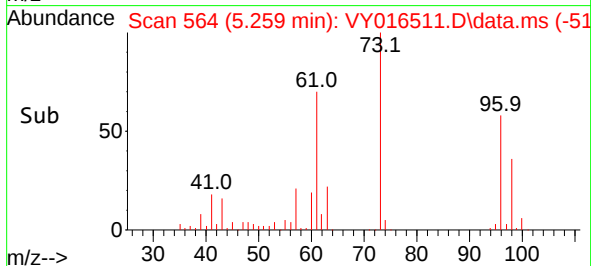
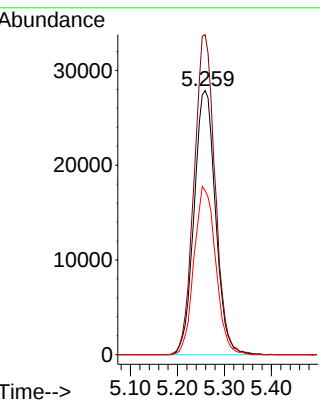
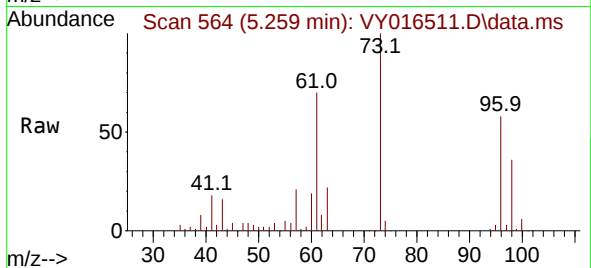
98 62.1 51.8 77.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2023

Supervised By :Mahesh Dadoda 11/29/2023



#22

Diisopropyl ether

Concen: 44.146 ug/l

RT: 6.155 min Scan# 711

Delta R.T. 0.018 min

Lab File: VY016511.D

Acq: 28 Nov 2023 10:43

Tgt Ion: 45 Resp: 201313

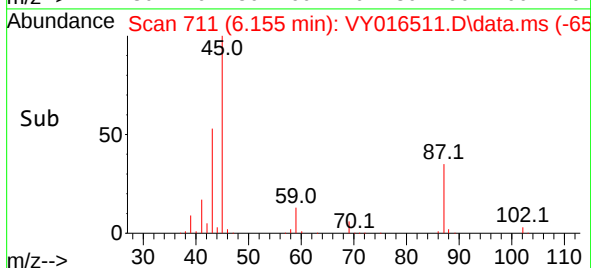
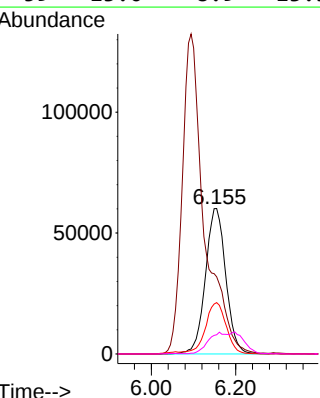
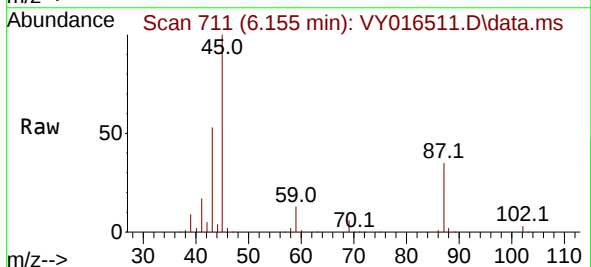
Ion Ratio Lower Upper

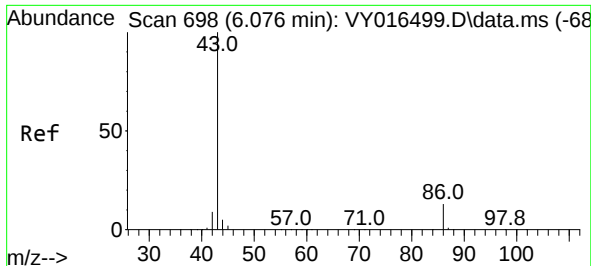
45 100

43 52.5 52.2 78.4

87 35.3 21.0 31.6#

59 13.0 8.9 13.3





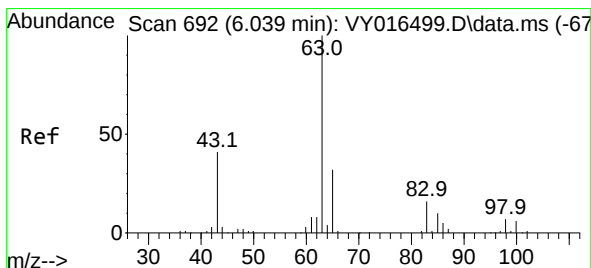
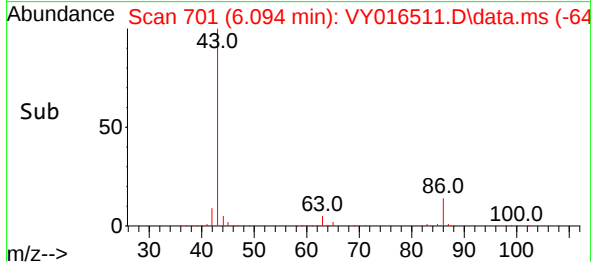
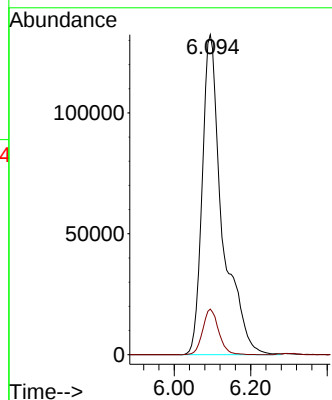
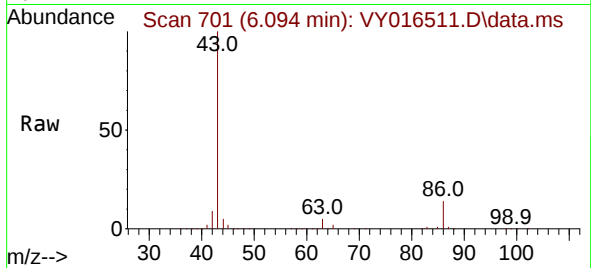
#23
 Vinyl Acetate
 Concen: 218.408 ug/l
 RT: 6.094 min Scan# 701
 Delta R.T. 0.018 min
 Lab File: VY016511.D
 Acq: 28 Nov 2023 10:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 482602
 Ion Ratio Lower Upper
 43 100
 86 14.3 7.5 11.3

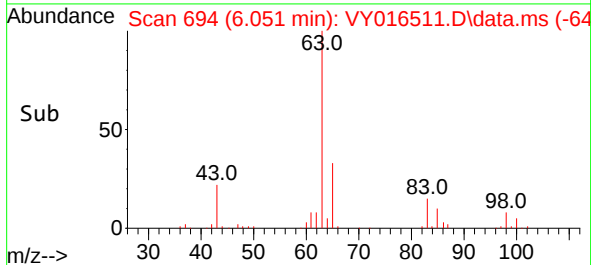
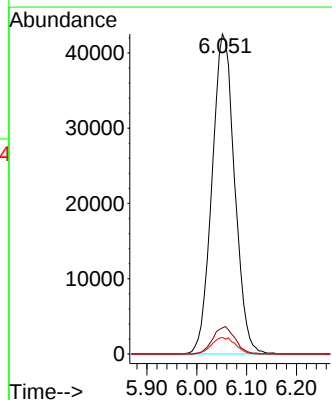
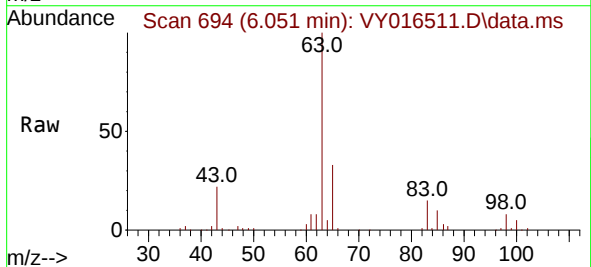
Manual Integrations
 APPROVED

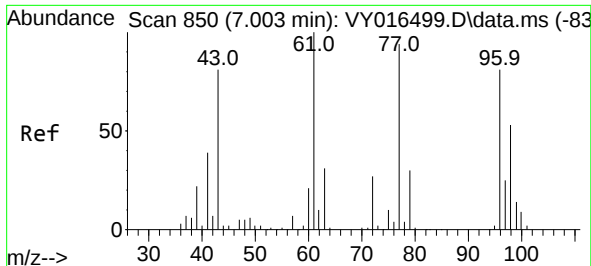
Reviewed By :John Carlone 11/29/2023
 Supervised By :Mahesh Dadoda 11/29/2023



#24
 1,1-Dichloroethane
 Concen: 47.620 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.012 min
 Lab File: VY016511.D
 Acq: 28 Nov 2023 10:43

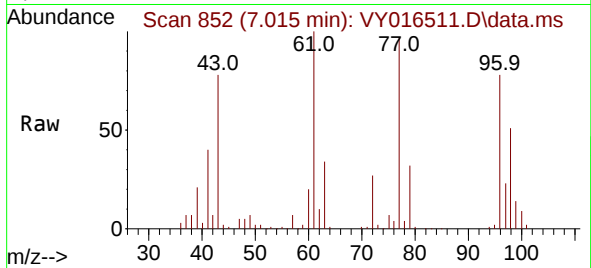
Tgt Ion: 63 Resp: 133968
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.1 9.4
 100 5.2 1.8 5.5





#25
2-Butanone
Concen: 230.230 ug/l
RT: 7.015 min Scan# 852
Delta R.T. 0.012 min
Lab File: VY016511.D
Acq: 28 Nov 2023 10:43

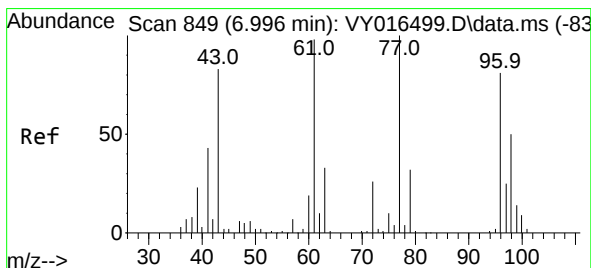
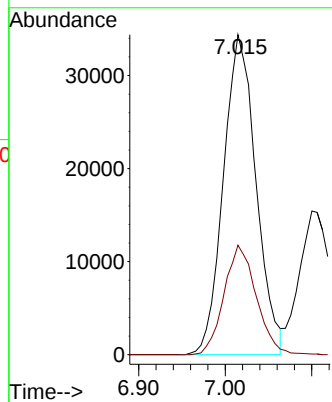
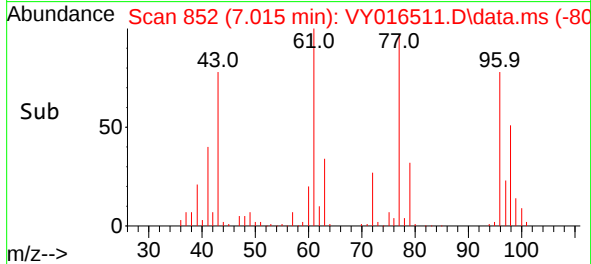
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 89958
Ion Ratio Lower Upper
43 100
72 34.2 20.5 30.7

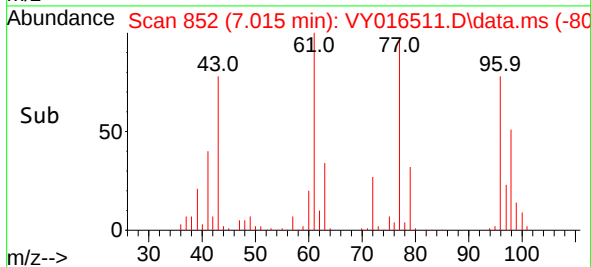
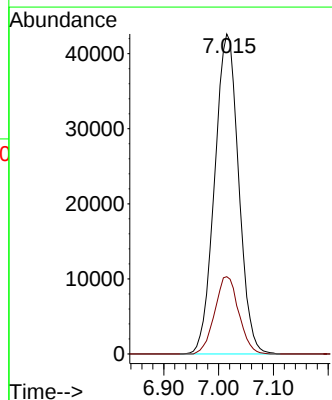
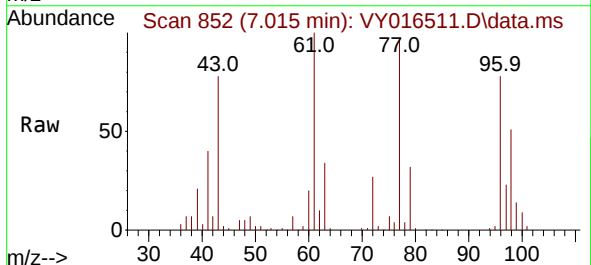
Manual Integrations
APPROVED

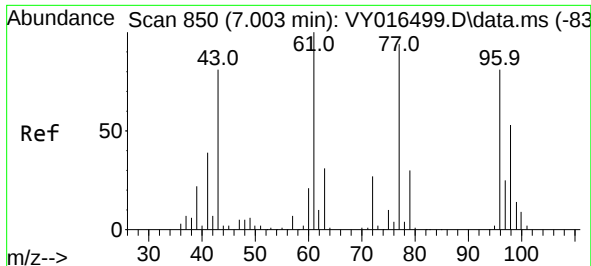
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#26
2,2-Dichloropropane
Concen: 50.680 ug/l
RT: 7.015 min Scan# 852
Delta R.T. 0.018 min
Lab File: VY016511.D
Acq: 28 Nov 2023 10:43

Tgt Ion: 77 Resp: 129765
Ion Ratio Lower Upper
77 100
97 24.1 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 51.558 ug/l

RT: 7.021 min Scan# 853

Delta R.T. 0.018 min

Lab File: VY016511.D

Acq: 28 Nov 2023 10:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 95394

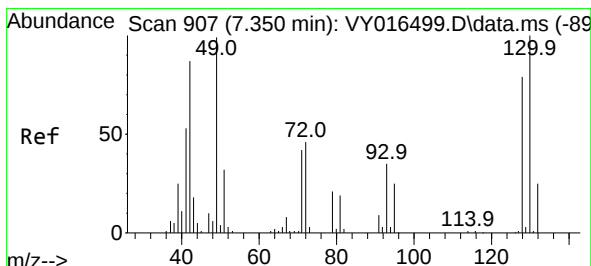
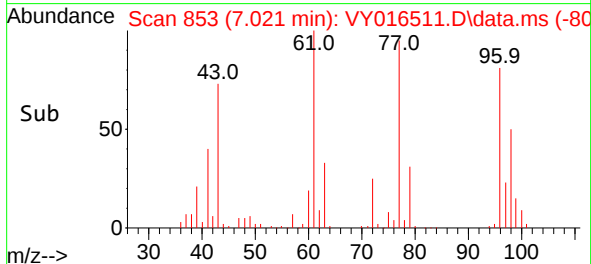
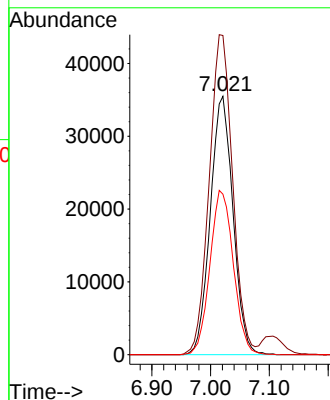
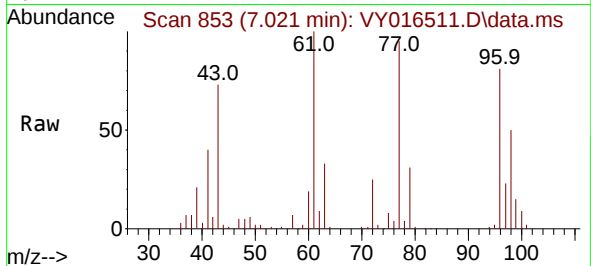
Ion	Ratio	Lower	Upper
96	100		
61	127.7	0.0	301.4
98	65.7	0.0	130.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2023

Supervised By :Mahesh Dadoda 11/29/2023



#28

Bromochloromethane

Concen: 45.552 ug/l

RT: 7.362 min Scan# 909

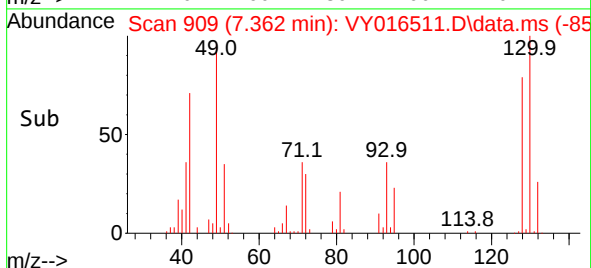
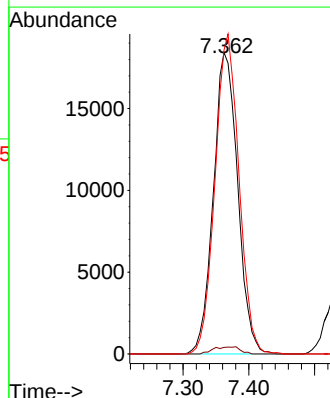
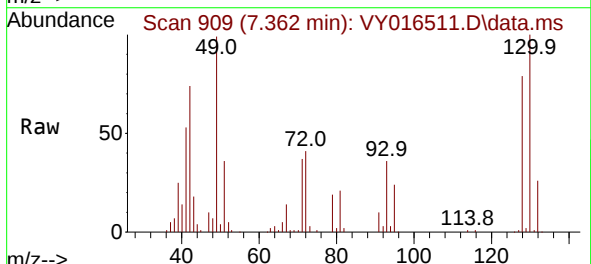
Delta R.T. 0.012 min

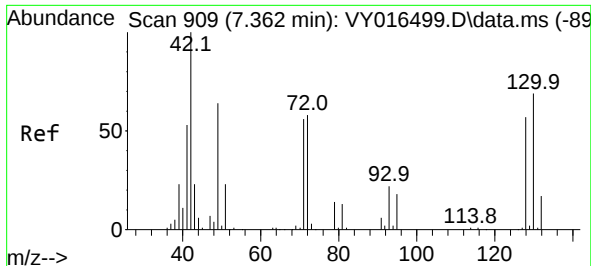
Lab File: VY016511.D

Acq: 28 Nov 2023 10:43

Tgt Ion: 49 Resp: 47429

Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.6
130	104.5	60.7	91.1#





#29

Tetrahydrofuran

Concen: 226.039 ug/l

RT: 7.374 min Scan# 911

Delta R.T. 0.012 min

Lab File: VY016511.D

Acq: 28 Nov 2023 10:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 5837

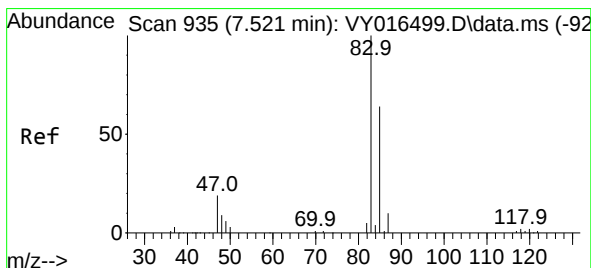
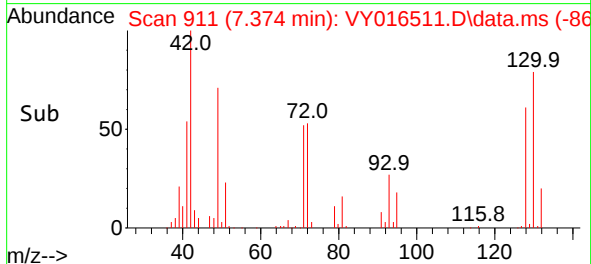
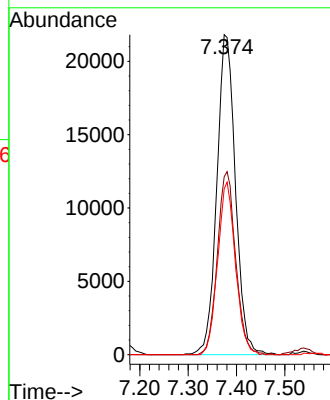
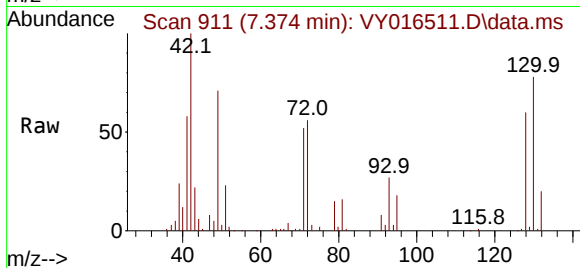
Ion	Ratio	Lower	Upper
42	100		
72	56.2	32.8	49.2
71	51.4	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2023

Supervised By :Mahesh Dadoda 11/29/2023



#30

Chloroform

Concen: 51.907 ug/l

RT: 7.533 min Scan# 937

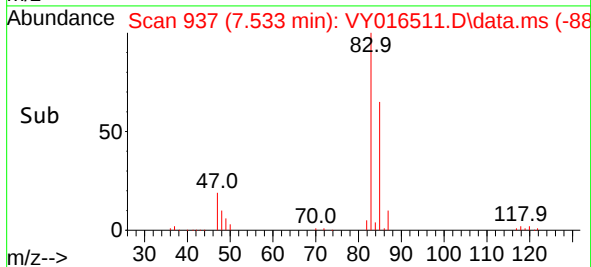
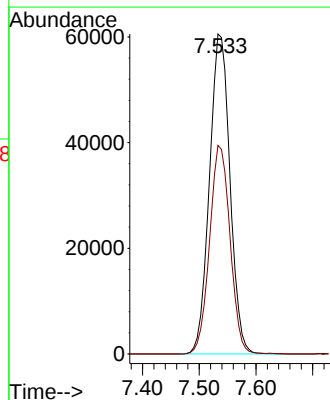
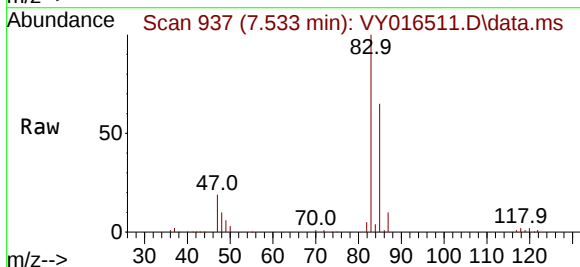
Delta R.T. 0.012 min

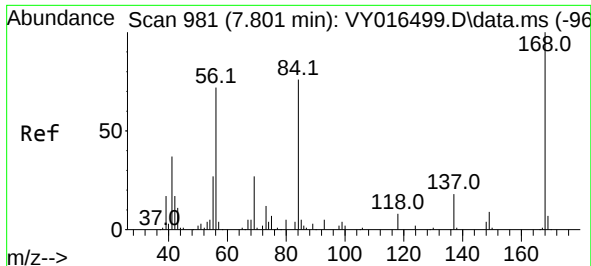
Lab File: VY016511.D

Acq: 28 Nov 2023 10:43

Tgt Ion: 83 Resp: 152001

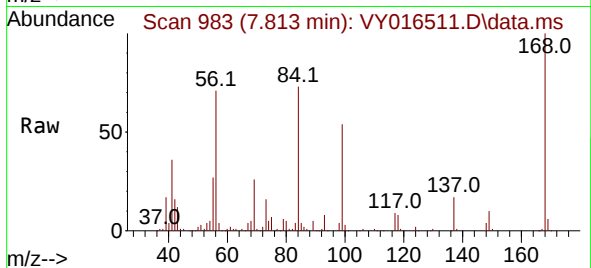
Ion	Ratio	Lower	Upper
83	100		
85	65.2	49.7	74.5





#31
Cyclohexane
Concen: 42.933 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016511.D
Acq: 28 Nov 2023 10:43

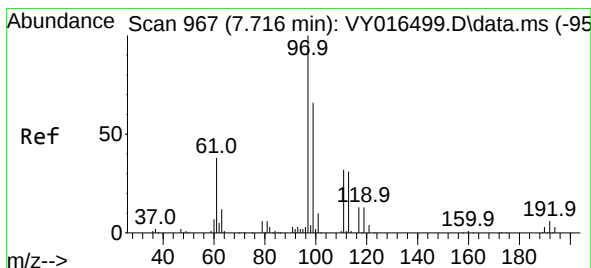
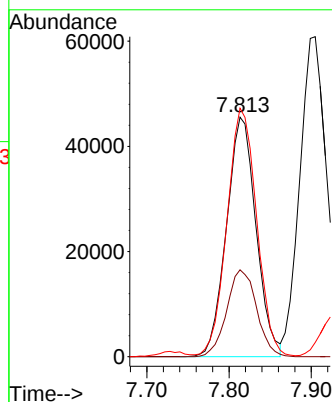
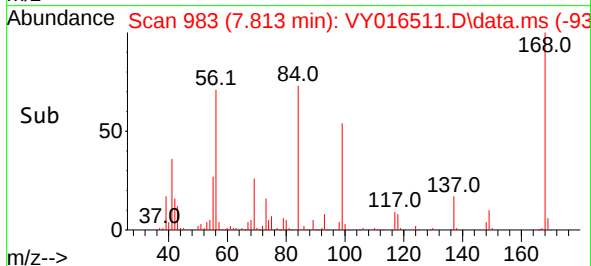
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 113994
Ion Ratio Lower Upper
56 100
69 36.3 27.8 41.6
84 101.8 66.4 99.6

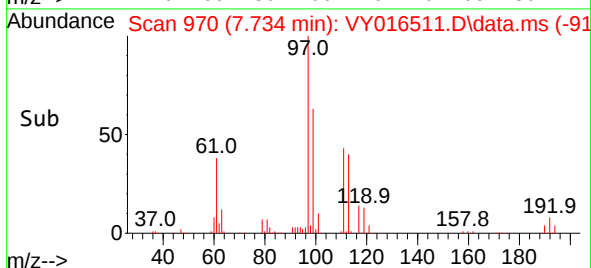
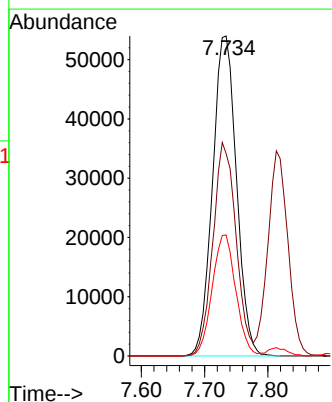
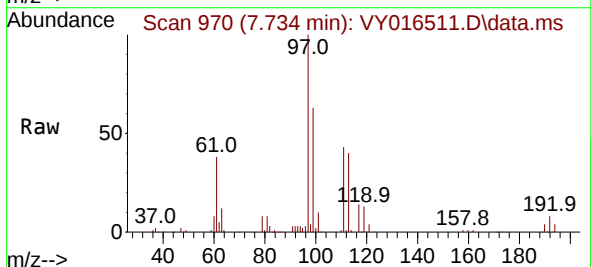
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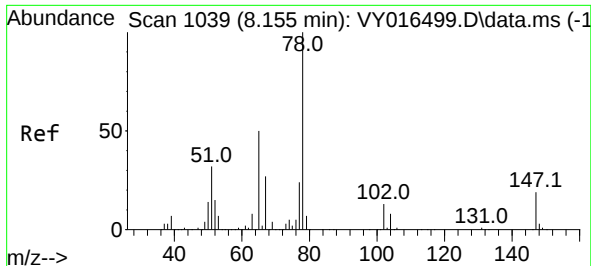
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#32
1,1,1-Trichloroethane
Concen: 52.790 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.018 min
Lab File: VY016511.D
Acq: 28 Nov 2023 10:43

Tgt Ion: 97 Resp: 141703
Ion Ratio Lower Upper
97 100
99 64.6 50.8 76.2
61 37.3 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 46.466 ug/l

RT: 8.167 min Scan# 1103

Delta R.T. 0.012 min

Lab File: VY016511.D

Acq: 28 Nov 2023 10:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 62664

Ion Ratio Lower Upper

65 100

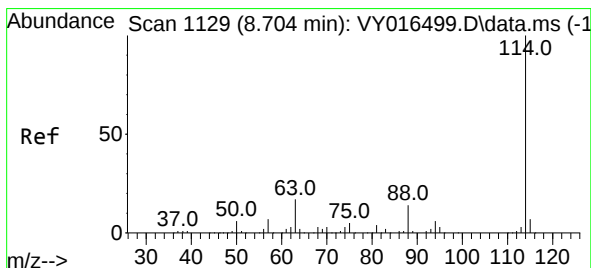
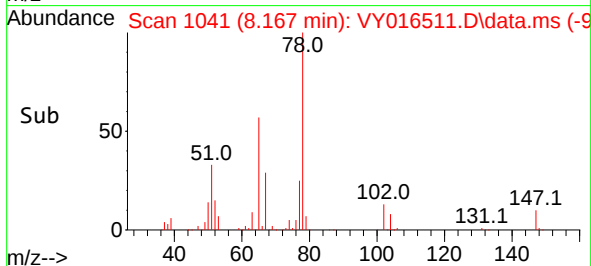
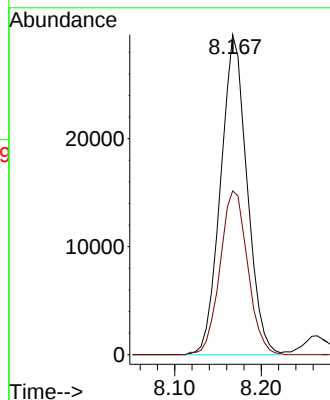
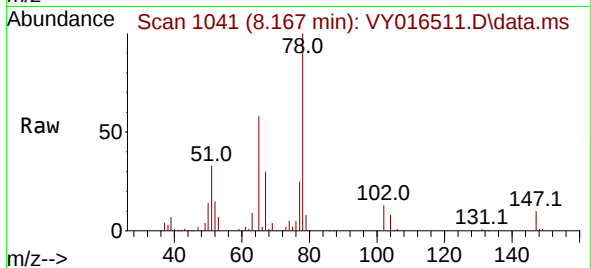
67 53.6 0.0 101.8

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APPROVED

Reviewed By :John Carlone 11/29/2023

Supervised By :Mahesh Dadoda 11/29/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.716 min Scan# 1131

Delta R.T. 0.012 min

Lab File: VY016511.D

Acq: 28 Nov 2023 10:43

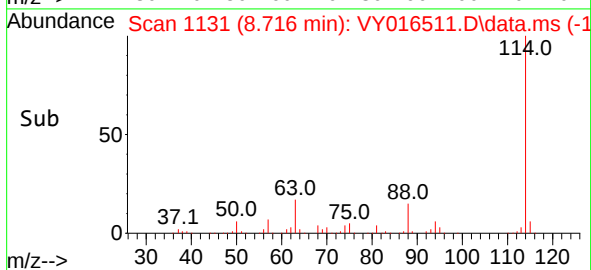
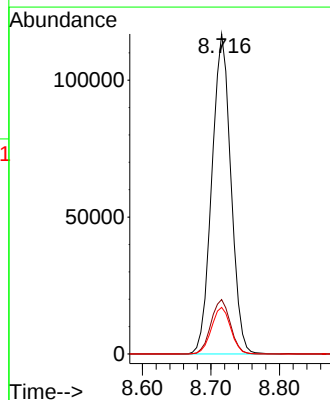
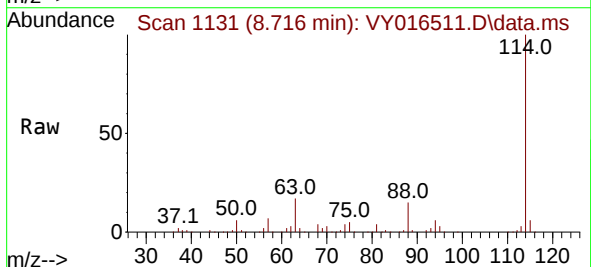
Tgt Ion:114 Resp: 225788

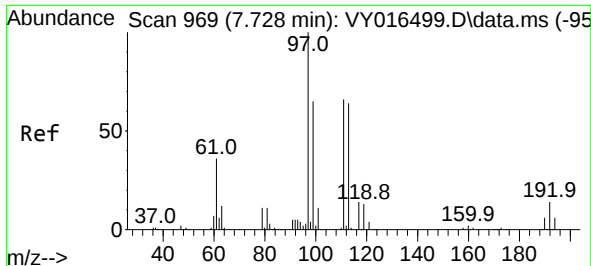
Ion Ratio Lower Upper

114 100

63 17.0 0.0 42.4

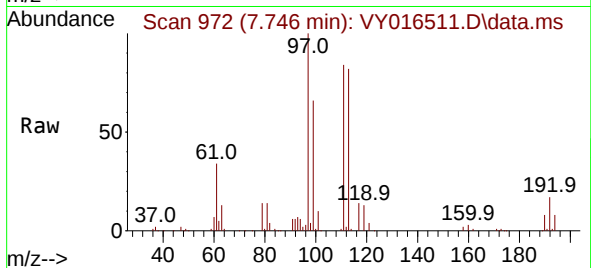
88 14.5 0.0 30.6





#35
Dibromofluoromethane
Concen: 56.599 ug/l
RT: 7.746 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016511.D
Acq: 28 Nov 2023 10:43

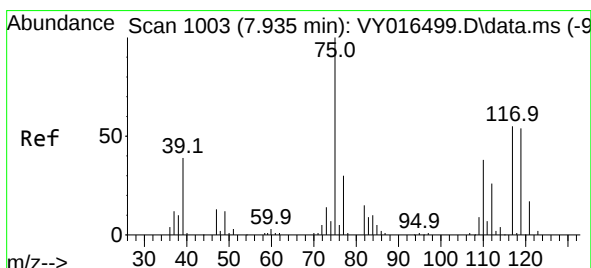
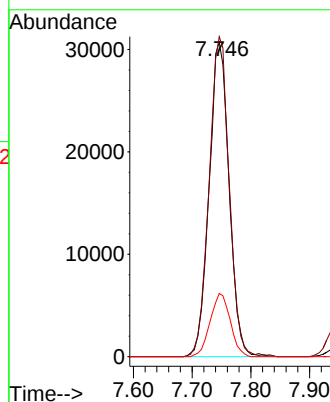
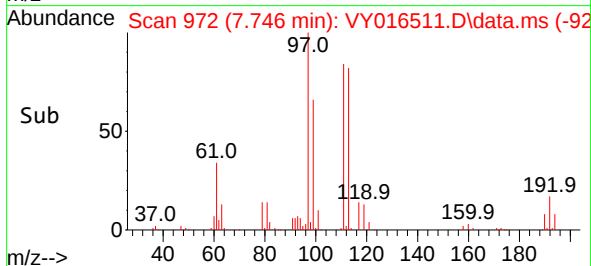
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



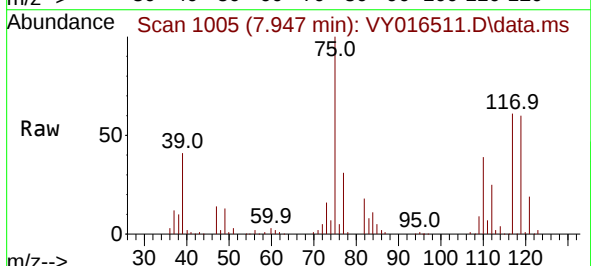
Tgt Ion:113 Resp: 7259
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 20.2 16.9 25.3

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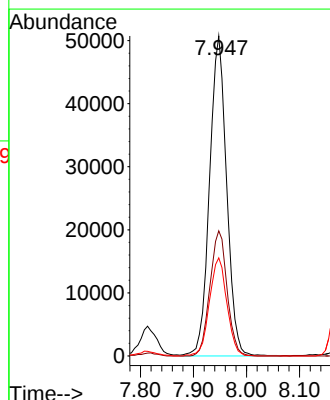
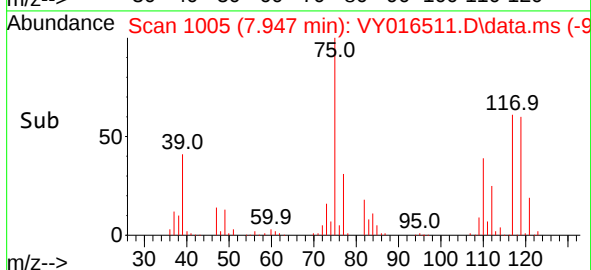
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023

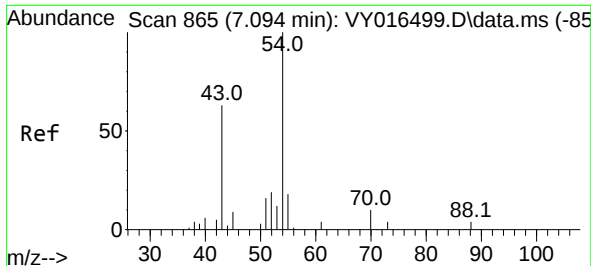


#36
1,1-Dichloropropene
Concen: 50.993 ug/l
RT: 7.947 min Scan# 1005
Delta R.T. 0.018 min
Lab File: VY016511.D
Acq: 28 Nov 2023 10:43



Tgt Ion: 75 Resp: 113568
Ion Ratio Lower Upper
75 100
110 39.2 17.8 53.5
77 31.3 24.4 36.6





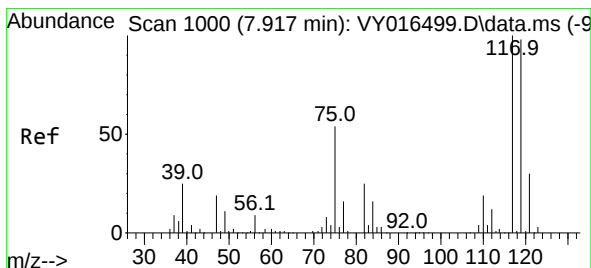
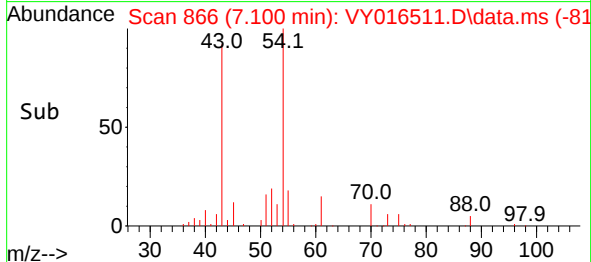
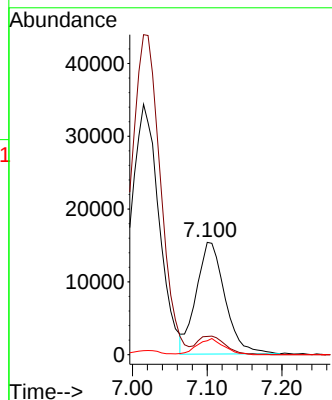
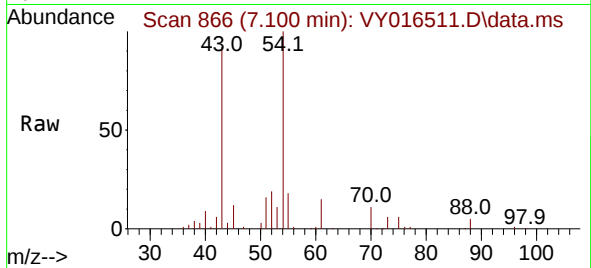
#37
Ethyl Acetate
Concen: 45.584 ug/l
RT: 7.100 min Scan# 80
Delta R.T. 0.012 min
Lab File: VY016511.D
Acq: 28 Nov 2023 10:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 41020
Ion Ratio Lower Upper
43 100
61 16.6 10.1 15.1
70 13.4 7.1 10.7

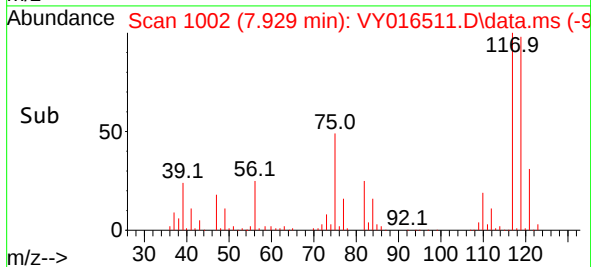
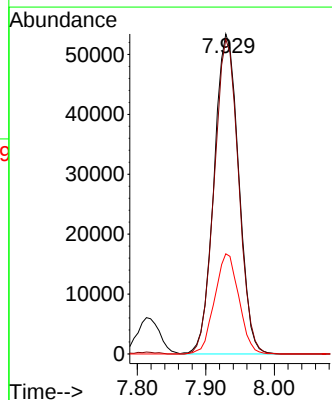
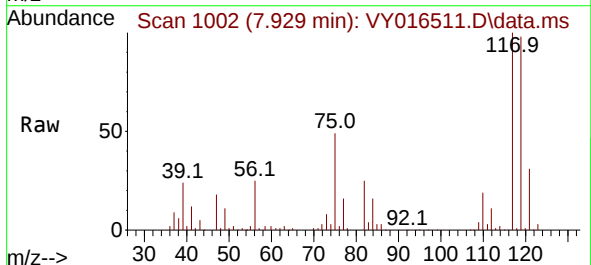
Manual Integrations
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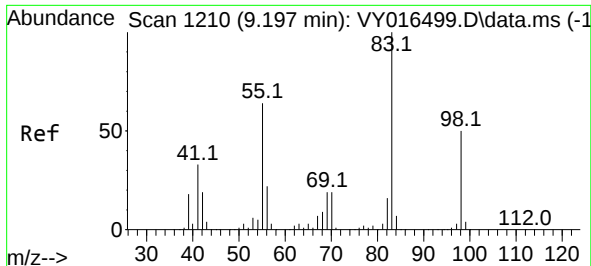
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#38
Carbon Tetrachloride
Concen: 57.684 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.012 min
Lab File: VY016511.D
Acq: 28 Nov 2023 10:43

Tgt Ion:117 Resp: 133335
Ion Ratio Lower Upper
117 100
119 98.3 76.4 114.6
121 31.3 25.8 38.6





#39

Methylcyclohexane

Concen: 51.730 ug/l

RT: 9.209 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY016511.D

Acq: 28 Nov 2023 10:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 14355

Ion Ratio Lower Upper

83 100

55 62.6 63.0 94.4

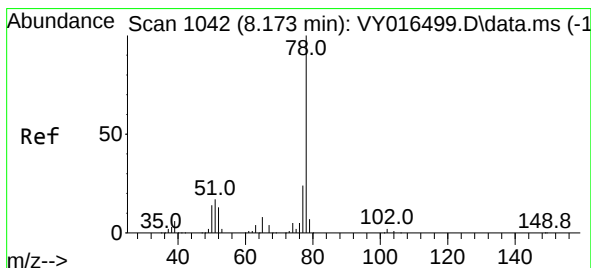
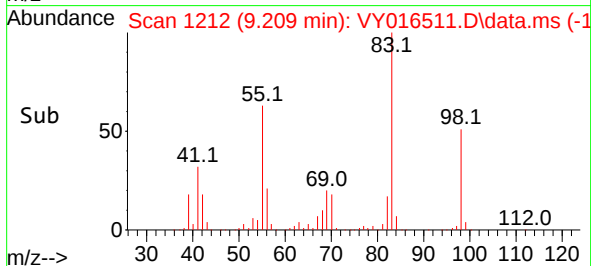
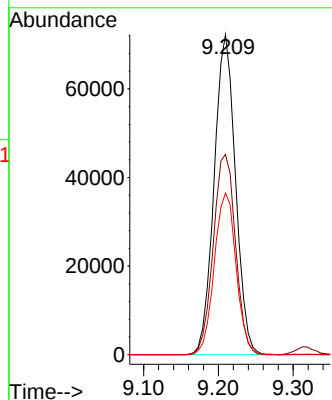
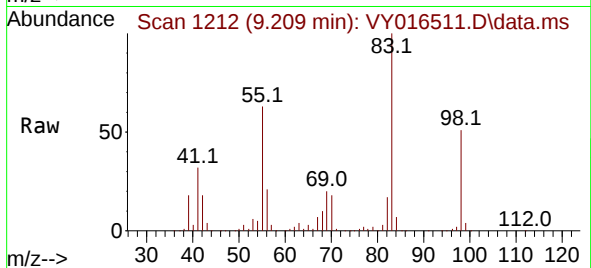
98 50.5 37.4 56.2

Manual Integrations

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Reviewed By :John Carlone 11/29/2023

Supervised By :Mahesh Dadoda 11/29/2023



#40

Benzene

Concen: 52.879 ug/l

RT: 8.185 min Scan# 1044

Delta R.T. 0.012 min

Lab File: VY016511.D

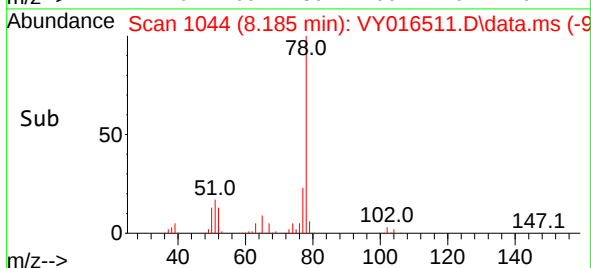
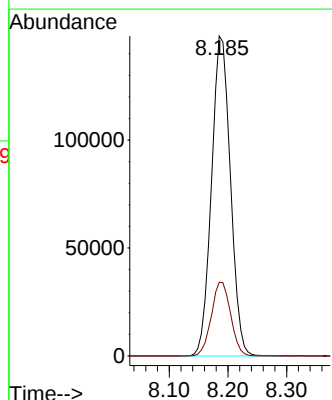
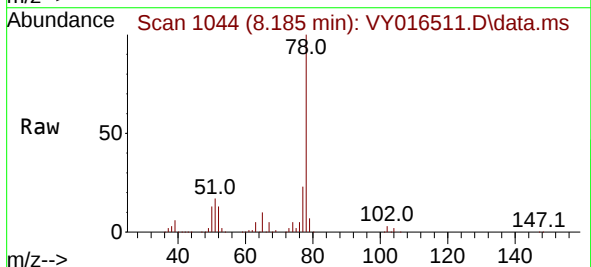
Acq: 28 Nov 2023 10:43

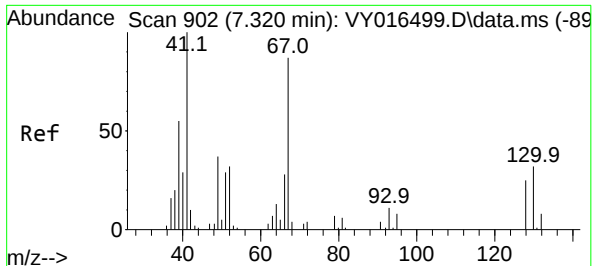
Tgt Ion: 78 Resp: 330880

Ion Ratio Lower Upper

78 100

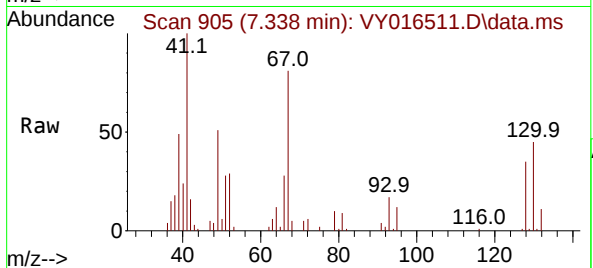
77 23.1 19.0 28.6





#41
Methacrylonitrile
Concen: 48.731 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.012 min
Lab File: VY016511.D
Acq: 28 Nov 2023 10:43

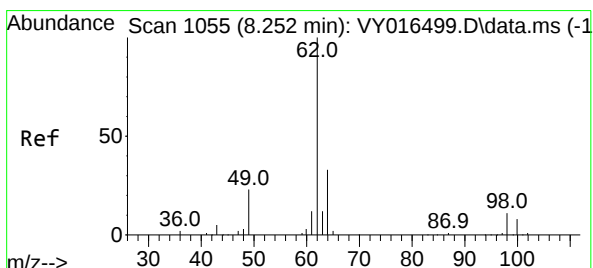
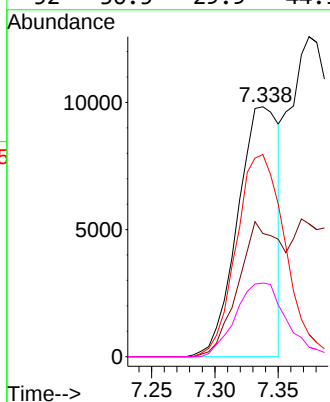
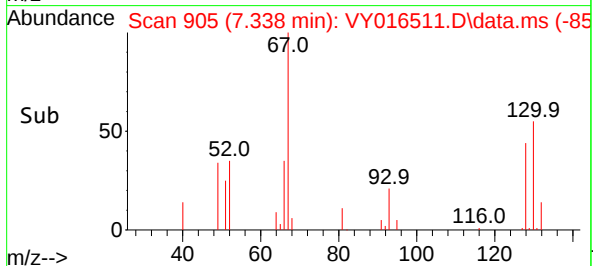
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 2211
Ion Ratio Lower Upper
41 100
39 57.7 52.1 78.1
67 96.7 66.2 99.2
52 36.5 29.9 44.9

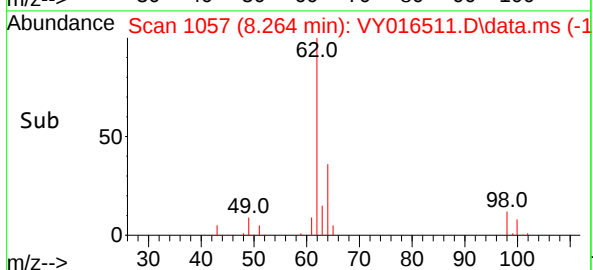
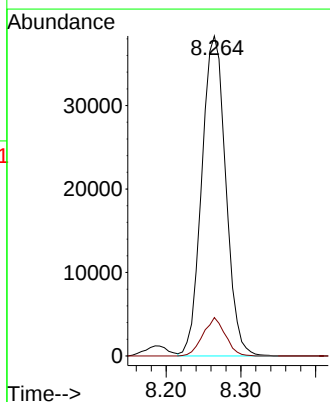
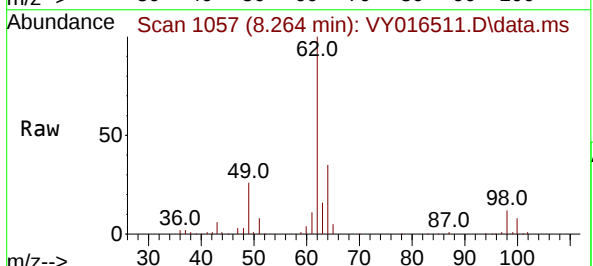
Manual Integrations
APPROVED

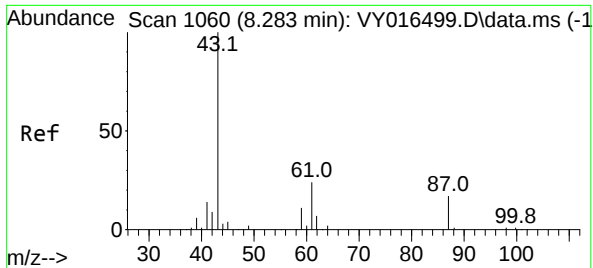
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#42
1,2-Dichloroethane
Concen: 52.656 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. 0.018 min
Lab File: VY016511.D
Acq: 28 Nov 2023 10:43

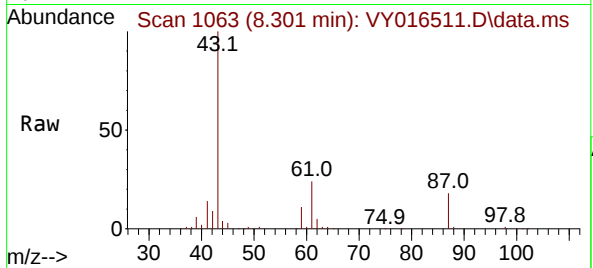
Tgt Ion: 62 Resp: 85370
Ion Ratio Lower Upper
62 100
98 11.1 0.0 15.8





#43
Isopropyl Acetate
Concen: 46.050 ug/l
RT: 8.301 min Scan# 1063
Delta R.T. 0.018 min
Lab File: VY016511.D
Acq: 28 Nov 2023 10:43

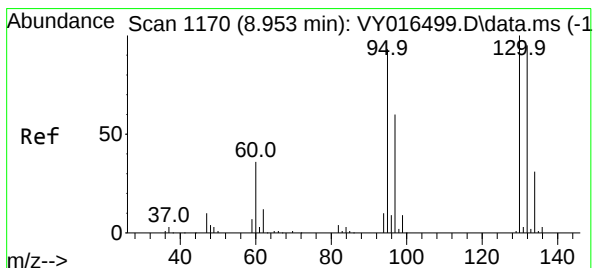
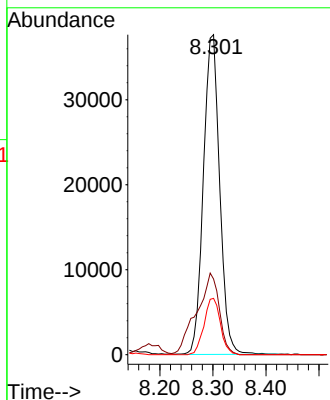
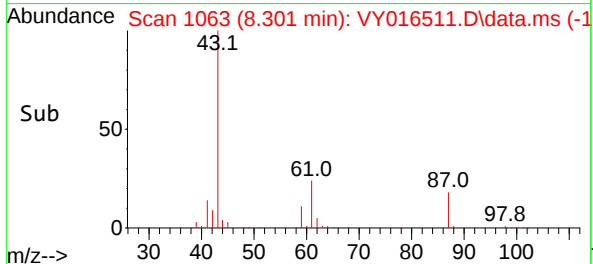
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 8010
Ion Ratio Lower Upper
43 100
61 35.3 21.1 31.7
87 17.7 9.8 14.8

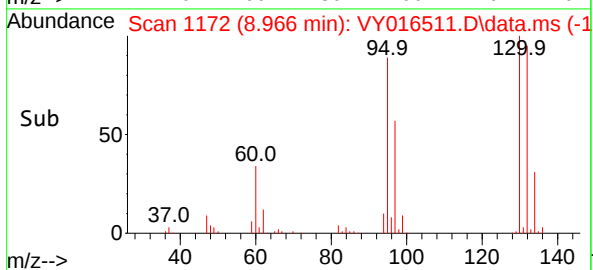
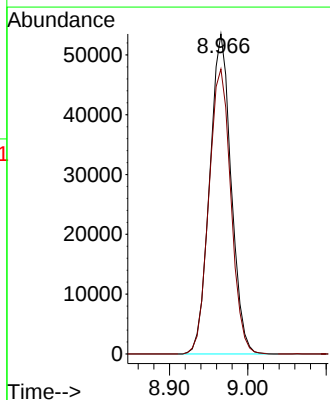
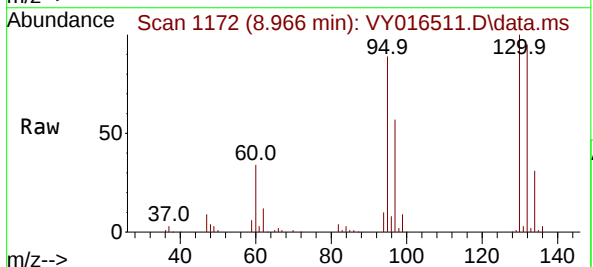
Manual Integrations
APPROVED

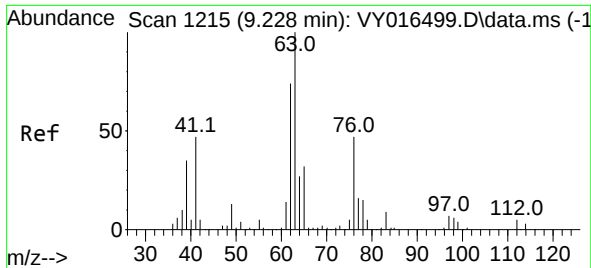
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#44
Trichloroethene
Concen: 56.638 ug/l
RT: 8.966 min Scan# 1172
Delta R.T. 0.012 min
Lab File: VY016511.D
Acq: 28 Nov 2023 10:43

Tgt Ion:130 Resp: 101853
Ion Ratio Lower Upper
130 100
95 89.1 0.0 196.0





#45
1,2-Dichloropropane
Concen: 51.032 ug/l
RT: 9.240 min Scan# 1217
Delta R.T. 0.012 min
Lab File: VY016511.D
Acq: 28 Nov 2023 10:43

Instrument :

MSVOA_Y

ClientSampleId :

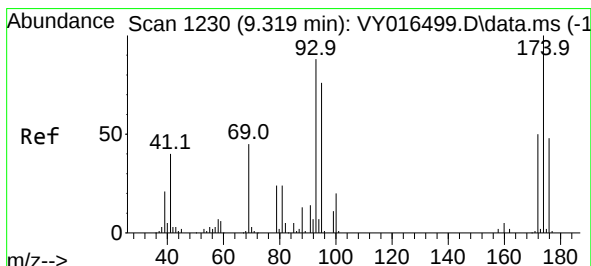
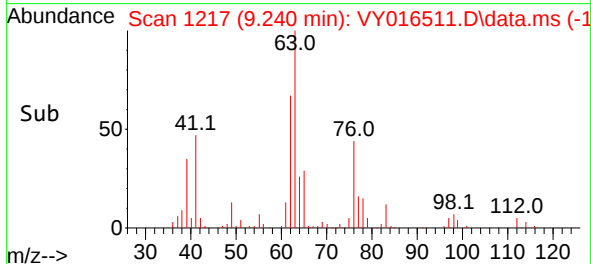
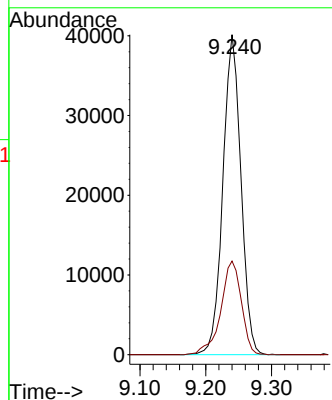
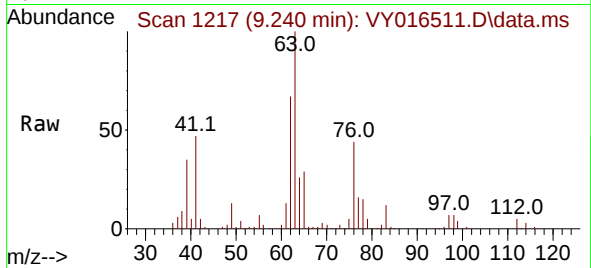
VSTDCCC050

Tgt Ion: 63 Resp: 7668
Ion Ratio Lower Upper
63 100
65 29.3 23.8 35.6

Manual Integrations

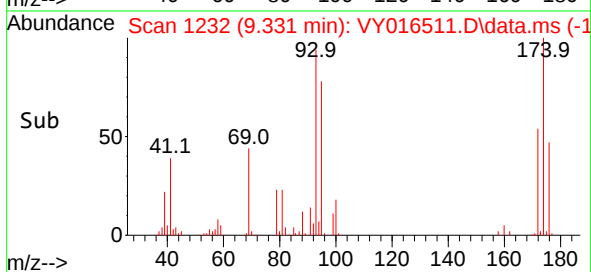
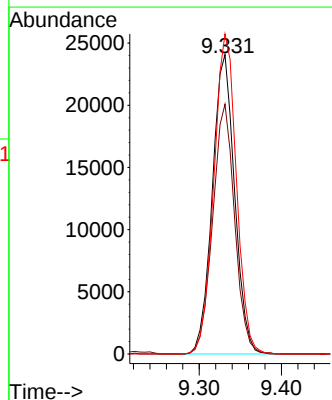
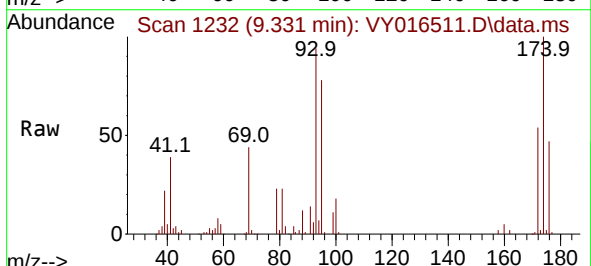
APPROVED

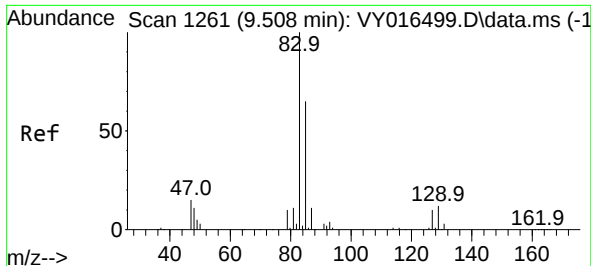
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#46
Dibromomethane
Concen: 55.567 ug/l
RT: 9.331 min Scan# 1232
Delta R.T. 0.012 min
Lab File: VY016511.D
Acq: 28 Nov 2023 10:43

Tgt Ion: 93 Resp: 45250
Ion Ratio Lower Upper
93 100
95 82.3 66.6 100.0
174 108.2 84.8 127.2





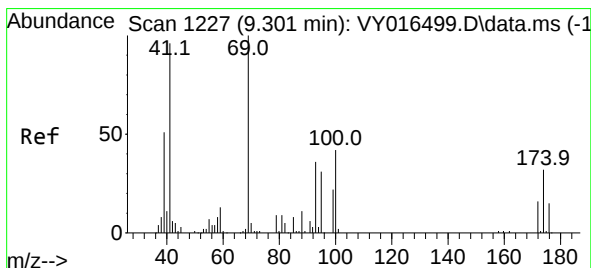
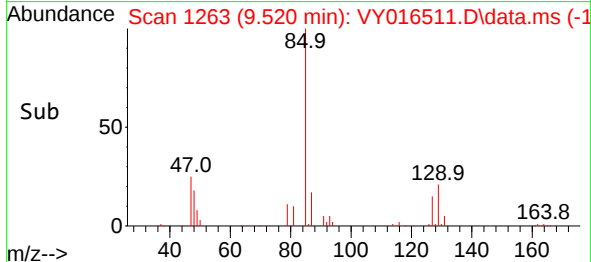
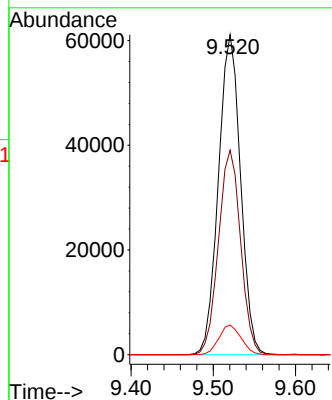
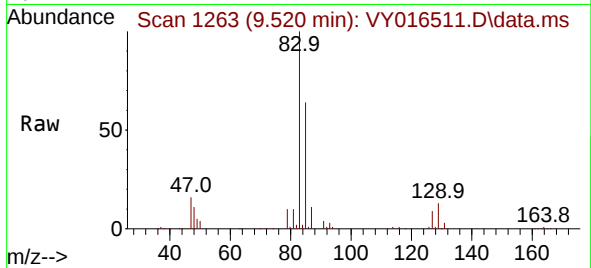
#47
Bromodichloromethane
Concen: 54.627 ug/l
RT: 9.520 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016511.D
Acq: 28 Nov 2023 10:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 114360
Ion Ratio Lower Upper
83 100
85 63.9 50.1 75.1
127 9.3 7.1 10.7

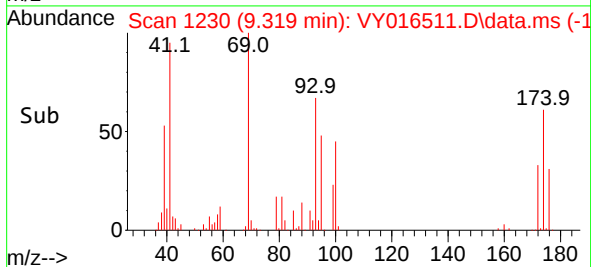
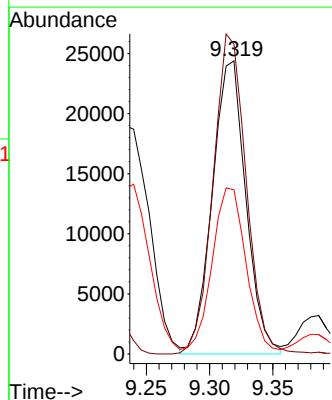
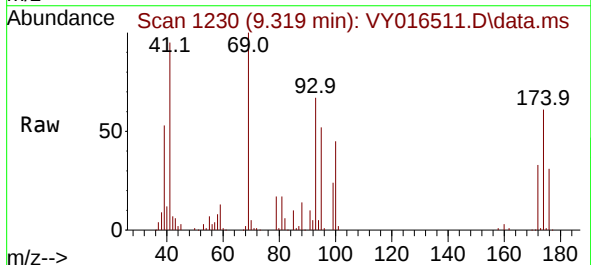
Manual Integrations
APPROVED

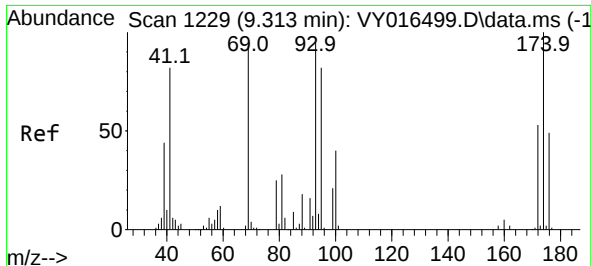
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#48
Methyl methacrylate
Concen: 46.889 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. 0.018 min
Lab File: VY016511.D
Acq: 28 Nov 2023 10:43

Tgt Ion: 41 Resp: 45076
Ion Ratio Lower Upper
41 100
69 107.7 64.5 96.7#
39 55.0 50.8 76.2





#49

1,4-Dioxane

Concen: 1036.392 ug/l

RT: 9.319 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY016511.D

Acq: 28 Nov 2023 10:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 8960

Ion Ratio Lower Upper

88 100

43 30.7 0.0 0.0

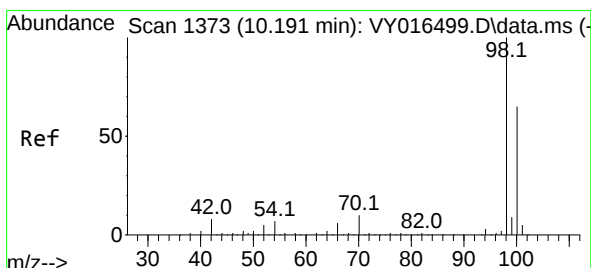
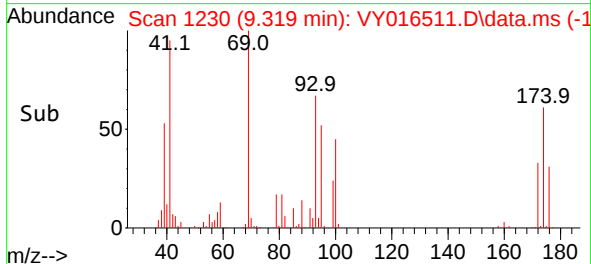
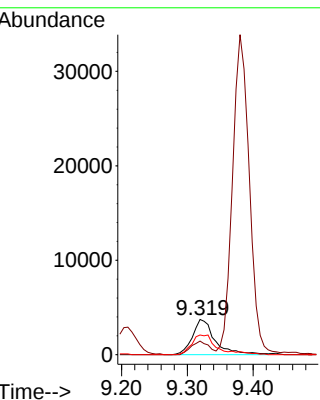
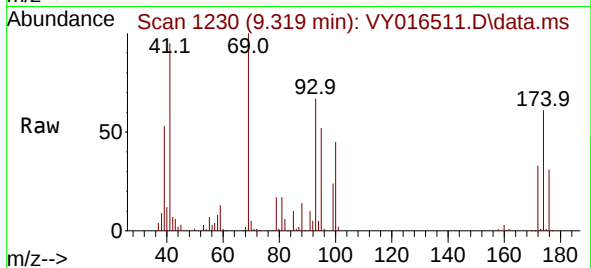
58 62.3 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2023

Supervised By :Mahesh Dadoda 11/29/2023



#50

Toluene-d8

Concen: 50.384 ug/l

RT: 10.203 min Scan# 1375

Delta R.T. 0.012 min

Lab File: VY016511.D

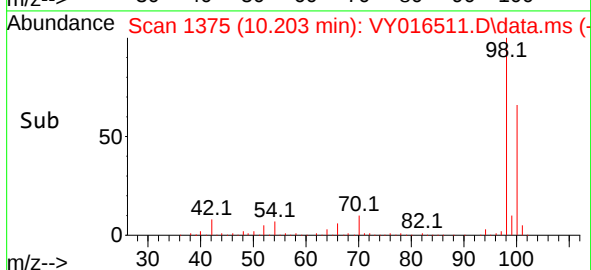
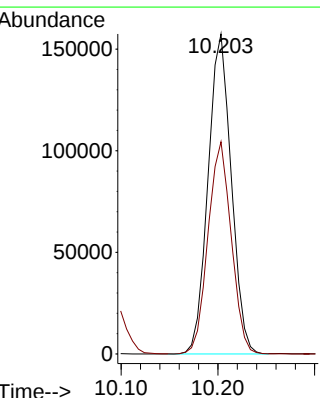
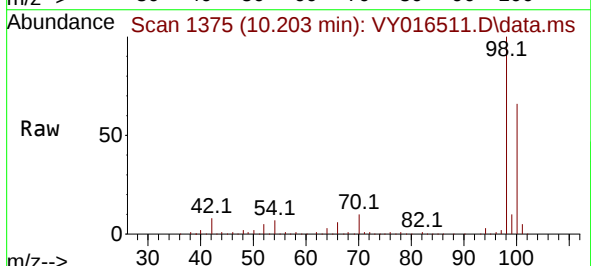
Acq: 28 Nov 2023 10:43

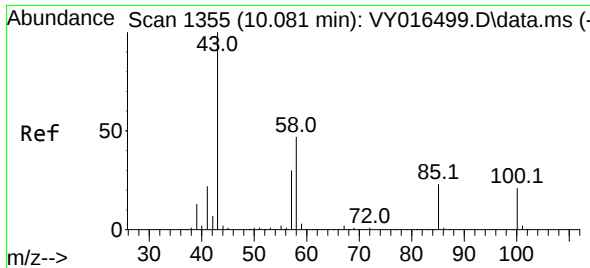
Tgt Ion: 98 Resp: 262060

Ion Ratio Lower Upper

98 100

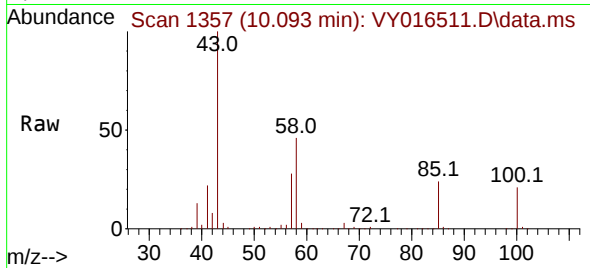
100 66.4 50.1 75.1





#51
4-Methyl-2-Pentanone
Concen: 238.870 ug/l
RT: 10.093 min Scan# 1357
Delta R.T. 0.012 min
Lab File: VY016511.D
Acq: 28 Nov 2023 10:43

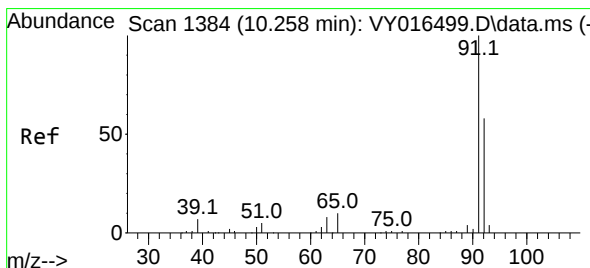
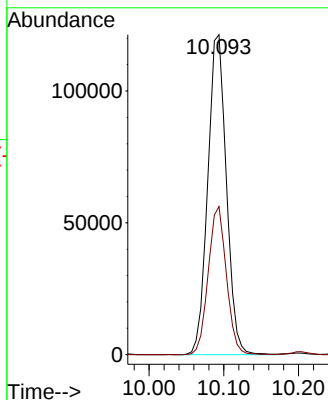
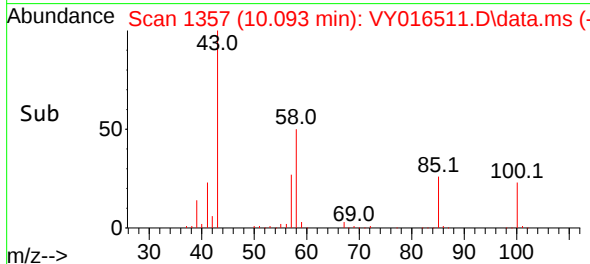
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



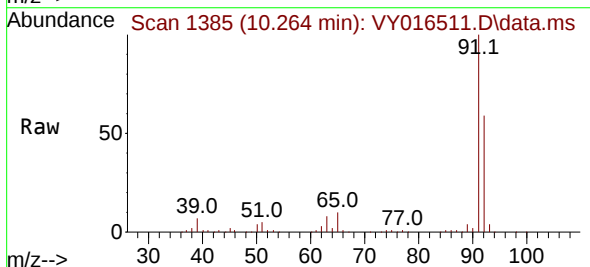
Tgt Ion: 43 Resp: 210110
Ion Ratio Lower Upper
43 100
58 45.2 29.0 43.6

Manual Integrations
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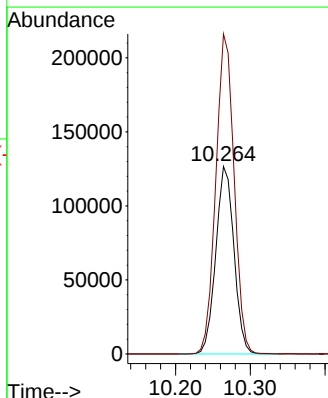
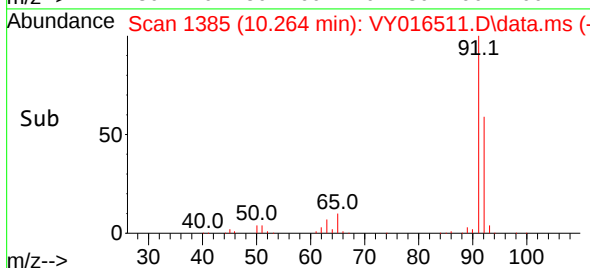
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023

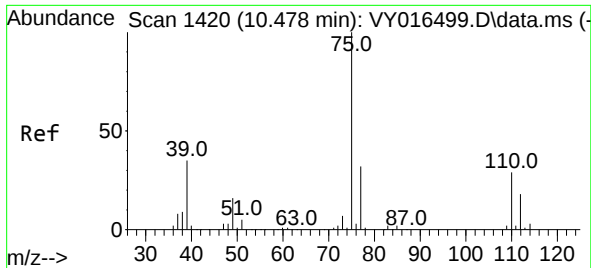


#52
Toluene
Concen: 54.099 ug/l
RT: 10.264 min Scan# 1385
Delta R.T. 0.012 min
Lab File: VY016511.D
Acq: 28 Nov 2023 10:43



Tgt Ion: 92 Resp: 213982
Ion Ratio Lower Upper
92 100
91 172.0 143.8 215.6





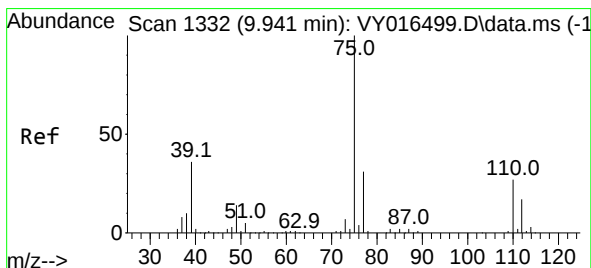
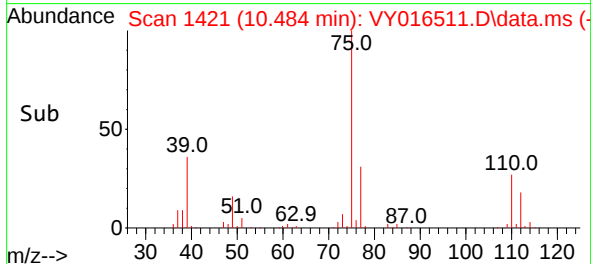
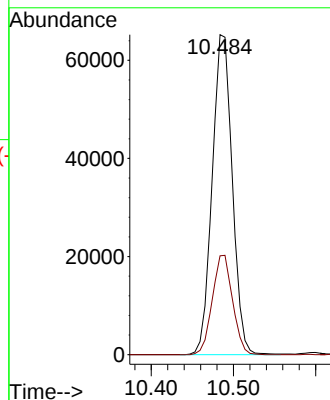
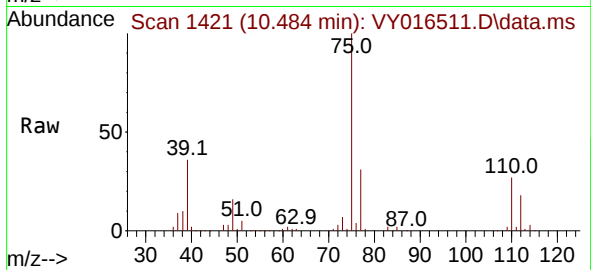
#53
 t-1,3-Dichloropropene
 Concen: 54.558 ug/l
 RT: 10.484 min Scan# 1420
 Delta R.T. 0.006 min
 Lab File: VY016511.D
 Acq: 28 Nov 2023 10:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 75 Resp: 110729
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.0 37.4

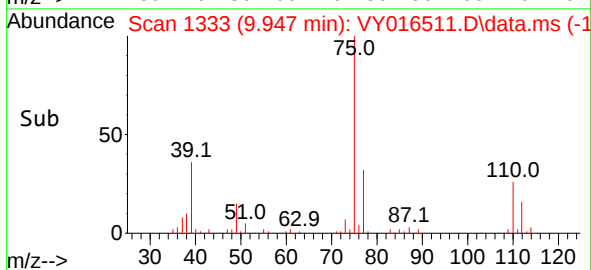
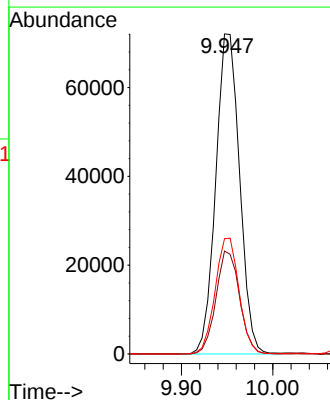
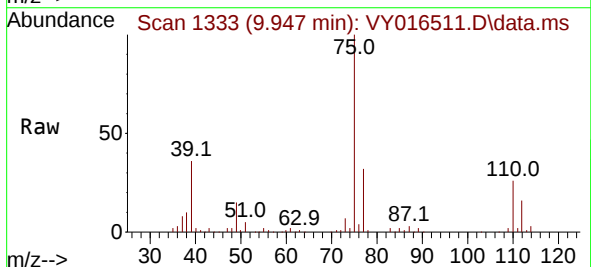
Manual Integrations
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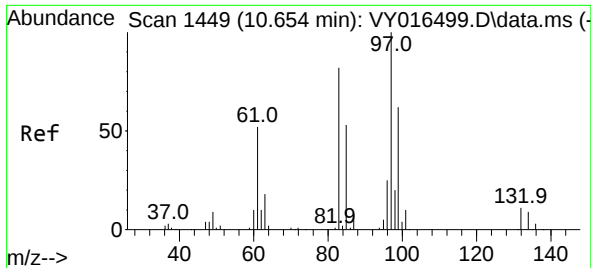
Reviewed By :John Carlone 11/29/2023
 Supervised By :Mahesh Dadoda 11/29/2023



#54
 cis-1,3-Dichloropropene
 Concen: 53.874 ug/l
 RT: 9.947 min Scan# 1333
 Delta R.T. 0.006 min
 Lab File: VY016511.D
 Acq: 28 Nov 2023 10:43

Tgt Ion: 75 Resp: 130594
 Ion Ratio Lower Upper
 75 100
 77 32.2 24.2 36.4
 39 36.0 42.2 63.4#





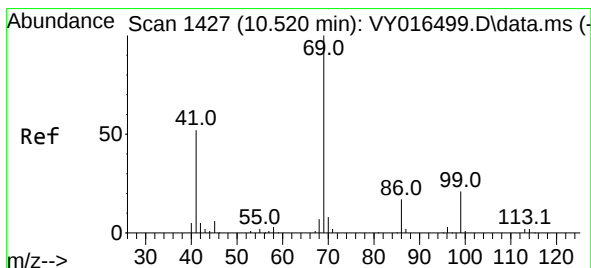
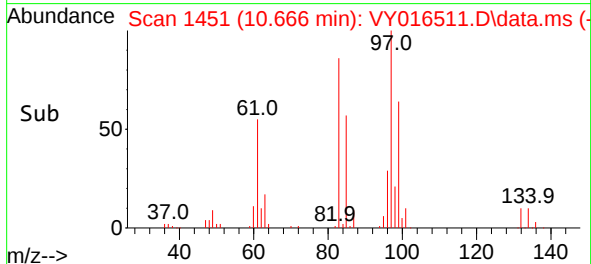
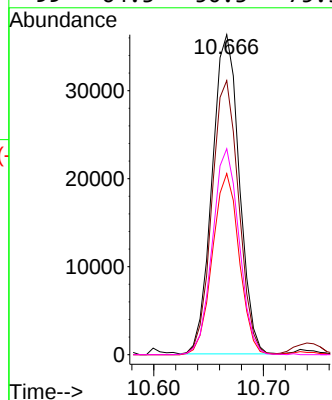
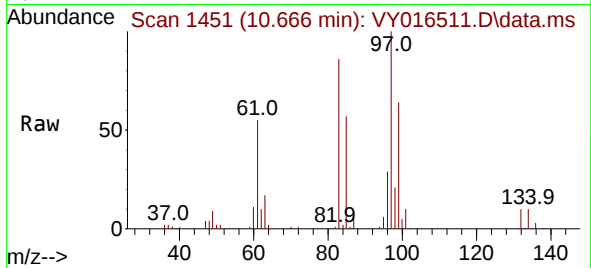
#55
1,1,2-Trichloroethane
Concen: 55.645 ug/l
RT: 10.666 min Scan# 1449
Delta R.T. 0.012 min
Lab File: VY016511.D
Acq: 28 Nov 2023 10:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 62450
Ion Ratio Lower Upper
97 100
83 85.8 72.0 108.0
85 56.7 45.4 68.0
99 64.3 50.3 75.5

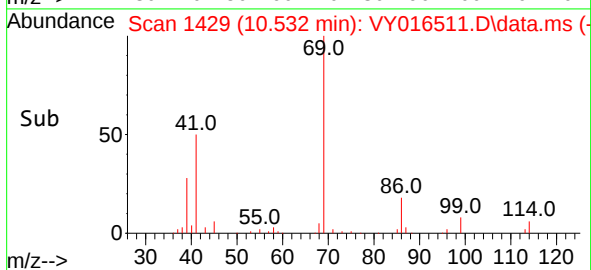
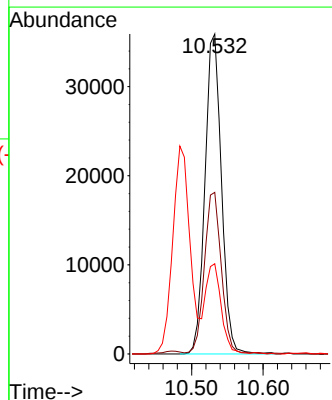
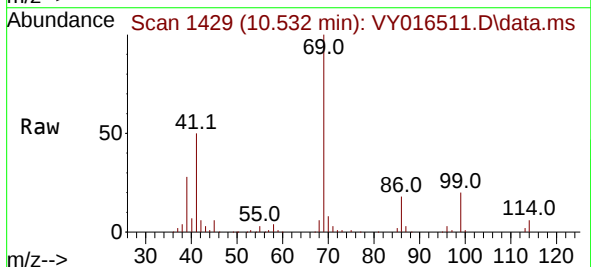
Manual Integrations
APPROVED

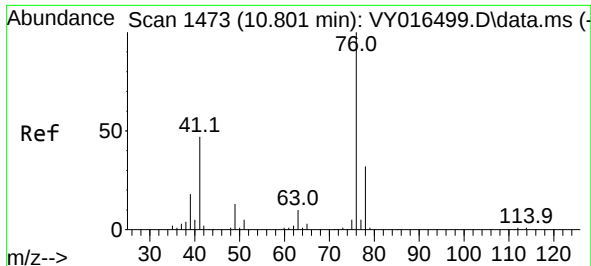
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#56
Ethyl methacrylate
Concen: 54.301 ug/l
RT: 10.532 min Scan# 1429
Delta R.T. 0.012 min
Lab File: VY016511.D
Acq: 28 Nov 2023 10:43

Tgt Ion: 69 Resp: 57533
Ion Ratio Lower Upper
69 100
41 51.4 57.6 86.4#
39 25.5 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 55.073 ug/l

RT: 10.813 min Scan# 1475

Delta R.T. 0.012 min

Lab File: VY016511.D

Acq: 28 Nov 2023 10:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 10536

Ion Ratio Lower Upper

76 100

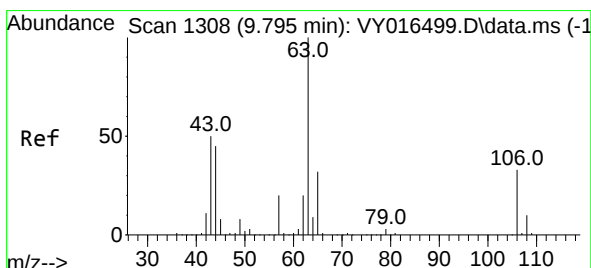
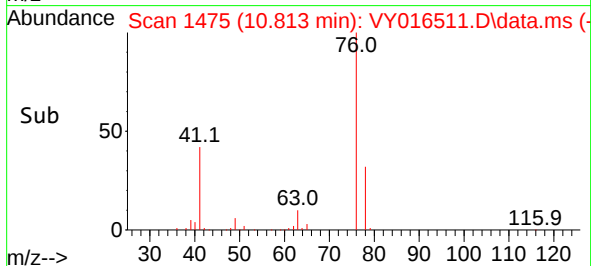
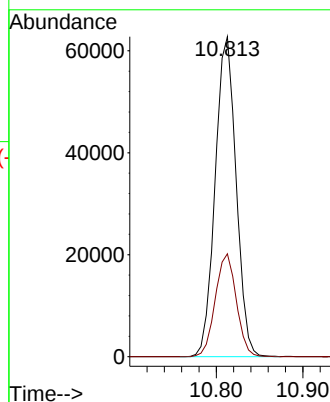
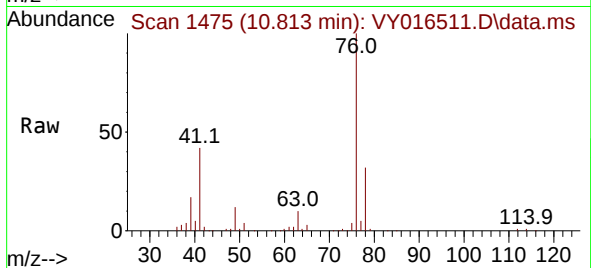
78 32.3 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2023

Supervised By :Mahesh Dadoda 11/29/2023



#58

2-Chloroethyl Vinyl ether

Concen: 273.834 ug/l

RT: 9.801 min Scan# 1309

Delta R.T. 0.006 min

Lab File: VY016511.D

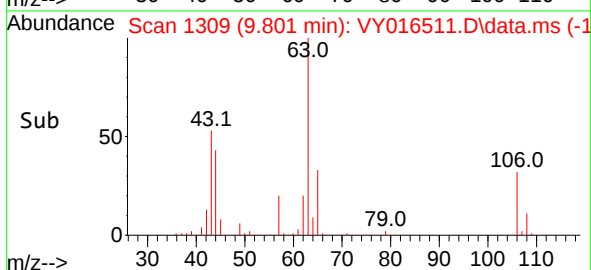
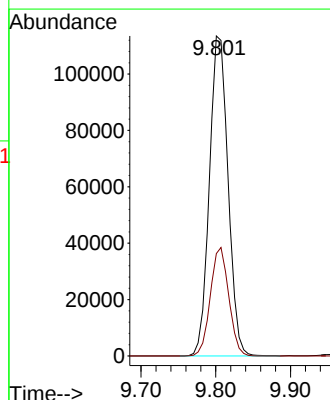
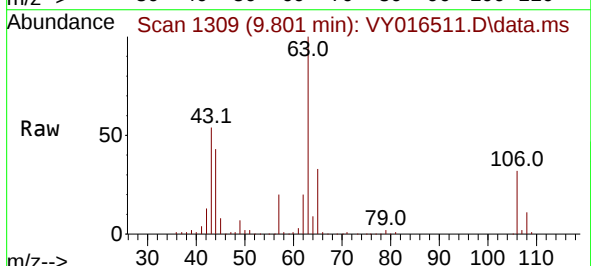
Acq: 28 Nov 2023 10:43

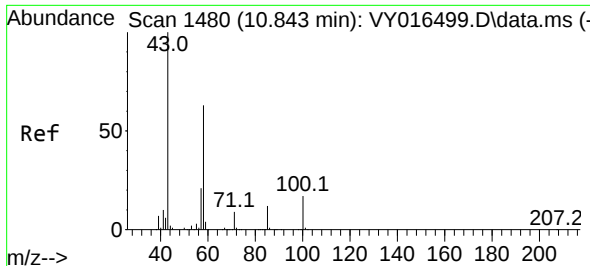
Tgt Ion: 63 Resp: 196729

Ion Ratio Lower Upper

63 100

106 33.4 21.2 31.8





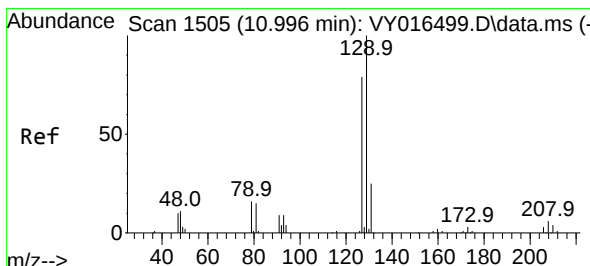
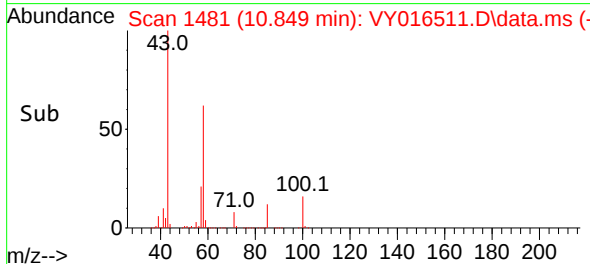
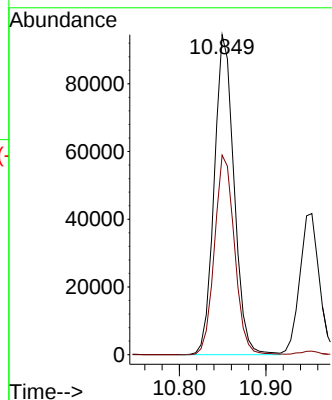
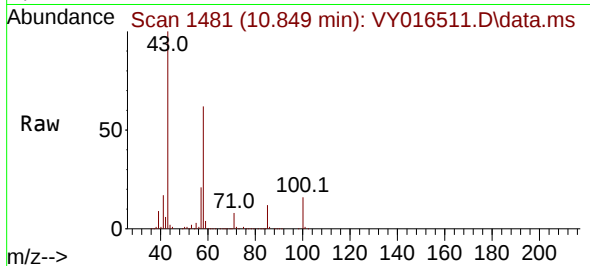
#59
2-Hexanone
Concen: 229.303 ug/l
RT: 10.849 min Scan# 1480
Delta R.T. 0.006 min
Lab File: VY016511.D
Acq: 28 Nov 2023 10:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 150025
Ion Ratio Lower Upper
43 100
58 63.1 25.1 75.3

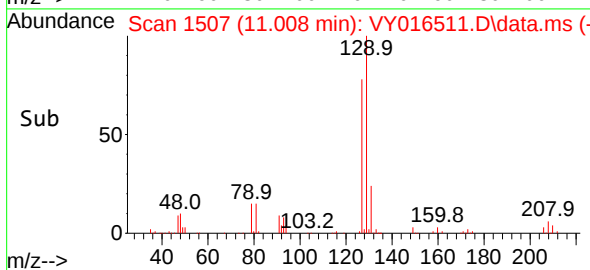
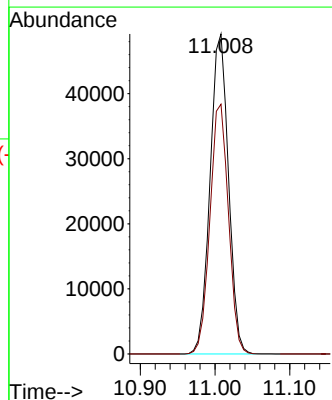
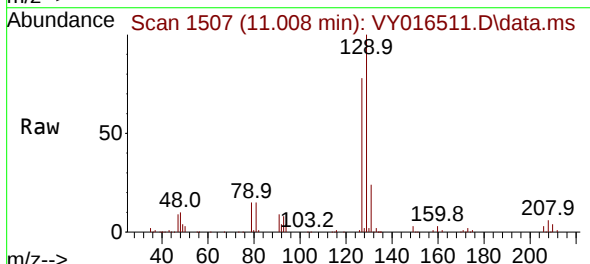
Manual Integrations
APPROVED

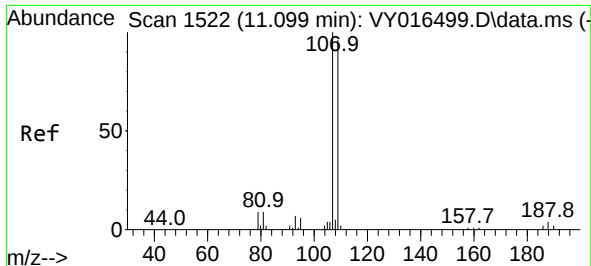
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#60
Dibromochloromethane
Concen: 59.957 ug/l
RT: 11.008 min Scan# 1507
Delta R.T. 0.012 min
Lab File: VY016511.D
Acq: 28 Nov 2023 10:43

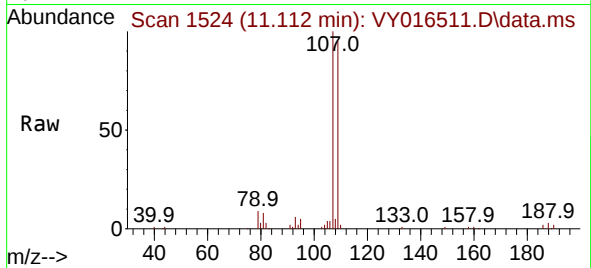
Tgt Ion:129 Resp: 84164
Ion Ratio Lower Upper
129 100
127 78.3 38.5 115.5





#61
1,2-Dibromoethane
Concen: 57.231 ug/l
RT: 11.112 min Scan# 1112
Delta R.T. 0.012 min
Lab File: VY016511.D
Acq: 28 Nov 2023 10:43

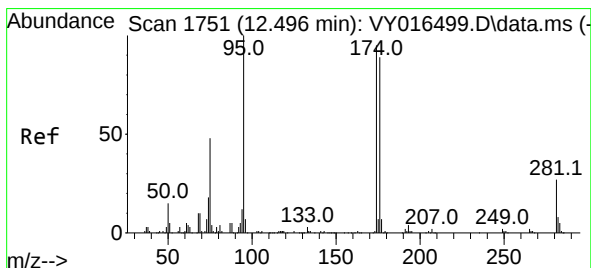
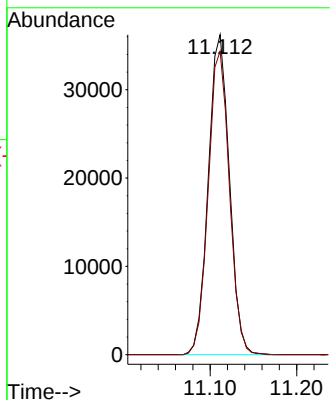
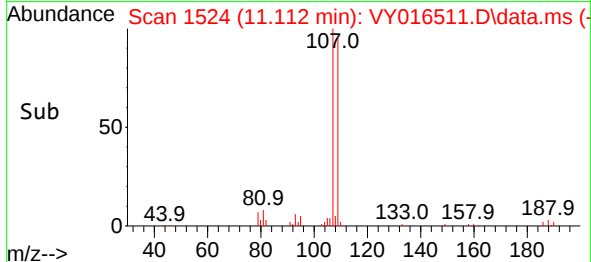
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 61198
Ion Ratio Lower Upper
107 100
109 95.1 75.6 113.4

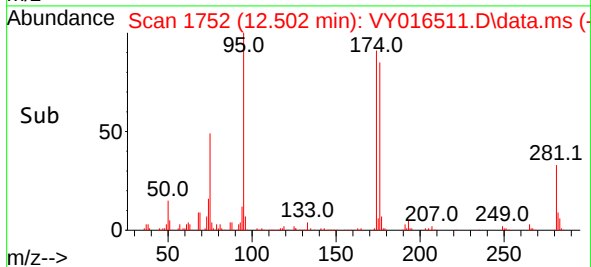
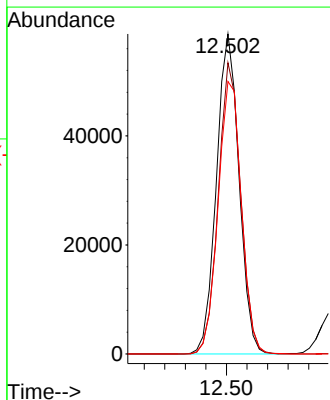
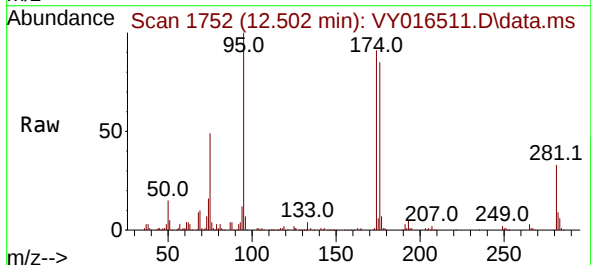
Manual Integrations
APPROVED

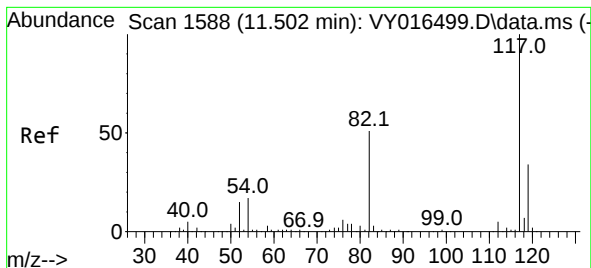
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#62
4-Bromofluorobenzene
Concen: 53.027 ug/l
RT: 12.502 min Scan# 1752
Delta R.T. 0.012 min
Lab File: VY016511.D
Acq: 28 Nov 2023 10:43

Tgt Ion: 95 Resp: 89579
Ion Ratio Lower Upper
95 100
174 90.1 0.0 178.2
176 87.8 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016511.D

Acq: 28 Nov 2023 10:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:117 Resp: 19836

Ion Ratio Lower Upper

117 100

82 51.1 43.4 65.0

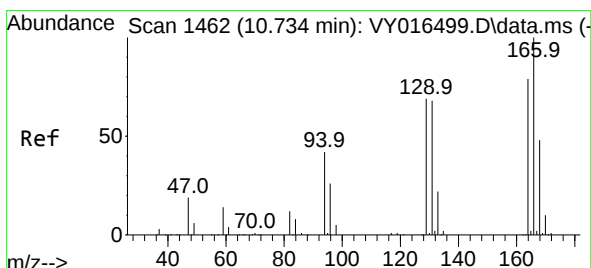
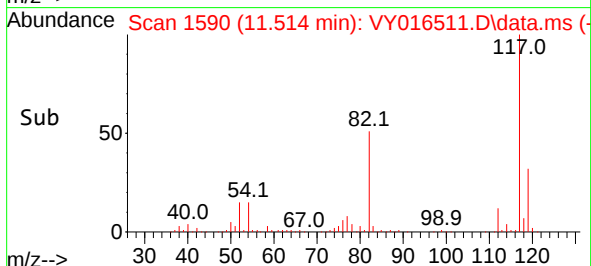
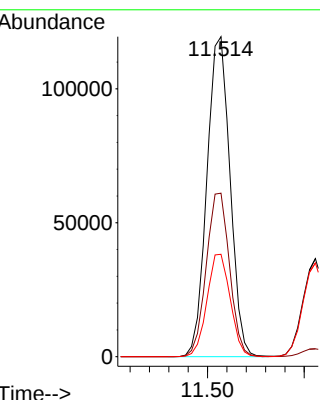
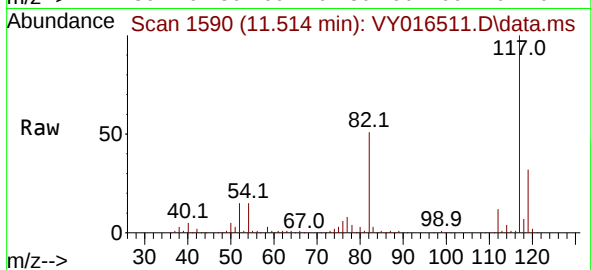
119 32.0 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2023

Supervised By :Mahesh Dadoda 11/29/2023



#64

Tetrachloroethene

Concen: 57.702 ug/l

RT: 10.740 min Scan# 1463

Delta R.T. 0.012 min

Lab File: VY016511.D

Acq: 28 Nov 2023 10:43

Tgt Ion:164 Resp: 102776

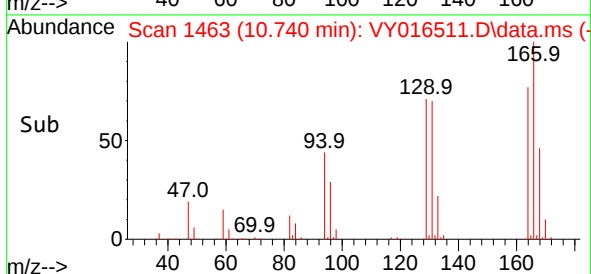
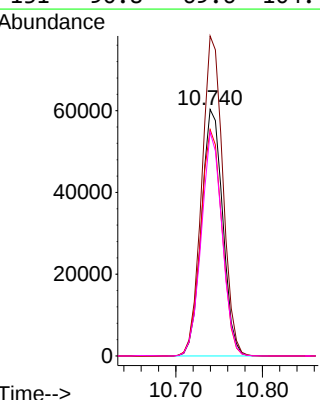
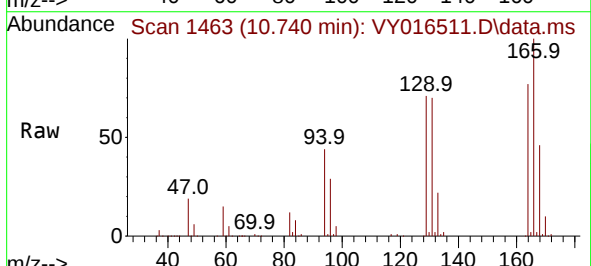
Ion Ratio Lower Upper

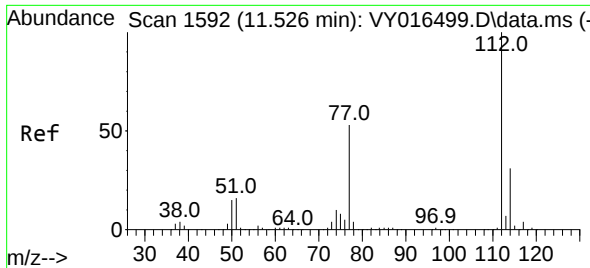
164 100

166 129.8 103.0 154.6

129 91.8 77.2 115.8

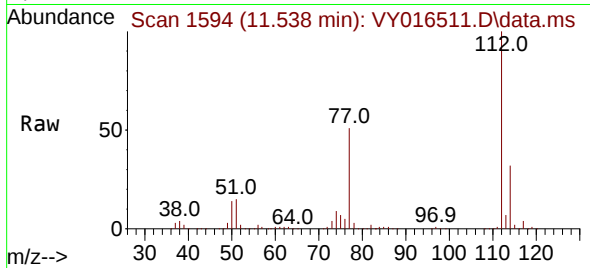
131 90.8 69.6 104.4





#65
Chlorobenzene
Concen: 55.748 ug/l
RT: 11.538 min Scan# 11538
Delta R.T. 0.012 min
Lab File: VY016511.D
Acq: 28 Nov 2023 10:43

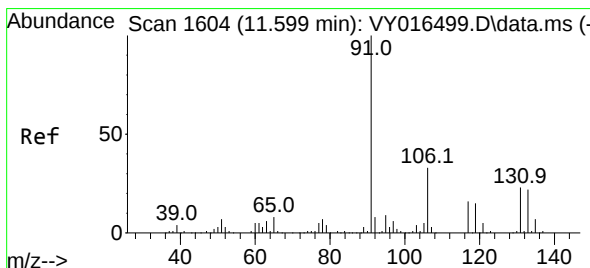
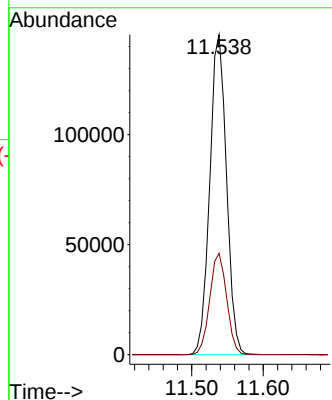
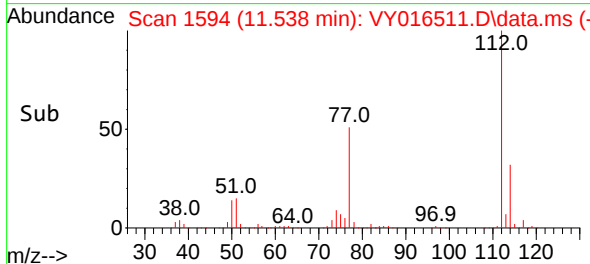
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



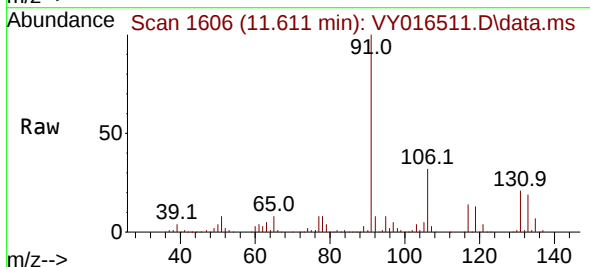
Tgt Ion:112 Resp: 236270
Ion Ratio Lower Upper
112 100
114 31.6 25.5 38.3

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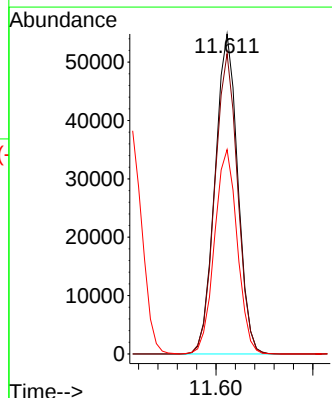
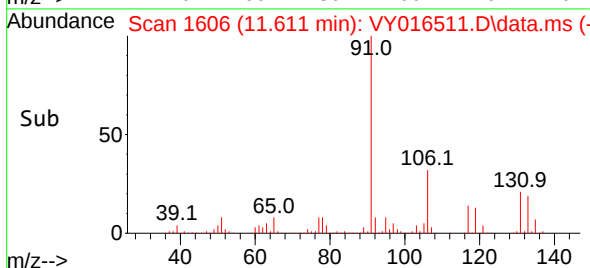
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023

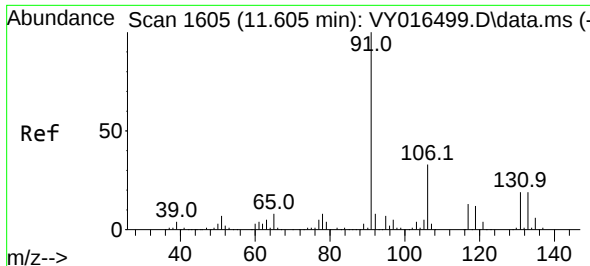


#66
1,1,1,2-Tetrachloroethane
Concen: 57.246 ug/l
RT: 11.611 min Scan# 1606
Delta R.T. 0.012 min
Lab File: VY016511.D
Acq: 28 Nov 2023 10:43



Tgt Ion:131 Resp: 89486
Ion Ratio Lower Upper
131 100
133 94.3 47.5 142.6
119 64.0 31.6 94.7





#67

Ethyl Benzene

Concen: 53.903 ug/l

RT: 11.611 min Scan# 1606

Delta R.T. 0.012 min

Lab File: VY016511.D

Acq: 28 Nov 2023 10:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 410560

Ion Ratio Lower Upper

91 100

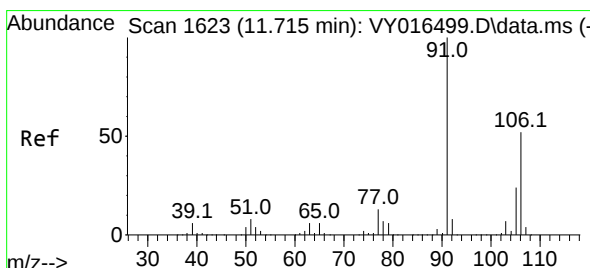
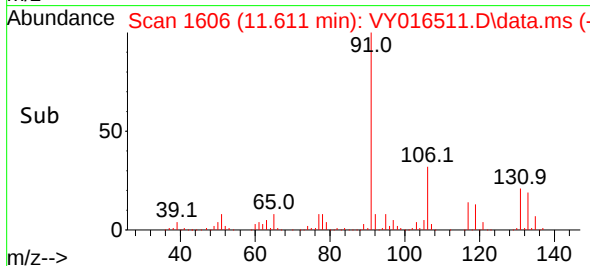
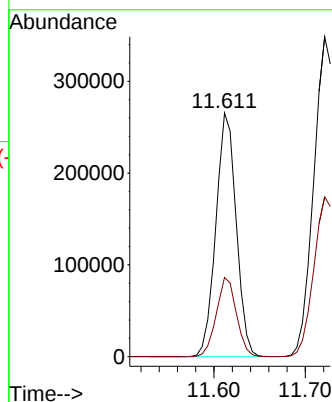
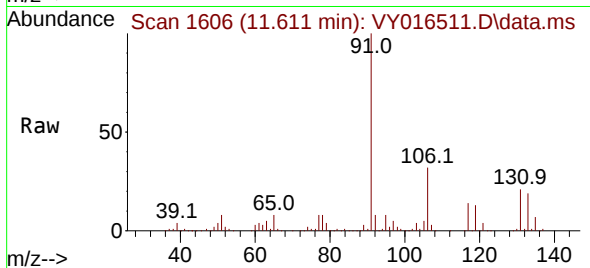
106 32.5 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2023

Supervised By :Mahesh Dadoda 11/29/2023



#68

m/p-Xylenes

Concen: 110.103 ug/l

RT: 11.721 min Scan# 1624

Delta R.T. 0.006 min

Lab File: VY016511.D

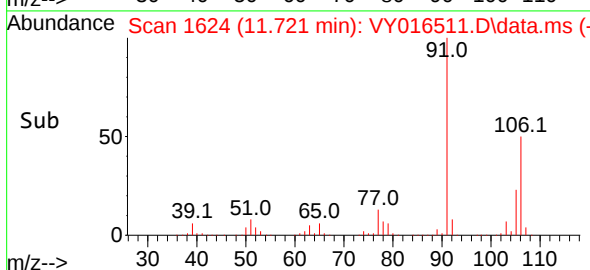
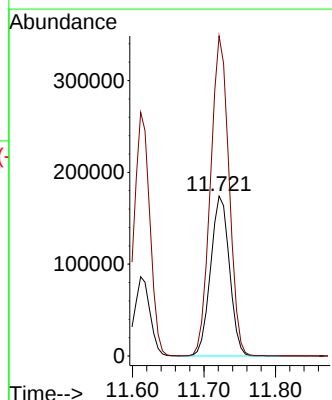
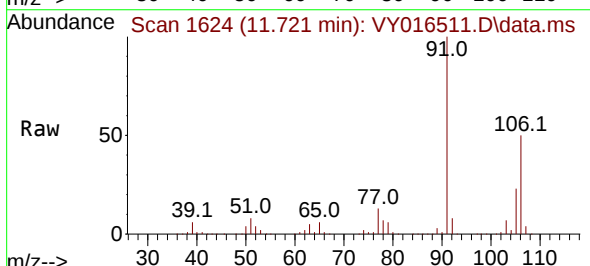
Acq: 28 Nov 2023 10:43

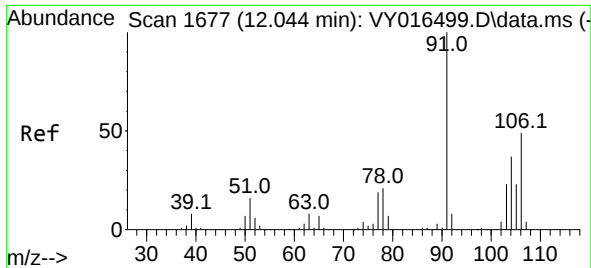
Tgt Ion:106 Resp: 318079

Ion Ratio Lower Upper

106 100

91 196.9 166.1 249.1





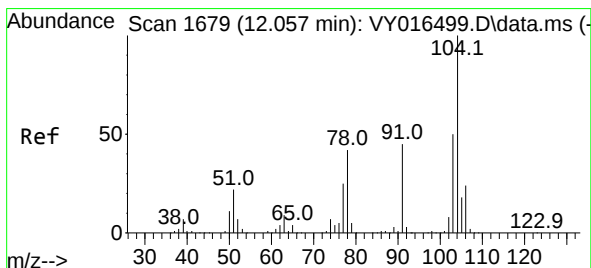
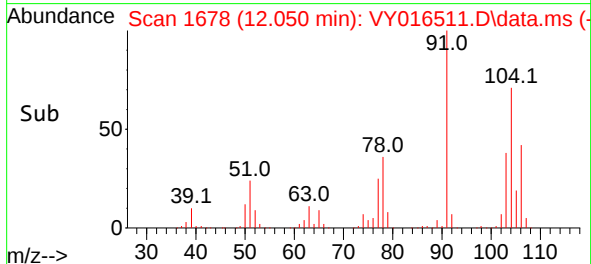
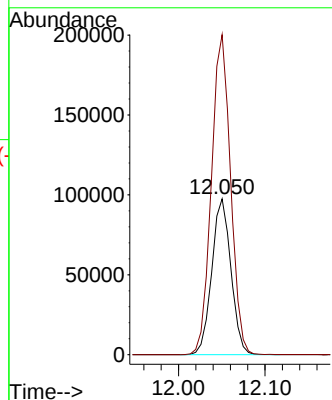
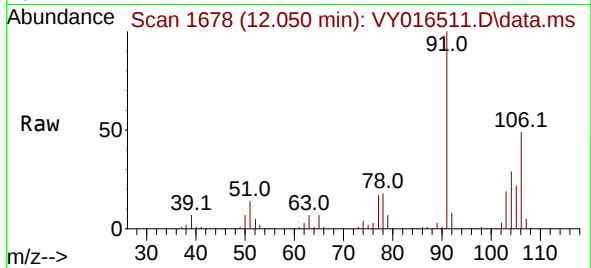
#69
o-Xylene
Concen: 55.771 ug/l
RT: 12.050 min Scan# 1677
Delta R.T. 0.012 min
Lab File: VY016511.D
Acq: 28 Nov 2023 10:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 149592
Ion Ratio Lower Upper
106 100
91 206.1 108.1 324.3

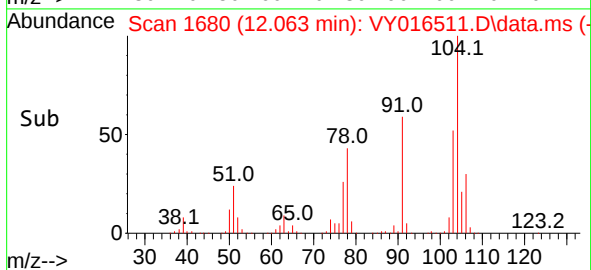
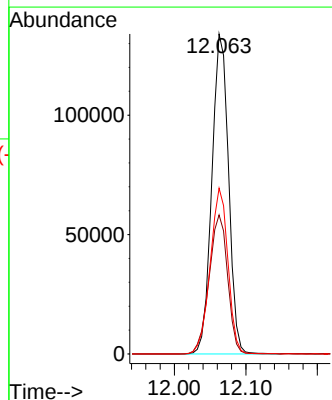
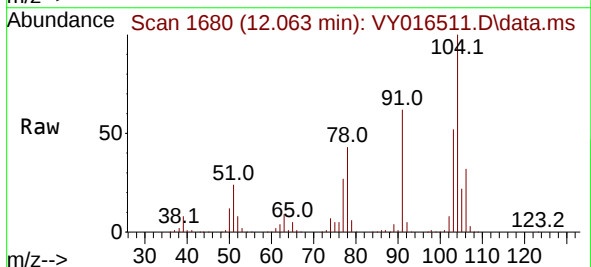
Manual Integrations
APPROVED

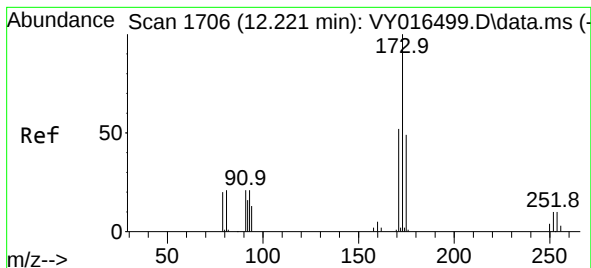
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#70
Styrene
Concen: 56.566 ug/l
RT: 12.063 min Scan# 1680
Delta R.T. 0.006 min
Lab File: VY016511.D
Acq: 28 Nov 2023 10:43

Tgt Ion:104 Resp: 217253
Ion Ratio Lower Upper
104 100
78 48.3 41.5 62.3
103 55.1 44.6 67.0





#71

Bromoform

Concen: 61.587 ug/l

RT: 12.227 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016511.D

Acq: 28 Nov 2023 10:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

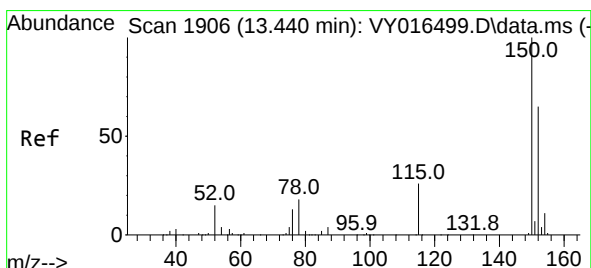
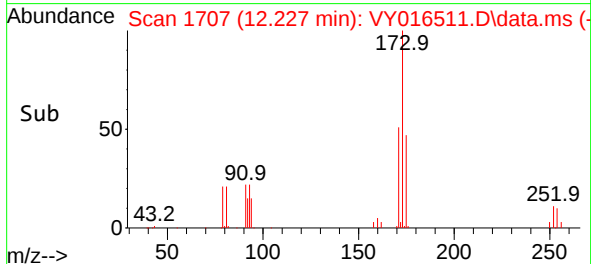
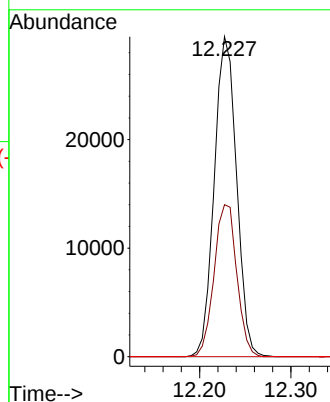
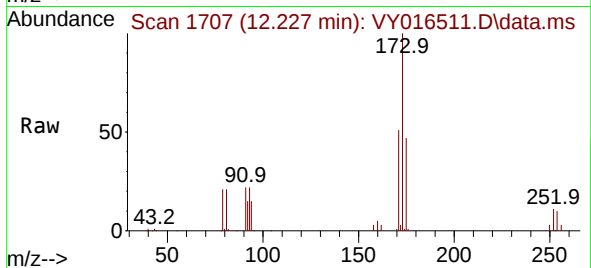
Tgt Ion:173	Resp:	49954
Ion Ratio	Lower	Upper
173	100	
175	48.5	24.6 73.8
254	0.0	0.2 0.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2023

Supervised By :Mahesh Dadoda 11/29/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

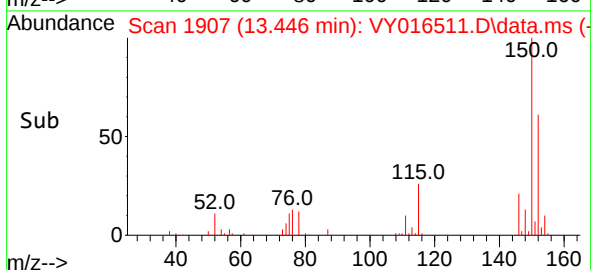
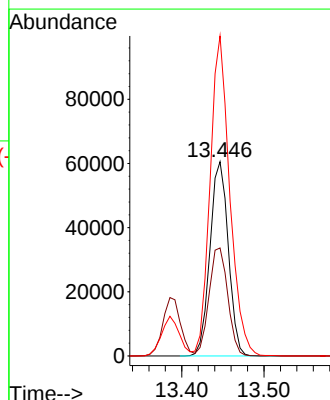
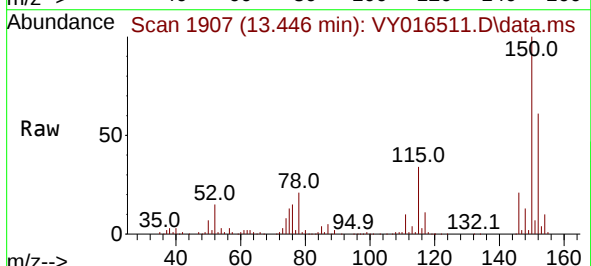
RT: 13.446 min Scan# 1907

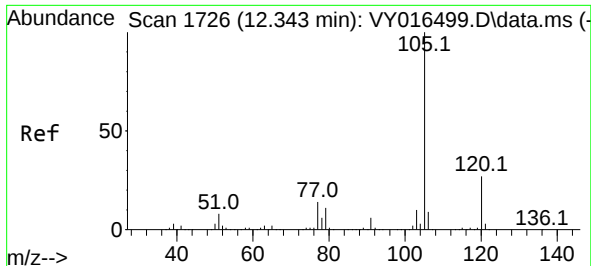
Delta R.T. 0.012 min

Lab File: VY016511.D

Acq: 28 Nov 2023 10:43

Tgt Ion:152	Resp:	93980
Ion Ratio	Lower	Upper
152	100	
115	56.7	28.8 86.5
150	176.5	0.0 348.8





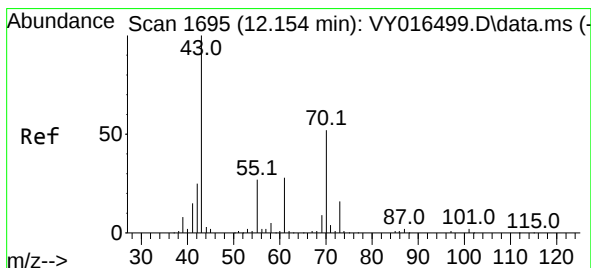
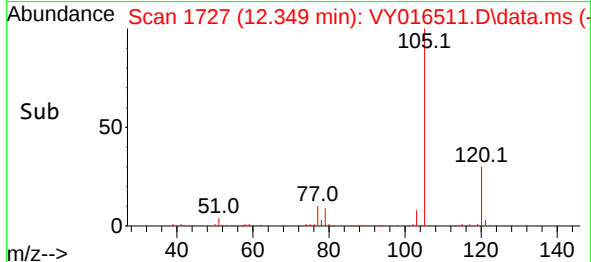
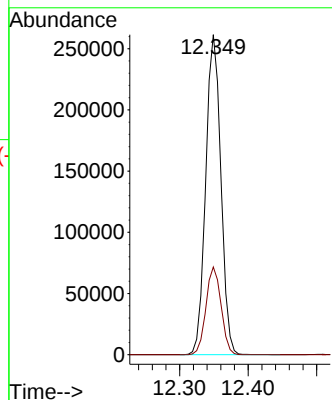
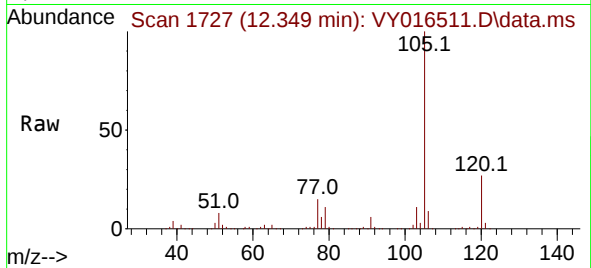
#73
Isopropylbenzene
Concen: 52.827 ug/l
RT: 12.349 min Scan# 1726
Delta R.T. 0.012 min
Lab File: VY016511.D
Acq: 28 Nov 2023 10:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 40203
Ion Ratio Lower Upper
105 100
120 27.3 13.3 39.9

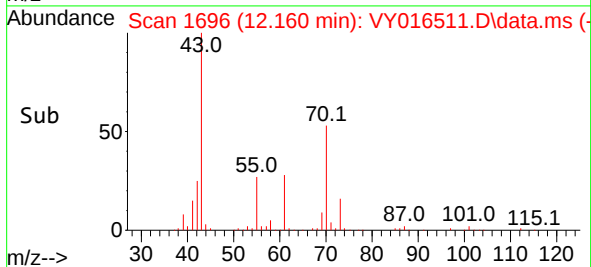
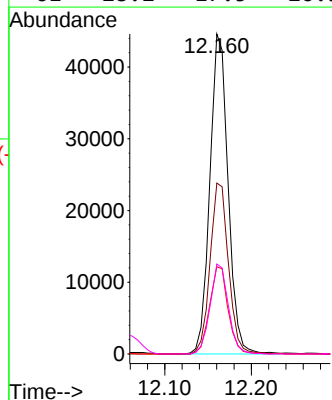
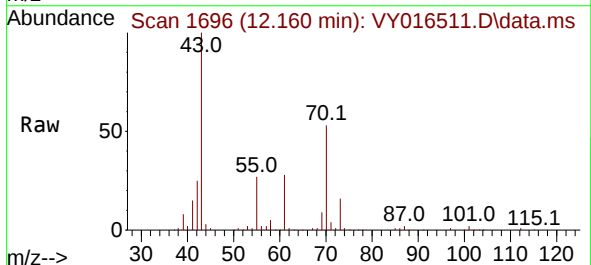
Manual Integrations
APPROVED

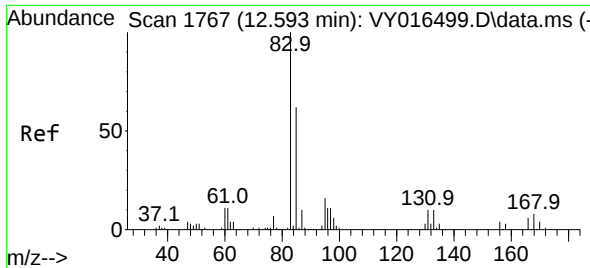
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#74
N-ethyl acetate
Concen: 42.615 ug/l
RT: 12.160 min Scan# 1696
Delta R.T. 0.006 min
Lab File: VY016511.D
Acq: 28 Nov 2023 10:43

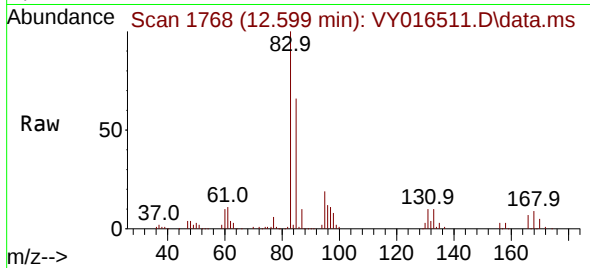
Tgt Ion: 43 Resp: 65143
Ion Ratio Lower Upper
43 100
70 53.9 29.7 44.5#
55 27.8 18.3 27.5#
61 28.2 17.5 26.3#





#75
1,1,2,2-Tetrachloroethane
Concen: 52.051 ug/l
RT: 12.599 min Scan# 1767
Delta R.T. 0.006 min
Lab File: VY016511.D
Acq: 28 Nov 2023 10:43

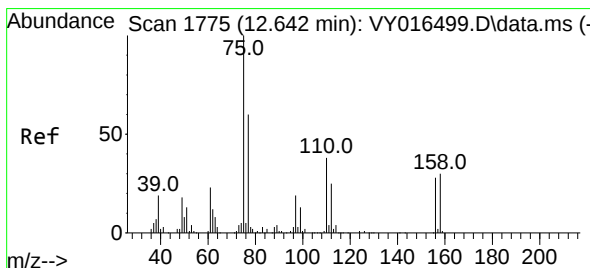
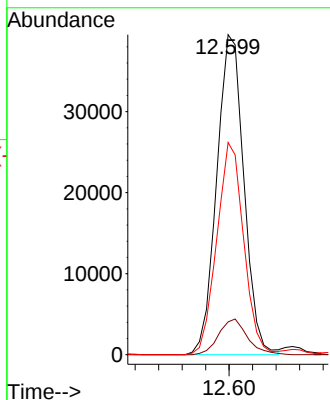
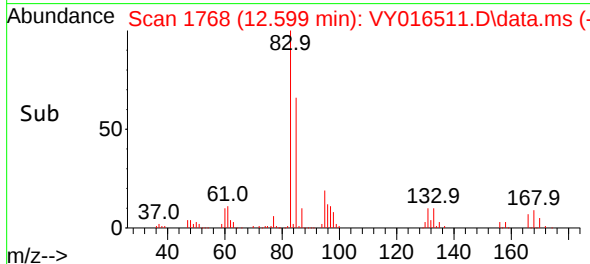
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



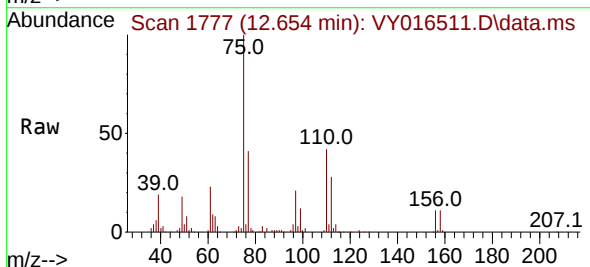
Tgt Ion: 83 Resp: 63564
Ion Ratio Lower Upper
83 100
131 11.7 5.4 16.2
85 65.6 31.8 95.4

Manual Integrations
APPROVED

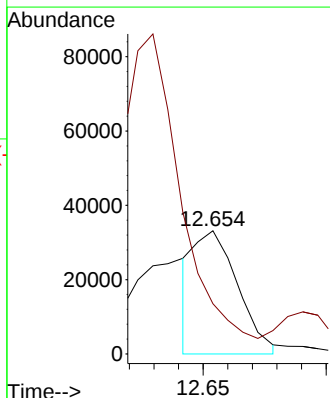
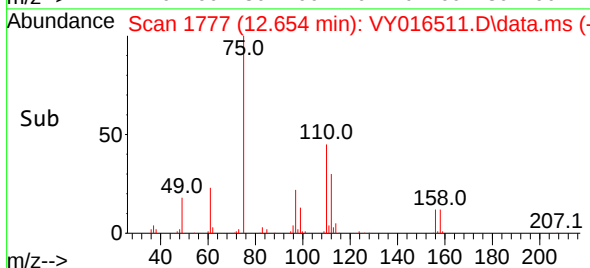
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023

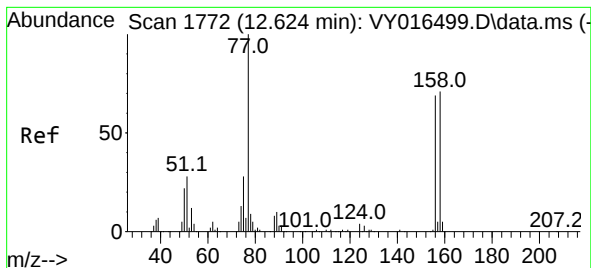


#76
1,2,3-Trichloropropane
Concen: 45.594 ug/l m
RT: 12.654 min Scan# 1777
Delta R.T. 0.012 min
Lab File: VY016511.D
Acq: 28 Nov 2023 10:43



Tgt Ion: 75 Resp: 41105
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 56.624 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.012 min

Lab File: VY016511.D

Acq: 28 Nov 2023 10:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

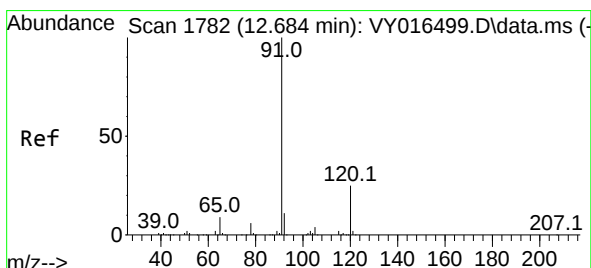
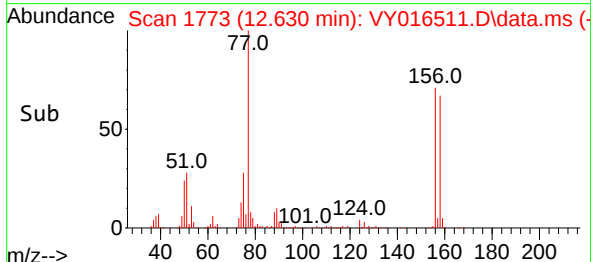
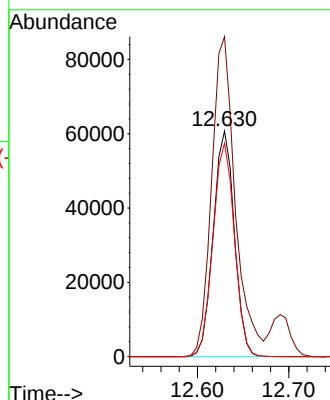
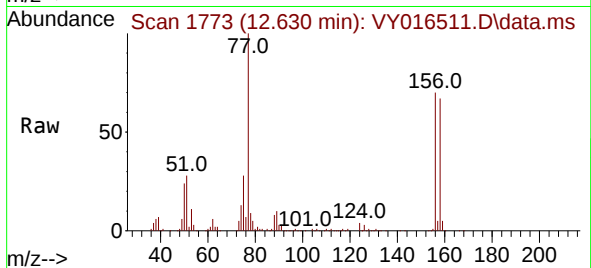
Tgt Ion:	156	Resp:	9739
Ion Ratio	Lower	Upper	
156	100		
77	158.9	92.8	278.6
158	96.4	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2023

Supervised By :Mahesh Dadoda 11/29/2023



#78

n-propylbenzene

Concen: 51.247 ug/l

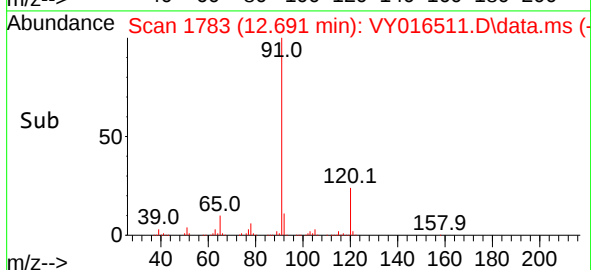
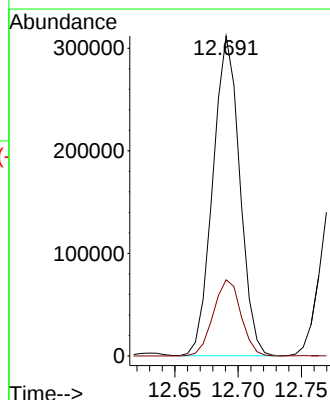
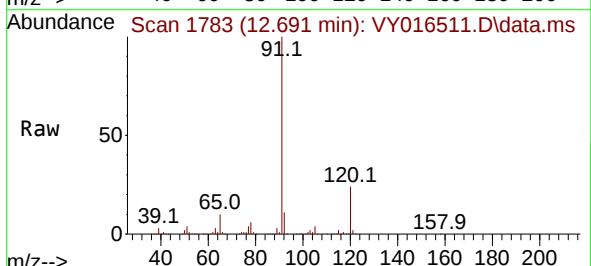
RT: 12.691 min Scan# 1783

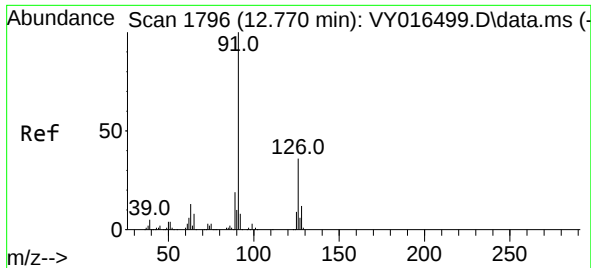
Delta R.T. 0.012 min

Lab File: VY016511.D

Acq: 28 Nov 2023 10:43

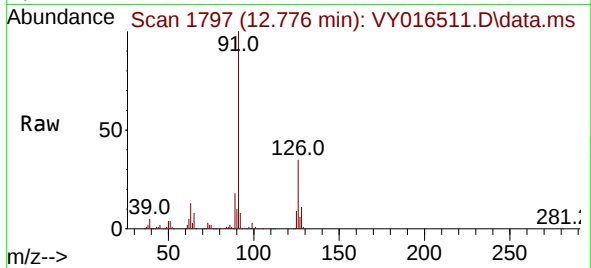
Tgt Ion:	91	Resp:	460907
Ion Ratio	Lower	Upper	
91	100		
120	24.4	11.5	34.4





#79
2-Chlorotoluene
Concen: 52.229 ug/l
RT: 12.776 min Scan# 1796
Delta R.T. 0.012 min
Lab File: VY016511.D
Acq: 28 Nov 2023 10:43

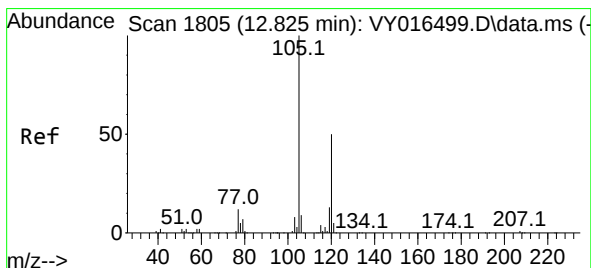
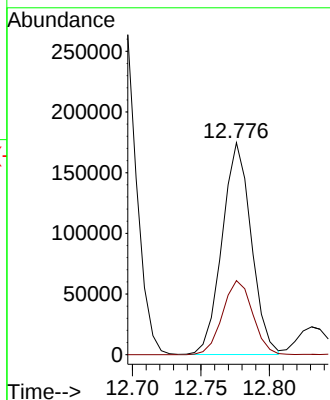
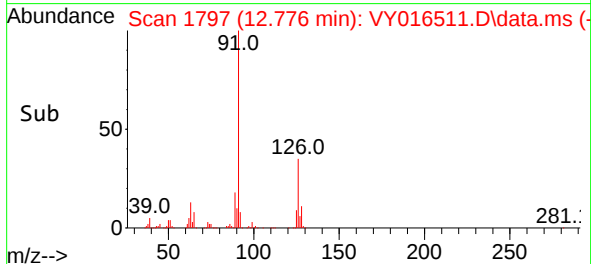
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



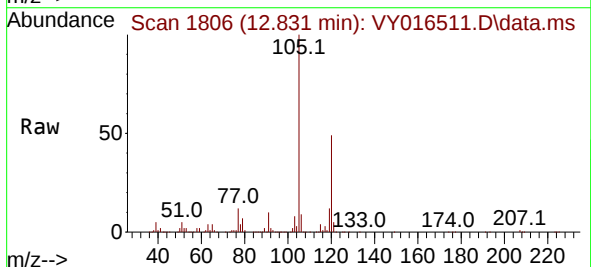
Tgt Ion: 91 Resp: 25887
Ion Ratio Lower Upper
91 100
126 36.1 17.3 51.7

Manual Integrations
APPROVED

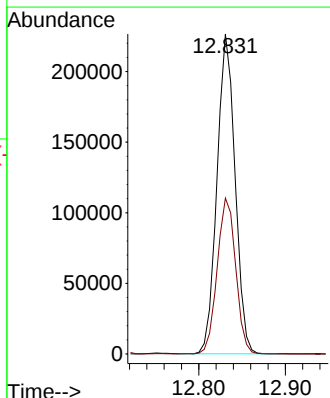
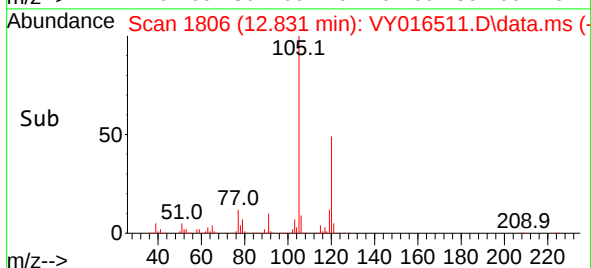
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023

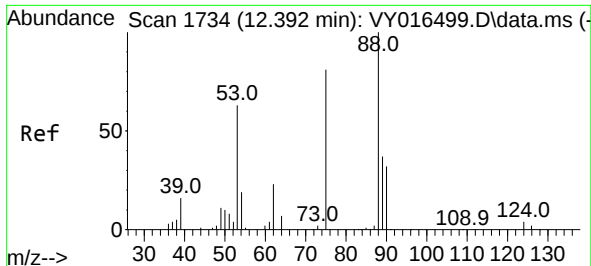


#80
1,3,5-Trimethylbenzene
Concen: 53.526 ug/l
RT: 12.831 min Scan# 1806
Delta R.T. 0.012 min
Lab File: VY016511.D
Acq: 28 Nov 2023 10:43



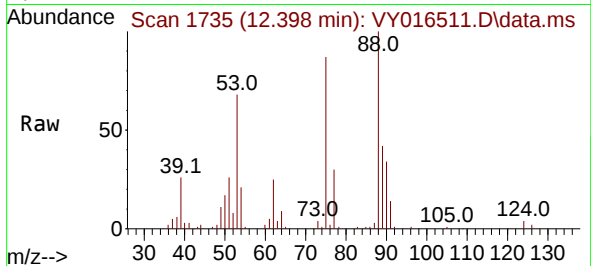
Tgt Ion:105 Resp: 328423
Ion Ratio Lower Upper
105 100
120 49.9 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 52.441 ug/l
RT: 12.398 min Scan# 1734
Delta R.T. 0.012 min
Lab File: VY016511.D
Acq: 28 Nov 2023 10:43

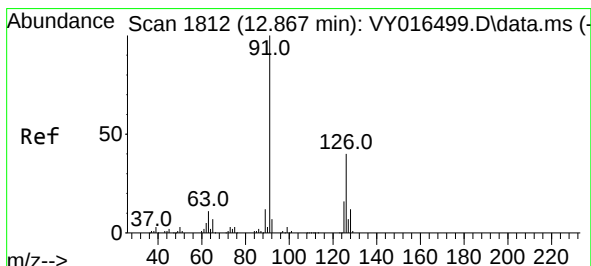
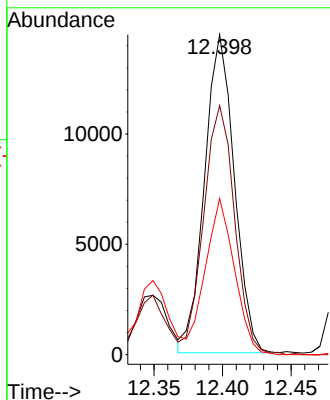
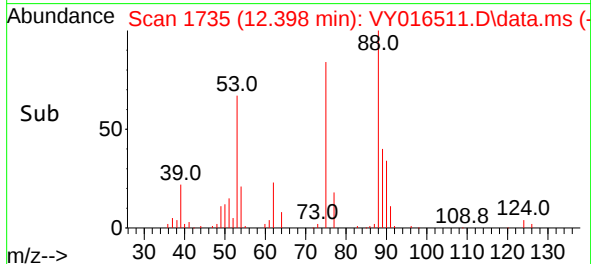
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 2178
Ion Ratio Lower Upper
75 100
53 81.8 77.8 116.8
89 47.9 37.4 56.0

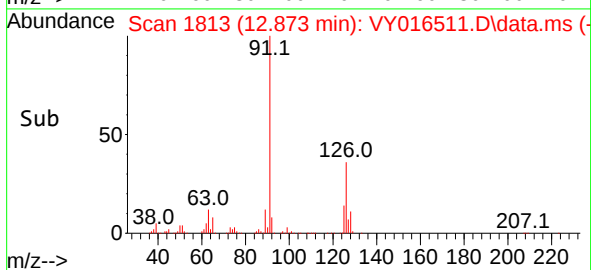
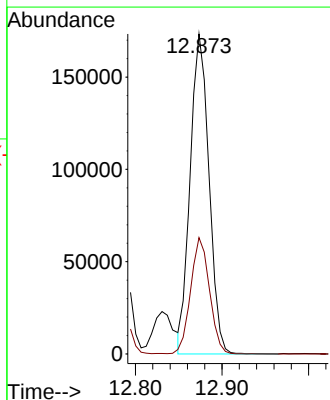
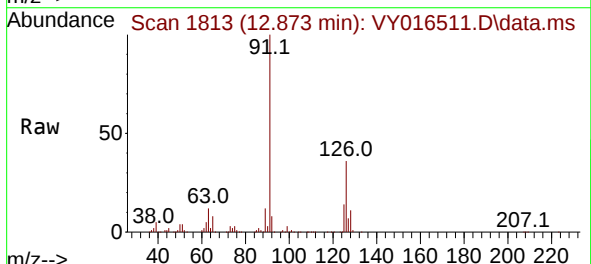
Manual Integrations
APPROVED

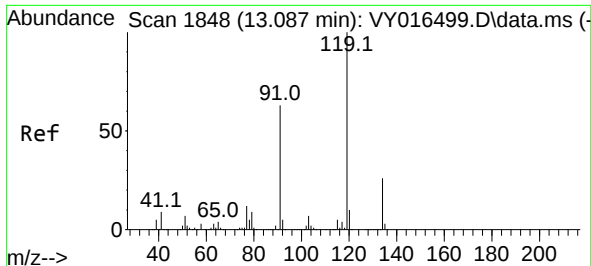
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#82
4-Chlorotoluene
Concen: 51.104 ug/l
RT: 12.873 min Scan# 1813
Delta R.T. 0.012 min
Lab File: VY016511.D
Acq: 28 Nov 2023 10:43

Tgt Ion: 91 Resp: 261734
Ion Ratio Lower Upper
91 100
126 36.5 17.2 51.6





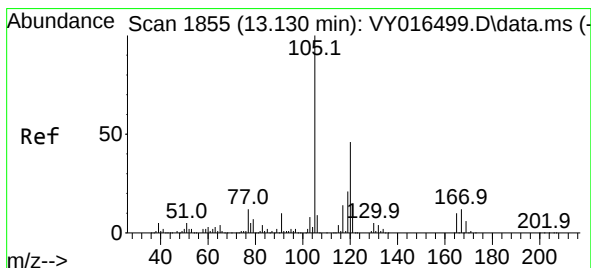
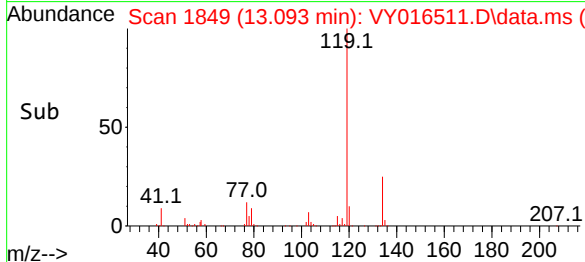
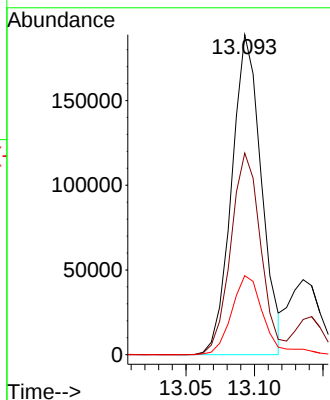
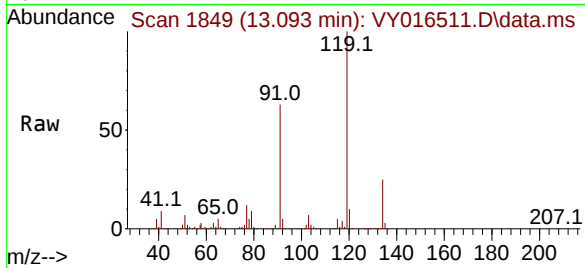
#83
tert-Butylbenzene
Concen: 52.801 ug/l
RT: 13.093 min Scan# 1848
Delta R.T. 0.012 min
Lab File: VY016511.D
Acq: 28 Nov 2023 10:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 285362
Ion Ratio Lower Upper
119 100
91 64.0 32.9 98.6
134 26.8 13.0 38.9

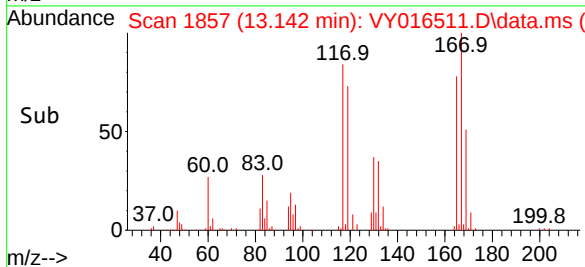
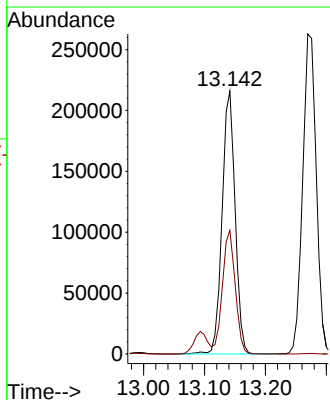
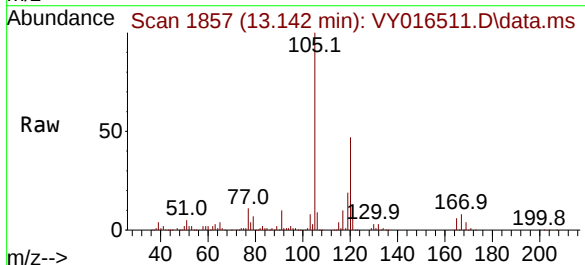
Manual Integrations
APPROVED

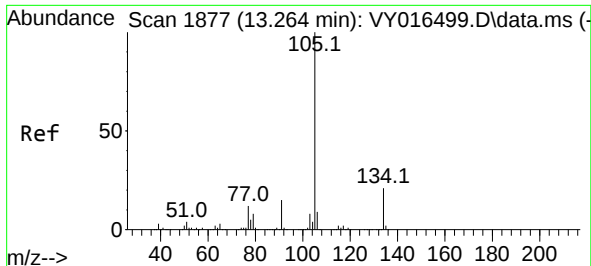
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#84
1,2,4-Trimethylbenzene
Concen: 53.074 ug/l
RT: 13.142 min Scan# 1857
Delta R.T. 0.012 min
Lab File: VY016511.D
Acq: 28 Nov 2023 10:43

Tgt Ion:105 Resp: 320654
Ion Ratio Lower Upper
105 100
120 46.4 22.2 66.6





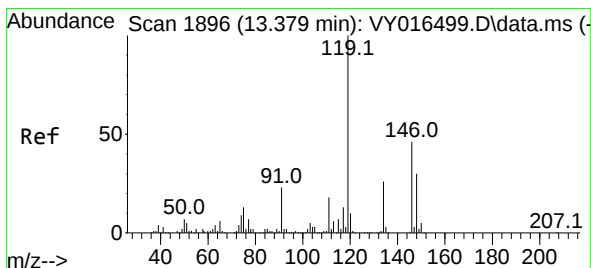
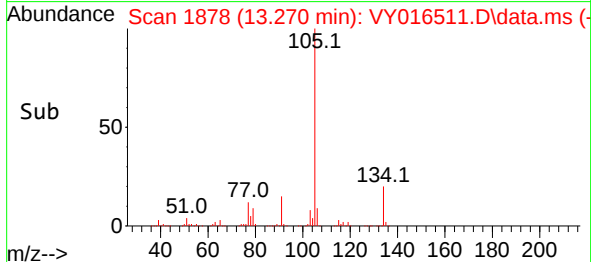
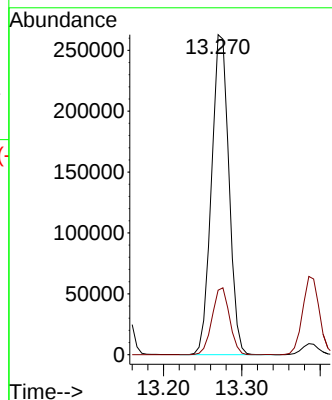
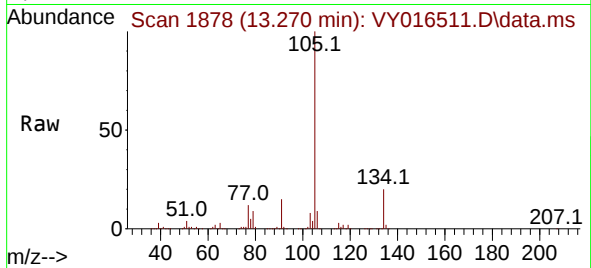
#85
 sec-Butylbenzene
 Concen: 52.629 ug/l
 RT: 13.270 min Scan# 1877
 Delta R.T. 0.006 min
 Lab File: VY016511.D
 Acq: 28 Nov 2023 10:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 406354
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.2 30.6

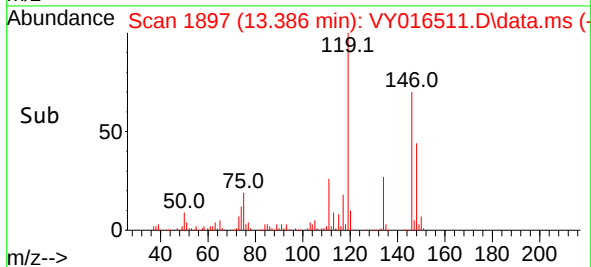
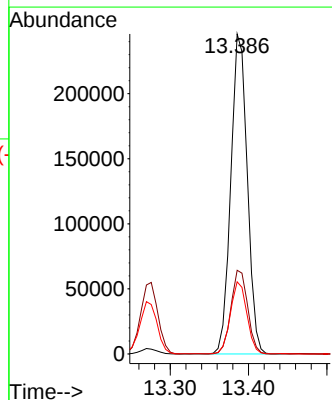
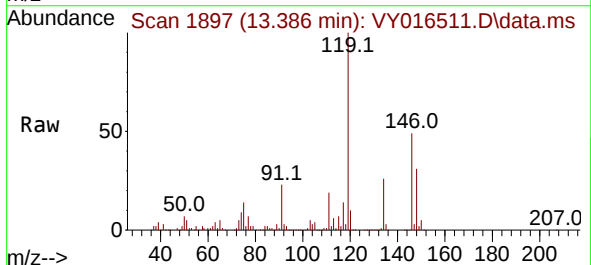
Manual Integrations
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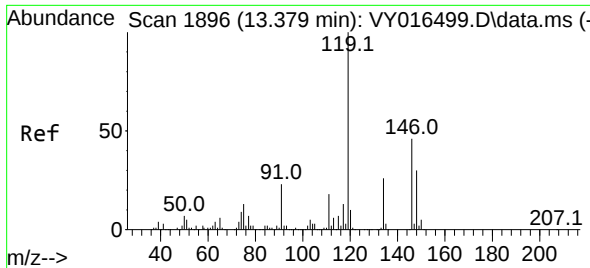
Reviewed By :John Carlone 11/29/2023
 Supervised By :Mahesh Dadoda 11/29/2023



#86
 p-Isopropyltoluene
 Concen: 53.934 ug/l
 RT: 13.386 min Scan# 1897
 Delta R.T. 0.006 min
 Lab File: VY016511.D
 Acq: 28 Nov 2023 10:43

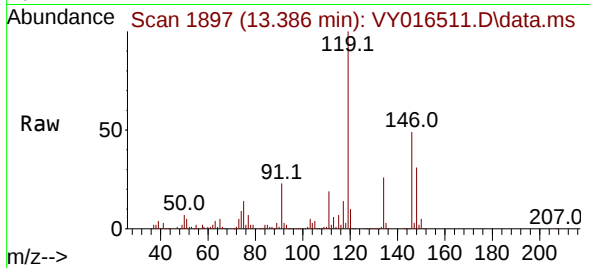
Tgt Ion:119 Resp: 358576
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.8
 91 22.5 12.4 37.4





#87
1,3-Dichlorobenzene
Concen: 54.660 ug/l
RT: 13.386 min Scan# 1896
Delta R.T. 0.012 min
Lab File: VY016511.D
Acq: 28 Nov 2023 10:43

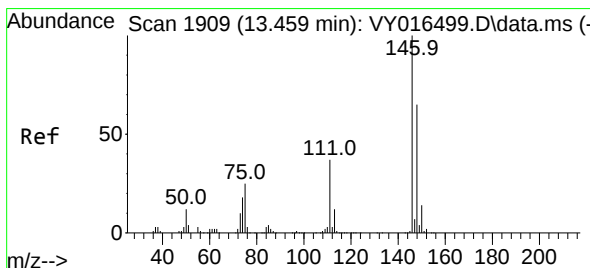
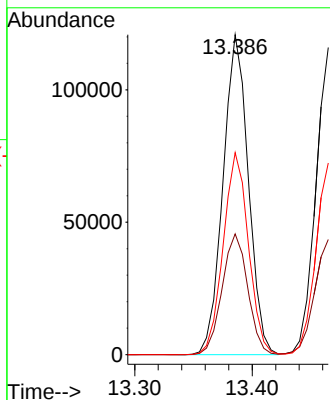
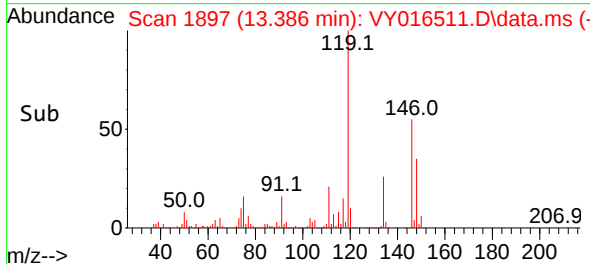
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 180879
Ion Ratio Lower Upper
146 100
111 38.2 19.4 58.2
148 63.0 31.9 95.5

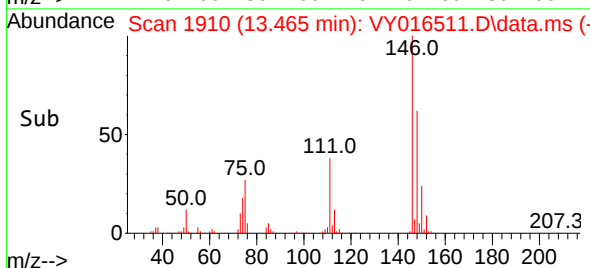
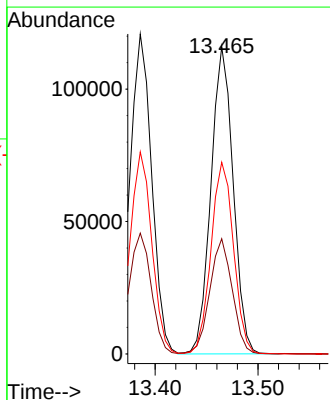
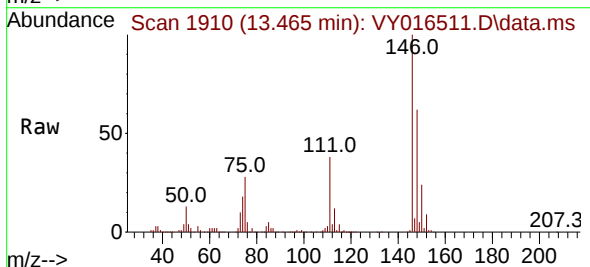
Manual Integrations
APPROVED

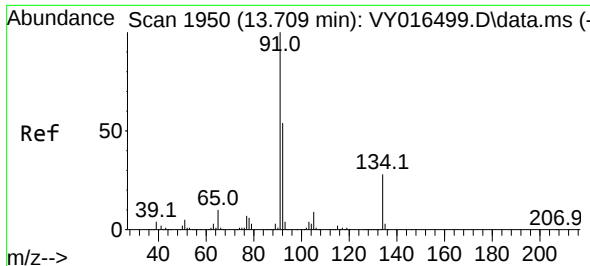
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#88
1,4-Dichlorobenzene
Concen: 53.953 ug/l
RT: 13.465 min Scan# 1910
Delta R.T. 0.012 min
Lab File: VY016511.D
Acq: 28 Nov 2023 10:43

Tgt Ion:146 Resp: 174482
Ion Ratio Lower Upper
146 100
111 37.9 18.9 56.7
148 63.4 32.1 96.5





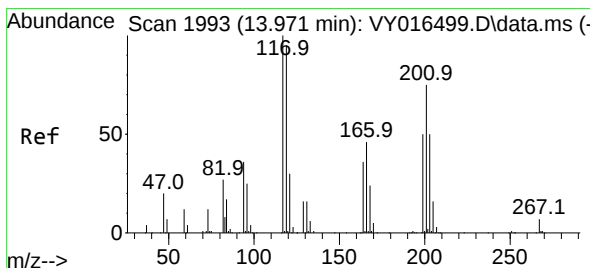
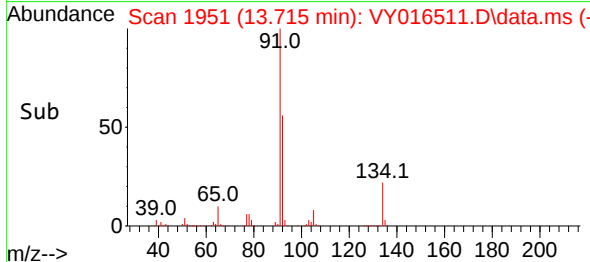
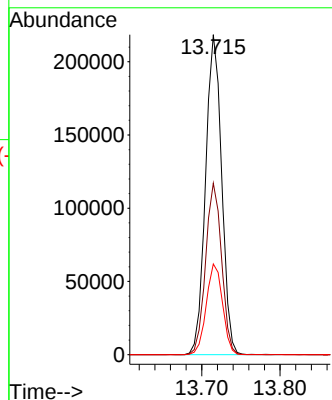
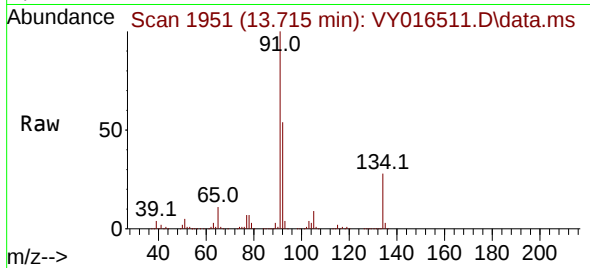
#89
n-Butylbenzene
Concen: 50.714 ug/l
RT: 13.715 min Scan# 1951
Delta R.T. 0.012 min
Lab File: VY016511.D
Acq: 28 Nov 2023 10:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 311378
Ion Ratio Lower Upper
91 100
92 53.2 25.4 76.0
134 28.6 12.6 37.6

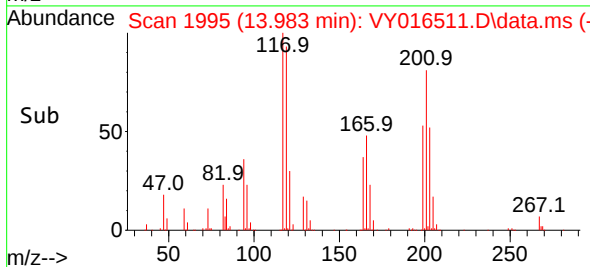
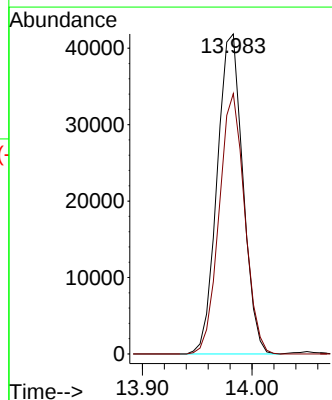
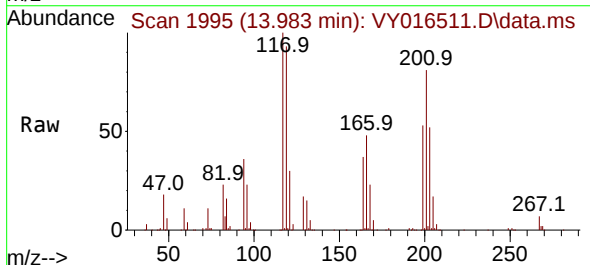
Manual Integrations
APPROVED

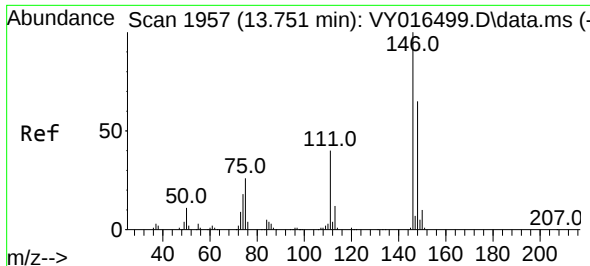
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#90
Hexachloroethane
Concen: 53.305 ug/l
RT: 13.983 min Scan# 1995
Delta R.T. 0.012 min
Lab File: VY016511.D
Acq: 28 Nov 2023 10:43

Tgt Ion:117 Resp: 68363
Ion Ratio Lower Upper
117 100
201 80.4 41.6 124.8





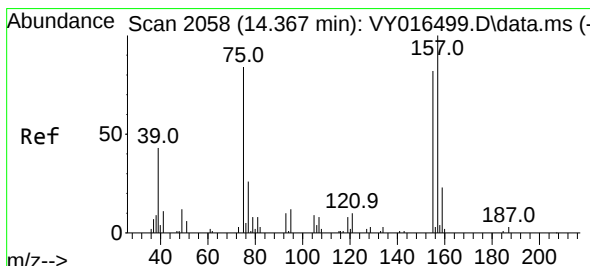
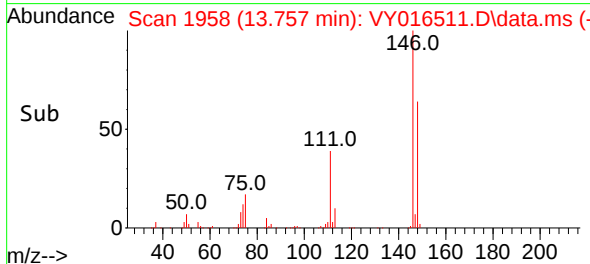
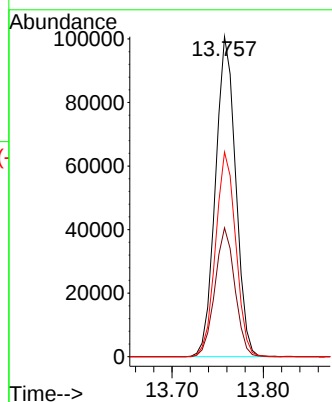
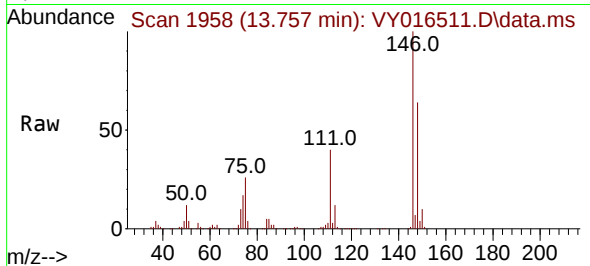
#91
1,2-Dichlorobenzene
Concen: 54.593 ug/l
RT: 13.757 min Scan# 1957
Delta R.T. 0.012 min
Lab File: VY016511.D
Acq: 28 Nov 2023 10:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 154804
Ion Ratio Lower Upper
146 100
111 39.7 19.7 59.0
148 63.9 32.0 96.2

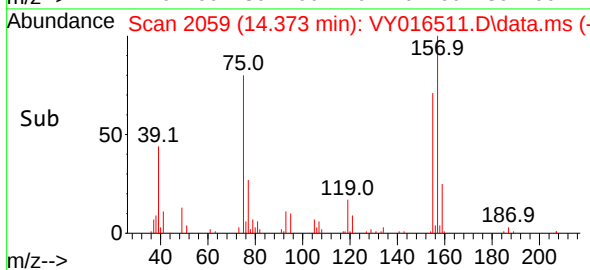
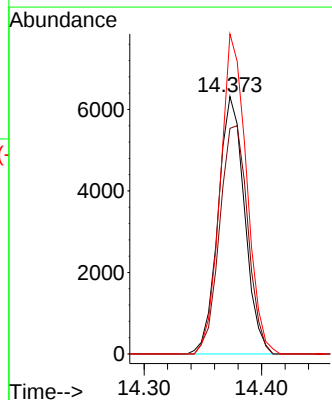
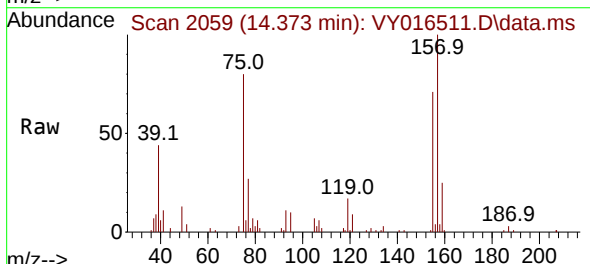
Manual Integrations
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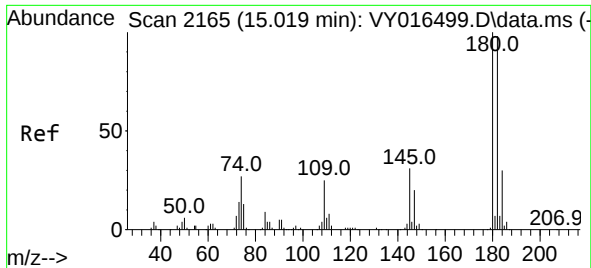
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.924 ug/l
RT: 14.373 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VY016511.D
Acq: 28 Nov 2023 10:43

Tgt Ion: 75 Resp: 9894
Ion Ratio Lower Upper
75 100
155 94.2 41.5 124.6
157 122.6 51.8 155.5





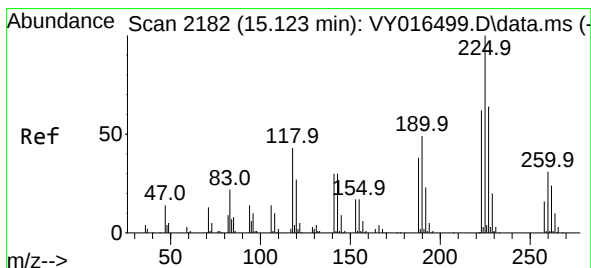
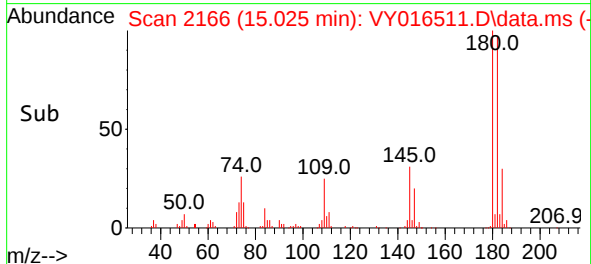
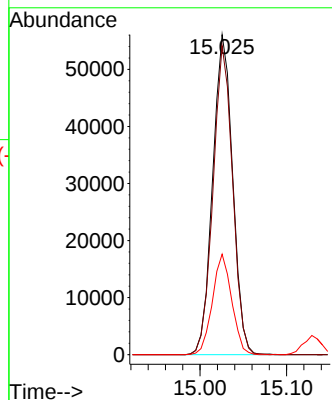
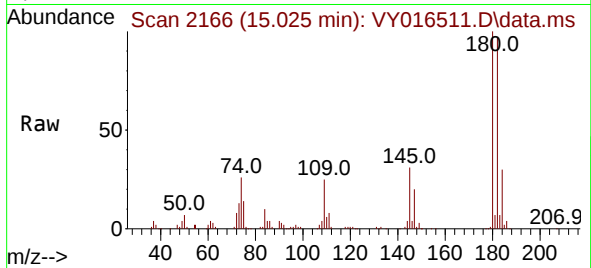
#93
1,2,4-Trichlorobenzene
Concen: 54.234 ug/l
RT: 15.025 min Scan# 2165
Delta R.T. 0.012 min
Lab File: VY016511.D
Acq: 28 Nov 2023 10:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:180 Resp: 8976
Ion Ratio Lower Upper
180 100
182 94.7 47.0 141.2
145 30.3 14.5 43.5

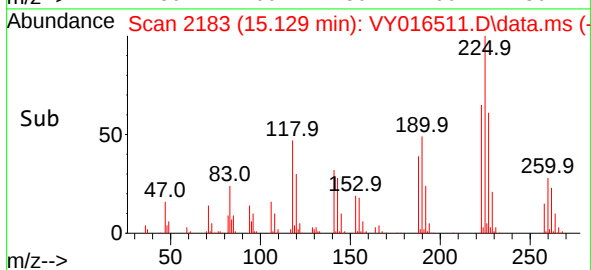
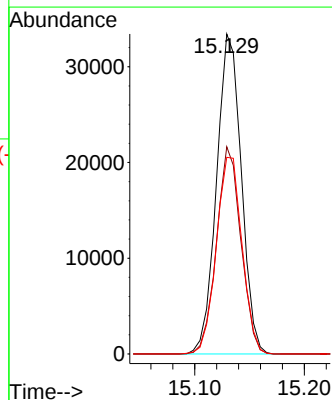
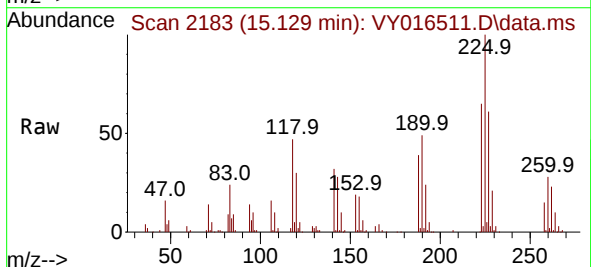
Manual Integrations
APPROVED

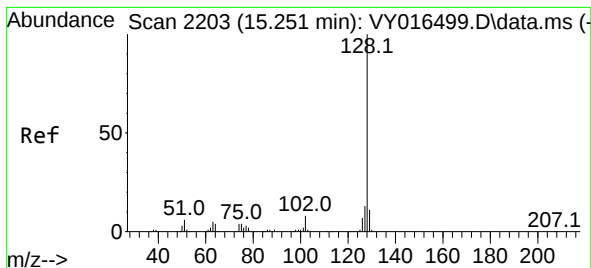
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#94
Hexachlorobutadiene
Concen: 55.346 ug/l
RT: 15.129 min Scan# 2183
Delta R.T. 0.006 min
Lab File: VY016511.D
Acq: 28 Nov 2023 10:43

Tgt Ion:225 Resp: 52481
Ion Ratio Lower Upper
225 100
223 63.8 31.9 95.9
227 63.9 33.0 98.9





#95

Naphthalene

Concen: 53.593 ug/l

RT: 15.257 min Scan# 2203

Delta R.T. 0.012 min

Lab File: VY016511.D

Acq: 28 Nov 2023 10:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 15864

Ion Ratio Lower Upper

128 100

127 12.7 10.8 16.2

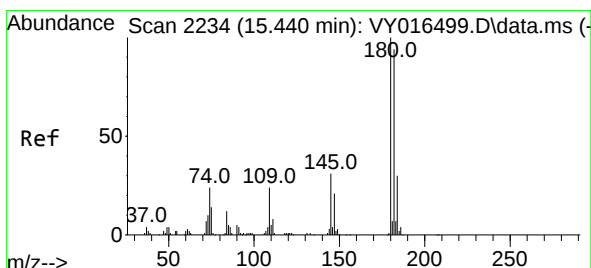
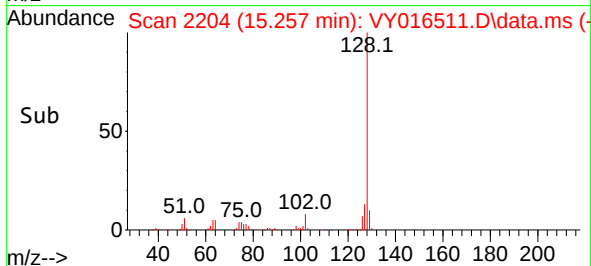
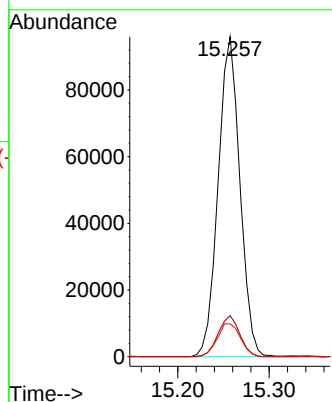
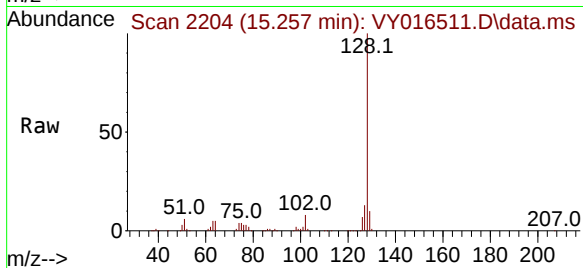
129 11.1 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2023

Supervised By :Mahesh Dadoda 11/29/2023



#96

1,2,3-Trichlorobenzene

Concen: 53.143 ug/l

RT: 15.446 min Scan# 2235

Delta R.T. 0.012 min

Lab File: VY016511.D

Acq: 28 Nov 2023 10:43

Tgt Ion:180 Resp: 72753

Ion Ratio Lower Upper

180 100

182 95.1 47.3 141.8

145 32.7 15.4 46.2

