

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112723\
 Data File : VY016502.D
 Acq On : 27 Nov 2023 11:58
 Operator : SY/MD
 Sample : VY1127SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1127SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/28/2023
 Supervised By : Mahesh Dadoda 11/28/2023

Quant Time: Nov 28 00:15:16 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	7.801	168	150006	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	231132	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	204554	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	101625	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	67047	48.904	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.800%		
35) Dibromofluoromethane	7.728	113	74891	57.039	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	114.080%		
50) Toluene-d8	10.191	98	274991	51.647	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	103.300%		
62) 4-Bromofluorobenzene	12.489	95	95176	55.038	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	110.080%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.912	85	32550	22.161	ug/l	98
3) Chloromethane	2.119	50	32786	19.059	ug/l	96
4) Vinyl Chloride	2.259	62	36538	19.753	ug/l	96
5) Bromomethane	2.656	94	23882	19.646	ug/l	98
6) Chloroethane	2.802	64	22895	19.397	ug/l	94
7) Trichlorofluoromethane	3.137	101	59770	22.210	ug/l	99
8) Diethyl Ether	3.540	74	16162	20.094	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.911	101	33932	20.934	ug/l	97
10) Methyl Iodide	4.100	142	36365	20.773	ug/l	100
11) Tert butyl alcohol	4.972	59	9855	91.794	ug/l #	84
12) 1,1-Dichloroethene	3.887	96	31529	20.799	ug/l	83
13) Acrolein	3.741	56	9213	71.146	ug/l	99
14) Allyl chloride	4.491	41	37704	17.528	ug/l #	88
15) Acrylonitrile	5.180	53	31403	98.383	ug/l	97
16) Acetone	3.954	43	33786	148.982	ug/l #	86
17) Carbon Disulfide	4.210	76	88923	19.442	ug/l	97
18) Methyl Acetate	4.491	43	21795	18.087	ug/l #	81
19) Methyl tert-butyl Ether	5.241	73	73611	20.064	ug/l	98
20) Methylene Chloride	4.734	84	37539	21.444	ug/l #	80
21) trans-1,2-Dichloroethene	5.234	96	36029	20.643	ug/l	86
22) Diisopropyl ether	6.131	45	82550	17.807	ug/l #	88
23) Vinyl Acetate	6.076	43	197827	88.068	ug/l #	85
24) 1,1-Dichloroethane	6.027	63	56221	19.658	ug/l	96
25) 2-Butanone	6.996	43	46897	118.064	ug/l #	85
26) 2,2-Dichloropropane	6.996	77	53458	20.537	ug/l	95
27) cis-1,2-Dichloroethene	6.996	96	39593	21.050	ug/l	85
28) Bromochloromethane	7.350	49	18454	17.434	ug/l #	69
29) Tetrahydrofuran	7.356	42	22641	86.236	ug/l #	77
30) Chloroform	7.521	83	62802	21.096	ug/l	100
31) Cyclohexane	7.795	56	47965	17.770	ug/l #	82
32) 1,1,1-Trichloroethane	7.716	97	58944	21.600	ug/l	95
36) 1,1-Dichloropropene	7.929	75	47822	20.976	ug/l	97
37) Ethyl Acetate	7.088	43	17259	18.736	ug/l #	89
38) Carbon Tetrachloride	7.911	117	54283	22.941	ug/l	96
39) Methylcyclohexane	9.191	83	57650	20.293	ug/l	87
40) Benzene	8.173	78	138012	21.546	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.325	41	8261	17.786	ug/l #	84
42) 1,2-Dichloroethane	8.246	62	35556	21.424	ug/l	91
43) Isopropyl Acetate	8.283	43	32767	18.402	ug/l #	84
44) Trichloroethene	8.953	130	41359	22.467	ug/l	94
45) 1,2-Dichloropropane	9.228	63	32005	20.805	ug/l	92
46) Dibromomethane	9.313	93	18408	22.082	ug/l	98
47) Bromodichloromethane	9.508	83	47451	22.141	ug/l	99
48) Methyl methacrylate	9.301	41	17695	17.981	ug/l #	76
49) 1,4-Dioxane	9.313	88	3589	405.537	ug/l #	38
51) 4-Methyl-2-Pentanone	10.081	43	84658	94.021	ug/l #	84
52) Toluene	10.252	92	88383	21.828	ug/l	94
53) t-1,3-Dichloropropene	10.477	75	44733	21.531	ug/l	100
54) cis-1,3-Dichloropropene	9.941	75	52975	21.348	ug/l #	84
55) 1,1,2-Trichloroethane	10.654	97	26167	22.774	ug/l	95
56) Ethyl methacrylate	10.520	69	22693	20.923	ug/l #	76
57) 1,3-Dichloropropane	10.800	76	42796	21.851	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	71647	97.422	ug/l	90
59) 2-Hexanone	10.843	43	73362	109.536	ug/l	82
60) Dibromochloromethane	10.996	129	34483	23.997	ug/l	98
61) 1,2-Dibromoethane	11.099	107	25278	23.093	ug/l	99
64) Tetrachloroethene	10.733	164	42583	23.185	ug/l	97
65) Chlorobenzene	11.526	112	96714	22.130	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.599	131	37896	23.510	ug/l	98
67) Ethyl Benzene	11.605	91	168001	21.390	ug/l	96
68) m/p-Xylenes	11.709	106	130951	43.957	ug/l	92
69) o-Xylene	12.038	106	61629	22.282	ug/l	95
70) Styrene	12.056	104	88512	22.349	ug/l	97
71) Bromoform	12.215	173	20026	23.943	ug/l #	99
73) Isopropylbenzene	12.337	105	168271	20.448	ug/l	99
74) N-amyl acetate	12.154	43	26347	15.939	ug/l #	79
75) 1,1,2,2-Tetrachloroethane	12.593	83	26892	20.365	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	18406m	18.880	ug/l	
77) Bromobenzene	12.617	156	39648	21.317	ug/l	88
78) n-propylbenzene	12.678	91	193509	19.897	ug/l	97
79) 2-Chlorotoluene	12.770	91	108023	20.155	ug/l	96
80) 1,3,5-Trimethylbenzene	12.825	105	137337	20.699	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.386	75	8702	19.375	ug/l	88
82) 4-Chlorotoluene	12.867	91	112551	20.323	ug/l	97
83) tert-Butylbenzene	13.087	119	121509	20.792	ug/l	96
84) 1,2,4-Trimethylbenzene	13.129	105	136100	20.832	ug/l	98
85) sec-Butylbenzene	13.263	105	170748	20.451	ug/l	98
86) p-Isopropyltoluene	13.379	119	147772	20.555	ug/l	98
87) 1,3-Dichlorobenzene	13.379	146	75921	21.217	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	75187	21.500	ug/l	99
89) n-Butylbenzene	13.709	91	130837	19.707	ug/l	96
90) Hexachloroethane	13.971	117	28533	20.574	ug/l	96
91) 1,2-Dichlorobenzene	13.751	146	66334	21.634	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	3957	18.834	ug/l	83
93) 1,2,4-Trichlorobenzene	15.019	180	37327	20.856	ug/l	97
94) Hexachlorobutadiene	15.123	225	23095	22.523	ug/l	98
95) Naphthalene	15.245	128	64332	20.097	ug/l	98
96) 1,2,3-Trichlorobenzene	15.434	180	30429	20.555	ug/l	98

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

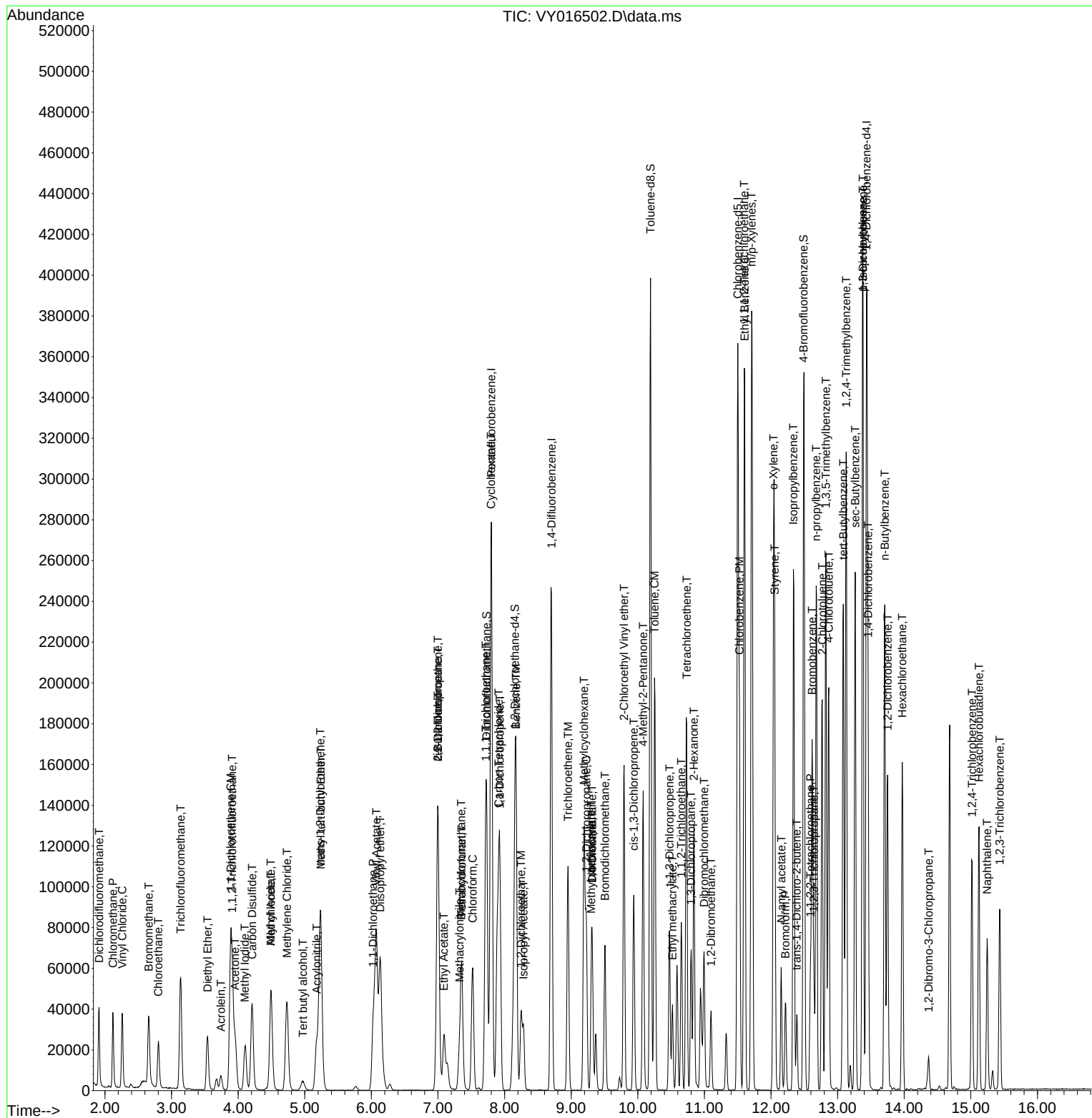
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 Sample : VY1127SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
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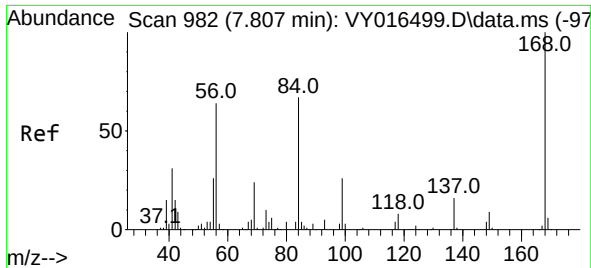
Instrument :
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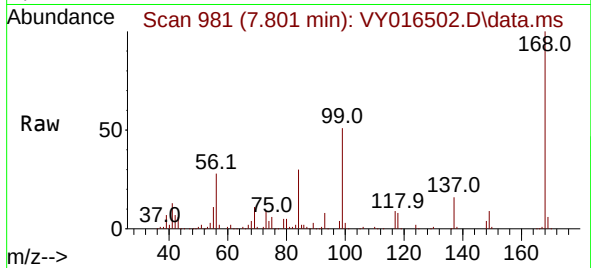
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016502.D
Acq: 27 Nov 2023 11:58

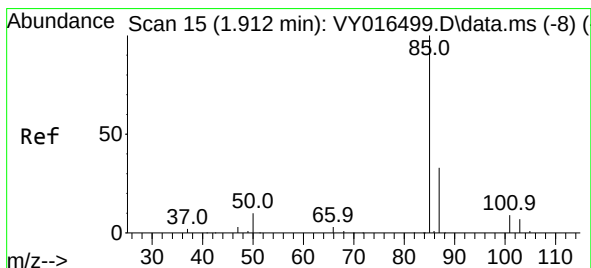
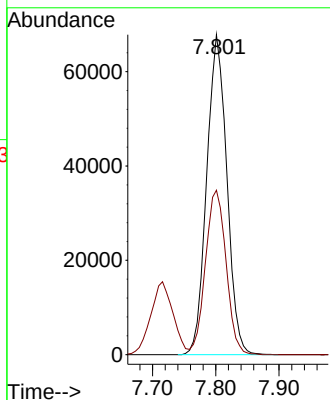
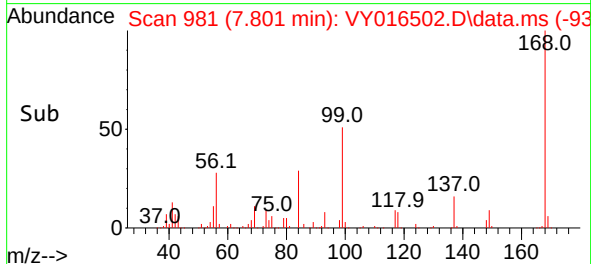
Instrument :
MSVOA_Y
ClientSampleId :
VY1127SBSD01



Tgt Ion:168 Resp: 150000
Ion Ratio Lower Upper
168 100
99 51.4 43.4 65.0

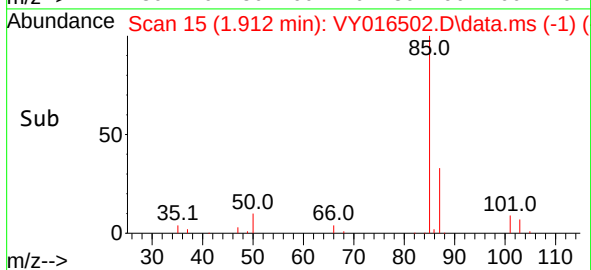
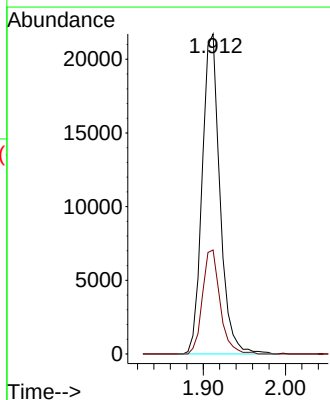
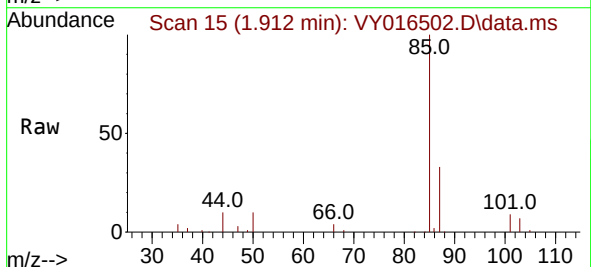
Manual Integrations
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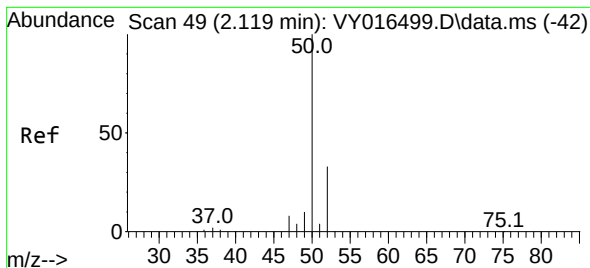
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#2
Dichlorodifluoromethane
Concen: 22.161 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY016502.D
Acq: 27 Nov 2023 11:58

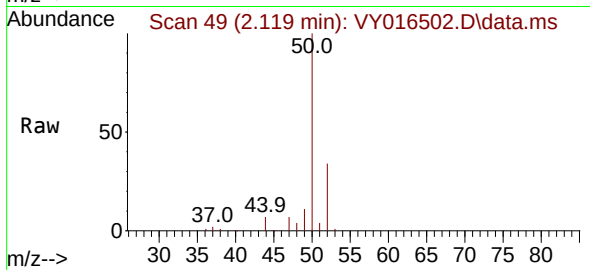
Tgt Ion: 85 Resp: 32550
Ion Ratio Lower Upper
85 100
87 32.5 15.6 46.8





#3
Chloromethane
Concen: 19.059 ug/l
RT: 2.119 min Scan# 49
Delta R.T. -0.000 min
Lab File: VY016502.D
Acq: 27 Nov 2023 11:58

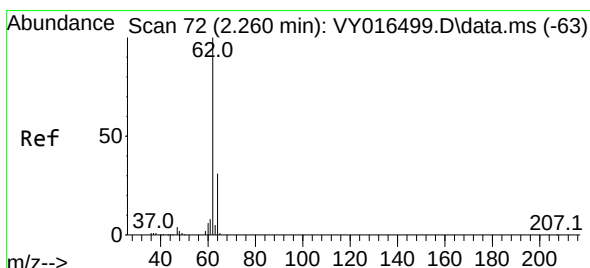
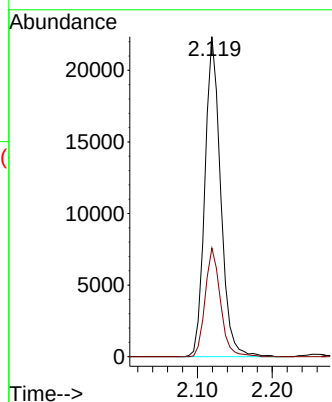
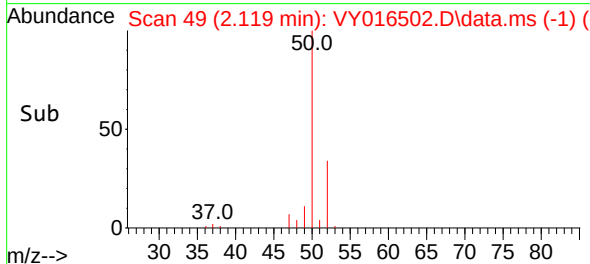
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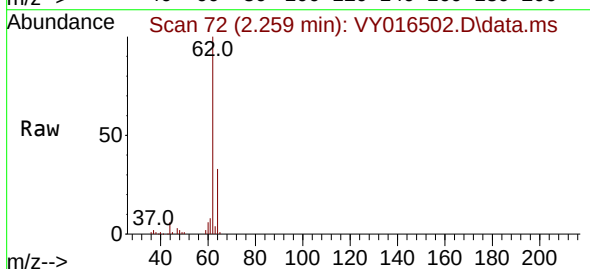
Tgt Ion: 50 Resp: 32780
Ion Ratio Lower Upper
50 100
52 33.9 25.4 38.2

Manual Integrations
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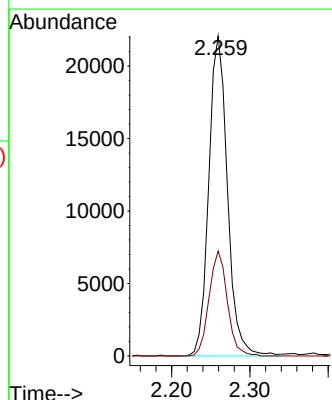
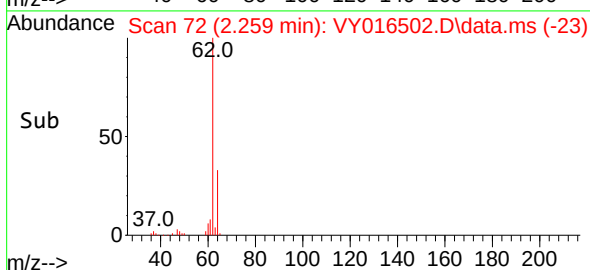
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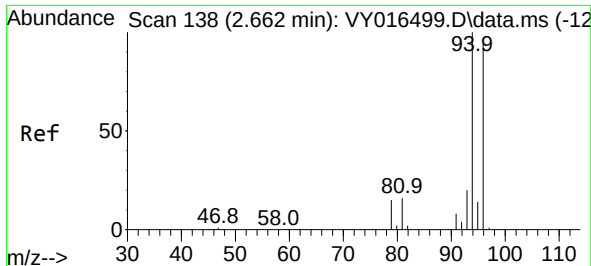


#4
Vinyl Chloride
Concen: 19.753 ug/l
RT: 2.259 min Scan# 72
Delta R.T. -0.000 min
Lab File: VY016502.D
Acq: 27 Nov 2023 11:58



Tgt Ion: 62 Resp: 36538
Ion Ratio Lower Upper
62 100
64 32.8 24.3 36.5





#5

Bromomethane

Concen: 19.646 ug/l

RT: 2.656 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016502.D

Acq: 27 Nov 2023 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VY1127SBS01

Tgt Ion: 94 Resp: 2388

Ion Ratio Lower Upper

94 100

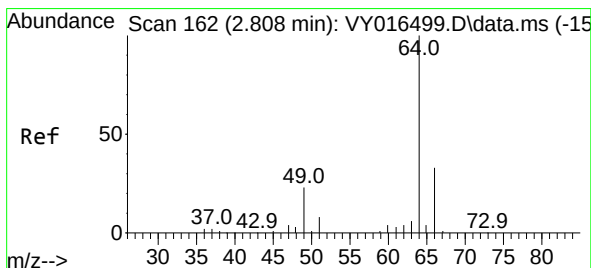
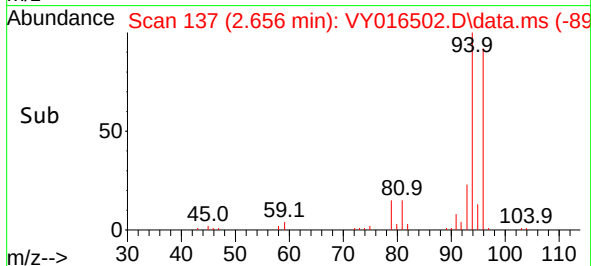
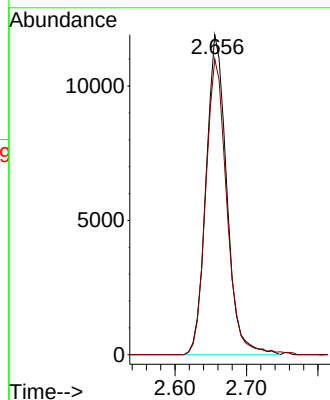
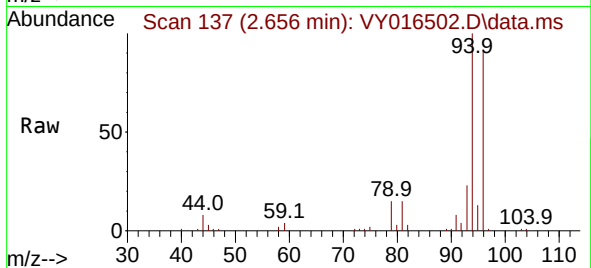
96 92.4 75.8 113.6

Manual Integrations

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#6

Chloroethane

Concen: 19.397 ug/l

RT: 2.802 min Scan# 161

Delta R.T. -0.000 min

Lab File: VY016502.D

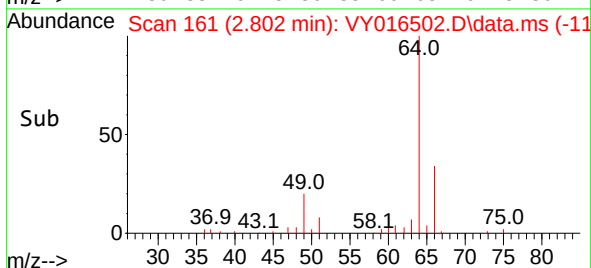
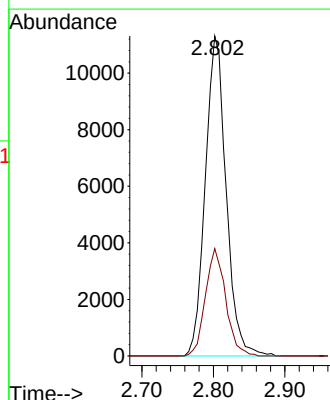
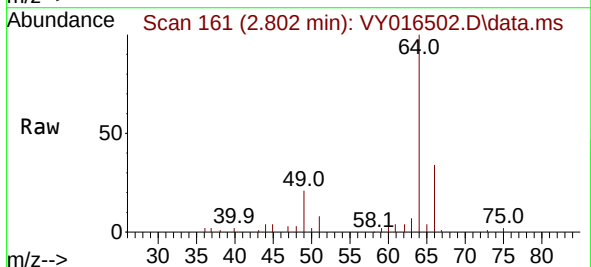
Acq: 27 Nov 2023 11:58

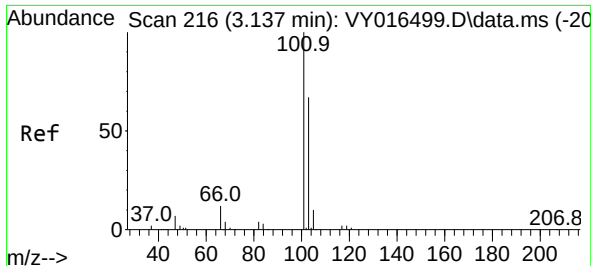
Tgt Ion: 64 Resp: 22895

Ion Ratio Lower Upper

64 100

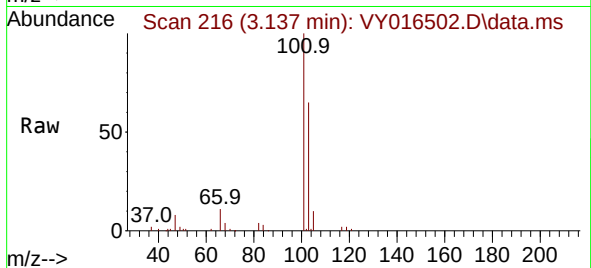
66 33.6 24.4 36.6





#7
 Trichlorofluoromethane
 Concen: 22.210 ug/l
 RT: 3.137 min Scan# 216
 Delta R.T. -0.000 min
 Lab File: VY016502.D
 Acq: 27 Nov 2023 11:58

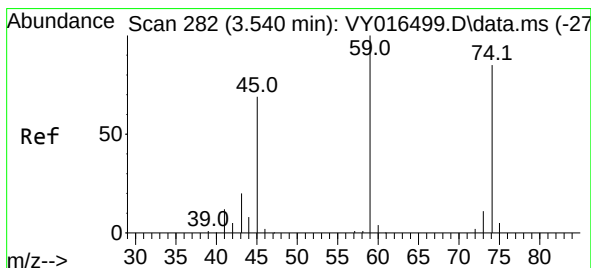
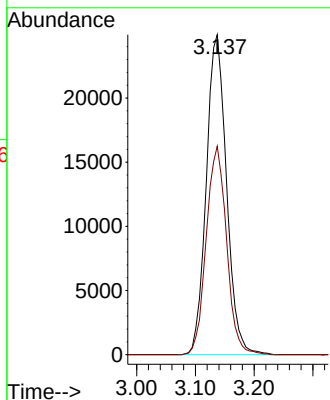
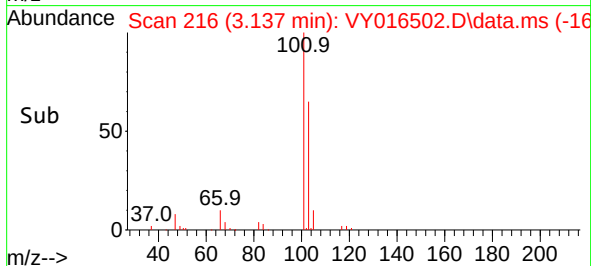
Instrument :
 MSVOA_Y
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Tgt Ion:101 Resp: 59770
 Ion Ratio Lower Upper
 101 100
 103 65.1 51.4 77.0

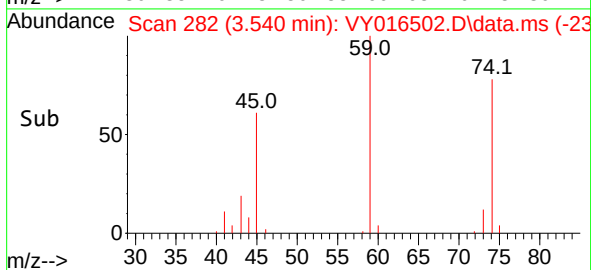
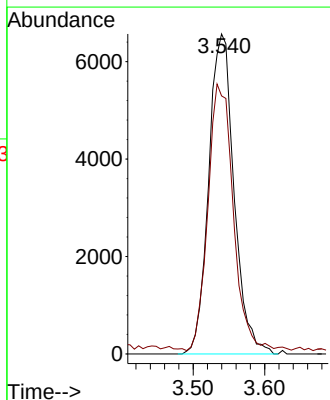
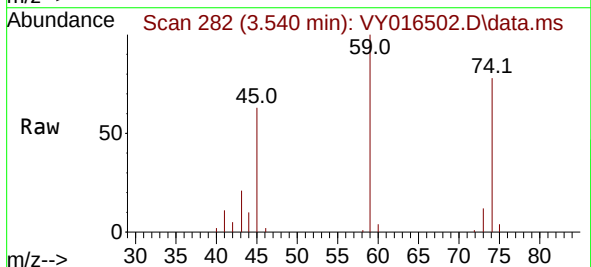
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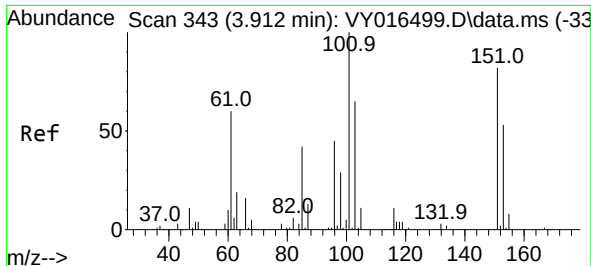
Reviewed By :John Carlone 11/28/2023
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#8
 Diethyl Ether
 Concen: 20.094 ug/l
 RT: 3.540 min Scan# 282
 Delta R.T. -0.000 min
 Lab File: VY016502.D
 Acq: 27 Nov 2023 11:58

Tgt Ion: 74 Resp: 16162
 Ion Ratio Lower Upper
 74 100
 45 83.5 51.5 154.5





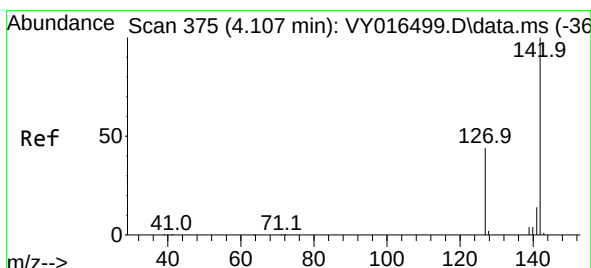
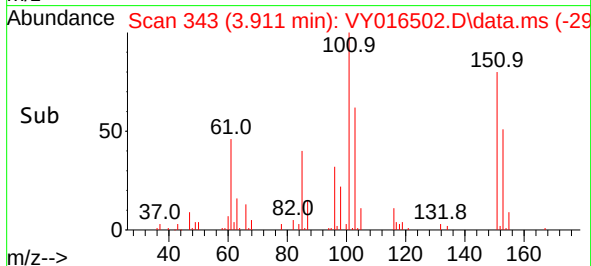
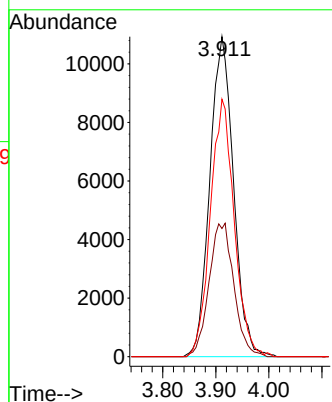
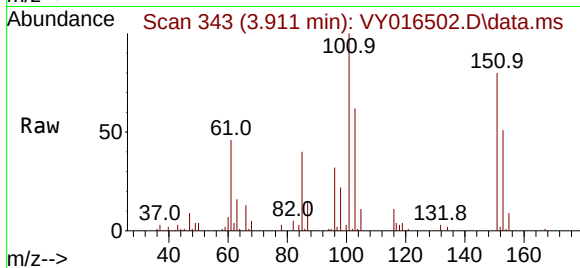
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.934 ug/l
RT: 3.911 min Scan# 343
Delta R.T. -0.000 min
Lab File: VY016502.D
Acq: 27 Nov 2023 11:58

Instrument :
MSVOA_Y
ClientSampleId :
VY1127SBSD01

Tgt Ion:101 Resp: 3393
Ion Ratio Lower Upper
101 100
85 43.8 36.6 55.0
151 81.0 67.0 100.6

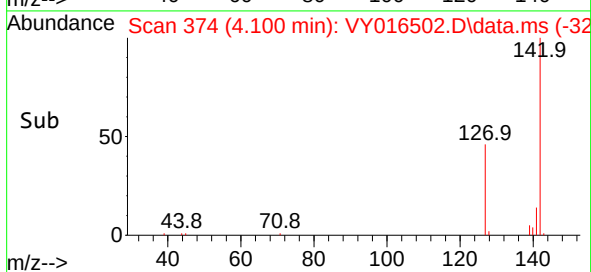
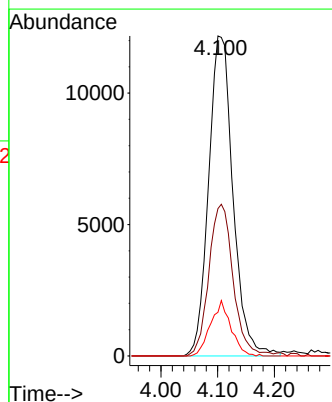
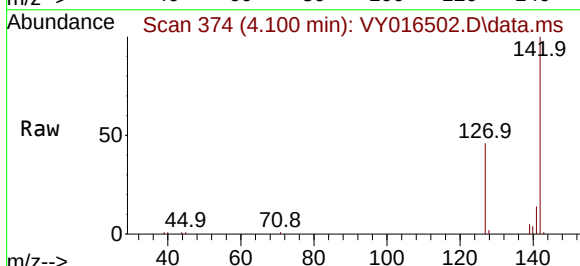
Manual Integrations
APPROVED

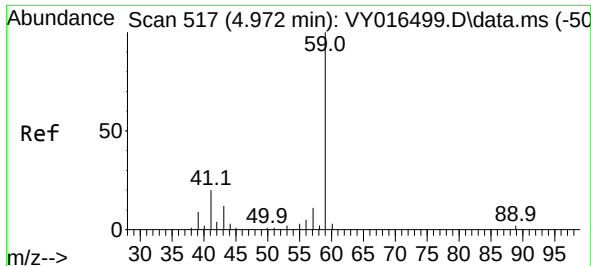
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#10
Methyl Iodide
Concen: 20.773 ug/l
RT: 4.100 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY016502.D
Acq: 27 Nov 2023 11:58

Tgt Ion:142 Resp: 36365
Ion Ratio Lower Upper
142 100
127 47.1 37.6 56.4
141 14.5 11.8 17.8





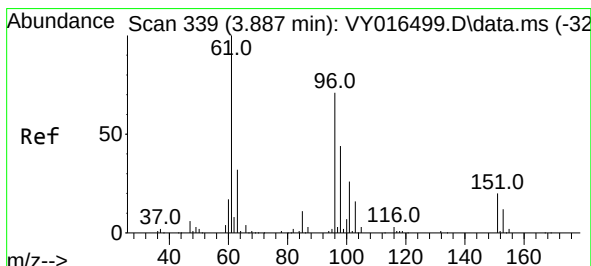
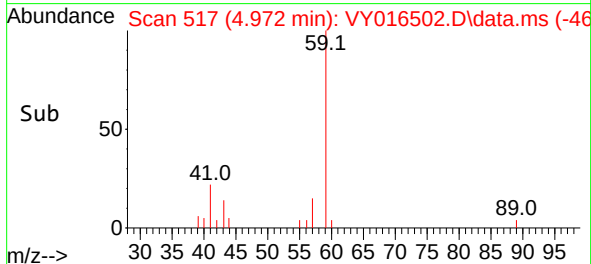
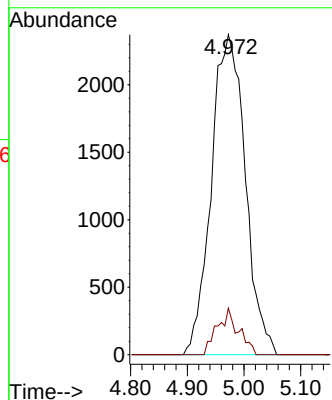
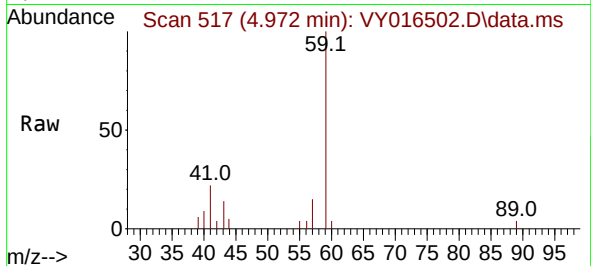
#11
Tert butyl alcohol
Concen: 91.794 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.000 min
Lab File: VY016502.D
Acq: 27 Nov 2023 11:58

Instrument :
MSVOA_Y
ClientSampleId :
VY1127SBSD01

Tgt Ion: 59 Resp: 985
Ion Ratio Lower Upper
59 100
57 9.1 3.0 4.4

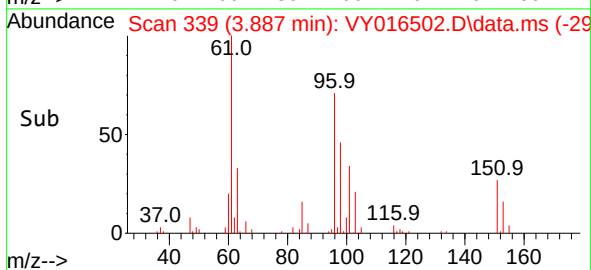
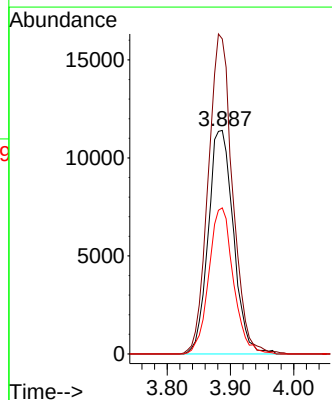
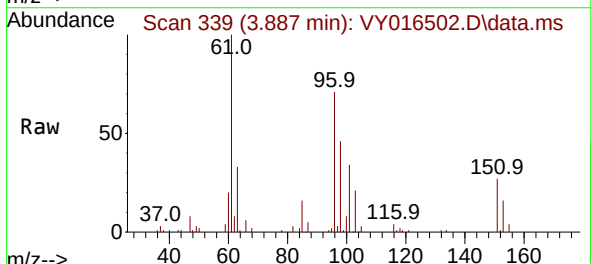
Manual Integrations
APPROVED

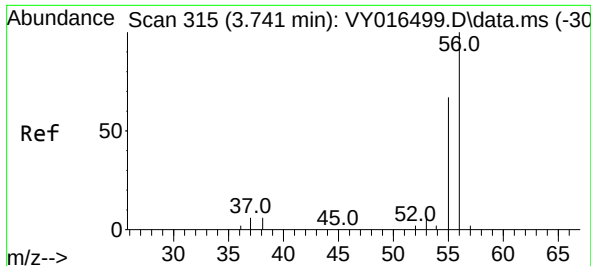
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#12
1,1-Dichloroethene
Concen: 20.799 ug/l
RT: 3.887 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY016502.D
Acq: 27 Nov 2023 11:58

Tgt Ion: 96 Resp: 31529
Ion Ratio Lower Upper
96 100
61 140.9 136.4 204.6
98 65.4 49.4 74.2





#13

Acrolein

Concen: 71.146 ug/l

RT: 3.741 min Scan# 315

Delta R.T. -0.000 min

Lab File: VY016502.D

Acq: 27 Nov 2023 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VY1127SBSD01

Tgt Ion: 56 Resp: 921

Ion Ratio Lower Upper

56 100

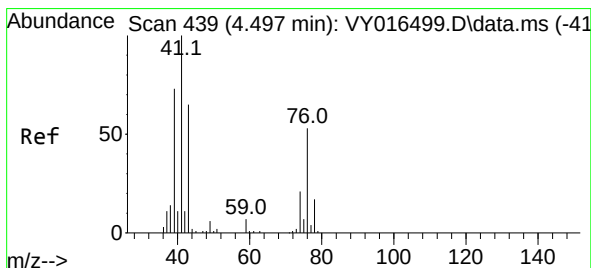
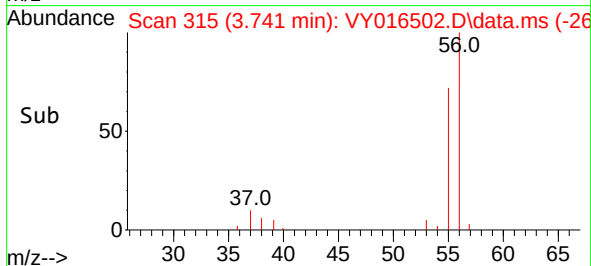
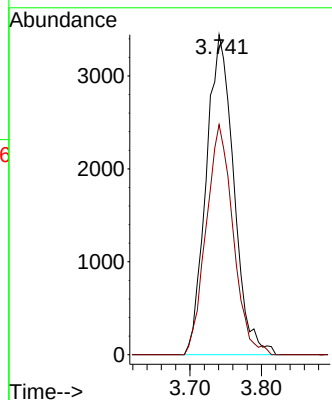
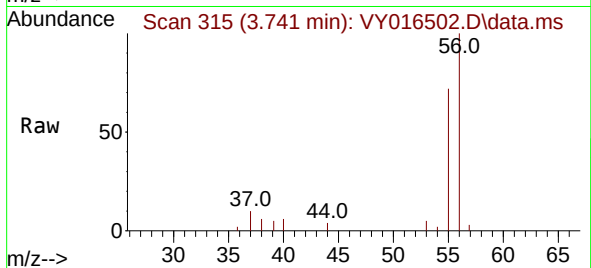
55 70.4 57.0 85.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/28/2023

Supervised By :Mahesh Dadoda 11/28/2023



#14

Allyl chloride

Concen: 17.528 ug/l

RT: 4.491 min Scan# 438

Delta R.T. -0.006 min

Lab File: VY016502.D

Acq: 27 Nov 2023 11:58

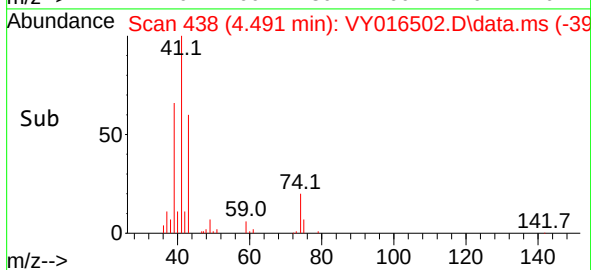
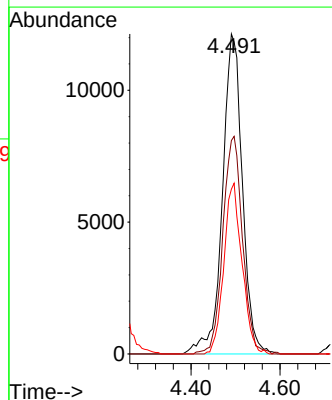
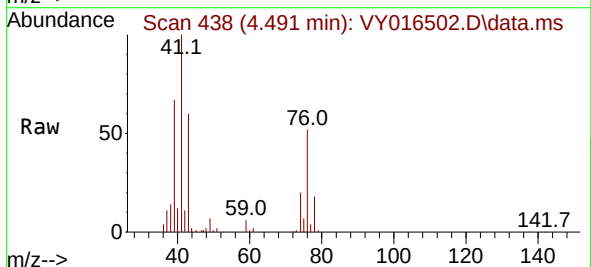
Tgt Ion: 41 Resp: 37704

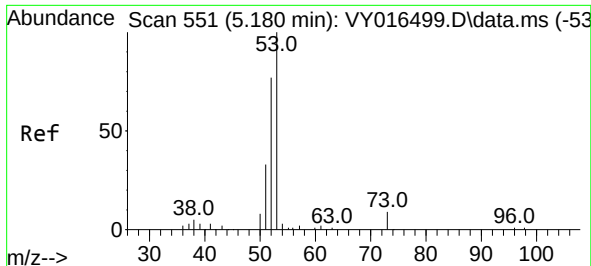
Ion Ratio Lower Upper

41 100

39 67.1 58.0 87.0

76 48.7 27.4 41.2#





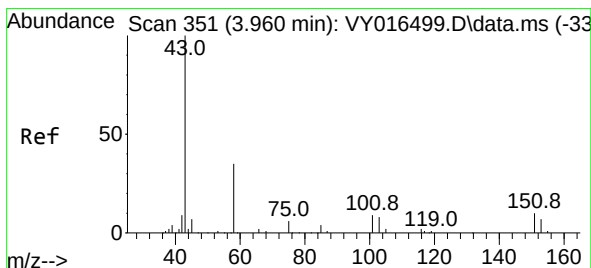
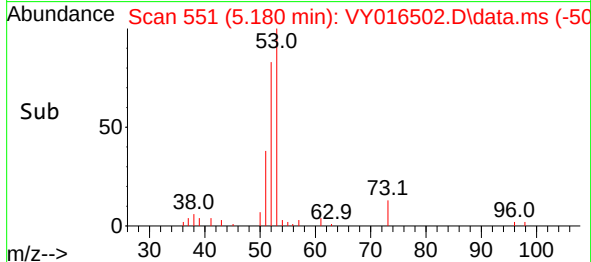
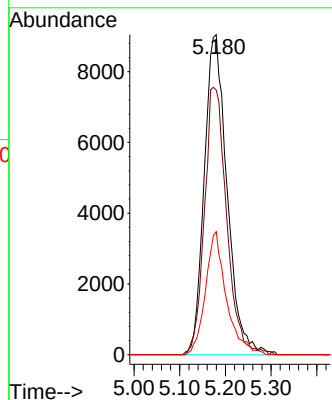
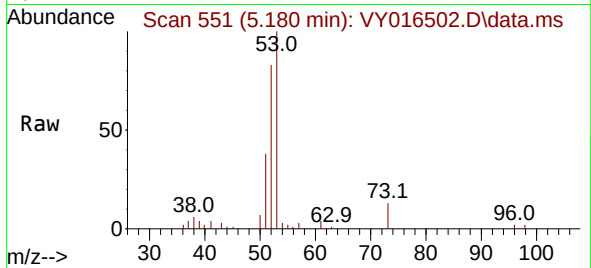
#15
Acrylonitrile
Concen: 98.383 ug/l
RT: 5.180 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY016502.D
Acq: 27 Nov 2023 11:58

Instrument :
MSVOA_Y
ClientSampleId :
VY1127SBSD01

Tgt Ion: 53 Resp: 3140
Ion Ratio Lower Upper
53 100
52 81.1 66.9 100.3
51 35.3 29.8 44.6

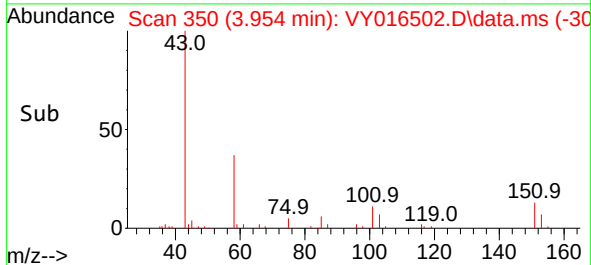
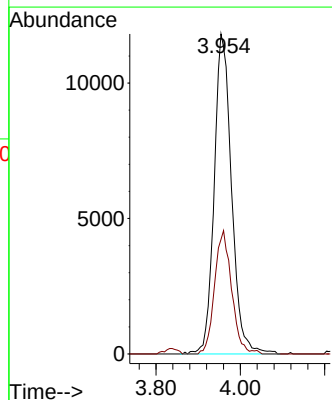
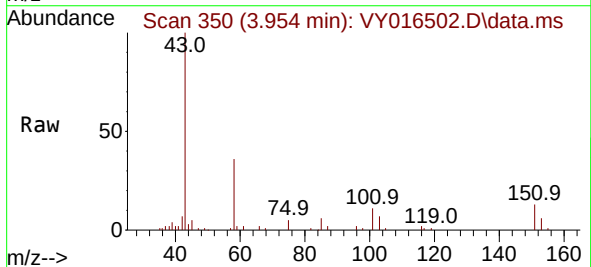
Manual Integrations
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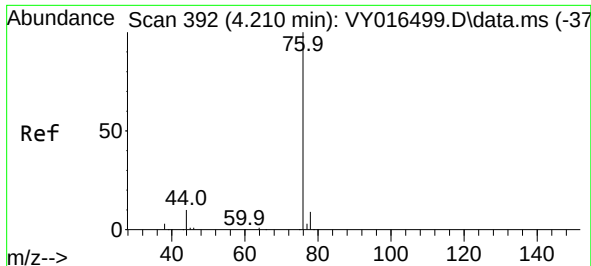
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#16
Acetone
Concen: 148.982 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY016502.D
Acq: 27 Nov 2023 11:58

Tgt Ion: 43 Resp: 33786
Ion Ratio Lower Upper
43 100
58 35.8 22.7 34.1#





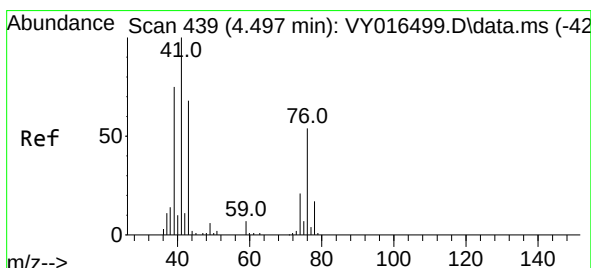
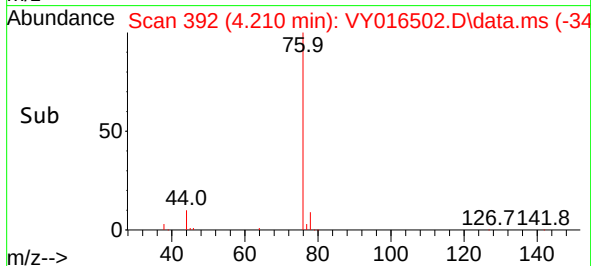
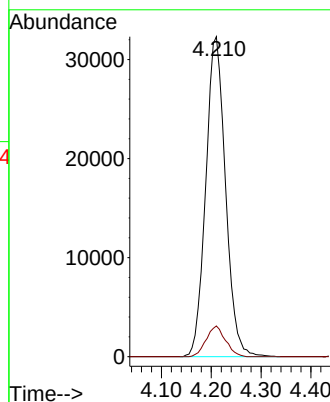
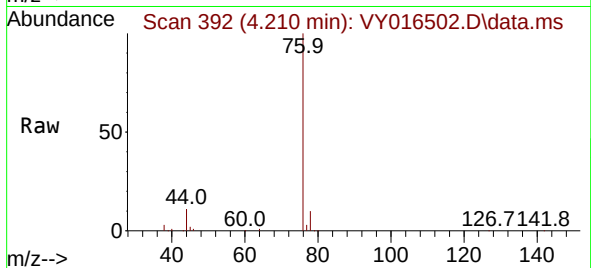
#17
Carbon Disulfide
Concen: 19.442 ug/l
RT: 4.210 min Scan# 392
Delta R.T. -0.000 min
Lab File: VY016502.D
Acq: 27 Nov 2023 11:58

Instrument :
MSVOA_Y
ClientSampleId :
VY1127SBSD01

Tgt Ion: 76 Resp: 8892
Ion Ratio Lower Upper
76 100
78 9.6 7.0 10.4

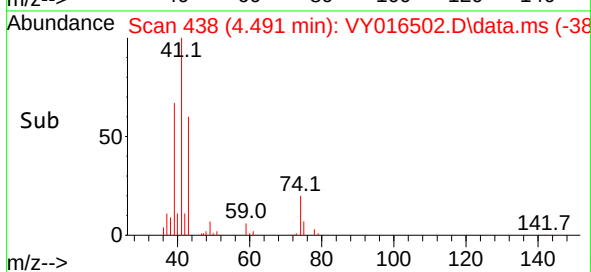
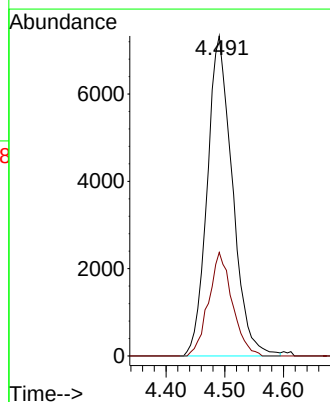
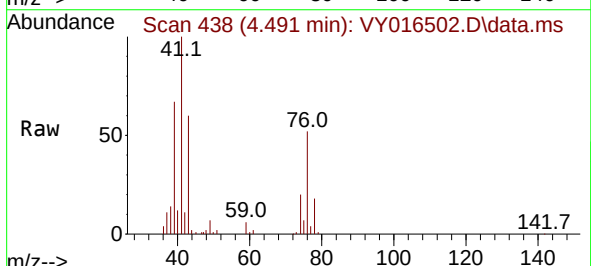
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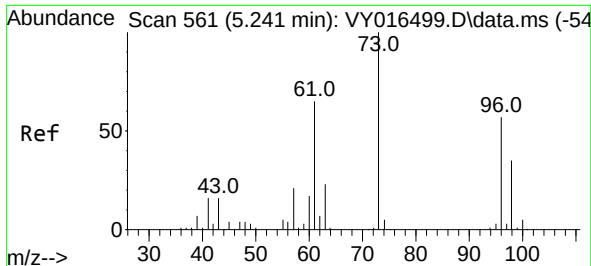
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#18
Methyl Acetate
Concen: 18.087 ug/l
RT: 4.491 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY016502.D
Acq: 27 Nov 2023 11:58

Tgt Ion: 43 Resp: 21795
Ion Ratio Lower Upper
43 100
74 30.5 17.4 26.0#





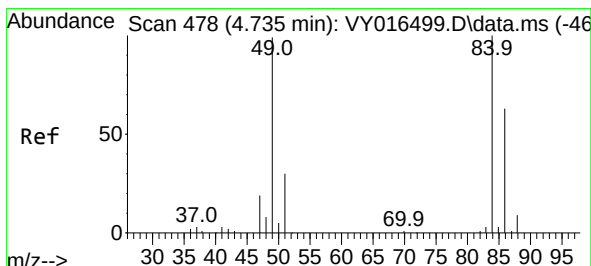
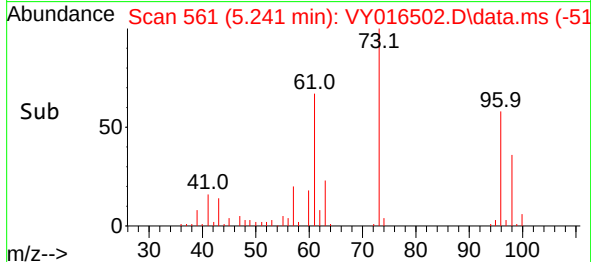
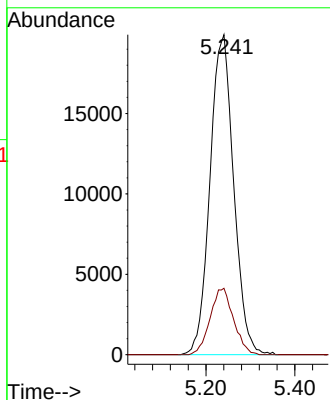
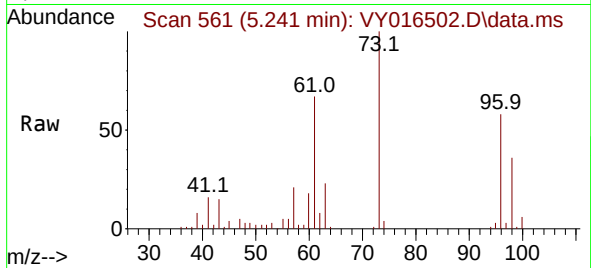
#19
Methyl tert-butyl Ether
Concen: 20.064 ug/l
RT: 5.241 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY016502.D
Acq: 27 Nov 2023 11:58

Instrument :
MSVOA_Y
ClientSampleId :
VY1127SBSD01

Tgt Ion: 73 Resp: 7361
Ion Ratio Lower Upper
73 100
57 20.8 17.3 25.9

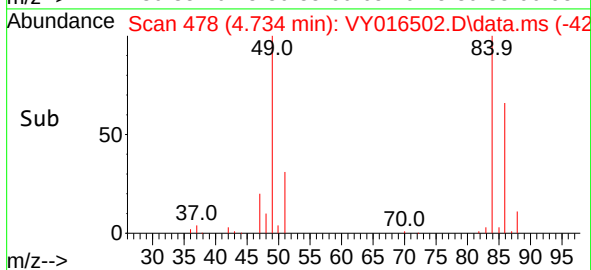
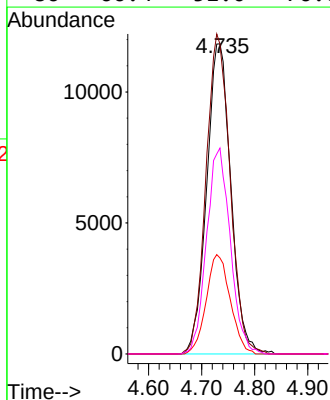
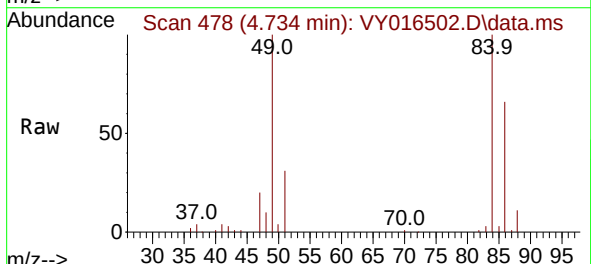
Manual Integrations
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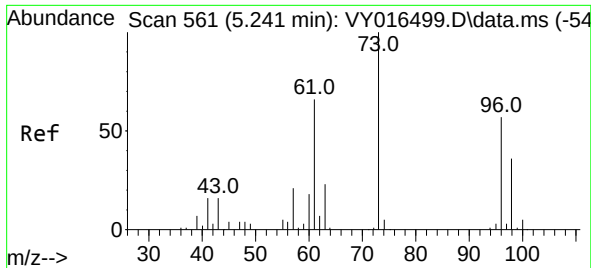
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#20
Methylene Chloride
Concen: 21.444 ug/l
RT: 4.734 min Scan# 478
Delta R.T. 0.005 min
Lab File: VY016502.D
Acq: 27 Nov 2023 11:58

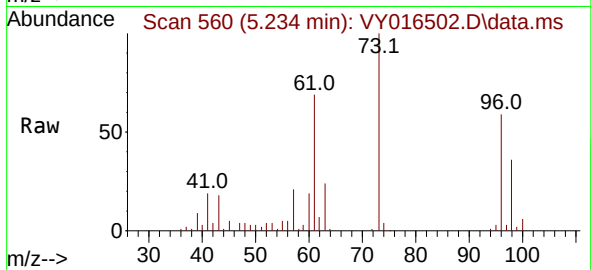
Tgt Ion: 84 Resp: 37539
Ion Ratio Lower Upper
84 100
49 99.9 106.9 160.3#
51 30.9 33.2 49.8#
86 66.4 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 20.643 ug/l
RT: 5.234 min Scan# 501
Delta R.T. -0.000 min
Lab File: VY016502.D
Acq: 27 Nov 2023 11:58

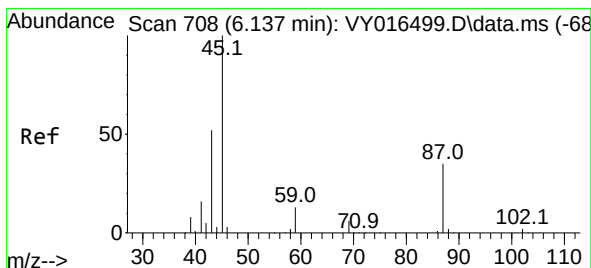
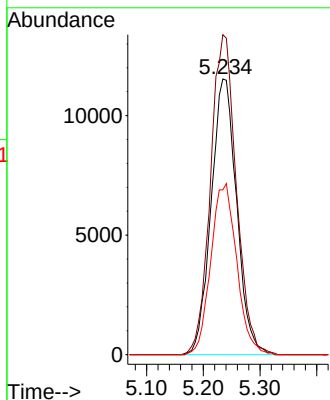
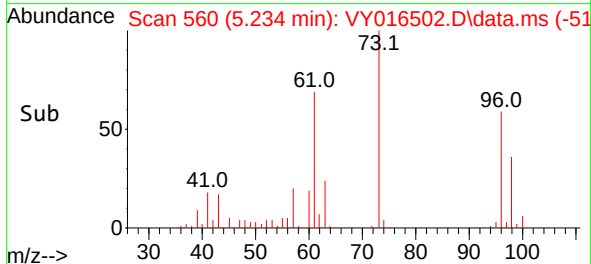
Instrument :
MSVOA_Y
ClientSampleId :
VY1127SBSD01



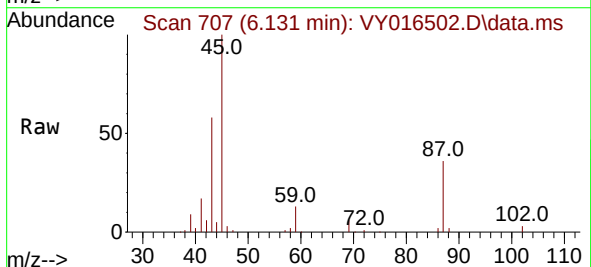
Tgt Ion: 96 Resp: 36029
Ion Ratio Lower Upper
96 100
61 116.1 110.2 165.4
98 59.8 51.8 77.6

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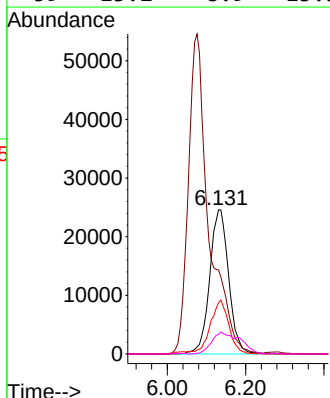
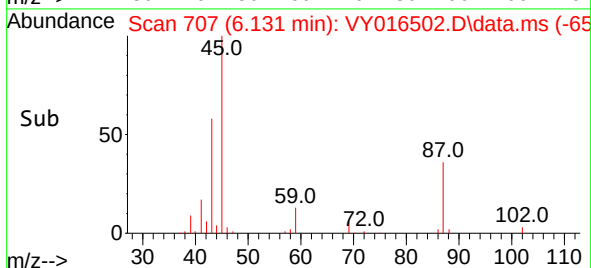
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023

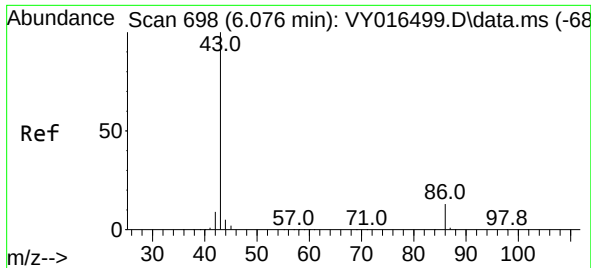


#22
Diisopropyl ether
Concen: 17.807 ug/l
RT: 6.131 min Scan# 707
Delta R.T. -0.006 min
Lab File: VY016502.D
Acq: 27 Nov 2023 11:58



Tgt Ion: 45 Resp: 82550
Ion Ratio Lower Upper
45 100
43 56.7 52.2 78.4
87 35.5 21.0 31.6#
59 13.2 8.9 13.3





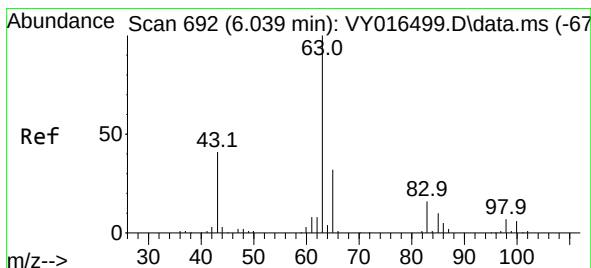
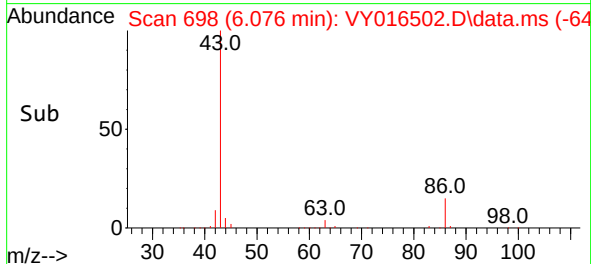
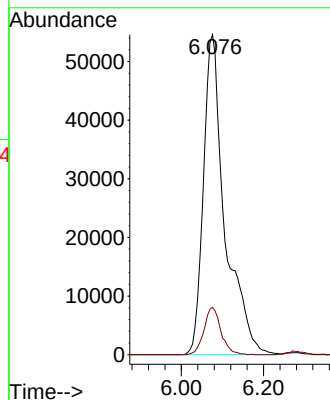
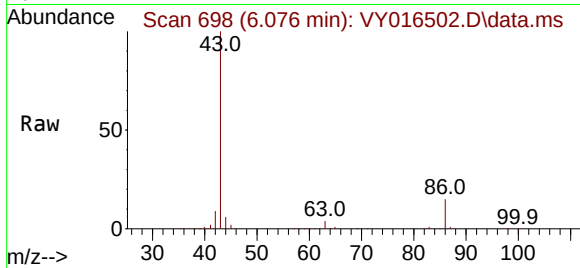
#23
 Vinyl Acetate
 Concen: 88.068 ug/l
 RT: 6.076 min Scan# 698
 Delta R.T. -0.000 min
 Lab File: VY016502.D
 Acq: 27 Nov 2023 11:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1127SBSD01

Tgt Ion: 43 Resp: 19782
 Ion Ratio Lower Upper
 43 100
 86 14.8 7.5 11.3

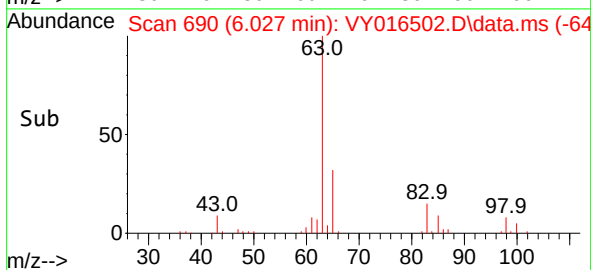
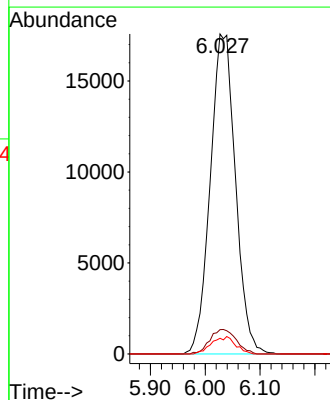
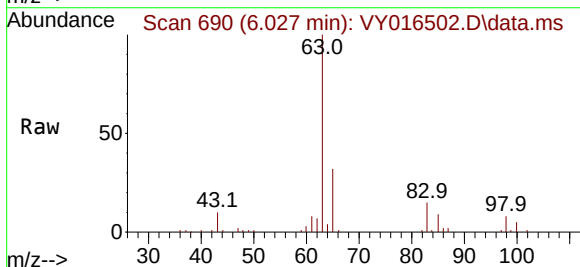
Manual Integrations
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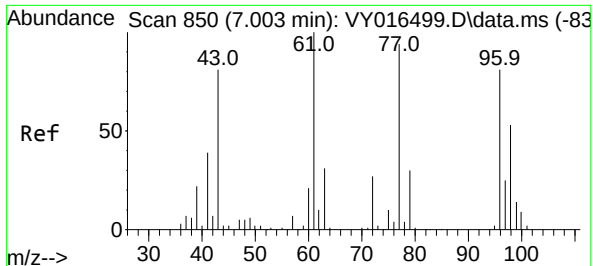
Reviewed By :John Carlone 11/28/2023
 Supervised By :Mahesh Dadoda 11/28/2023



#24
 1,1-Dichloroethane
 Concen: 19.658 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. -0.012 min
 Lab File: VY016502.D
 Acq: 27 Nov 2023 11:58

Tgt Ion: 63 Resp: 56221
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.1 9.4
 100 4.9 1.8 5.5





#25

2-Butanone

Concen: 118.064 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY016502.D

Acq: 27 Nov 2023 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VY1127SBSD01

Tgt Ion: 43 Resp: 4689

Ion Ratio Lower Upper

43 100

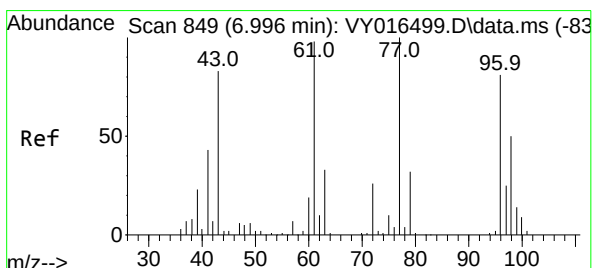
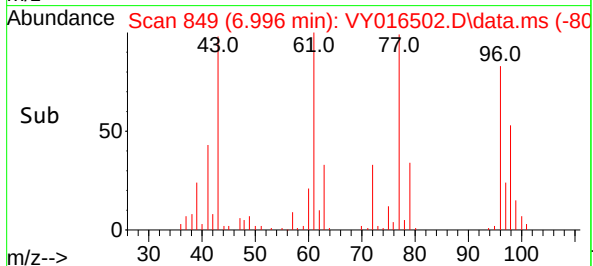
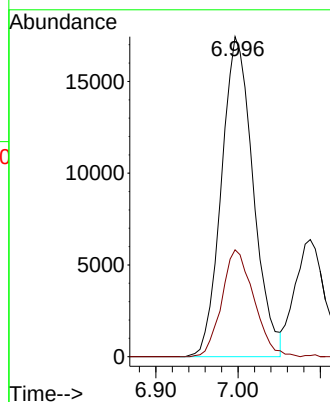
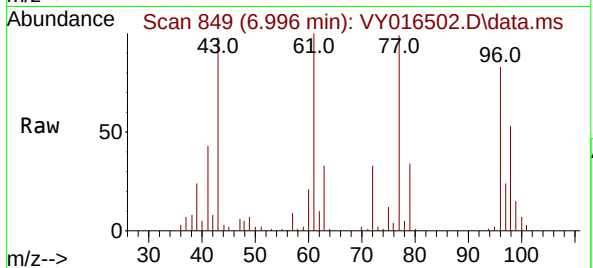
72 33.4 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/28/2023

Supervised By :Mahesh Dadoda 11/28/2023



#26

2,2-Dichloropropane

Concen: 20.537 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY016502.D

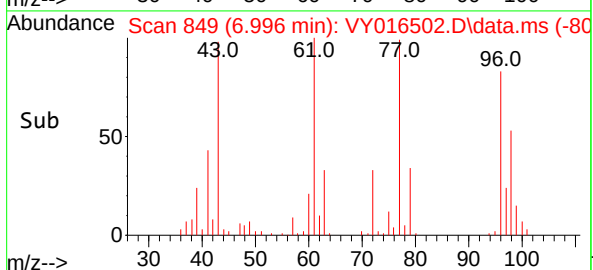
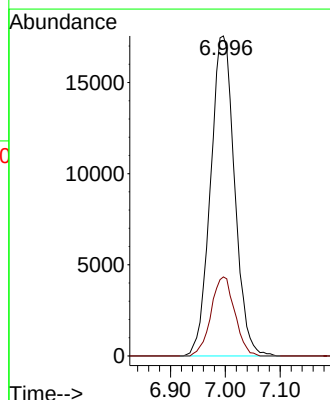
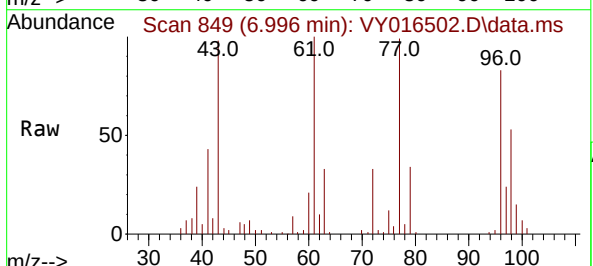
Acq: 27 Nov 2023 11:58

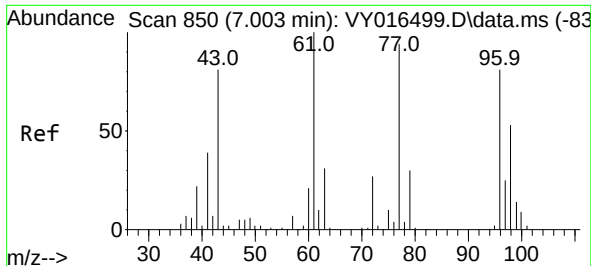
Tgt Ion: 77 Resp: 53458

Ion Ratio Lower Upper

77 100

97 24.3 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 21.050 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY016502.D

Acq: 27 Nov 2023 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VY1127SBSD01

Tgt Ion: 96 Resp: 3959

Ion Ratio Lower Upper

96 100

61 123.8 0.0 301.4

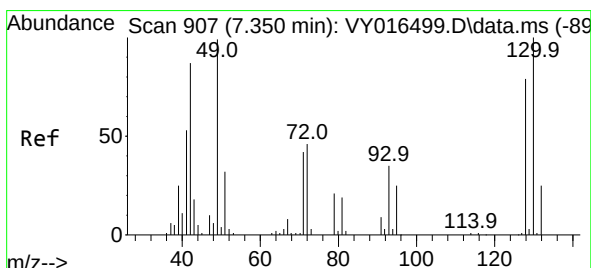
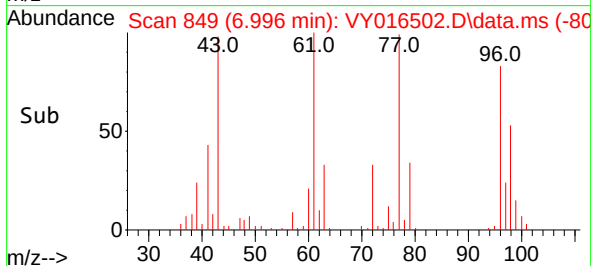
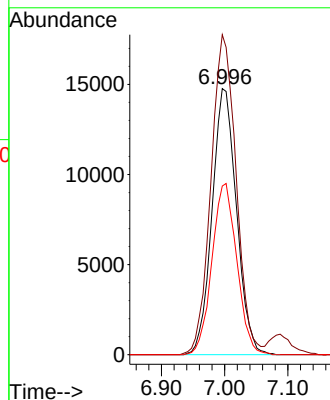
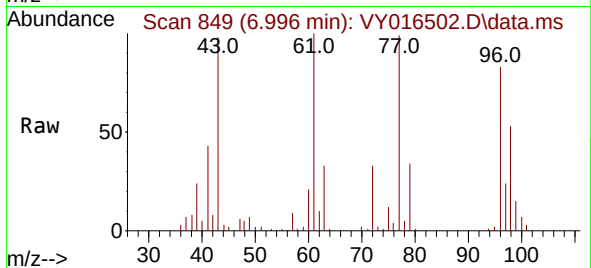
98 65.4 0.0 130.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/28/2023

Supervised By :Mahesh Dadoda 11/28/2023



#28

Bromochloromethane

Concen: 17.434 ug/l

RT: 7.350 min Scan# 907

Delta R.T. -0.000 min

Lab File: VY016502.D

Acq: 27 Nov 2023 11:58

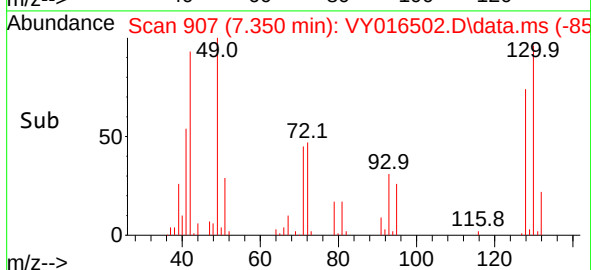
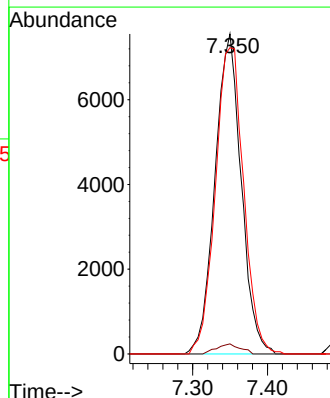
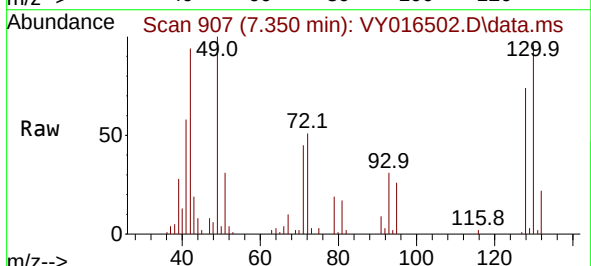
Tgt Ion: 49 Resp: 18454

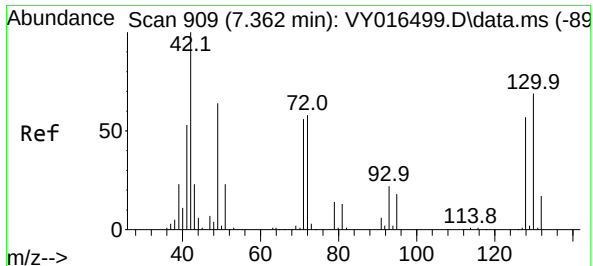
Ion Ratio Lower Upper

49 100

129 2.8 0.0 4.6

130 103.1 60.7 91.1#





#29

Tetrahydrofuran

Concen: 86.236 ug/l

RT: 7.356 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY016502.D

Acq: 27 Nov 2023 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VY1127SBSD01

Tgt Ion: 42 Resp: 2264

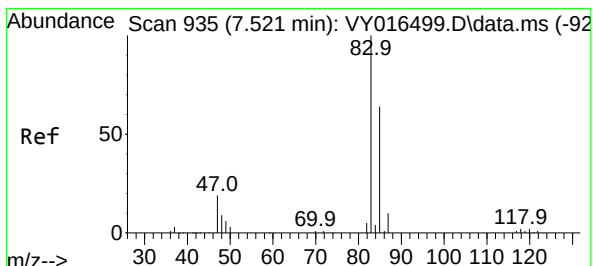
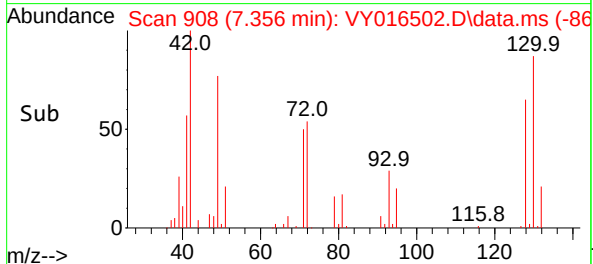
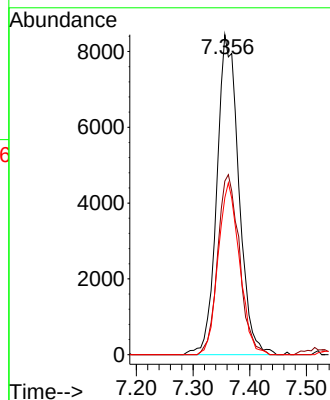
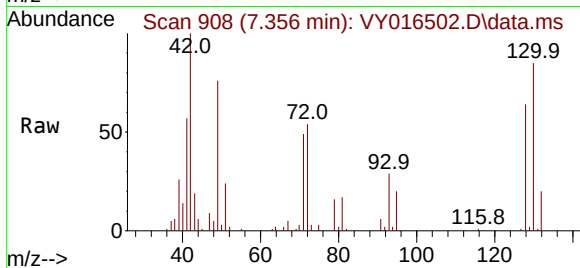
Ion	Ratio	Lower	Upper
42	100		
72	55.8	32.8	49.2
71	52.4	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/28/2023

Supervised By :Mahesh Dadoda 11/28/2023



#30

Chloroform

Concen: 21.096 ug/l

RT: 7.521 min Scan# 935

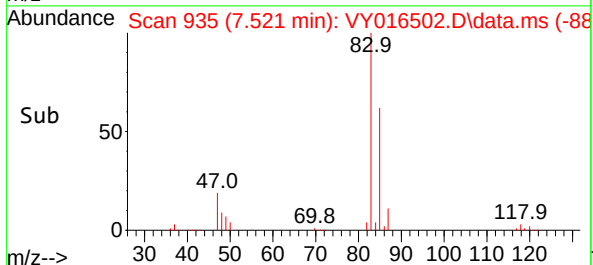
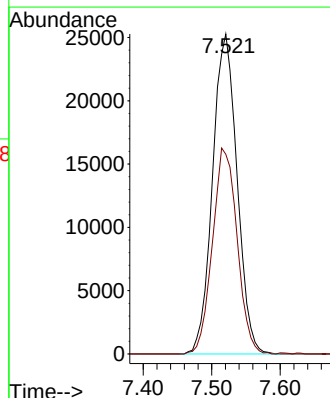
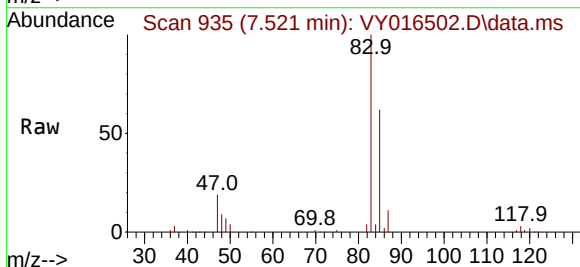
Delta R.T. -0.000 min

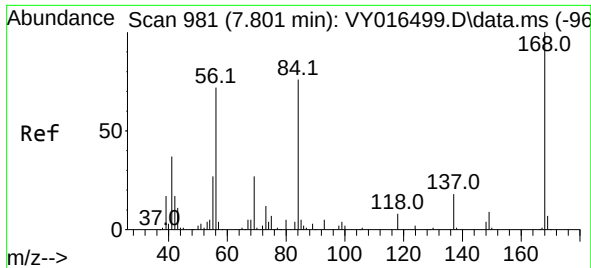
Lab File: VY016502.D

Acq: 27 Nov 2023 11:58

Tgt Ion: 83 Resp: 62802

Ion	Ratio	Lower	Upper
83	100		
85	62.4	49.7	74.5





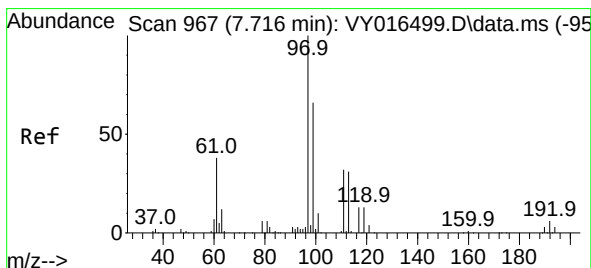
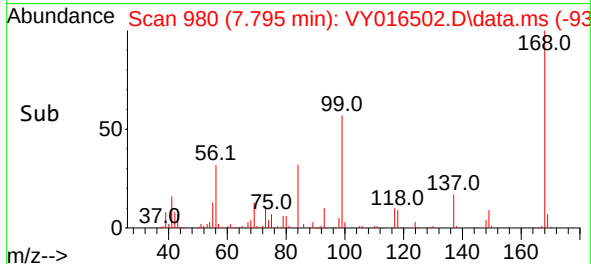
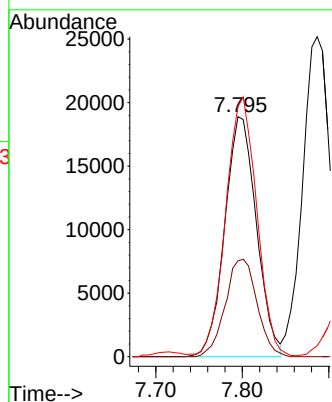
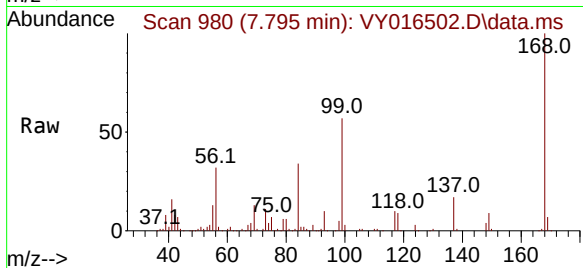
#31
Cyclohexane
Concen: 17.770 ug/l
RT: 7.795 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY016502.D
Acq: 27 Nov 2023 11:58

Instrument :
MSVOA_Y
ClientSampleId :
VY1127SBSD01

Tgt Ion: 56 Resp: 4796
Ion Ratio Lower Upper
56 100
69 39.9 27.8 41.6
84 102.9 66.4 99.6

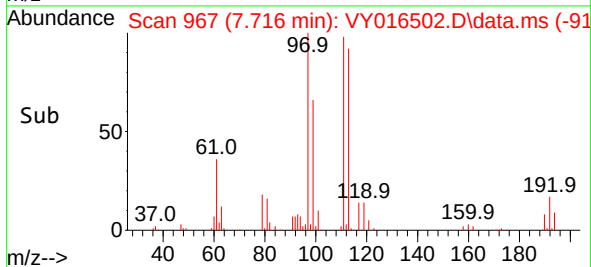
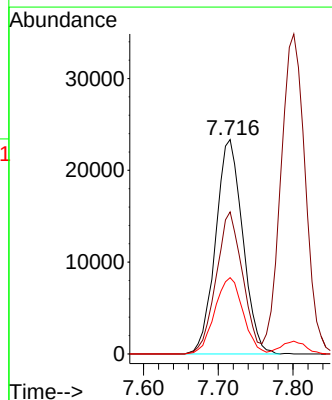
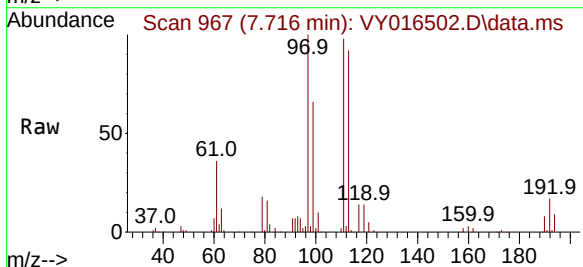
Manual Integrations
APPROVED

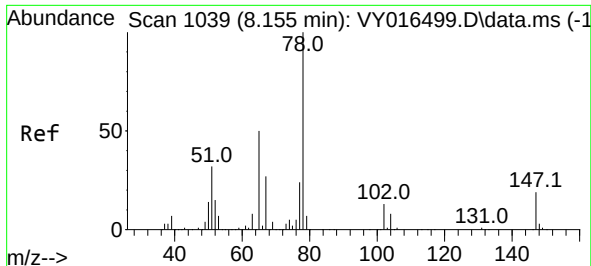
Reviewed By :John Carbone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#32
1,1,1-Trichloroethane
Concen: 21.600 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY016502.D
Acq: 27 Nov 2023 11:58

Tgt Ion: 97 Resp: 58944
Ion Ratio Lower Upper
97 100
99 64.7 50.8 76.2
61 37.1 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 48.904 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY016502.D

Acq: 27 Nov 2023 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VY1127SBSD01

Tgt Ion: 65 Resp: 6704

Ion Ratio Lower Upper

65 100

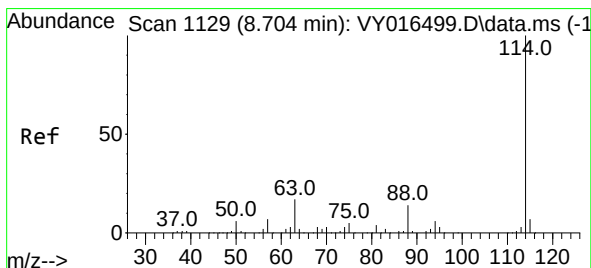
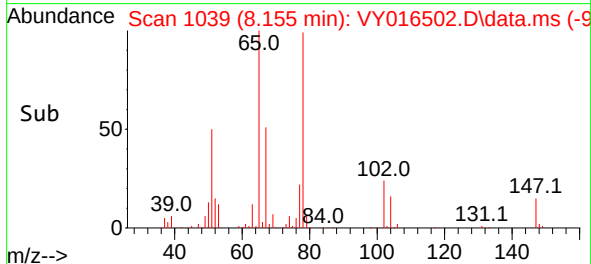
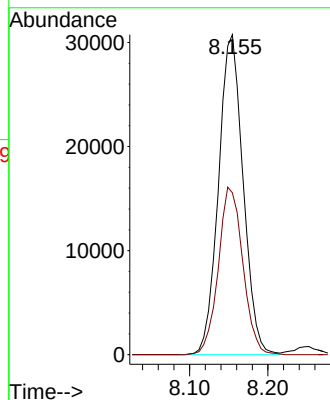
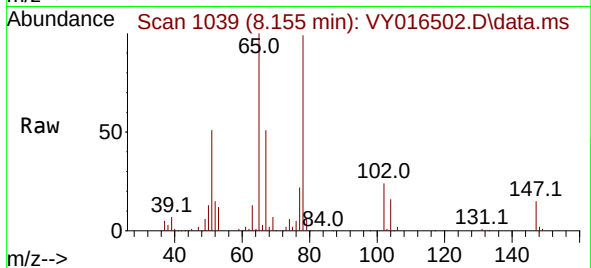
67 52.3 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/28/2023

Supervised By :Mahesh Dadoda 11/28/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VY016502.D

Acq: 27 Nov 2023 11:58

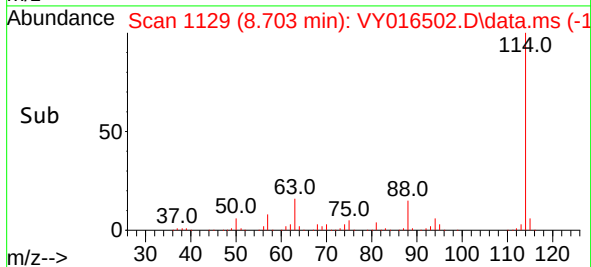
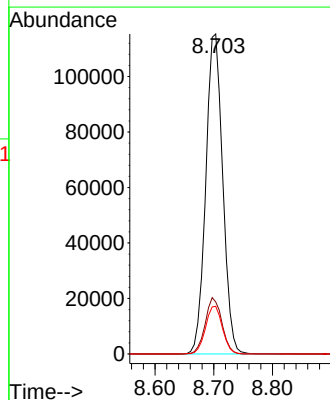
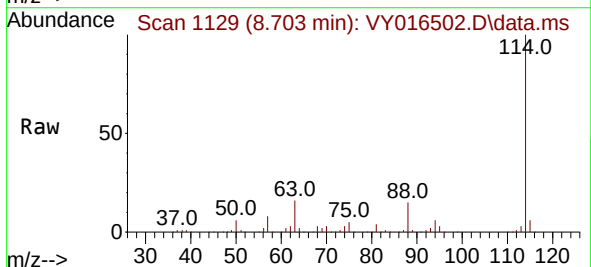
Tgt Ion:114 Resp: 231132

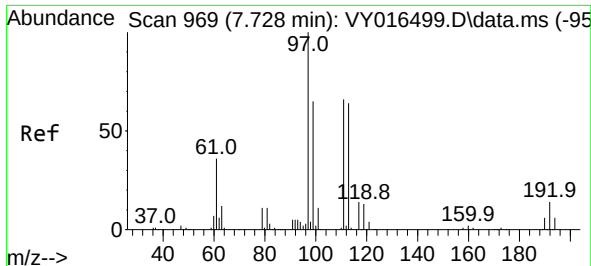
Ion Ratio Lower Upper

114 100

63 16.3 0.0 42.4

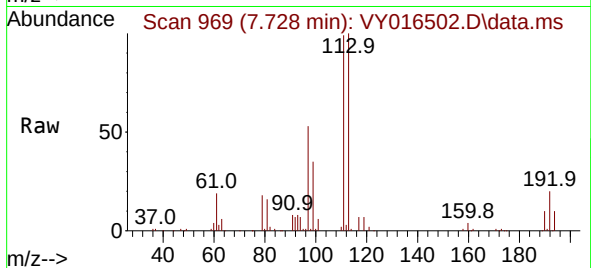
88 14.9 0.0 30.6





#35
Dibromofluoromethane
Concen: 57.039 ug/l
RT: 7.728 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY016502.D
Acq: 27 Nov 2023 11:58

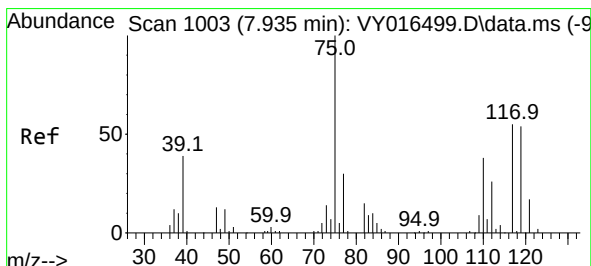
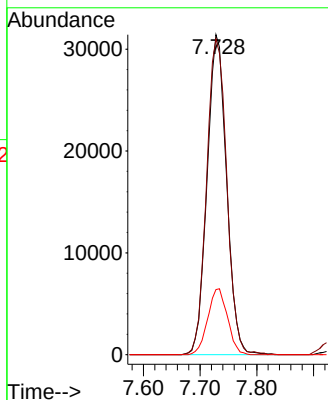
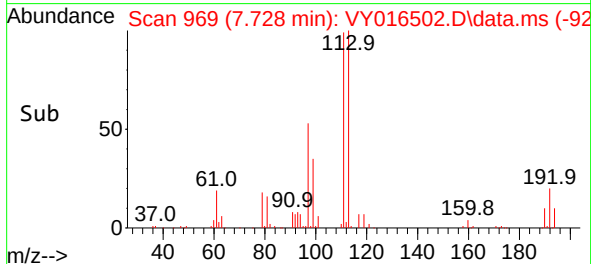
Instrument :
MSVOA_Y
ClientSampleId :
VY1127SBSD01



Tgt Ion:113 Resp: 7489
Ion Ratio Lower Upper
113 100
111 102.1 81.3 121.9
192 20.9 16.9 25.3

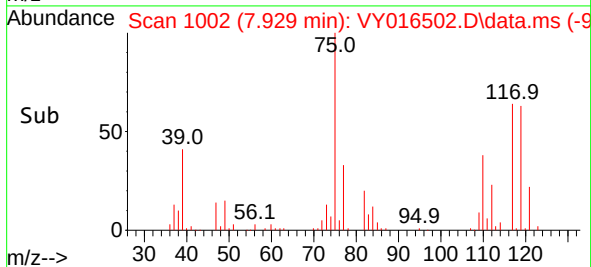
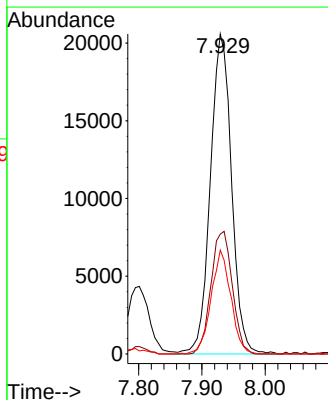
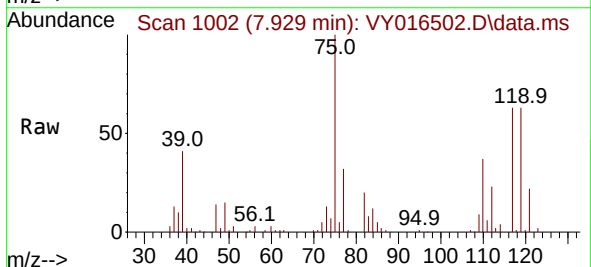
Manual Integrations
APPROVED

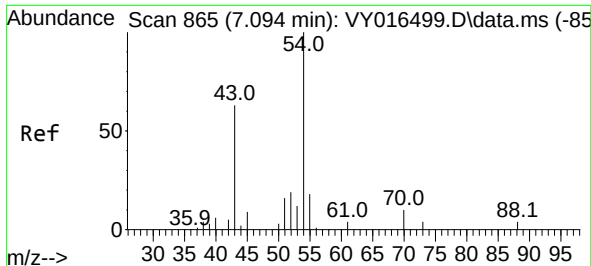
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#36
1,1-Dichloropropene
Concen: 20.976 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. -0.000 min
Lab File: VY016502.D
Acq: 27 Nov 2023 11:58

Tgt Ion: 75 Resp: 47822
Ion Ratio Lower Upper
75 100
110 38.7 17.8 53.5
77 30.2 24.4 36.6





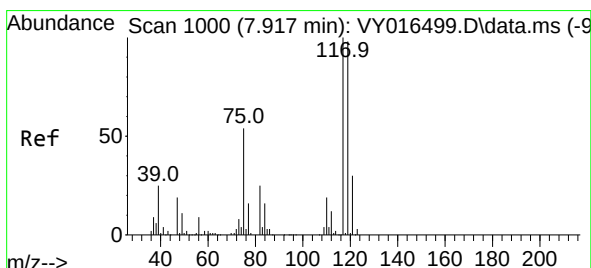
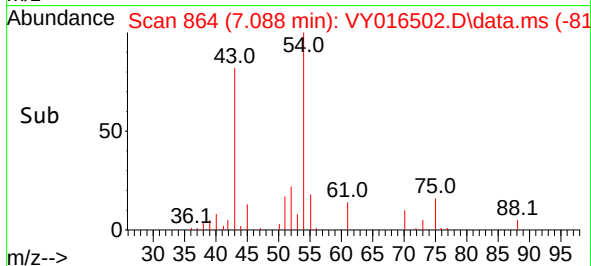
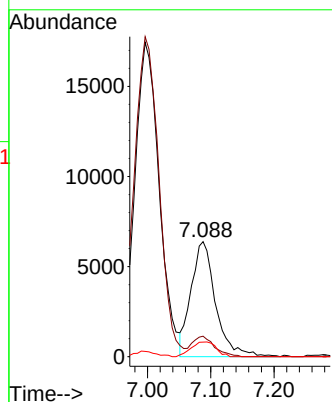
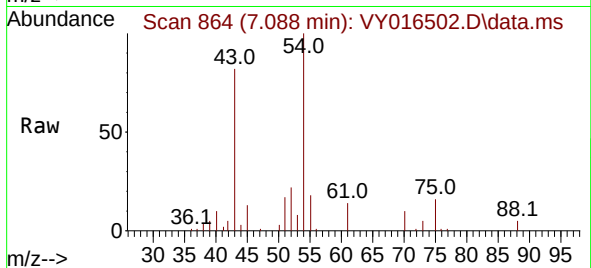
#37
Ethyl Acetate
Concen: 18.736 ug/l
RT: 7.088 min Scan# 80
Delta R.T. -0.000 min
Lab File: VY016502.D
Acq: 27 Nov 2023 11:58

Instrument :
MSVOA_Y
ClientSampleId :
VY1127SBSD01

Tgt Ion: 43 Resp: 1725
Ion Ratio Lower Upper
43 100
61 16.5 10.1 15.1
70 13.0 7.1 10.7

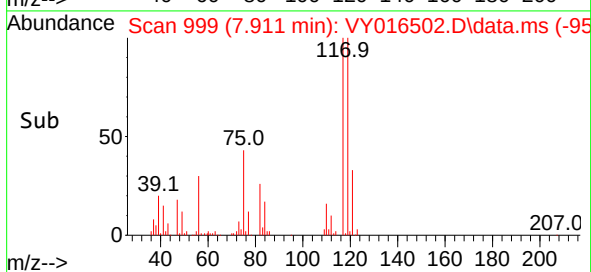
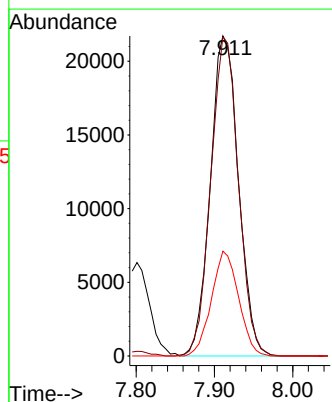
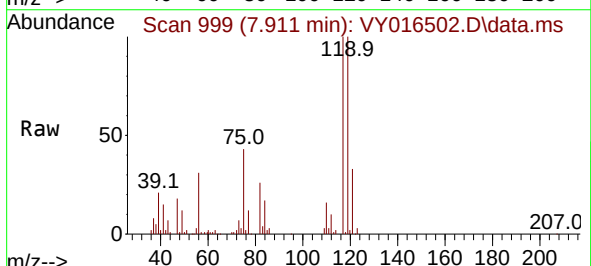
Manual Integrations
APPROVED

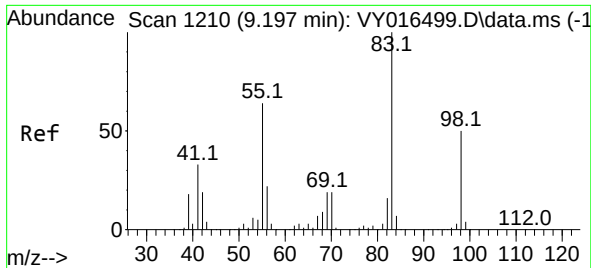
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#38
Carbon Tetrachloride
Concen: 22.941 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.006 min
Lab File: VY016502.D
Acq: 27 Nov 2023 11:58

Tgt Ion:117 Resp: 54283
Ion Ratio Lower Upper
117 100
119 99.8 76.4 114.6
121 32.7 25.8 38.6





#39

Methylcyclohexane

Concen: 20.293 ug/l

RT: 9.191 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY016502.D

Acq: 27 Nov 2023 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VY1127SBS01

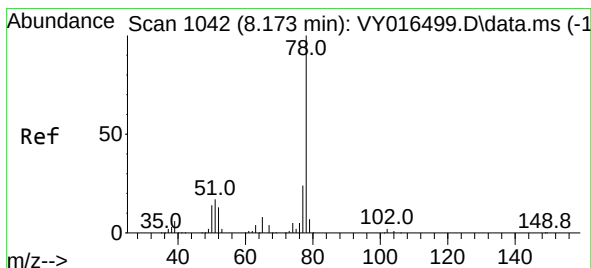
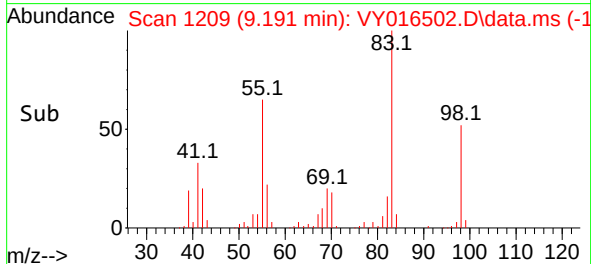
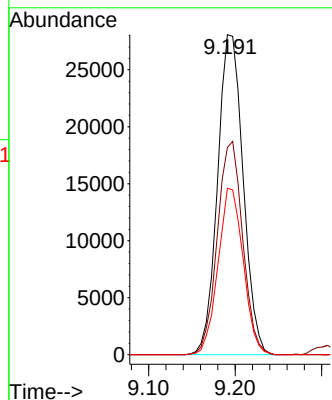
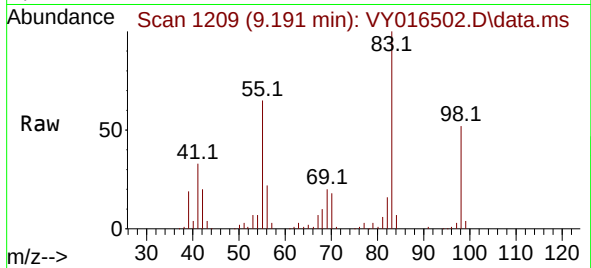
Tgt Ion: 83 Resp: 57650
 Ion Ratio Lower Upper
 83 100
 55 64.8 63.0 94.4
 98 52.0 37.4 56.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/28/2023

Supervised By :Mahesh Dadoda 11/28/2023



#40

Benzene

Concen: 21.546 ug/l

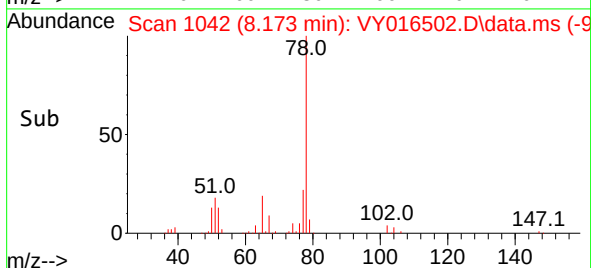
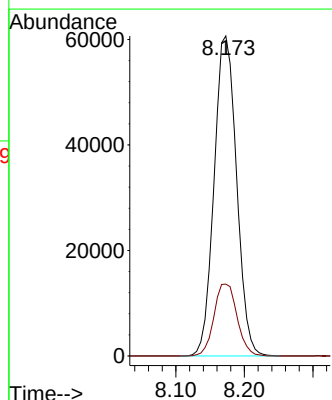
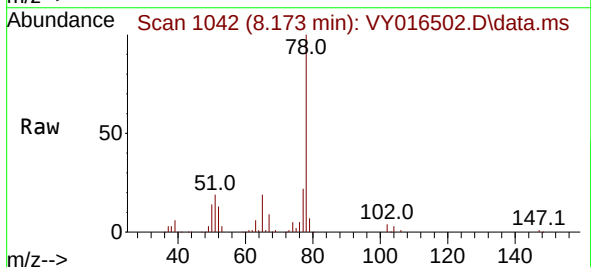
RT: 8.173 min Scan# 1042

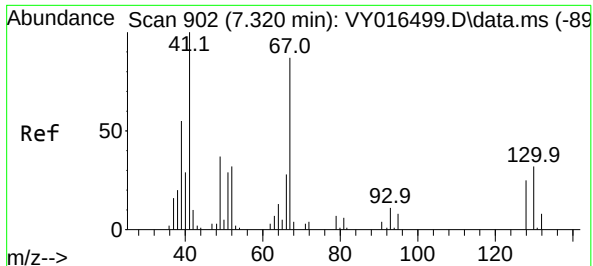
Delta R.T. -0.000 min

Lab File: VY016502.D

Acq: 27 Nov 2023 11:58

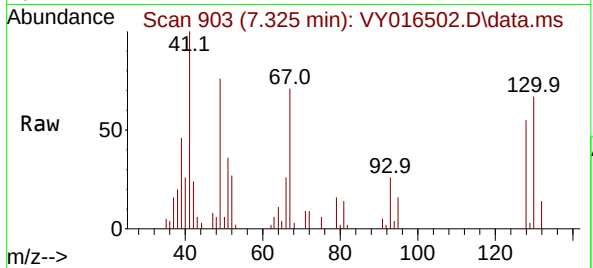
Tgt Ion: 78 Resp: 138012
 Ion Ratio Lower Upper
 78 100
 77 22.5 19.0 28.6





#41
Methacrylonitrile
Concen: 17.786 ug/l
RT: 7.325 min Scan# 902
Delta R.T. -0.000 min
Lab File: VY016502.D
Acq: 27 Nov 2023 11:58

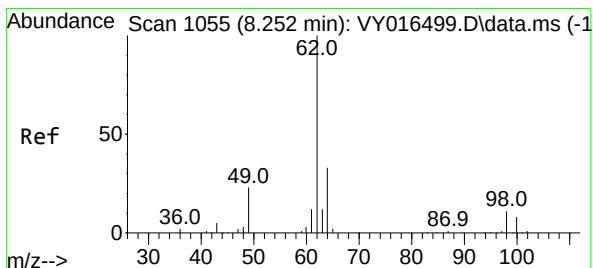
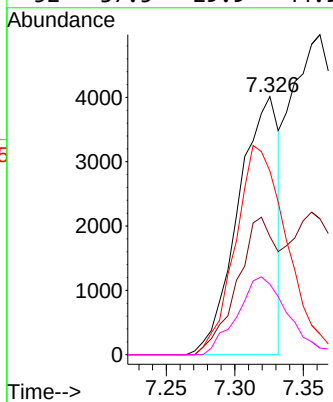
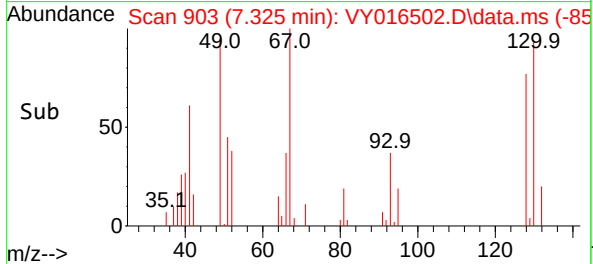
Instrument :
MSVOA_Y
ClientSampleId :
VY1127SBSD01



Tgt Ion: 41 Resp: 826
Ion Ratio Lower Upper
41 100
39 51.3 52.1 78.1
67 102.9 66.2 99.2
52 37.5 29.9 44.9

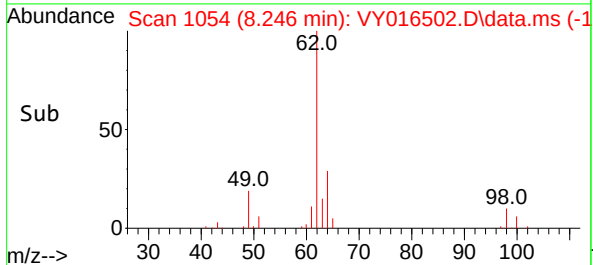
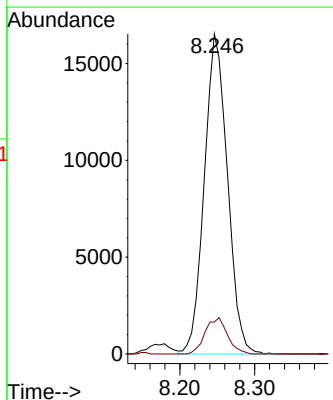
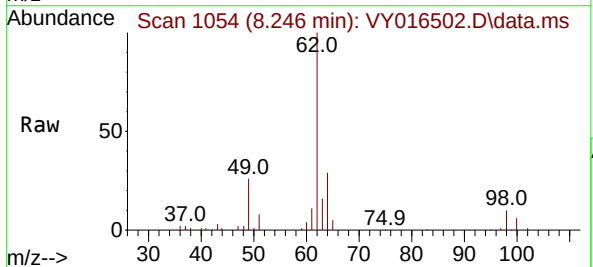
Manual Integrations
APPROVED

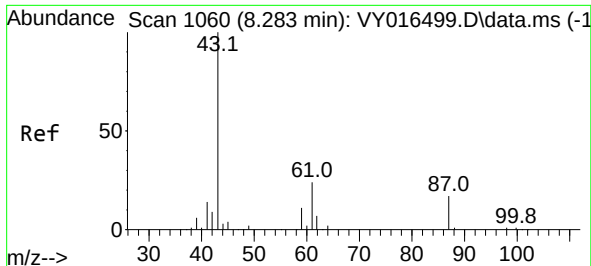
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#42
1,2-Dichloroethane
Concen: 21.424 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VY016502.D
Acq: 27 Nov 2023 11:58

Tgt Ion: 62 Resp: 35556
Ion Ratio Lower Upper
62 100
98 10.9 0.0 15.8





#43

Isopropyl Acetate

Concen: 18.402 ug/l

RT: 8.283 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VY016502.D

Acq: 27 Nov 2023 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VY1127SBSD01

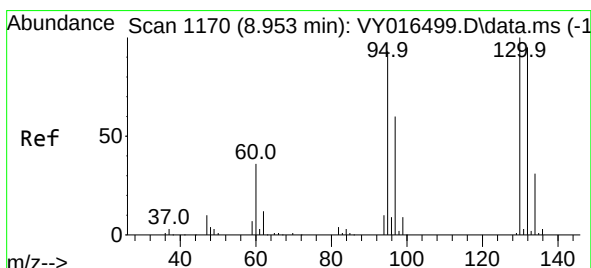
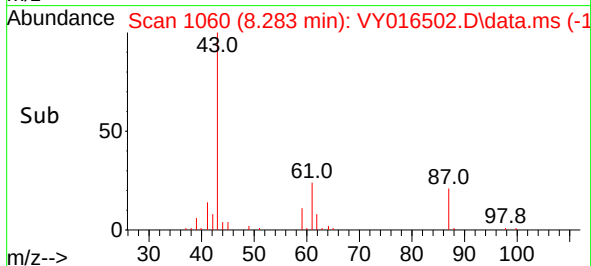
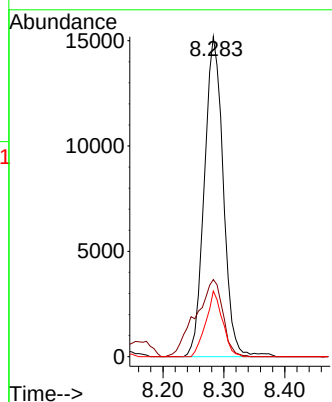
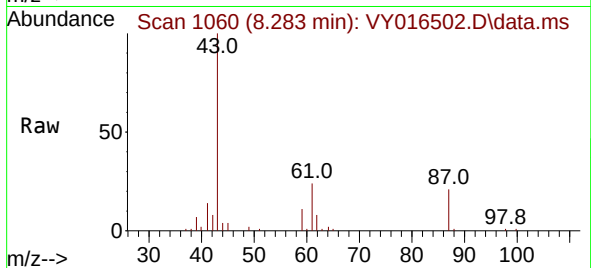
Tgt Ion: 43	Resp: 3276
Ion Ratio	Lower Upper
43 100	
61 34.6	21.1 31.7
87 18.3	9.8 14.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/28/2023

Supervised By :Mahesh Dadoda 11/28/2023



#44

Trichloroethene

Concen: 22.467 ug/l

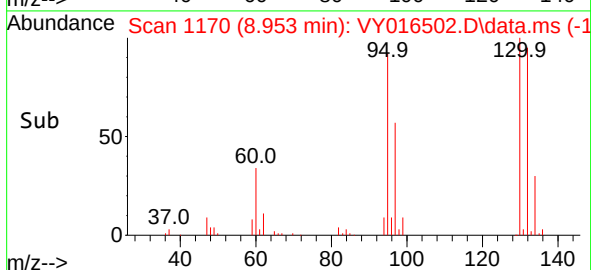
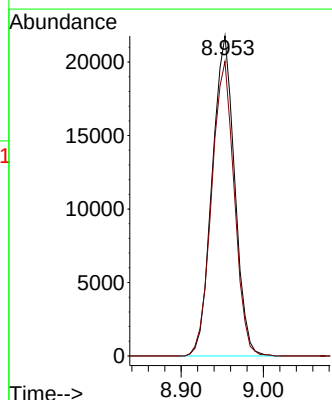
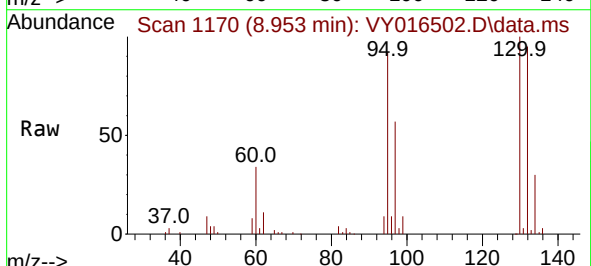
RT: 8.953 min Scan# 1170

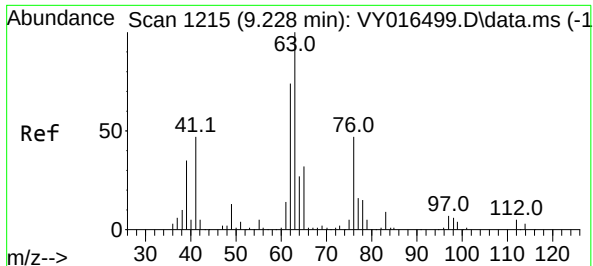
Delta R.T. -0.000 min

Lab File: VY016502.D

Acq: 27 Nov 2023 11:58

Tgt Ion:130	Resp: 41359
Ion Ratio	Lower Upper
130 100	
95 92.1	0.0 196.0





#45

1,2-Dichloropropane

Concen: 20.805 ug/l

RT: 9.228 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VY016502.D

Acq: 27 Nov 2023 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VY1127SBSD01

Tgt Ion: 63 Resp: 3200

Ion Ratio Lower Upper

63 100

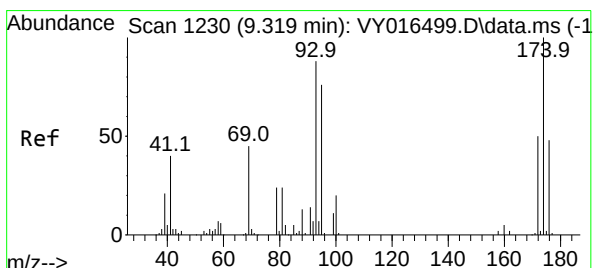
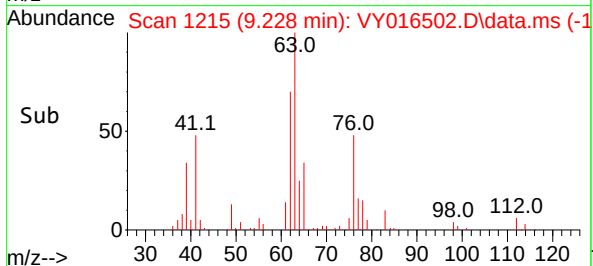
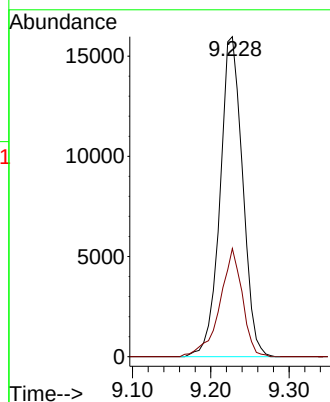
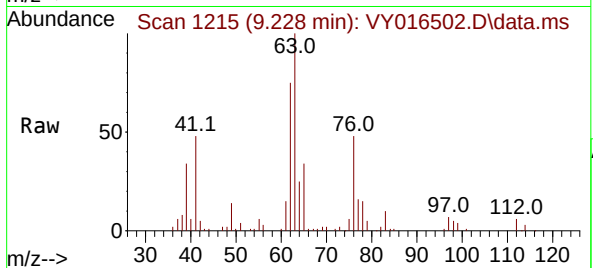
65 33.8 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/28/2023

Supervised By :Mahesh Dadoda 11/28/2023



#46

Dibromomethane

Concen: 22.082 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. -0.006 min

Lab File: VY016502.D

Acq: 27 Nov 2023 11:58

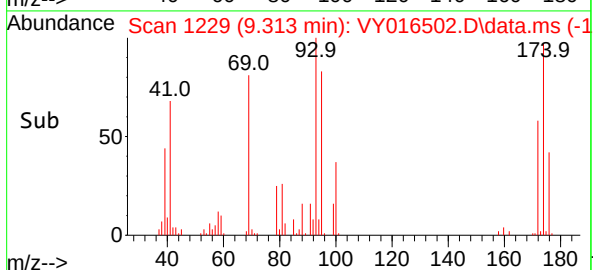
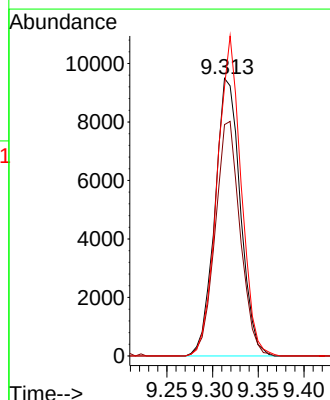
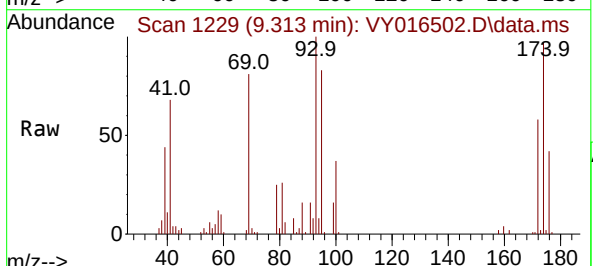
Tgt Ion: 93 Resp: 18408

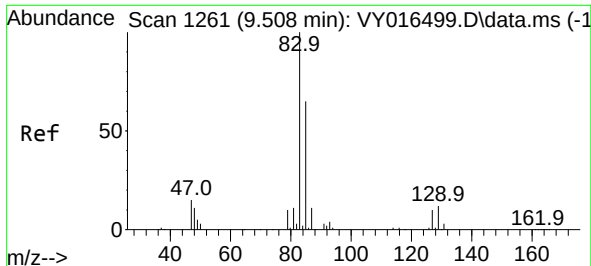
Ion Ratio Lower Upper

93 100

95 82.9 66.6 100.0

174 108.7 84.8 127.2





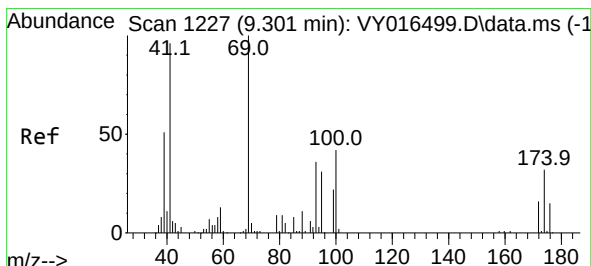
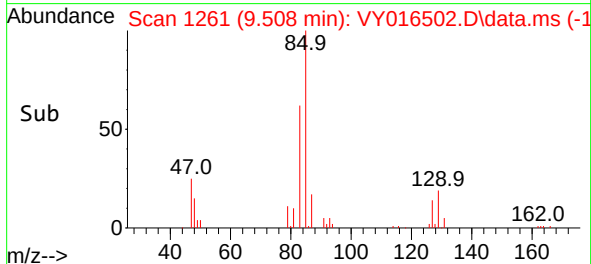
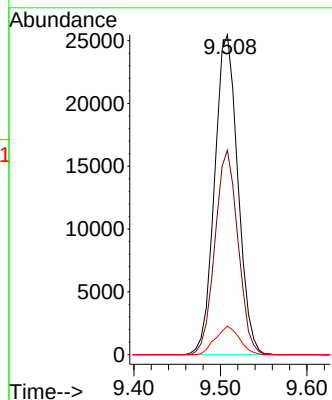
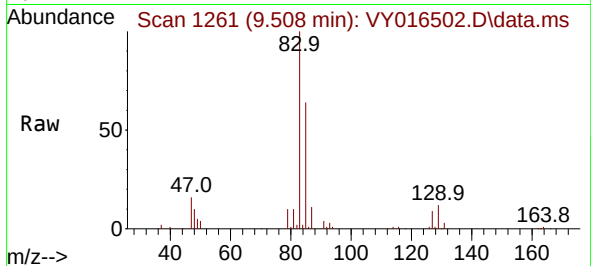
#47
Bromodichloromethane
Concen: 22.141 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VY016502.D
Acq: 27 Nov 2023 11:58

Instrument :
MSVOA_Y
ClientSampleId :
VY1127SBSD01

Tgt Ion: 83 Resp: 4745
Ion Ratio Lower Upper
83 100
85 63.9 50.1 75.1
127 8.9 7.1 10.7

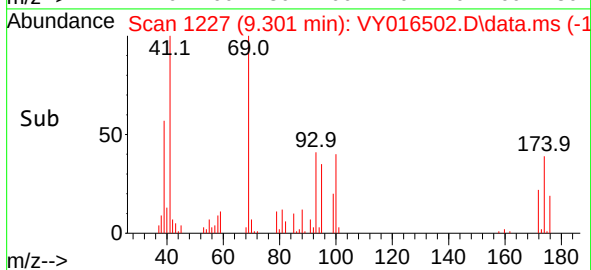
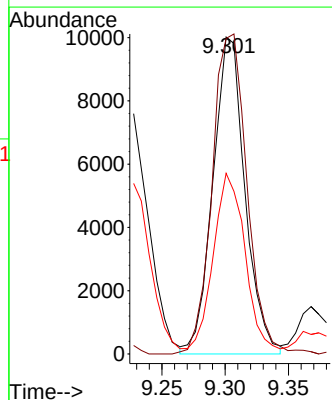
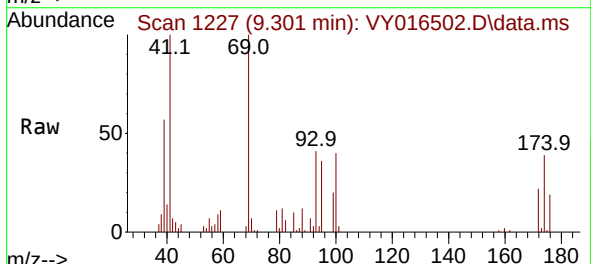
Manual Integrations
APPROVED

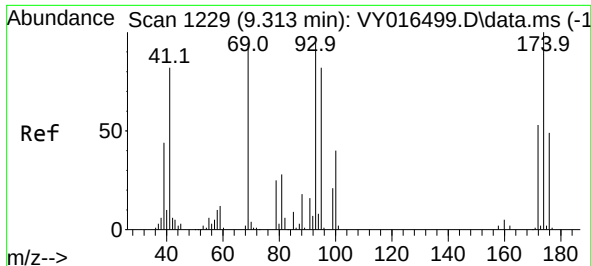
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#48
Methyl methacrylate
Concen: 17.981 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY016502.D
Acq: 27 Nov 2023 11:58

Tgt Ion: 41 Resp: 17695
Ion Ratio Lower Upper
41 100
69 109.4 64.5 96.7#
39 54.0 50.8 76.2





#49

1,4-Dioxane

Concen: 405.537 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VY016502.D

Acq: 27 Nov 2023 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VY1127SBSD01

Tgt Ion: 88 Resp: 3589

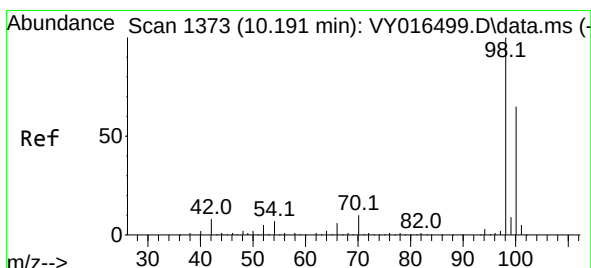
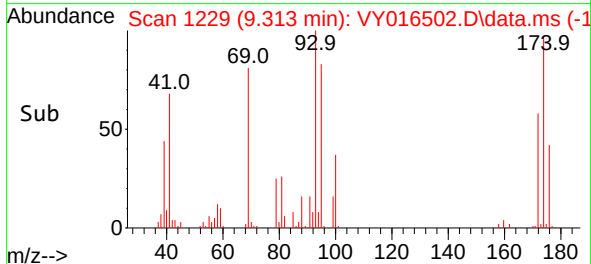
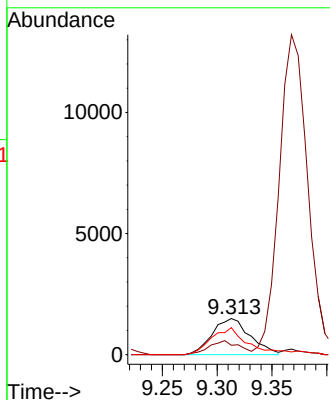
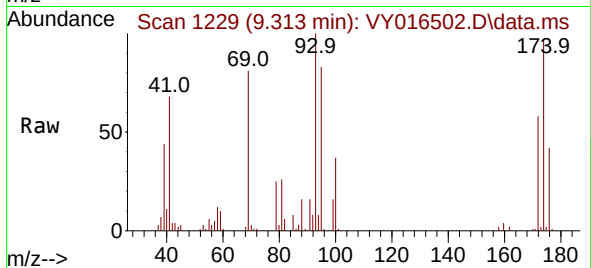
Ion	Ratio	Lower	Upper
88	100		
43	30.9	0.0	0.0
58	76.5	30.9	46.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/28/2023

Supervised By :Mahesh Dadoda 11/28/2023



#50

Toluene-d8

Concen: 51.647 ug/l

RT: 10.191 min Scan# 1373

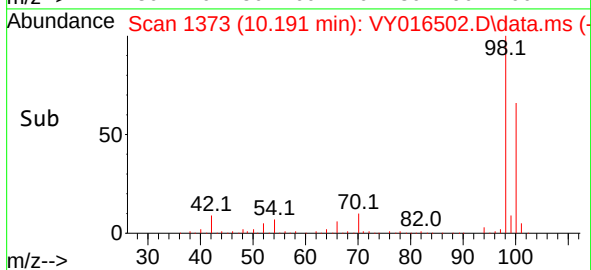
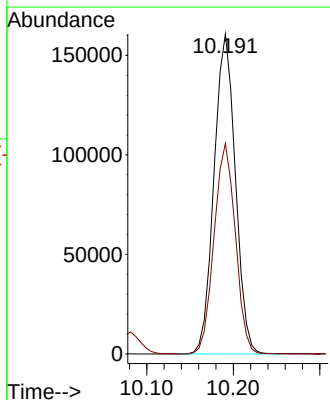
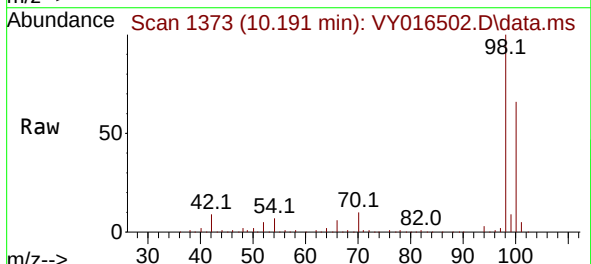
Delta R.T. -0.000 min

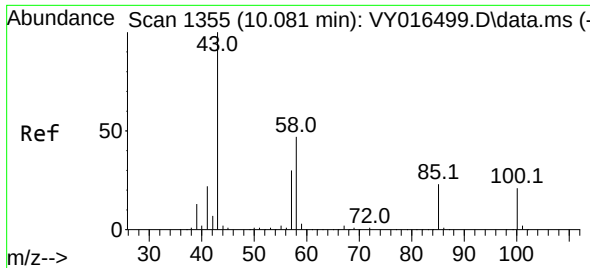
Lab File: VY016502.D

Acq: 27 Nov 2023 11:58

Tgt Ion: 98 Resp: 274991

Ion	Ratio	Lower	Upper
98	100		
100	65.7	50.1	75.1





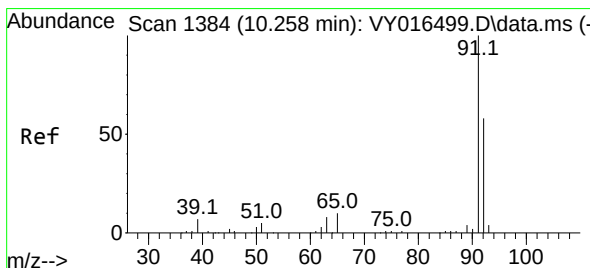
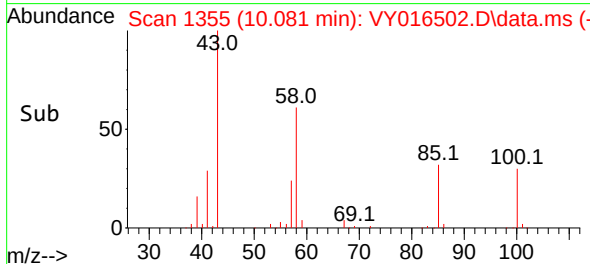
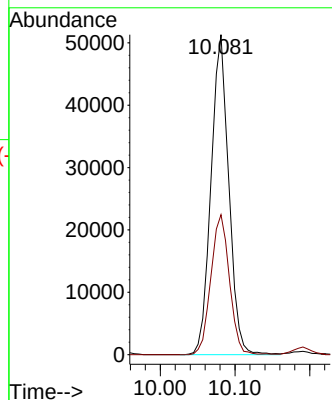
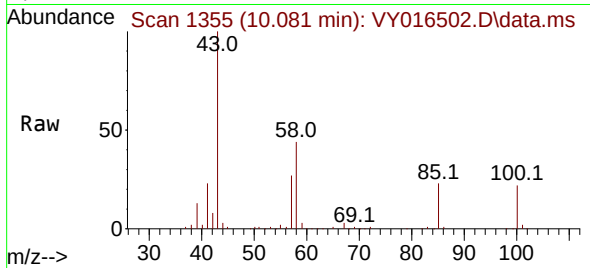
#51
4-Methyl-2-Pentanone
Concen: 94.021 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. -0.000 min
Lab File: VY016502.D
Acq: 27 Nov 2023 11:58

Instrument :
MSVOA_Y
ClientSampleId :
VY1127SBSD01

Tgt Ion: 43 Resp: 84658
Ion Ratio Lower Upper
43 100
58 45.6 29.0 43.6

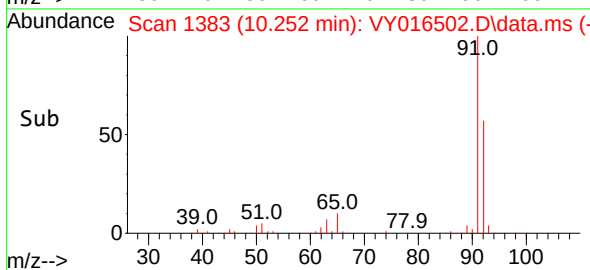
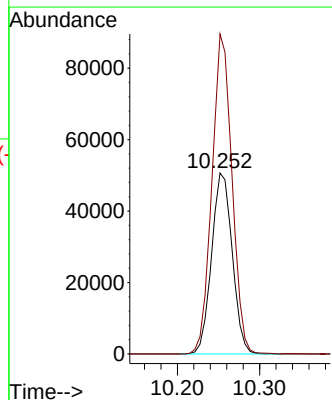
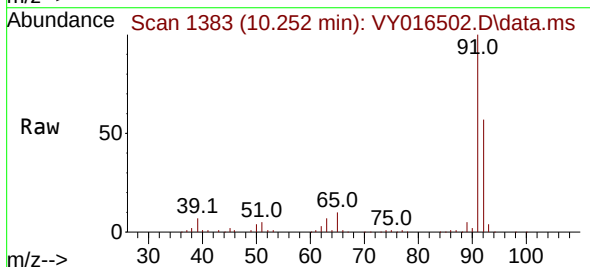
Manual Integrations
APPROVED

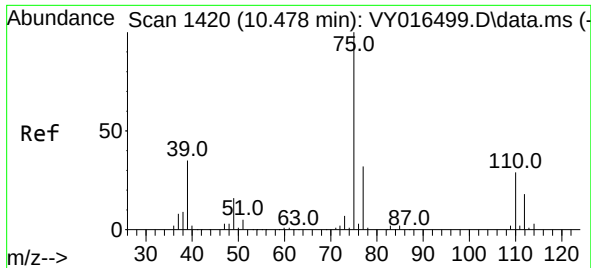
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#52
Toluene
Concen: 21.828 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VY016502.D
Acq: 27 Nov 2023 11:58

Tgt Ion: 92 Resp: 88383
Ion Ratio Lower Upper
92 100
91 171.7 143.8 215.6





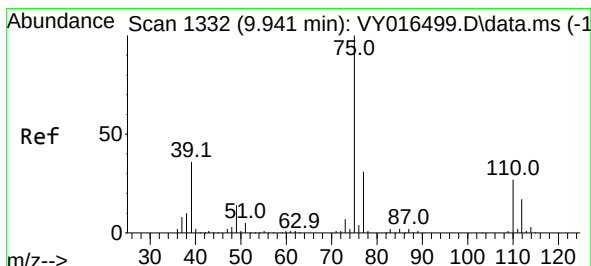
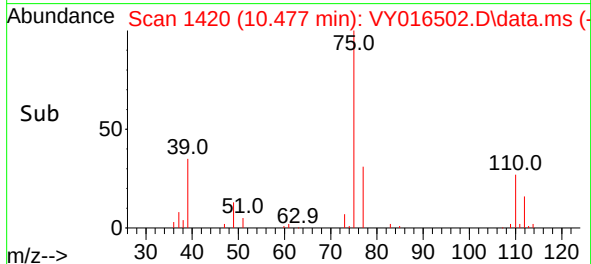
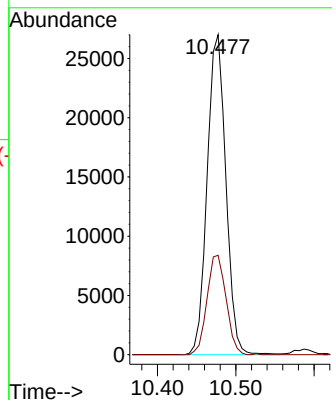
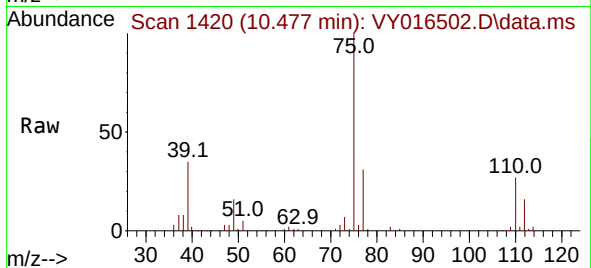
#53
 t-1,3-Dichloropropene
 Concen: 21.531 ug/l
 RT: 10.477 min Scan# 1420
 Delta R.T. -0.000 min
 Lab File: VY016502.D
 Acq: 27 Nov 2023 11:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1127SBS01

Tgt Ion: 75 Resp: 4473
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.0 37.4

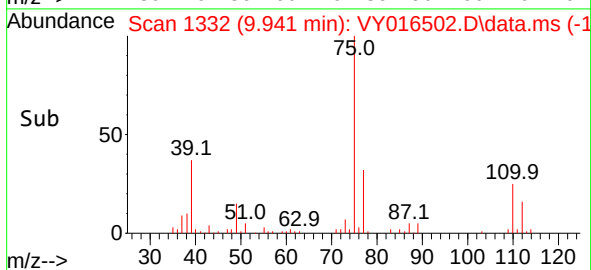
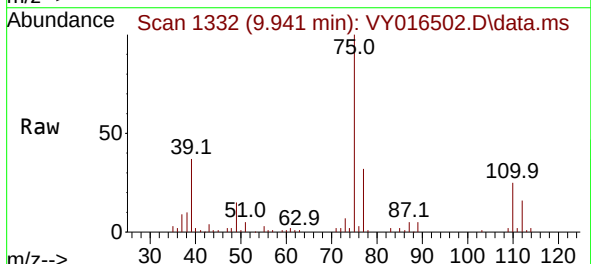
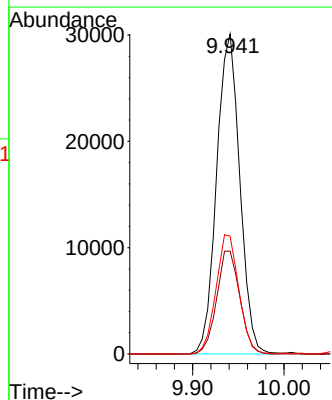
Manual Integrations
 APPROVED

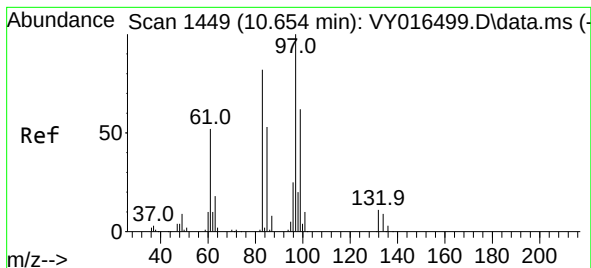
Reviewed By :John Carlone 11/28/2023
 Supervised By :Mahesh Dadoda 11/28/2023



#54
 cis-1,3-Dichloropropene
 Concen: 21.348 ug/l
 RT: 9.941 min Scan# 1332
 Delta R.T. -0.000 min
 Lab File: VY016502.D
 Acq: 27 Nov 2023 11:58

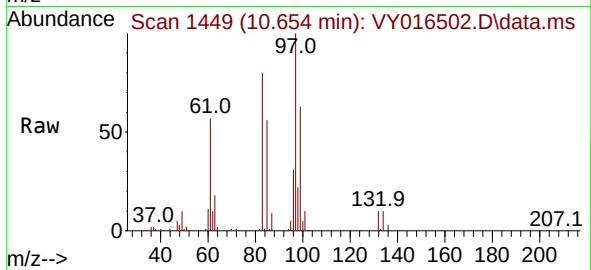
Tgt Ion: 75 Resp: 52975
 Ion Ratio Lower Upper
 75 100
 77 32.2 24.2 36.4
 39 36.8 42.2 63.4#





#55
1,1,2-Trichloroethane
Concen: 22.774 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. -0.000 min
Lab File: VY016502.D
Acq: 27 Nov 2023 11:58

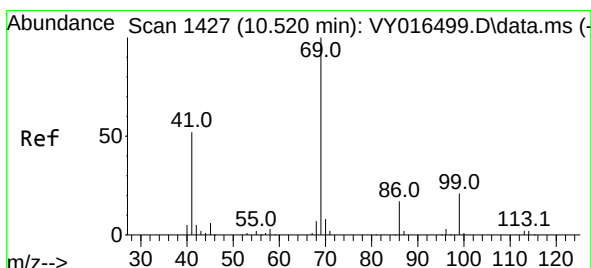
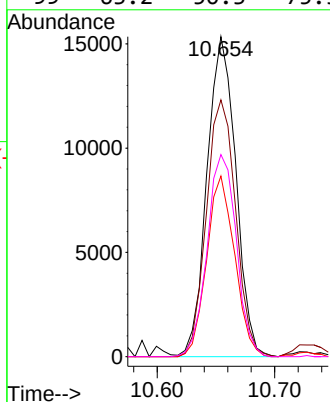
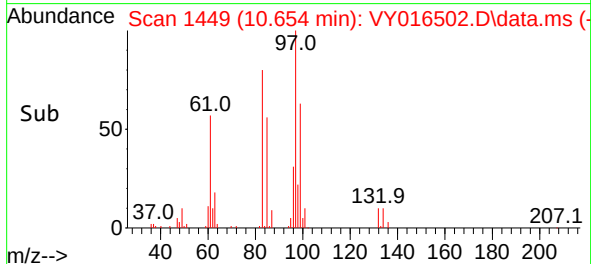
Instrument :
MSVOA_Y
ClientSampleId :
VY1127SBSD01



Tgt Ion: 97	Resp: 2616
Ion Ratio	Lower Upper
97 100	
83 80.3	72.0 108.0
85 56.5	45.4 68.0
99 63.2	50.3 75.5

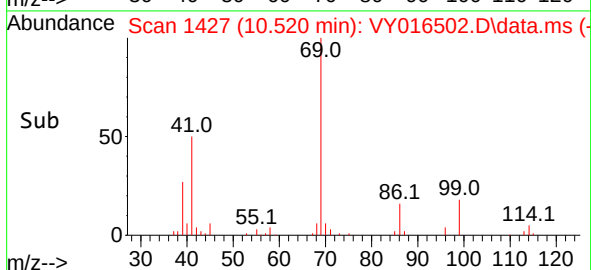
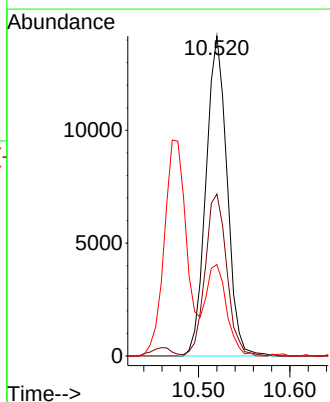
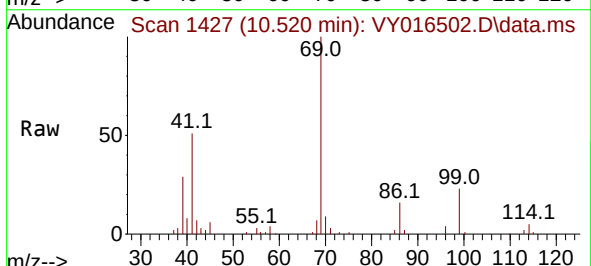
Manual Integrations
APPROVED

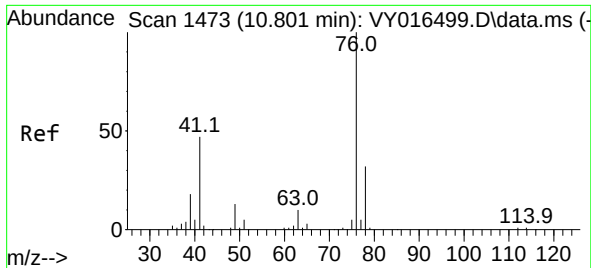
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#56
Ethyl methacrylate
Concen: 20.923 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VY016502.D
Acq: 27 Nov 2023 11:58

Tgt Ion: 69	Resp: 22693
Ion Ratio	Lower Upper
69 100	
41 51.9	57.6 86.4#
39 27.3	34.1 51.1#





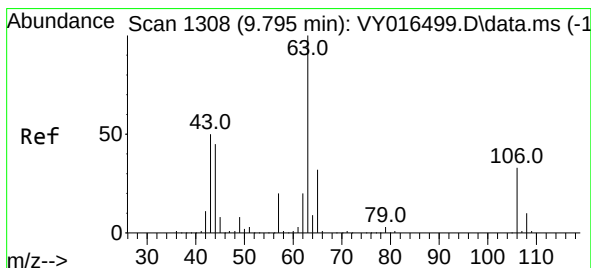
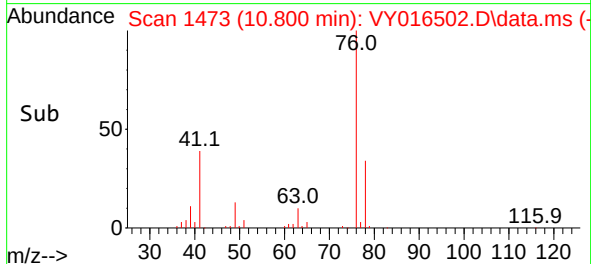
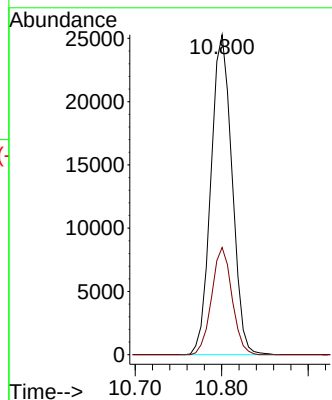
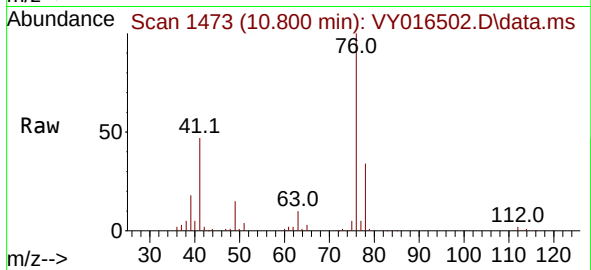
#57
1,3-Dichloropropane
Concen: 21.851 ug/l
RT: 10.800 min Scan# 1473
Delta R.T. -0.000 min
Lab File: VY016502.D
Acq: 27 Nov 2023 11:58

Instrument :
MSVOA_Y
ClientSampleId :
VY1127SBSD01

Tgt Ion: 76 Resp: 42790
Ion Ratio Lower Upper
76 100
78 32.3 25.3 37.9

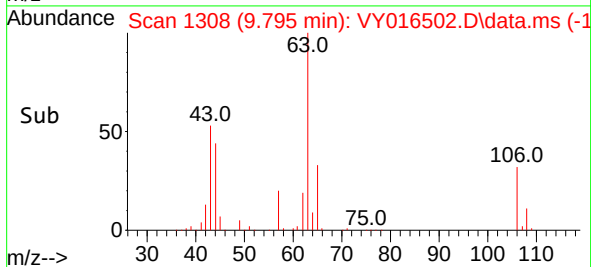
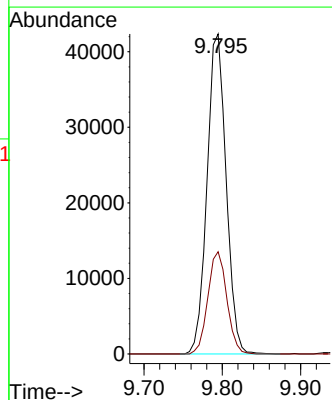
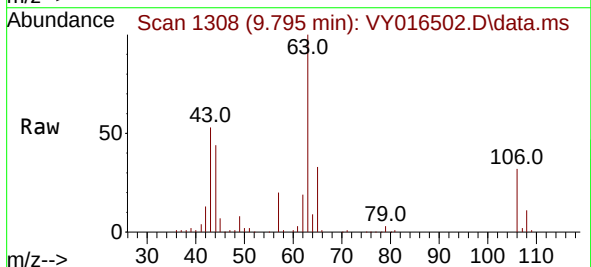
Manual Integrations
APPROVED

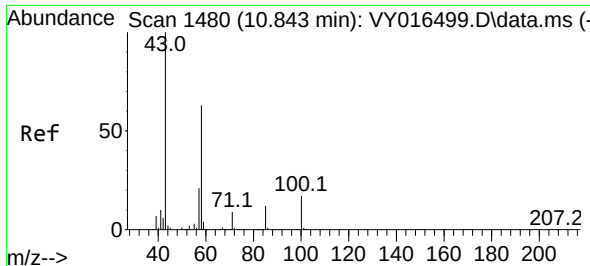
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#58
2-Chloroethyl Vinyl ether
Concen: 97.422 ug/l
RT: 9.795 min Scan# 1308
Delta R.T. -0.000 min
Lab File: VY016502.D
Acq: 27 Nov 2023 11:58

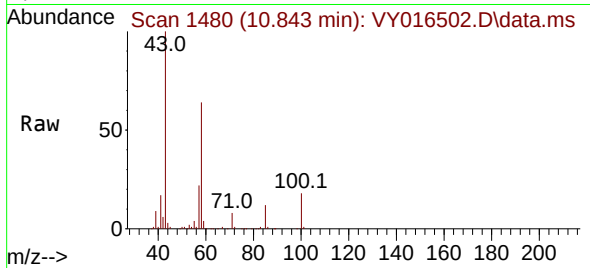
Tgt Ion: 63 Resp: 71647
Ion Ratio Lower Upper
63 100
106 31.7 21.2 31.8





#59
2-Hexanone
Concen: 109.536 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. -0.000 min
Lab File: VY016502.D
Acq: 27 Nov 2023 11:58

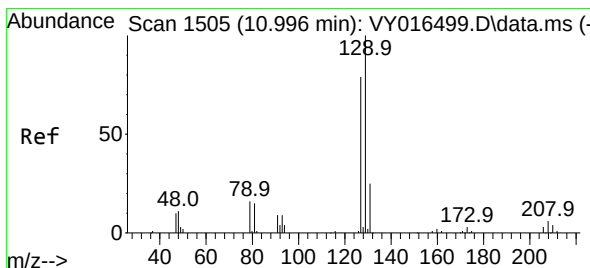
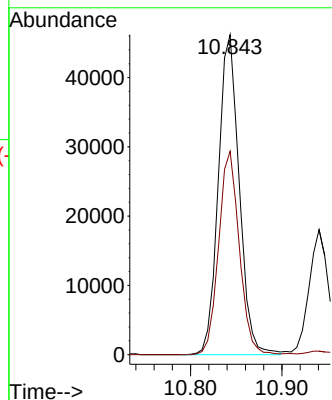
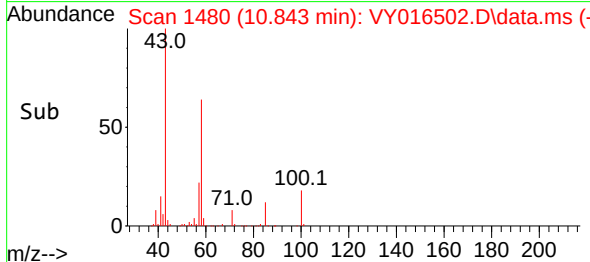
Instrument :
MSVOA_Y
ClientSampleId :
VY1127SBSD01



Tgt Ion: 43 Resp: 73362
Ion Ratio Lower Upper
43 100
58 62.8 25.1 75.3

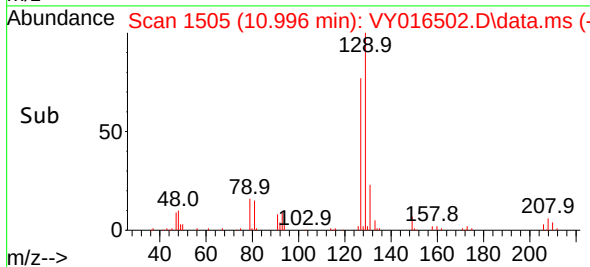
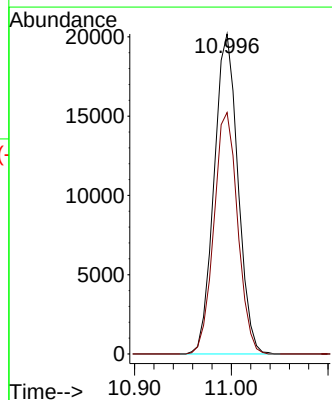
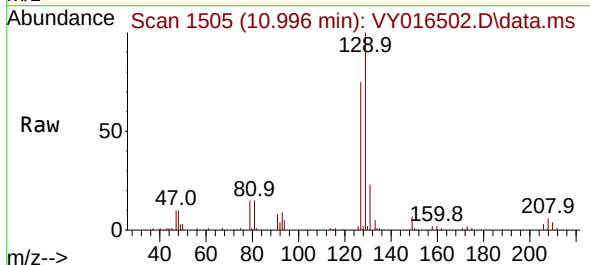
Manual Integrations
APPROVED

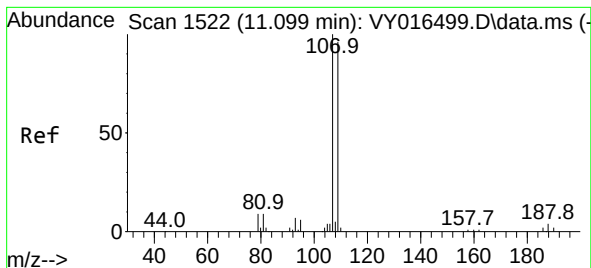
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#60
Dibromochloromethane
Concen: 23.997 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. -0.000 min
Lab File: VY016502.D
Acq: 27 Nov 2023 11:58

Tgt Ion:129 Resp: 34483
Ion Ratio Lower Upper
129 100
127 75.2 38.5 115.5





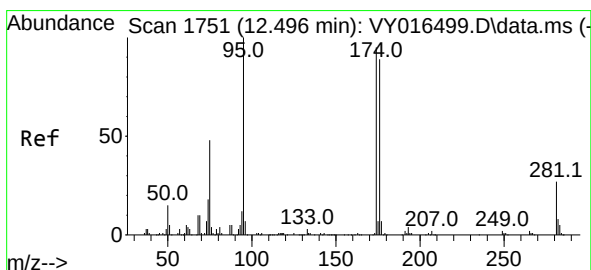
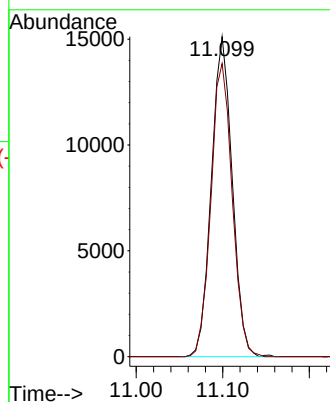
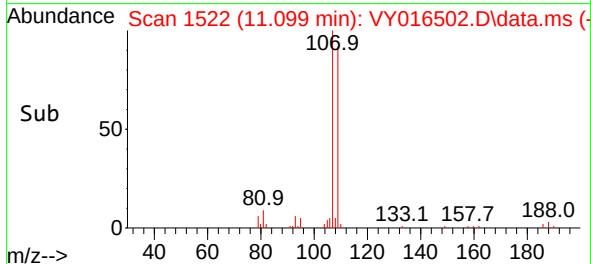
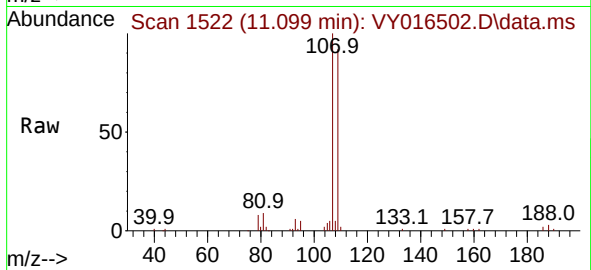
#61
1,2-Dibromoethane
Concen: 23.093 ug/l
RT: 11.099 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016502.D
Acq: 27 Nov 2023 11:58

Instrument :
MSVOA_Y
ClientSampleId :
VY1127SBSD01

Tgt Ion:107 Resp: 25278
Ion Ratio Lower Upper
107 100
109 93.5 75.6 113.4

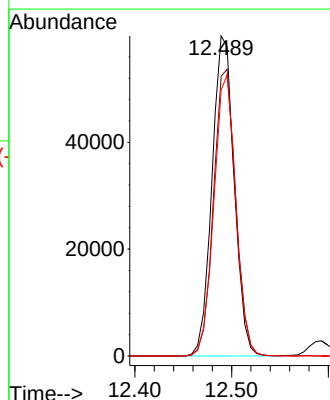
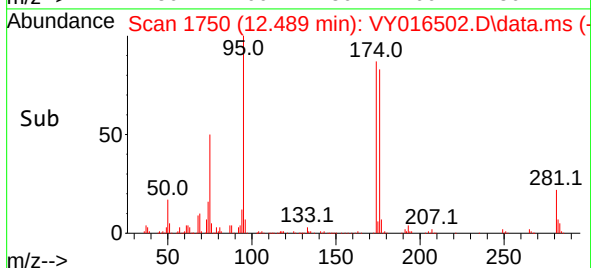
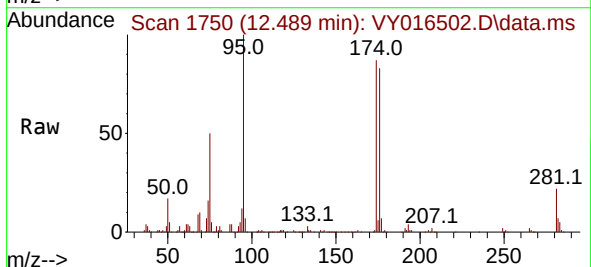
Manual Integrations
APPROVED

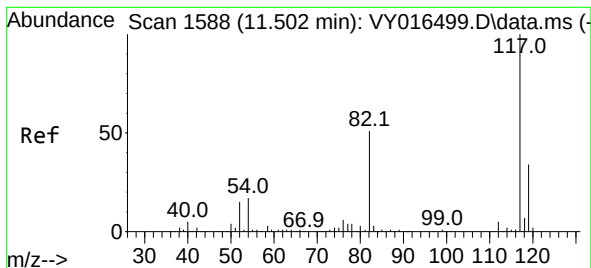
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#62
4-Bromofluorobenzene
Concen: 55.038 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016502.D
Acq: 27 Nov 2023 11:58

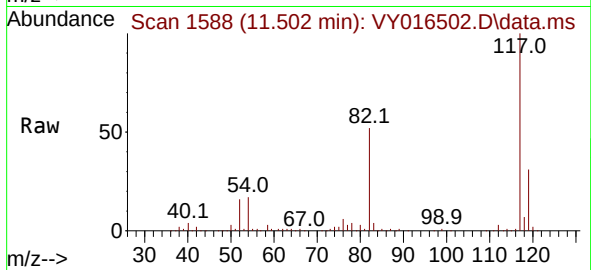
Tgt Ion: 95 Resp: 95176
Ion Ratio Lower Upper
95 100
174 89.3 0.0 178.2
176 87.0 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016502.D
Acq: 27 Nov 2023 11:58

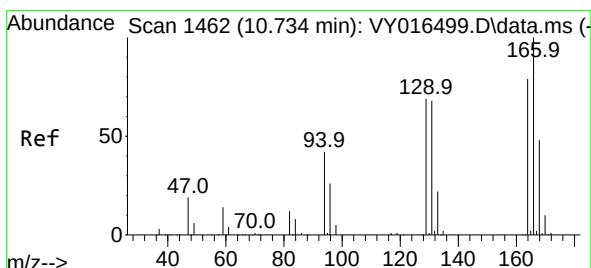
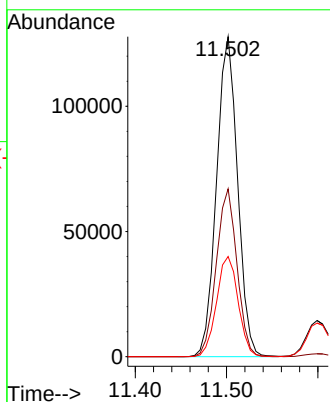
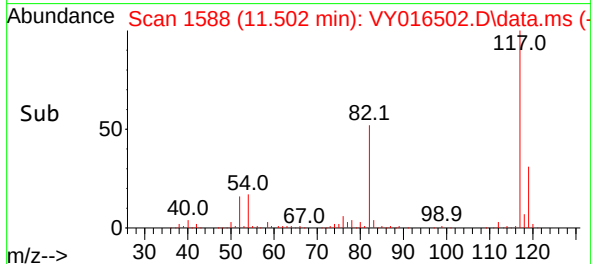
Instrument :
MSVOA_Y
ClientSampleId :
VY1127SBSD01



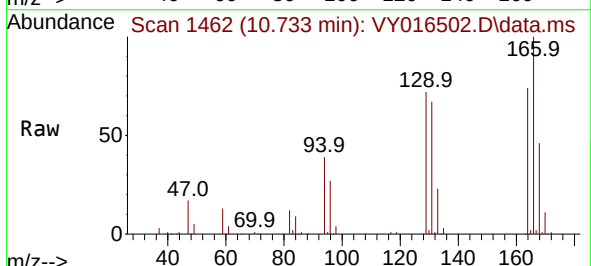
Tgt Ion:117 Resp: 204554
Ion Ratio Lower Upper
117 100
82 52.5 43.4 65.0
119 31.3 26.3 39.5

Manual Integrations
APPROVED

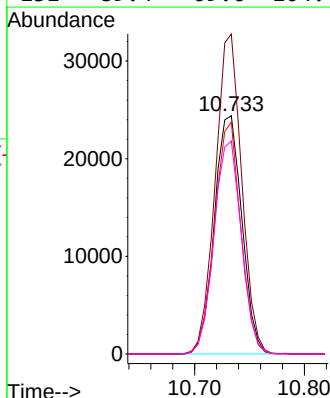
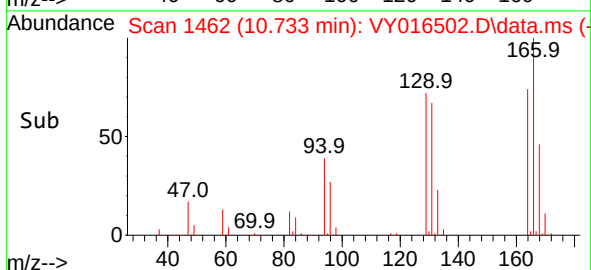
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023

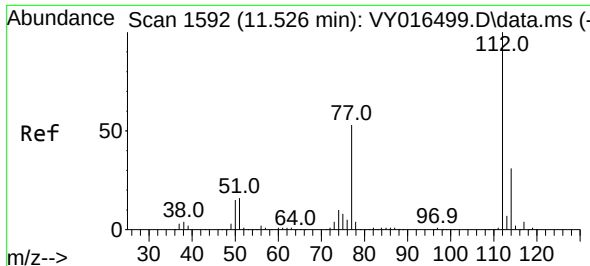


#64
Tetrachloroethene
Concen: 23.185 ug/l
RT: 10.733 min Scan# 1462
Delta R.T. 0.006 min
Lab File: VY016502.D
Acq: 27 Nov 2023 11:58



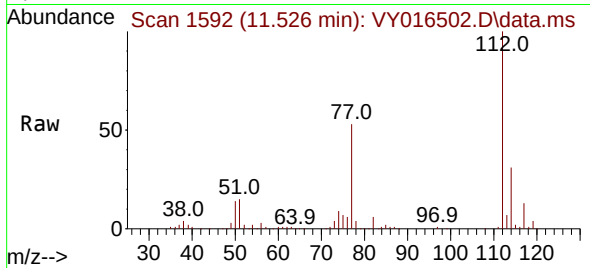
Tgt Ion:164 Resp: 42583
Ion Ratio Lower Upper
164 100
166 134.3 103.0 154.6
129 97.3 77.2 115.8
131 89.4 69.6 104.4





#65
Chlorobenzene
Concen: 22.130 ug/l
RT: 11.526 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY016502.D
Acq: 27 Nov 2023 11:58

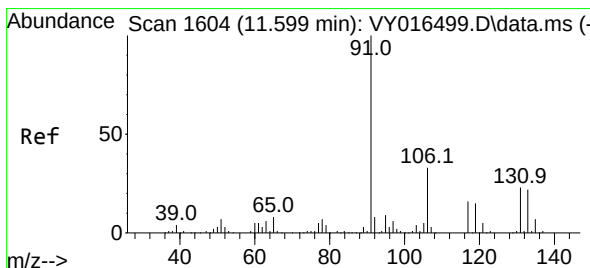
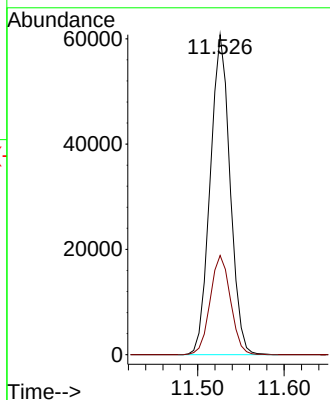
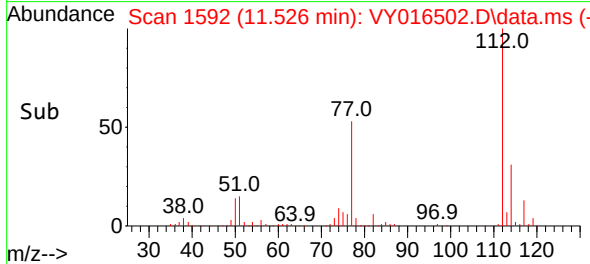
Instrument :
MSVOA_Y
ClientSampleId :
VY1127SBSD01



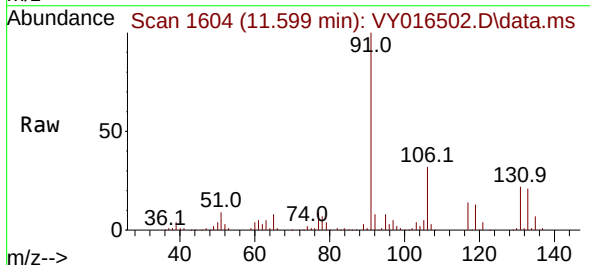
Tgt Ion:112 Resp: 96714
Ion Ratio Lower Upper
112 100
114 31.0 25.5 38.3

Manual Integrations
APPROVED

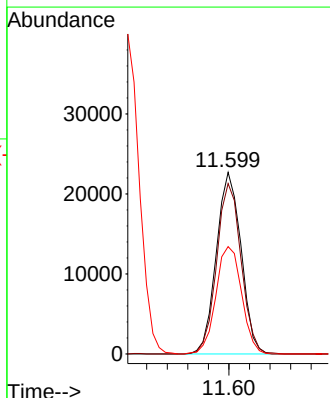
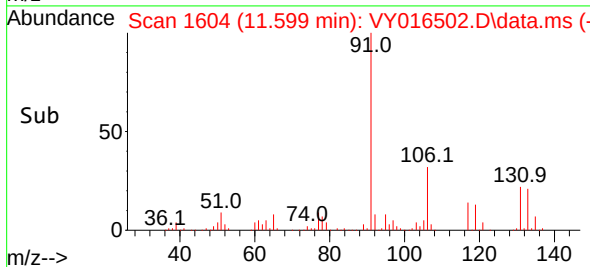
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023

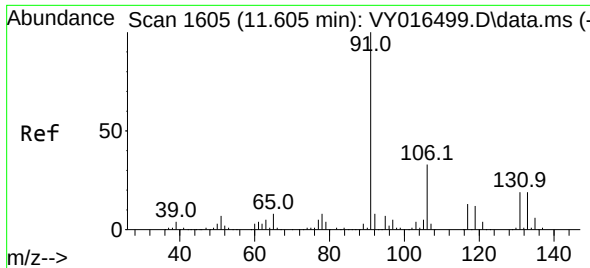


#66
1,1,1,2-Tetrachloroethane
Concen: 23.510 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. -0.000 min
Lab File: VY016502.D
Acq: 27 Nov 2023 11:58



Tgt Ion:131 Resp: 37896
Ion Ratio Lower Upper
131 100
133 92.9 47.5 142.6
119 61.5 31.6 94.7





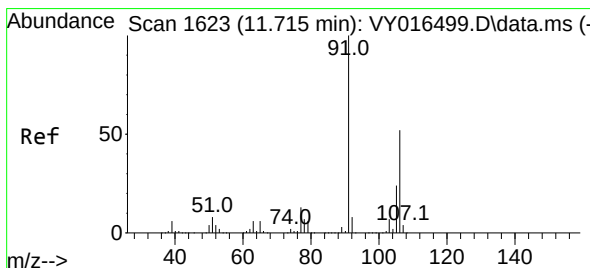
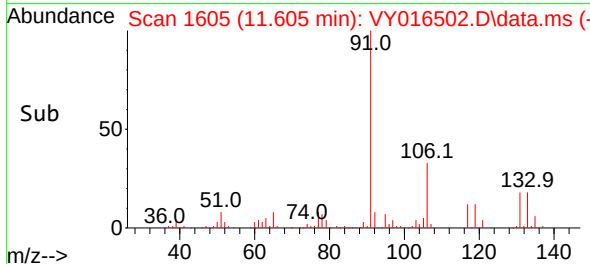
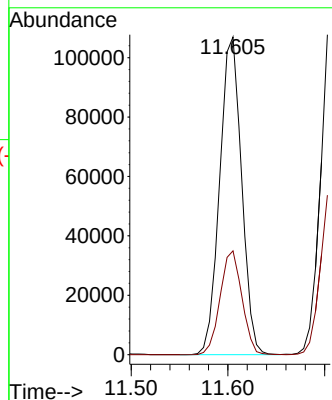
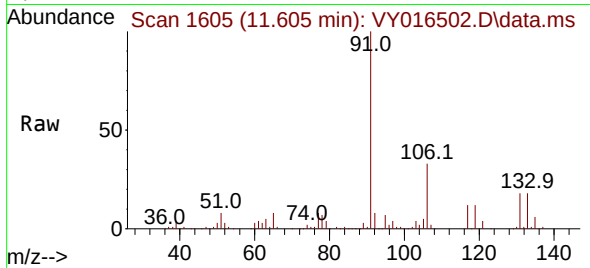
#67
Ethyl Benzene
Concen: 21.390 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.006 min
Lab File: VY016502.D
Acq: 27 Nov 2023 11:58

Instrument :
MSVOA_Y
ClientSampleId :
VY1127SBSD01

Tgt Ion: 91 Resp: 16800
Ion Ratio Lower Upper
91 100
106 32.7 24.6 36.8

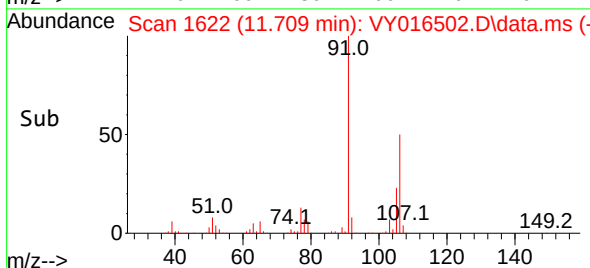
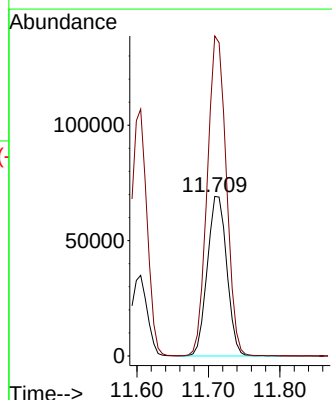
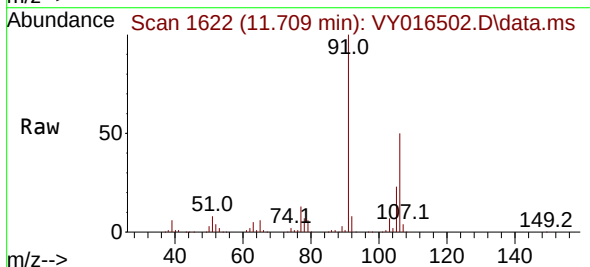
Manual Integrations
APPROVED

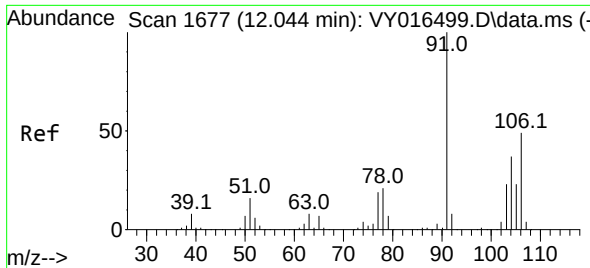
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#68
m/p-Xylenes
Concen: 43.957 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. -0.006 min
Lab File: VY016502.D
Acq: 27 Nov 2023 11:58

Tgt Ion:106 Resp: 130951
Ion Ratio Lower Upper
106 100
91 195.7 166.1 249.1





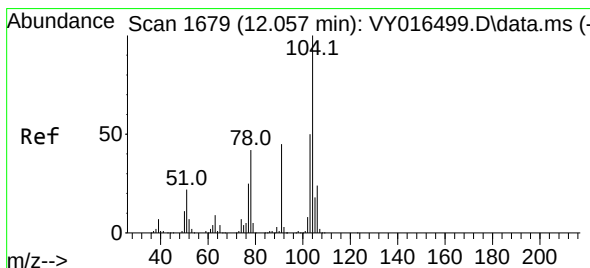
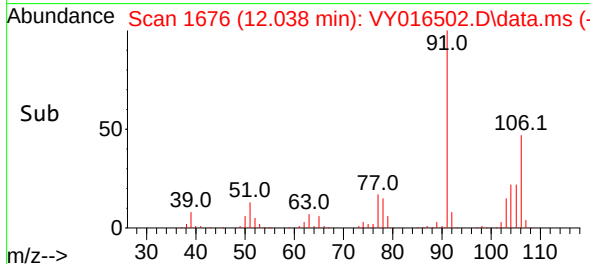
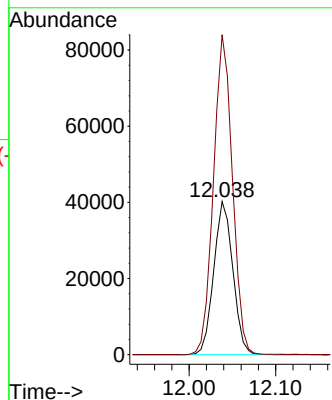
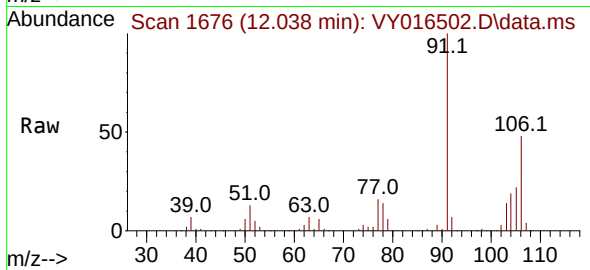
#69
o-Xylene
Concen: 22.282 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VY016502.D
Acq: 27 Nov 2023 11:58

Instrument :
MSVOA_Y
ClientSampleId :
VY1127SBSD01

Tgt Ion:106 Resp: 61629
Ion Ratio Lower Upper
106 100
91 207.5 108.1 324.3

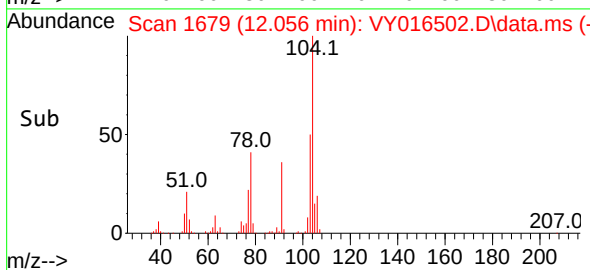
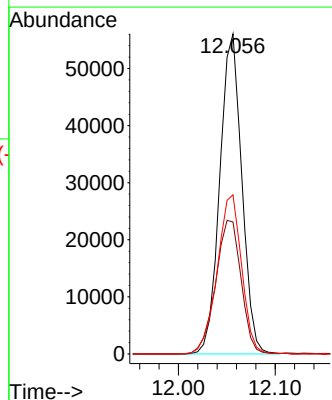
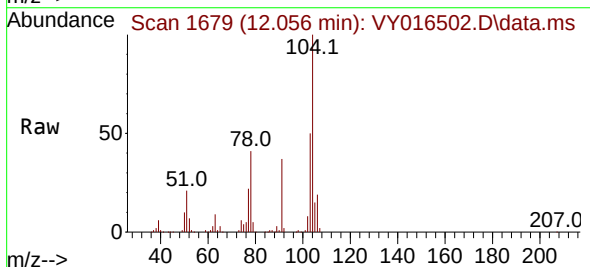
Manual Integrations
APPROVED

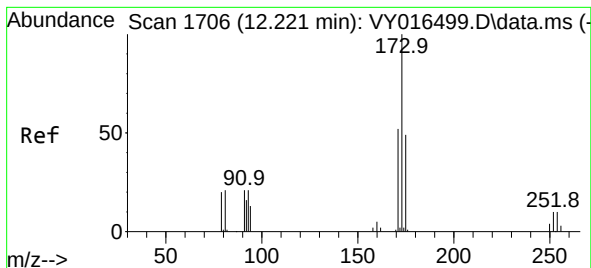
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#70
Styrene
Concen: 22.349 ug/l
RT: 12.056 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY016502.D
Acq: 27 Nov 2023 11:58

Tgt Ion:104 Resp: 88512
Ion Ratio Lower Upper
104 100
78 48.5 41.5 62.3
103 55.2 44.6 67.0





#71

Bromoform

Concen: 23.943 ug/l

RT: 12.215 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016502.D

Acq: 27 Nov 2023 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VY1127SBSD01

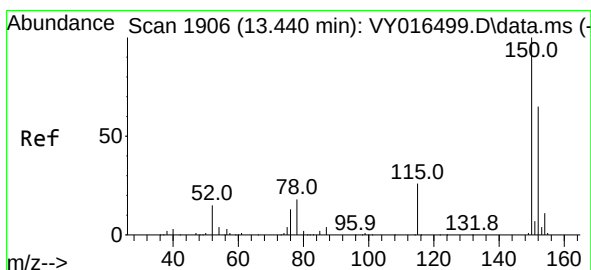
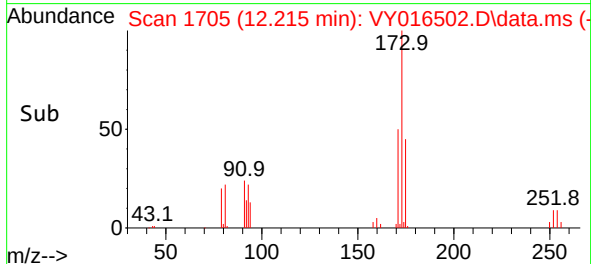
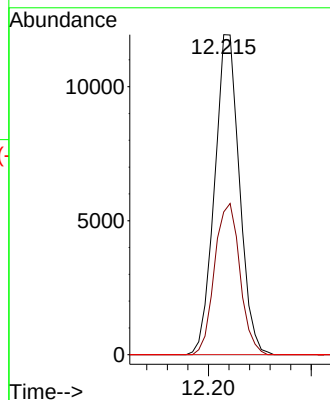
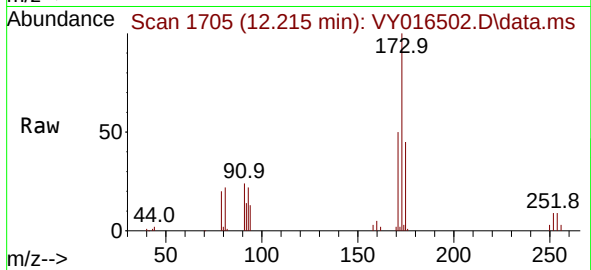
Tgt Ion:	173	Resp:	20020
Ion Ratio	Lower	Upper	
173	100		
175	48.2	24.6	73.8
254	0.0	0.2	0.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/28/2023

Supervised By :Mahesh Dadoda 11/28/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

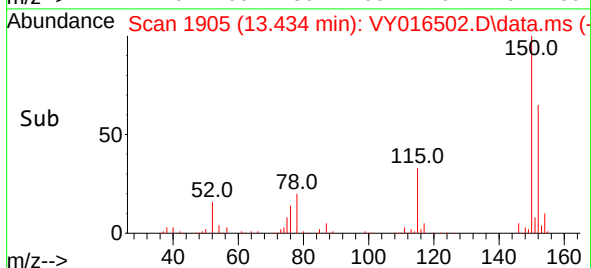
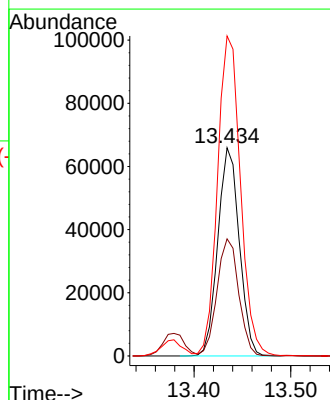
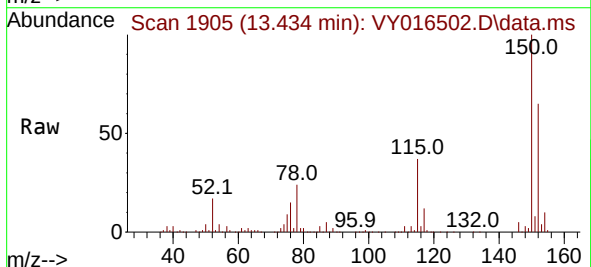
RT: 13.434 min Scan# 1905

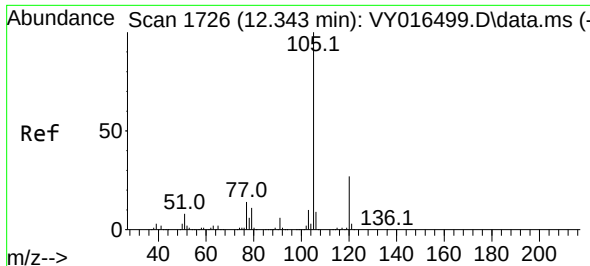
Delta R.T. -0.000 min

Lab File: VY016502.D

Acq: 27 Nov 2023 11:58

Tgt Ion:	152	Resp:	101625
Ion Ratio	Lower	Upper	
152	100		
115	56.9	28.8	86.5
150	164.1	0.0	348.8





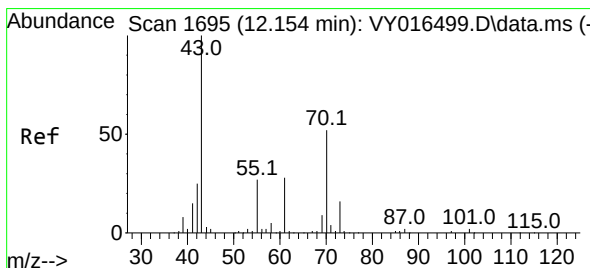
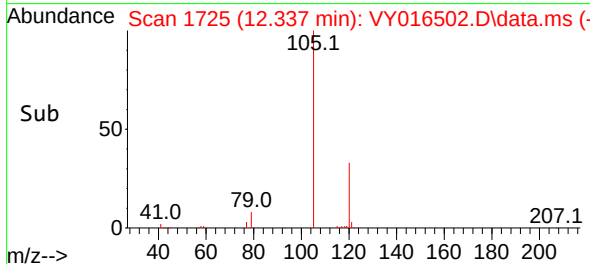
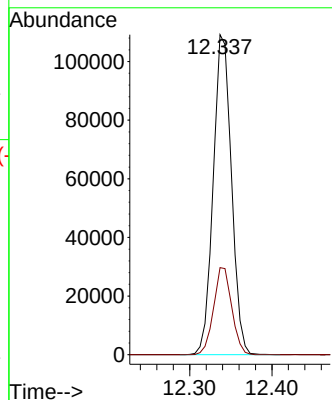
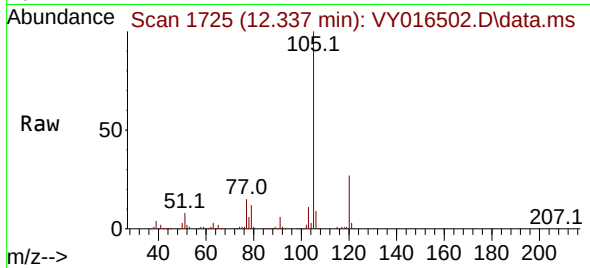
#73
Isopropylbenzene
Concen: 20.448 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. -0.000 min
Lab File: VY016502.D
Acq: 27 Nov 2023 11:58

Instrument :
MSVOA_Y
ClientSampleId :
VY1127SBSD01

Tgt Ion:105 Resp: 16827
Ion Ratio Lower Upper
105 100
120 27.1 13.3 39.9

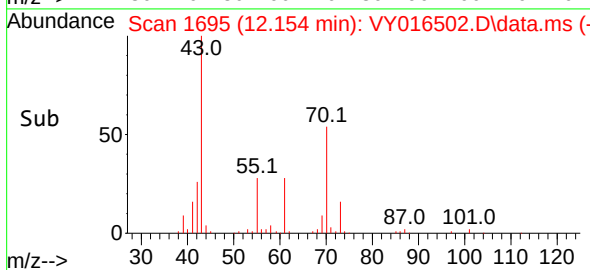
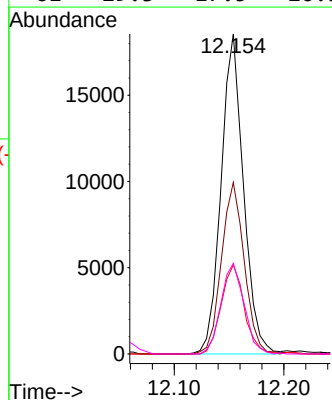
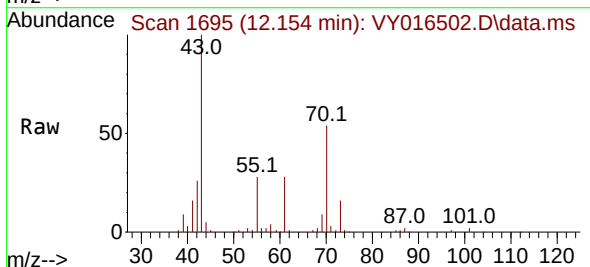
Manual Integrations
APPROVED

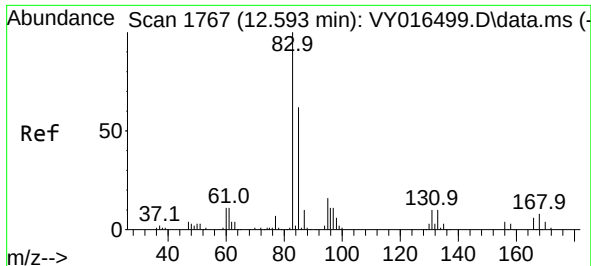
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#74
N-ethyl acetate
Concen: 15.939 ug/l
RT: 12.154 min Scan# 1695
Delta R.T. -0.000 min
Lab File: VY016502.D
Acq: 27 Nov 2023 11:58

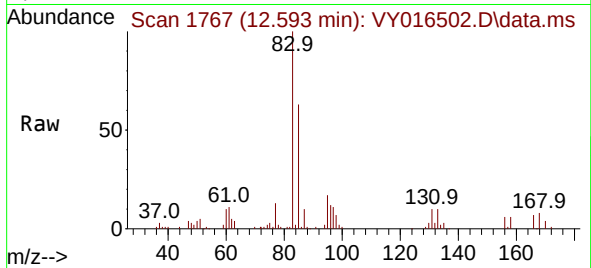
Tgt Ion: 43 Resp: 26347
Ion Ratio Lower Upper
43 100
70 54.9 29.7 44.5#
55 28.6 18.3 27.5#
61 29.3 17.5 26.3#





#75
1,1,2,2-Tetrachloroethane
Concen: 20.365 ug/l
RT: 12.593 min Scan# 1767
Delta R.T. -0.000 min
Lab File: VY016502.D
Acq: 27 Nov 2023 11:58

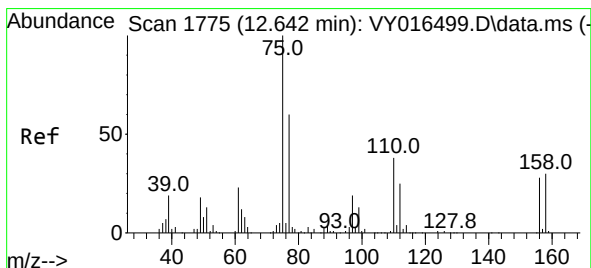
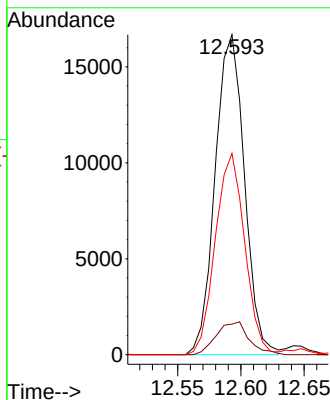
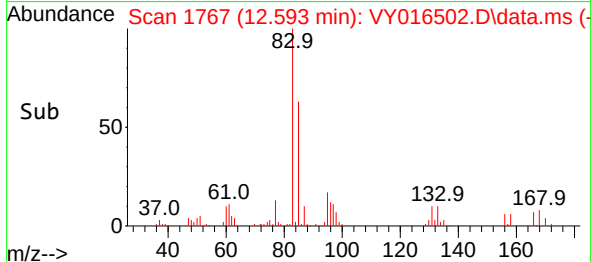
Instrument :
MSVOA_Y
ClientSampleId :
VY1127SBSD01



Tgt Ion: 83 Resp: 26892
Ion Ratio Lower Upper
83 100
131 11.4 5.4 16.2
85 63.0 31.8 95.4

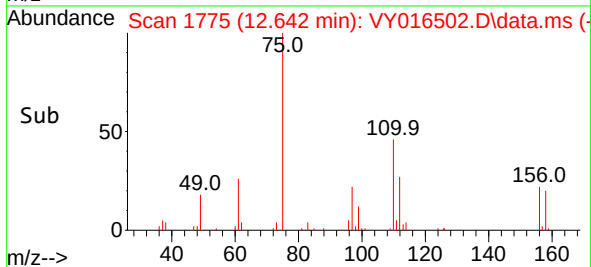
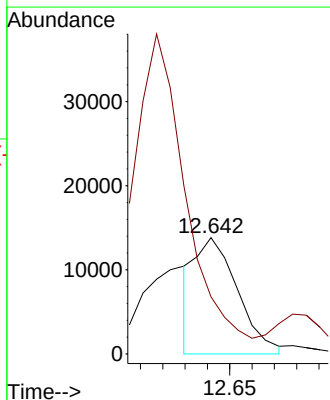
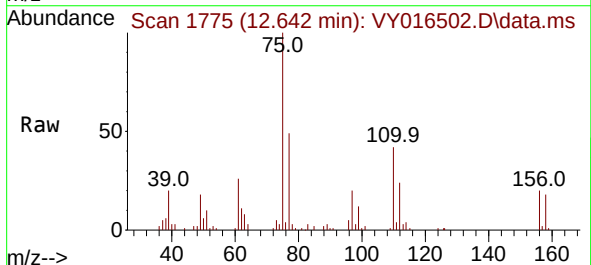
Manual Integrations
APPROVED

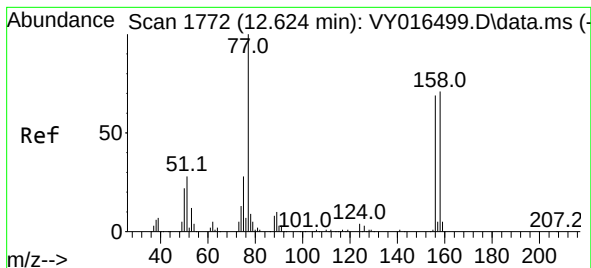
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#76
1,2,3-Trichloropropane
Concen: 18.880 ug/l m
RT: 12.642 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VY016502.D
Acq: 27 Nov 2023 11:58

Tgt Ion: 75 Resp: 18406
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.317 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. -0.000 min

Lab File: VY016502.D

Acq: 27 Nov 2023 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VY1127SBSD01

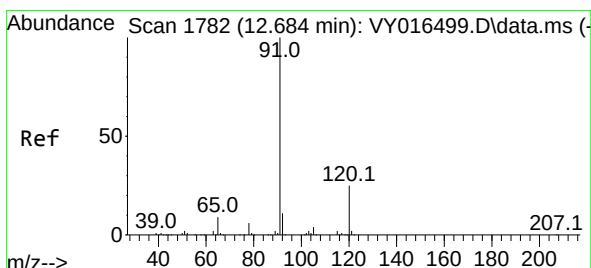
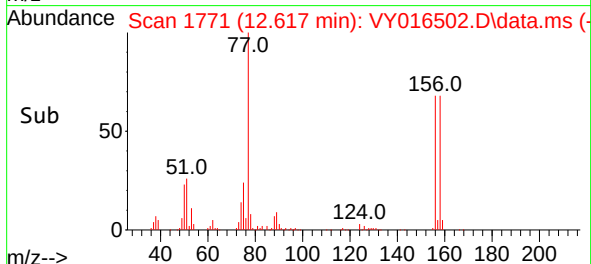
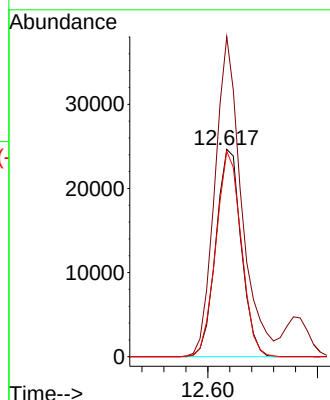
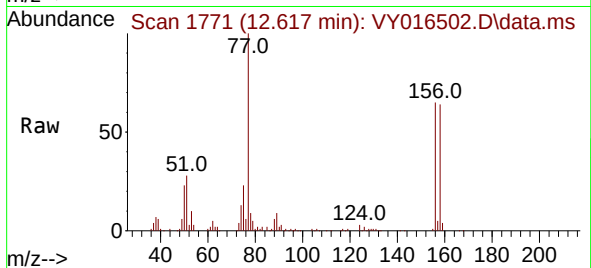
Tgt Ion:	156	Resp:	3964
Ion Ratio	Lower	Upper	
156	100		
77	161.7	92.8	278.6
158	99.0	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/28/2023

Supervised By :Mahesh Dadoda 11/28/2023



#78

n-propylbenzene

Concen: 19.897 ug/l

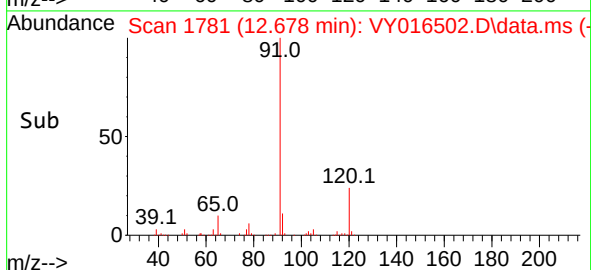
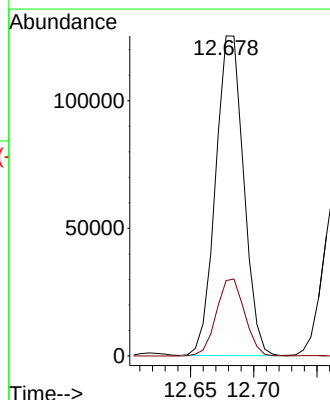
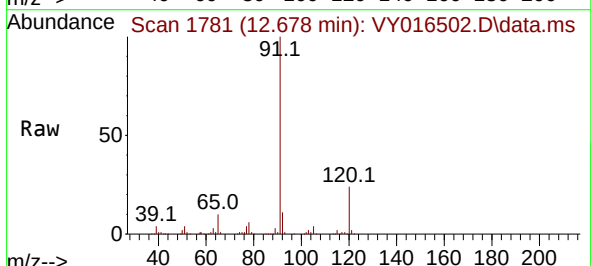
RT: 12.678 min Scan# 1781

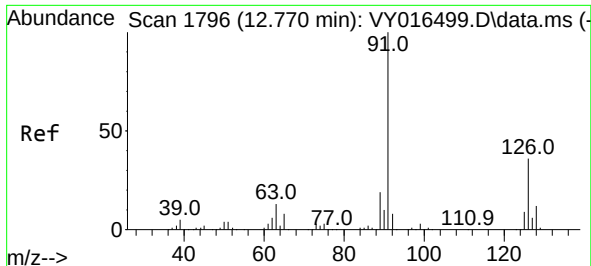
Delta R.T. -0.000 min

Lab File: VY016502.D

Acq: 27 Nov 2023 11:58

Tgt Ion:	91	Resp:	193509
Ion Ratio	Lower	Upper	
91	100		
120	24.1	11.5	34.4





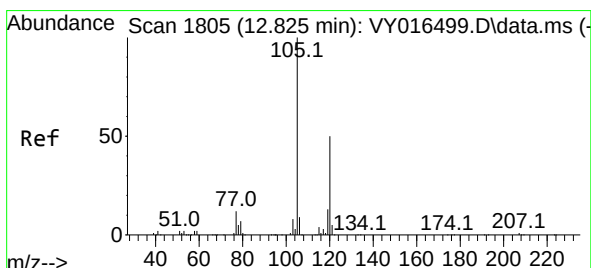
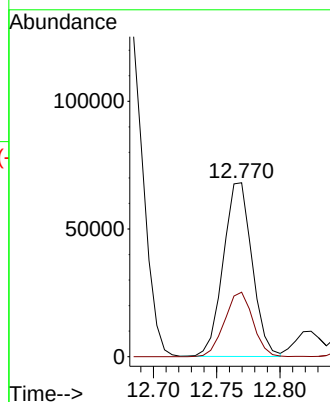
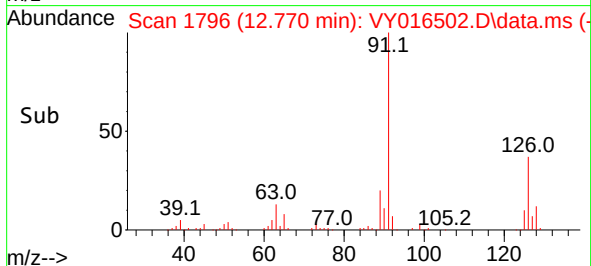
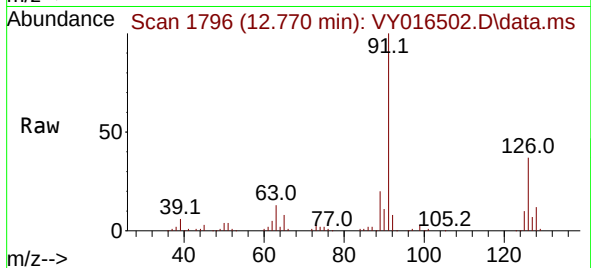
#79
2-Chlorotoluene
Concen: 20.155 ug/l
RT: 12.770 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VY016502.D
Acq: 27 Nov 2023 11:58

Instrument :
MSVOA_Y
ClientSampleId :
VY1127SBS01

Tgt Ion: 91 Resp: 108023
Ion Ratio Lower Upper
91 100
126 36.6 17.3 51.7

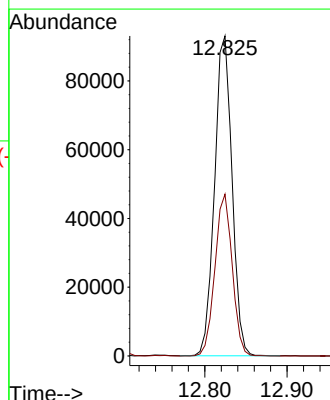
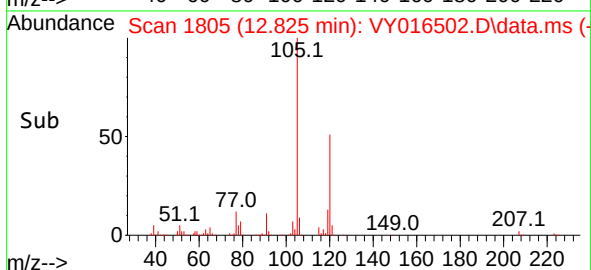
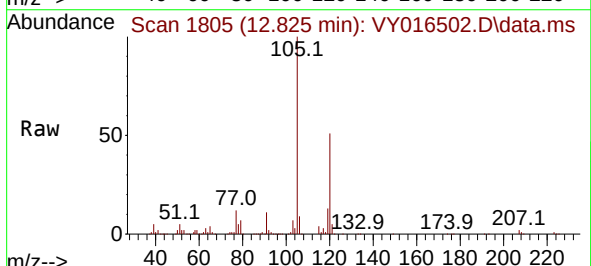
Manual Integrations
APPROVED

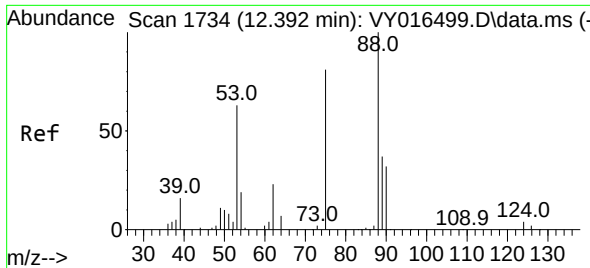
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#80
1,3,5-Trimethylbenzene
Concen: 20.699 ug/l
RT: 12.825 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VY016502.D
Acq: 27 Nov 2023 11:58

Tgt Ion:105 Resp: 137337
Ion Ratio Lower Upper
105 100
120 50.1 23.9 71.7





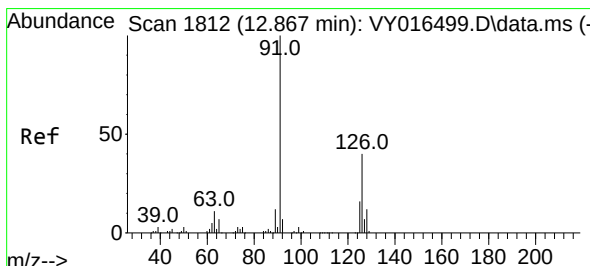
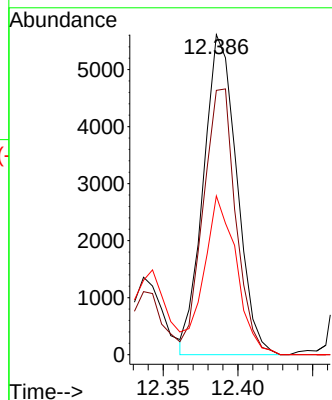
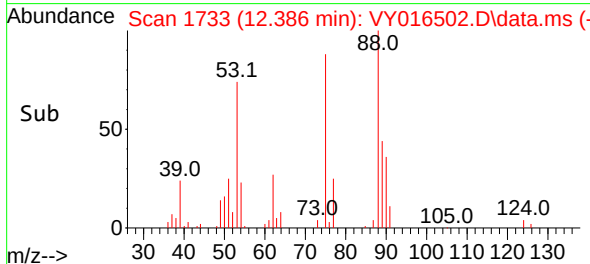
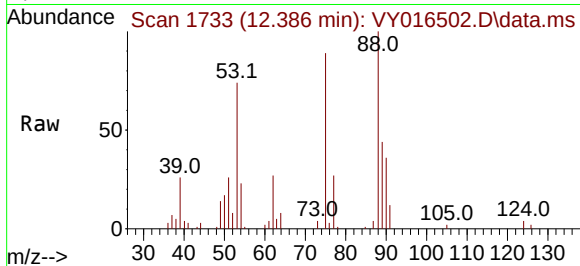
#81
trans-1,4-Dichloro-2-butene
Concen: 19.375 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. -0.000 min
Lab File: VY016502.D
Acq: 27 Nov 2023 11:58

Instrument :
MSVOA_Y
ClientSampleId :
VY1127SBSD01

Tgt Ion: 75 Resp: 870
Ion Ratio Lower Upper
75 100
53 81.2 77.8 116.8
89 48.4 37.4 56.0

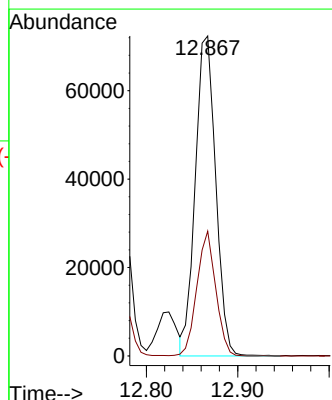
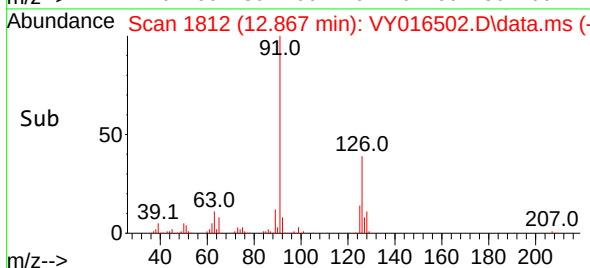
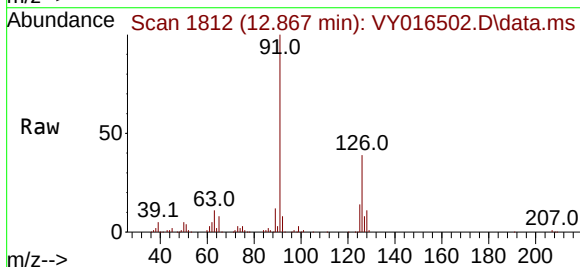
Manual Integrations
APPROVED

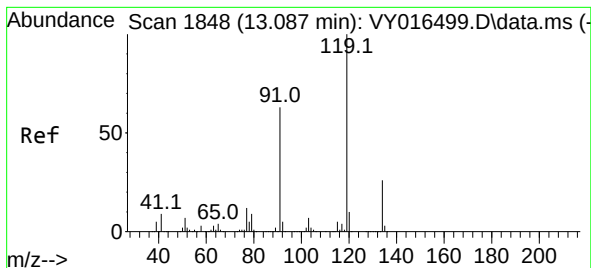
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#82
4-Chlorotoluene
Concen: 20.323 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY016502.D
Acq: 27 Nov 2023 11:58

Tgt Ion: 91 Resp: 112551
Ion Ratio Lower Upper
91 100
126 36.1 17.2 51.6





#83

tert-Butylbenzene

Concen: 20.792 ug/l

RT: 13.087 min Scan# 119

Delta R.T. 0.006 min

Lab File: VY016502.D

Acq: 27 Nov 2023 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VY1127SBSD01

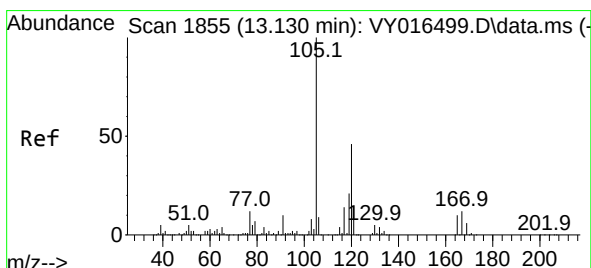
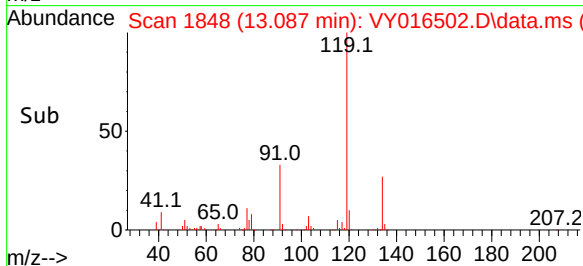
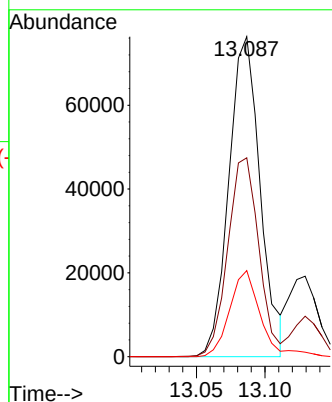
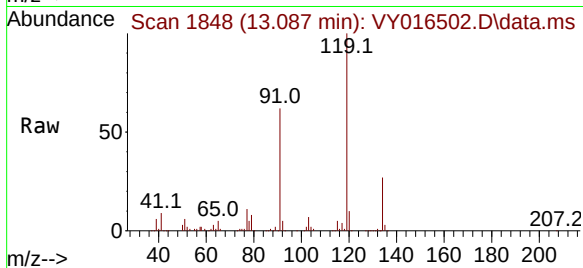
Tgt Ion:	119	Resp:	121509
Ion Ratio	Lower	Upper	
119	100		
91	61.7	32.9	98.6
134	26.6	13.0	38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/28/2023

Supervised By :Mahesh Dadoda 11/28/2023



#84

1,2,4-Trimethylbenzene

Concen: 20.832 ug/l

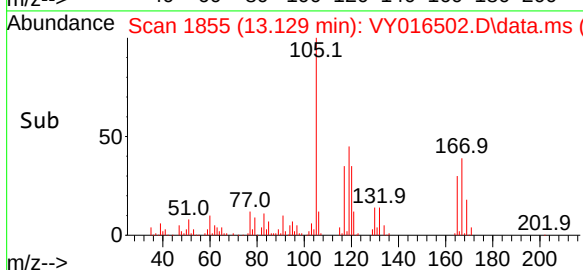
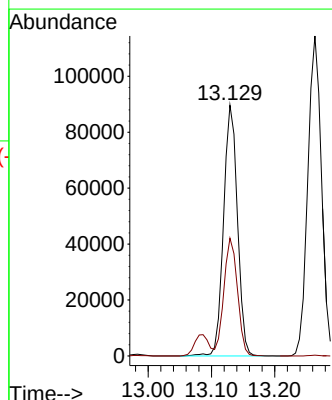
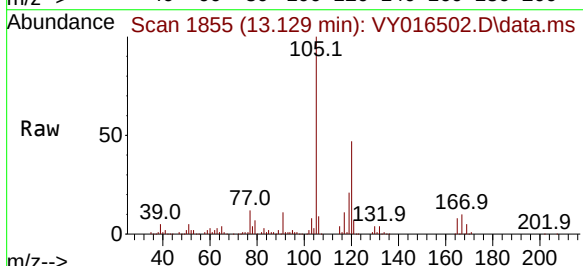
RT: 13.129 min Scan# 1855

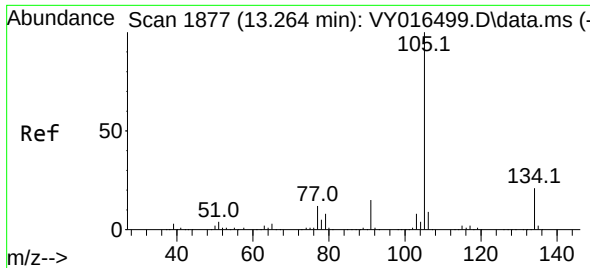
Delta R.T. -0.000 min

Lab File: VY016502.D

Acq: 27 Nov 2023 11:58

Tgt Ion:	105	Resp:	136100
Ion Ratio	Lower	Upper	
105	100		
120	45.7	22.2	66.6





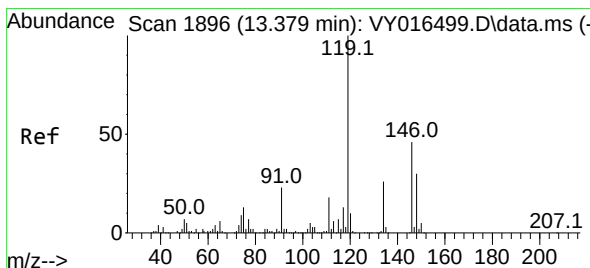
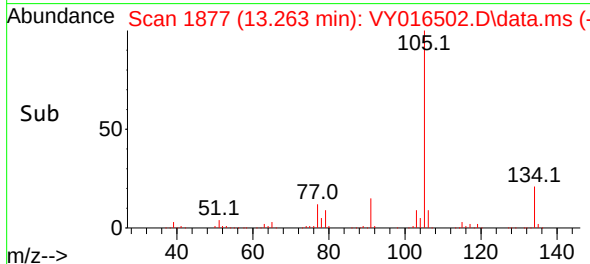
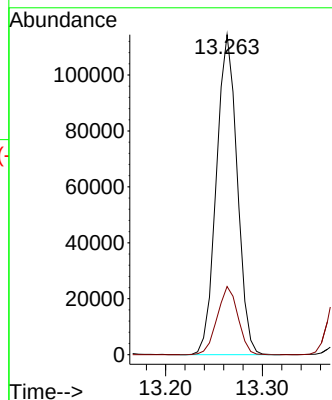
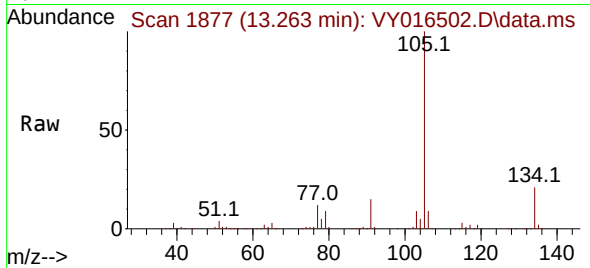
#85
 sec-Butylbenzene
 Concen: 20.451 ug/l
 RT: 13.263 min Scan# 1877
 Delta R.T. -0.000 min
 Lab File: VY016502.D
 Acq: 27 Nov 2023 11:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1127SBS01

Tgt Ion:105 Resp: 170748
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.2 30.6

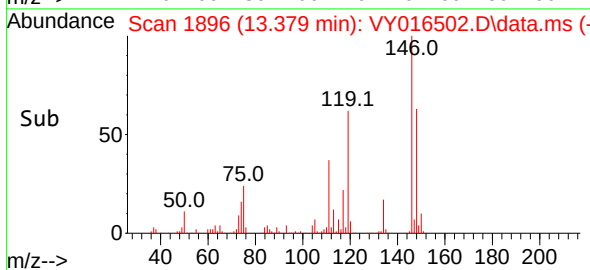
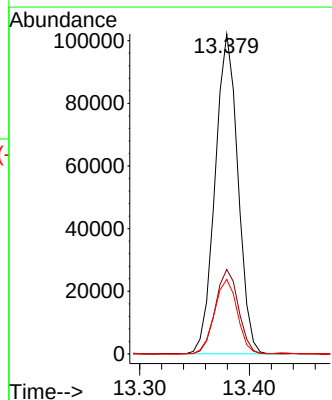
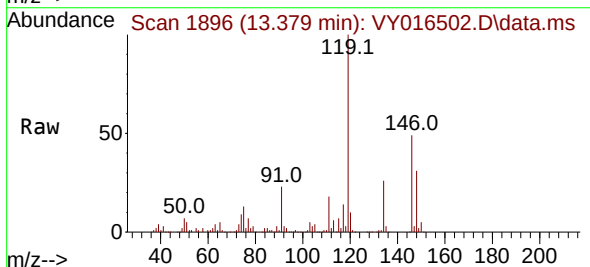
Manual Integrations
 APPROVED

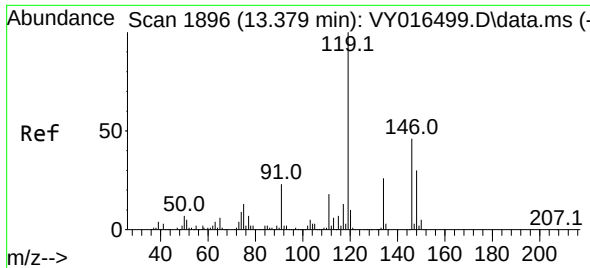
Reviewed By :John Carlone 11/28/2023
 Supervised By :Mahesh Dadoda 11/28/2023



#86
 p-Isopropyltoluene
 Concen: 20.555 ug/l
 RT: 13.379 min Scan# 1896
 Delta R.T. -0.000 min
 Lab File: VY016502.D
 Acq: 27 Nov 2023 11:58

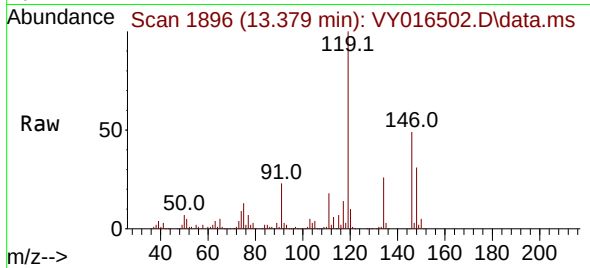
Tgt Ion:119 Resp: 147772
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.3 39.8
 91 23.6 12.4 37.4





#87
1,3-Dichlorobenzene
Concen: 21.217 ug/l
RT: 13.379 min Scan# 1896
Delta R.T. 0.006 min
Lab File: VY016502.D
Acq: 27 Nov 2023 11:58

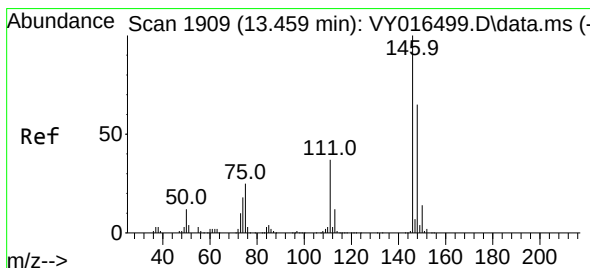
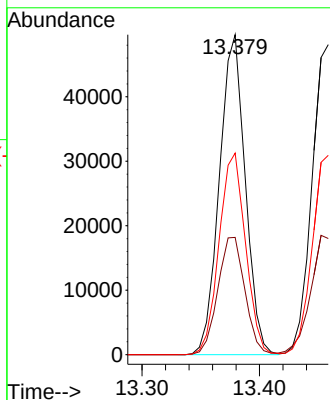
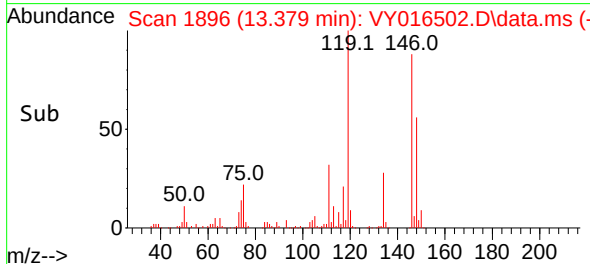
Instrument :
MSVOA_Y
ClientSampleId :
VY1127SBSD01



Tgt Ion:146 Resp: 7592
Ion Ratio Lower Upper
146 100
111 38.4 19.4 58.2
148 64.5 31.9 95.5

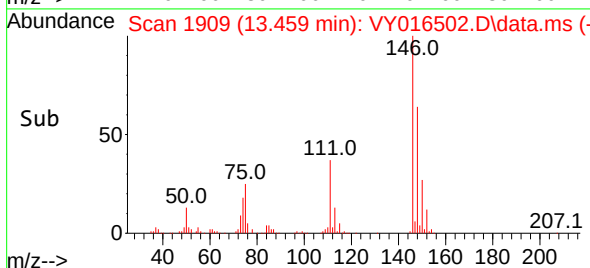
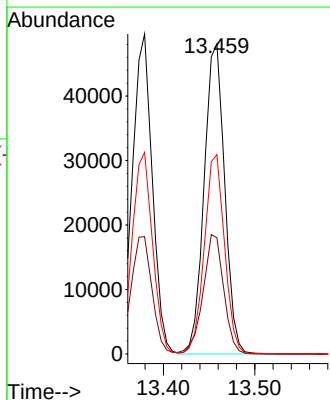
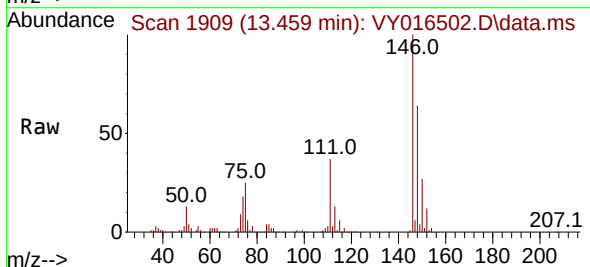
Manual Integrations
APPROVED

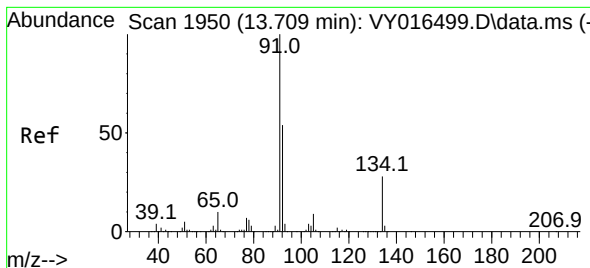
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#88
1,4-Dichlorobenzene
Concen: 21.500 ug/l
RT: 13.459 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VY016502.D
Acq: 27 Nov 2023 11:58

Tgt Ion:146 Resp: 75187
Ion Ratio Lower Upper
146 100
111 39.0 18.9 56.7
148 63.6 32.1 96.5





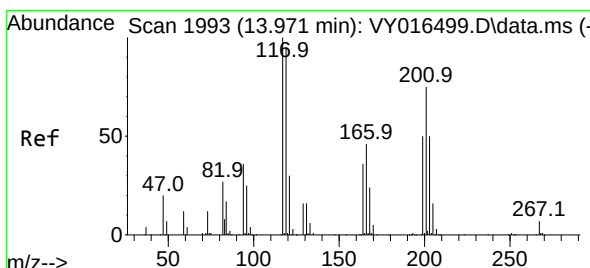
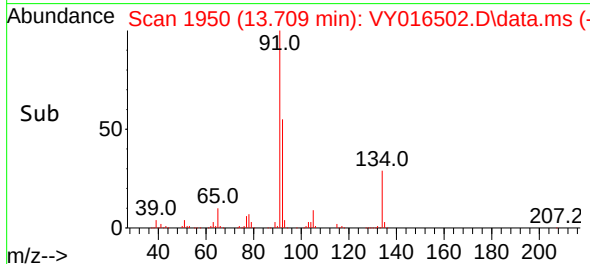
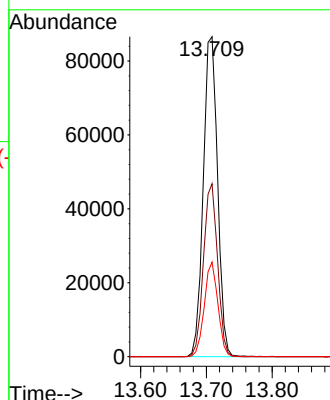
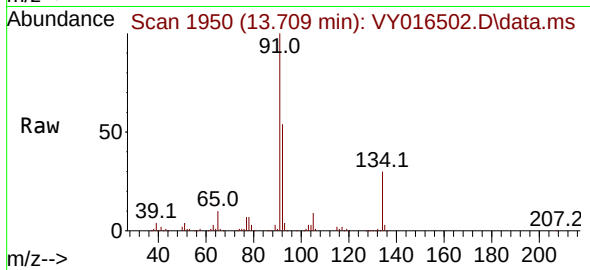
#89
n-Butylbenzene
Concen: 19.707 ug/l
RT: 13.709 min Scan# 1950
Delta R.T. 0.006 min
Lab File: VY016502.D
Acq: 27 Nov 2023 11:58

Instrument :
MSVOA_Y
ClientSampleId :
VY1127SBSD01

Tgt Ion: 91 Resp: 13083
Ion Ratio Lower Upper
91 100
92 53.2 25.4 76.0
134 28.1 12.6 37.6

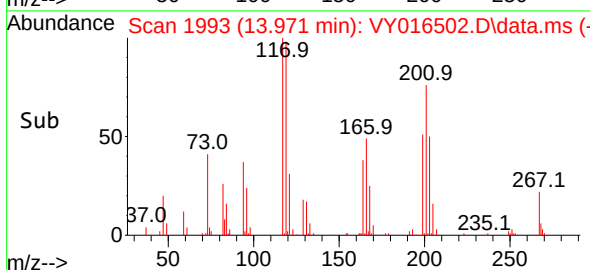
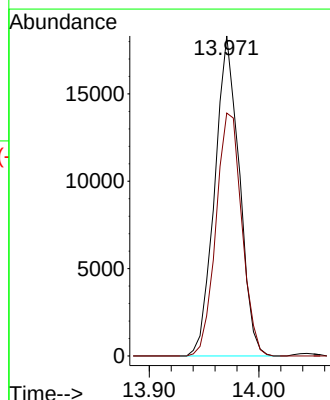
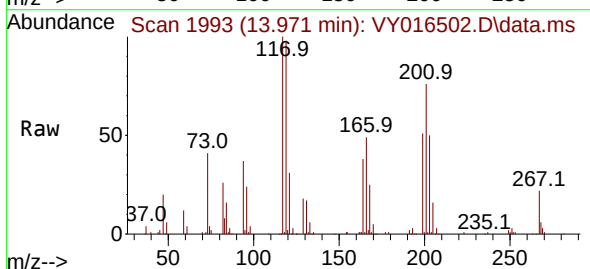
Manual Integrations
APPROVED

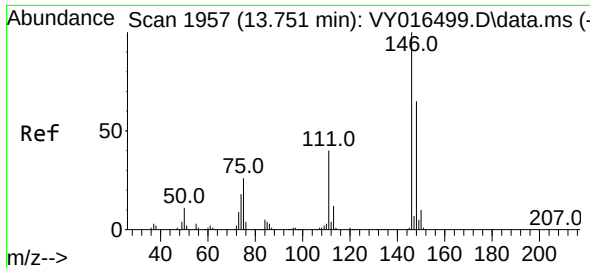
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#90
Hexachloroethane
Concen: 20.574 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VY016502.D
Acq: 27 Nov 2023 11:58

Tgt Ion:117 Resp: 28533
Ion Ratio Lower Upper
117 100
201 79.7 41.6 124.8





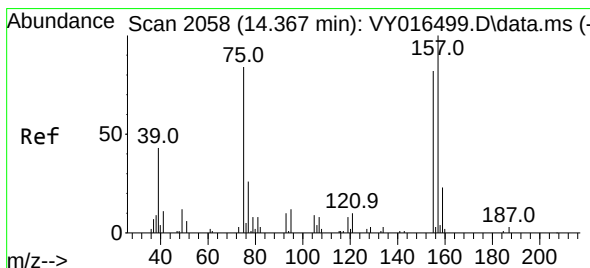
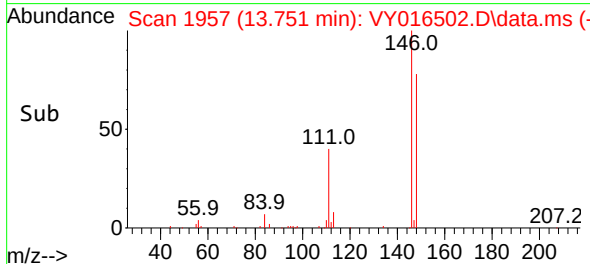
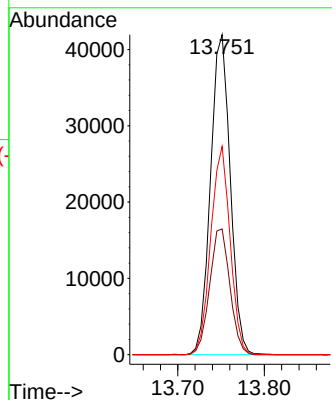
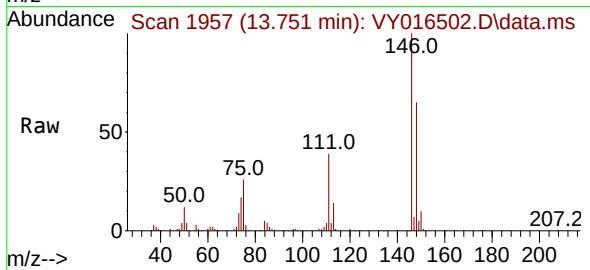
#91
1,2-Dichlorobenzene
Concen: 21.634 ug/l
RT: 13.751 min Scan# 1957
Delta R.T. 0.006 min
Lab File: VY016502.D
Acq: 27 Nov 2023 11:58

Instrument :
MSVOA_Y
ClientSampleId :
VY1127SBSD01

Tgt Ion:146 Resp: 66334
Ion Ratio Lower Upper
146 100
111 40.5 19.7 59.0
148 64.0 32.0 96.2

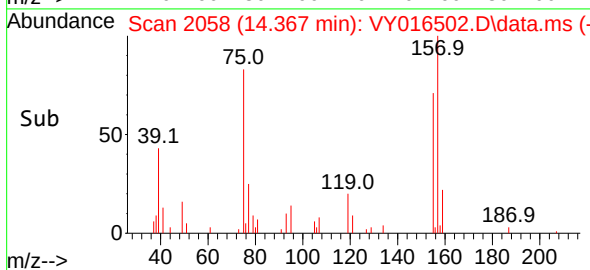
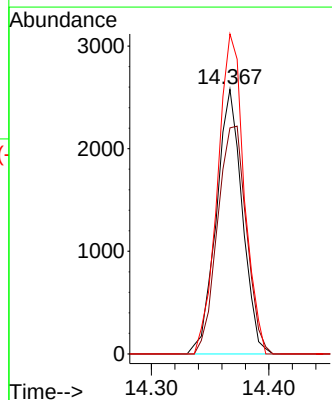
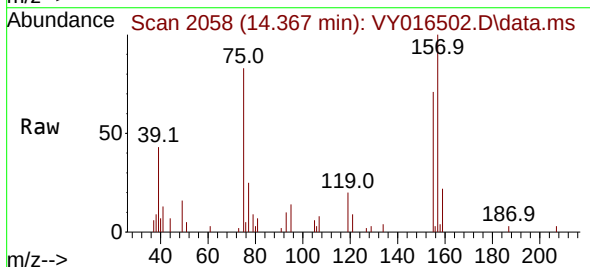
Manual Integrations
APPROVED

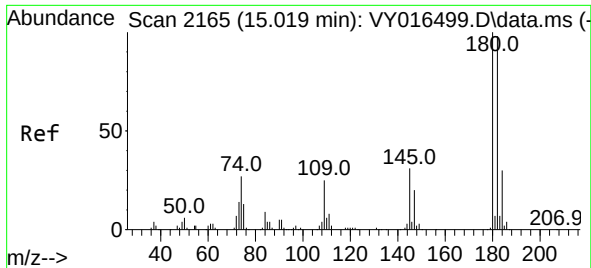
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.834 ug/l
RT: 14.367 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VY016502.D
Acq: 27 Nov 2023 11:58

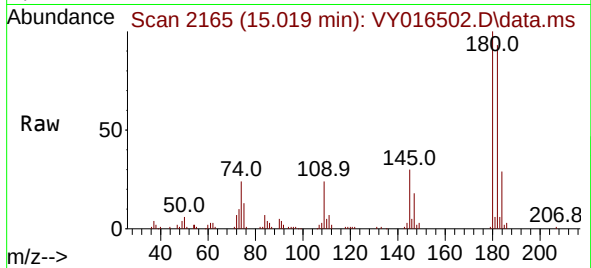
Tgt Ion: 75 Resp: 3957
Ion Ratio Lower Upper
75 100
155 95.7 41.5 124.6
157 123.4 51.8 155.5





#93
1,2,4-Trichlorobenzene
Concen: 20.856 ug/l
RT: 15.019 min Scan# 2165
Delta R.T. 0.006 min
Lab File: VY016502.D
Acq: 27 Nov 2023 11:58

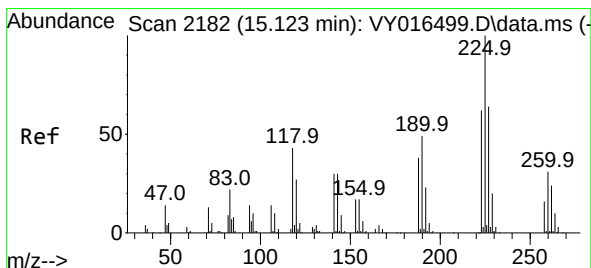
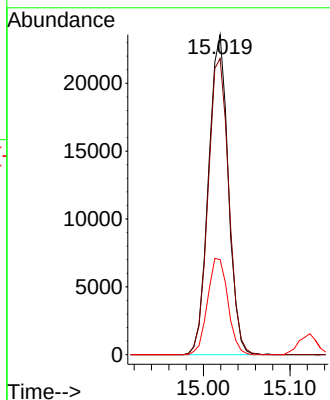
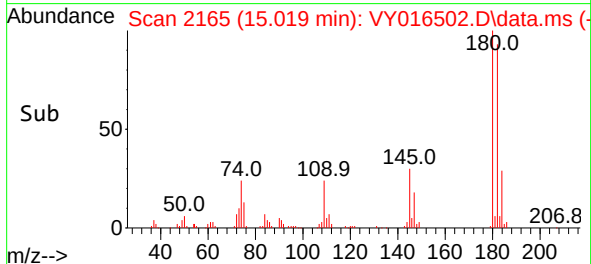
Instrument :
MSVOA_Y
ClientSampleId :
VY1127SBSD01



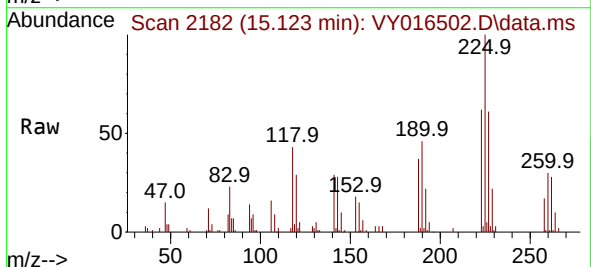
Tgt Ion:180 Resp: 3732
Ion Ratio Lower Upper
180 100
182 96.6 47.0 141.2
145 31.0 14.5 43.5

Manual Integrations
APPROVED

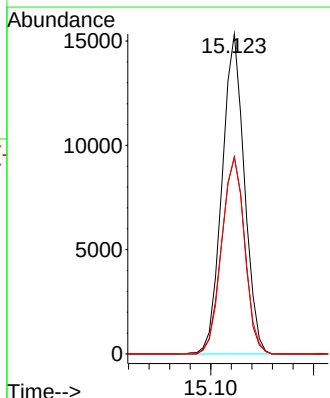
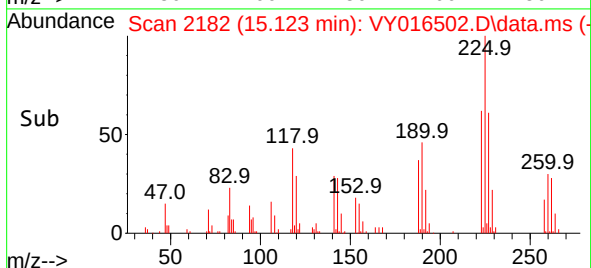
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023

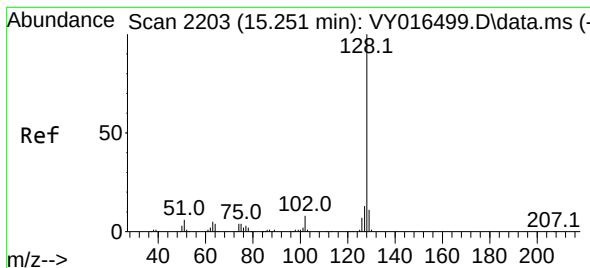


#94
Hexachlorobutadiene
Concen: 22.523 ug/l
RT: 15.123 min Scan# 2182
Delta R.T. -0.000 min
Lab File: VY016502.D
Acq: 27 Nov 2023 11:58



Tgt Ion:225 Resp: 23095
Ion Ratio Lower Upper
225 100
223 63.6 31.9 95.9
227 63.4 33.0 98.9





#95

Naphthalene

Concen: 20.097 ug/l

RT: 15.245 min Scan# 2203

Delta R.T. -0.000 min

Lab File: VY016502.D

Acq: 27 Nov 2023 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VY1127SBSD01

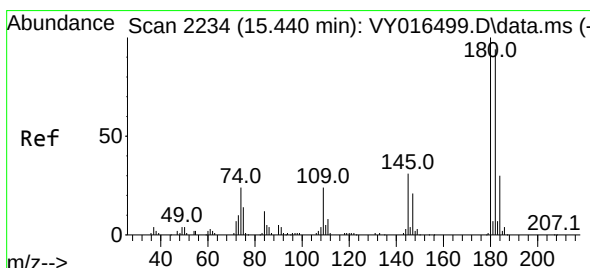
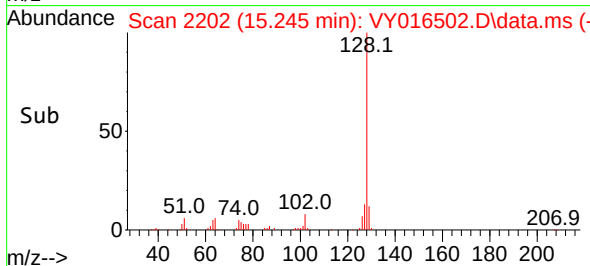
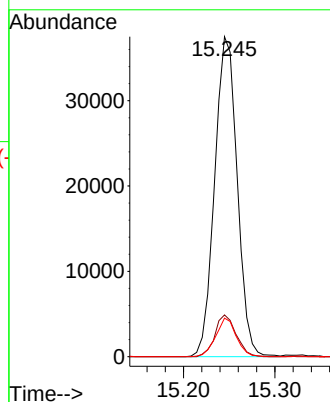
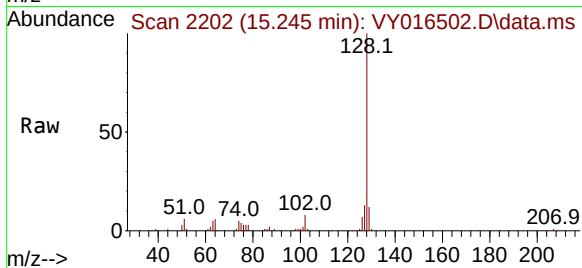
Tgt Ion:128	Resp: 6433
Ion Ratio	Lower Upper
128 100	
127 12.2	10.8 16.2
129 11.0	8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/28/2023

Supervised By :Mahesh Dadoda 11/28/2023



#96

1,2,3-Trichlorobenzene

Concen: 20.555 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY016502.D

Acq: 27 Nov 2023 11:58

Tgt Ion:180	Resp: 30429
Ion Ratio	Lower Upper
180 100	
182 96.0	47.3 141.8
145 33.5	15.4 46.2

