

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103123\
 Data File : VY016148.D
 Acq On : 31 Oct 2023 15:03
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY103123

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/01/2023
 Supervised By : Mahesh Dadoda 11/01/2023

Quant Time: Nov 01 03:36:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	182471	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	286257	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	249025	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	116252	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	89649	52.505	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.000%			
35) Dibromofluoromethane	7.728	113	88174	51.667	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.340%			
50) Toluene-d8	10.191	98	357959	52.904	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 105.800%			
62) 4-Bromofluorobenzene	12.489	95	119022	51.442	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 102.880%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	59343	50.983	ug/l	97
3) Chloromethane	2.119	50	76978	47.766	ug/l	99
4) Vinyl Chloride	2.253	62	85171	51.206	ug/l	96
5) Bromomethane	2.656	94	60143	53.579	ug/l	98
6) Chloroethane	2.802	64	58826	50.236	ug/l	98
7) Trichlorofluoromethane	3.137	101	126533	50.390	ug/l	98
8) Diethyl Ether	3.534	74	43172	51.874	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.912	101	79284	50.119	ug/l	96
10) Methyl Iodide	4.100	142	94546	53.748	ug/l	96
11) Tert butyl alcohol	4.966	59	31404	246.168	ug/l #	80
12) 1,1-Dichloroethene	3.887	96	72808	50.426	ug/l	89
13) Acrolein	3.741	56	30289	258.687	ug/l	98
14) Allyl chloride	4.491	41	106958	51.790	ug/l	96
15) Acrylonitrile	5.173	53	94024	264.384	ug/l	99
16) Acetone	3.954	43	70898	260.956	ug/l	91
17) Carbon Disulfide	4.210	76	190503	52.848	ug/l	99
18) Methyl Acetate	4.491	43	72942	53.121	ug/l	92
19) Methyl tert-butyl Ether	5.234	73	215799	52.544	ug/l	98
20) Methylene Chloride	4.728	84	87568	50.451	ug/l	92
21) trans-1,2-Dichloroethene	5.234	96	86036	51.156	ug/l	93
22) Diisopropyl ether	6.131	45	258831	51.815	ug/l	88
23) Vinyl Acetate	6.070	43	649273	264.731	ug/l	95
24) 1,1-Dichloroethane	6.027	63	152356	50.962	ug/l	99
25) 2-Butanone	6.996	43	119994	254.729	ug/l	91
26) 2,2-Dichloropropane	6.996	77	144843	51.252	ug/l	97
27) cis-1,2-Dichloroethene	6.996	96	101490	51.277	ug/l	93
28) Bromochloromethane	7.344	49	54309	48.545	ug/l	90
29) Tetrahydrofuran	7.356	42	78391	265.470	ug/l	89
30) Chloroform	7.521	83	166552	51.171	ug/l	97
31) Cyclohexane	7.795	56	126881	48.340	ug/l	91
32) 1,1,1-Trichloroethane	7.710	97	151561	50.775	ug/l	98
36) 1,1-Dichloropropene	7.929	75	122592	49.747	ug/l	98
37) Ethyl Acetate	7.082	43	56600	51.567	ug/l #	95
38) Carbon Tetrachloride	7.911	117	128652	52.696	ug/l	97
39) Methylcyclohexane	9.191	83	149472	50.814	ug/l	92
40) Benzene	8.173	78	356775	50.430	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	30531	47.922	ug/l	93
42) 1,2-Dichloroethane	8.246	62	100426	50.866	ug/l	94
43) Isopropyl Acetate	8.283	43	114233	52.615	ug/l #	92
44) Trichloroethene	8.947	130	104771	50.606	ug/l	96
45) 1,2-Dichloropropane	9.222	63	87773	51.573	ug/l	97
46) Dibromomethane	9.313	93	49506	51.278	ug/l	97
47) Bromodichloromethane	9.502	83	126849	51.712	ug/l	99
48) Methyl methacrylate	9.301	41	51941	52.612	ug/l	89
49) 1,4-Dioxane	9.307	88	11861	1036.986	ug/l #	51
51) 4-Methyl-2-Pentanone	10.075	43	289057	266.829	ug/l	91
52) Toluene	10.252	92	233910	51.023	ug/l	95
53) t-1,3-Dichloropropene	10.471	75	128277	52.385	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	147002	51.160	ug/l	91
55) 1,1,2-Trichloroethane	10.654	97	69528	51.197	ug/l	95
56) Ethyl methacrylate	10.514	69	95879	54.363	ug/l #	85
57) 1,3-Dichloropropane	10.794	76	117093	50.648	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.788	63	216080	252.660	ug/l	92
59) 2-Hexanone	10.837	43	195672	263.586	ug/l	90
60) Dibromochloromethane	10.990	129	87851	51.564	ug/l	99
61) 1,2-Dibromoethane	11.099	107	66679	51.620	ug/l	99
64) Tetrachloroethene	10.727	164	108671	49.060	ug/l	97
65) Chlorobenzene	11.526	112	251939	50.922	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.599	131	93000	50.750	ug/l	97
67) Ethyl Benzene	11.599	91	456357	51.570	ug/l	98
68) m/p-Xylenes	11.709	106	351122	102.682	ug/l	95
69) o-Xylene	12.038	106	166263	50.925	ug/l	97
70) Styrene	12.050	104	278875	51.381	ug/l	97
71) Bromoform	12.215	173	52901	52.037	ug/l #	99
73) Isopropylbenzene	12.337	105	448210	51.398	ug/l	99
74) N-amyl acetate	12.148	43	103004	54.356	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.587	83	73253	52.790	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	57159m	52.212	ug/l	
77) Bromobenzene	12.617	156	103025	52.176	ug/l	94
78) n-propylbenzene	12.678	91	530827	51.488	ug/l	99
79) 2-Chlorotoluene	12.764	91	293081	50.969	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	362542	51.316	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.386	75	27266	54.002	ug/l	92
82) 4-Chlorotoluene	12.861	91	305760	51.782	ug/l	99
83) tert-Butylbenzene	13.081	119	325141	51.435	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	357942	51.202	ug/l	98
85) sec-Butylbenzene	13.257	105	478589	51.583	ug/l	99
86) p-Isopropyltoluene	13.373	119	399234	51.918	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	200314	51.295	ug/l	100
88) 1,4-Dichlorobenzene	13.452	146	195008	50.524	ug/l	99
89) n-Butylbenzene	13.702	91	362078	51.245	ug/l	96
90) Hexachloroethane	13.965	117	69038	52.098	ug/l	93
91) 1,2-Dichlorobenzene	13.745	146	173063	51.292	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	12152	48.933	ug/l	88
93) 1,2,4-Trichlorobenzene	15.013	180	108085	51.900	ug/l	99
94) Hexachlorobutadiene	15.117	225	57739	50.737	ug/l	97
95) Naphthalene	15.239	128	210866	52.120	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	92323	51.896	ug/l	98

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

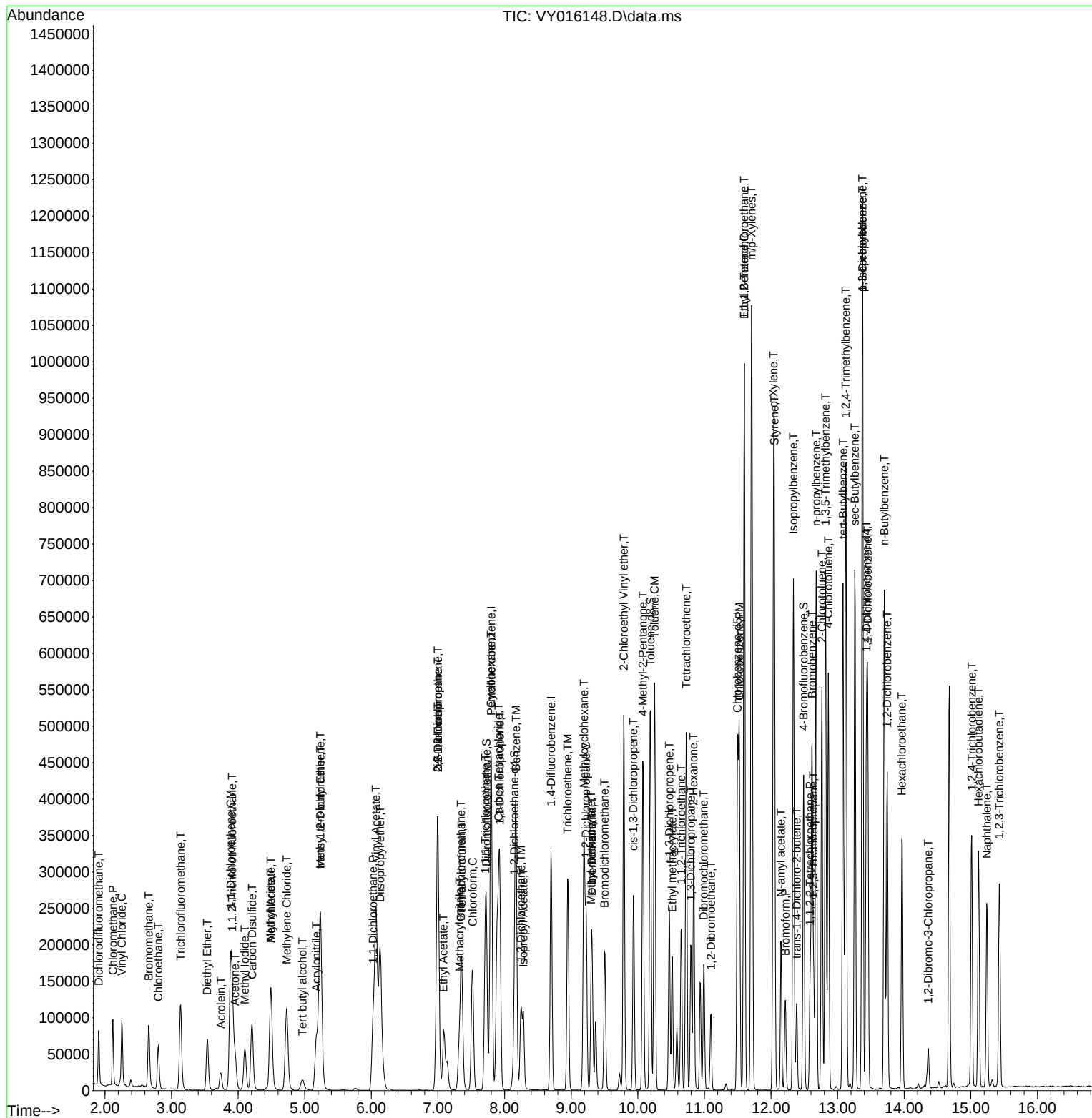
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Data File : VY016148.D
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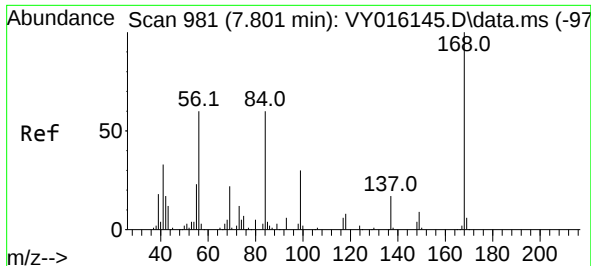
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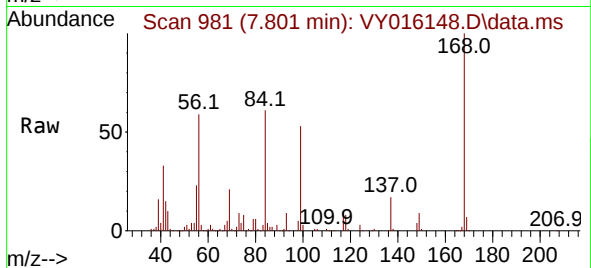
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
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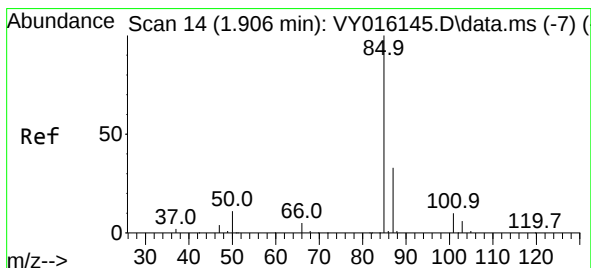
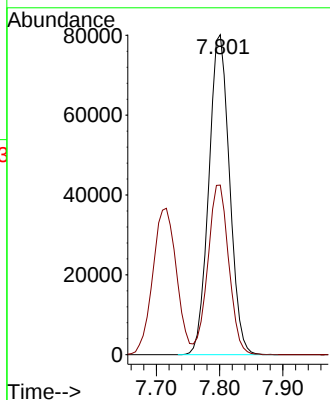
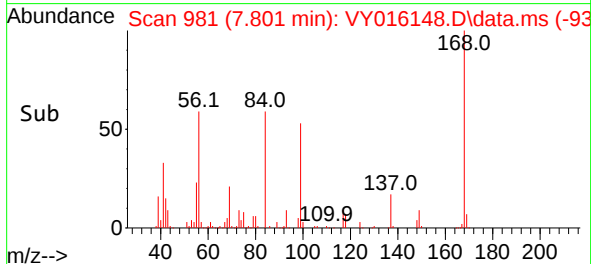
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ClientSampleId :
ICVY103123



Tgt Ion:168 Resp: 18247
Ion Ratio Lower Upper
168 100
99 53.0 43.4 65.0

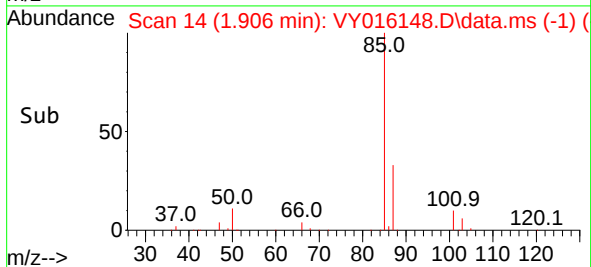
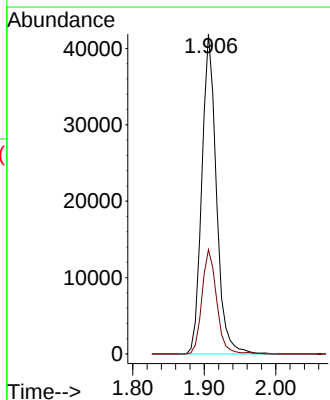
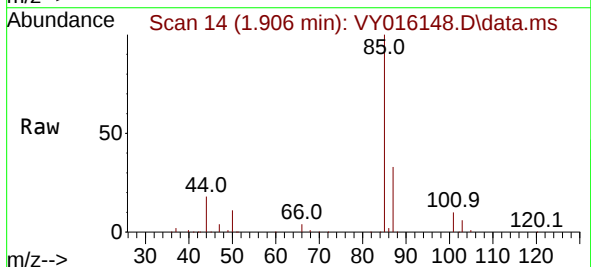
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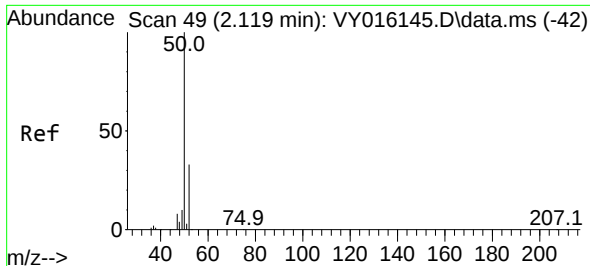
Reviewed By :John Carlone 11/01/2023
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#2
Dichlorodifluoromethane
Concen: 50.983 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY016148.D
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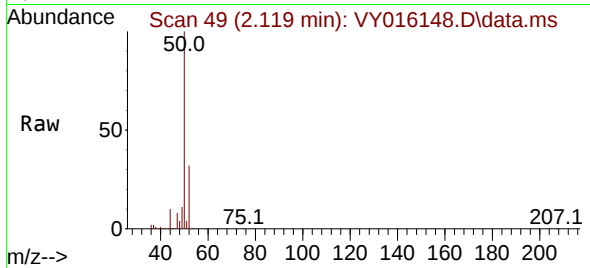
Tgt Ion: 85 Resp: 59343
Ion Ratio Lower Upper
85 100
87 32.6 15.6 46.8





#3
Chloromethane
Concen: 47.766 ug/l
RT: 2.119 min Scan# 49
Delta R.T. -0.000 min
Lab File: VY016148.D
Acq: 31 Oct 2023 15:03

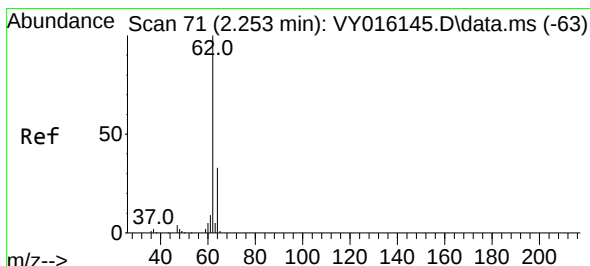
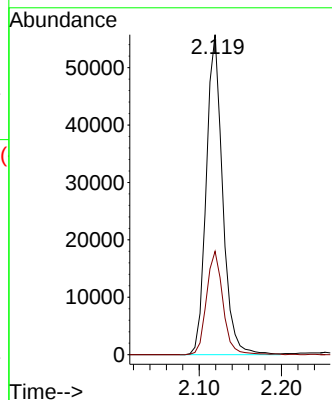
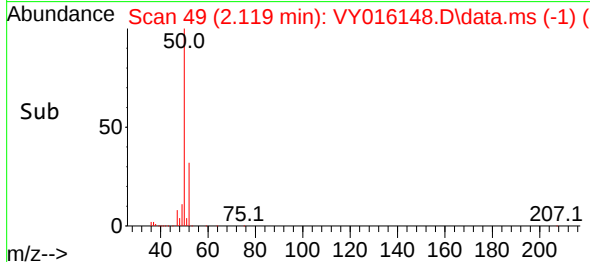
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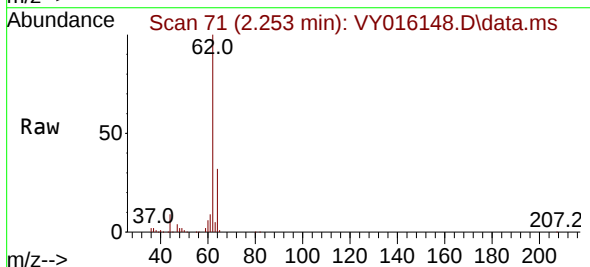
Tgt Ion: 50 Resp: 76978
Ion Ratio Lower Upper
50 100
52 32.3 25.4 38.2

Manual Integrations
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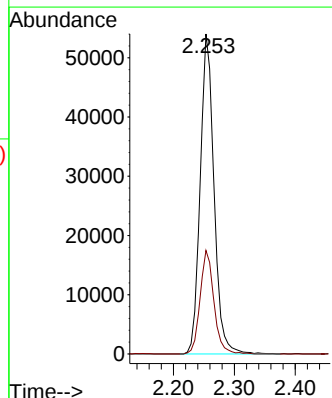
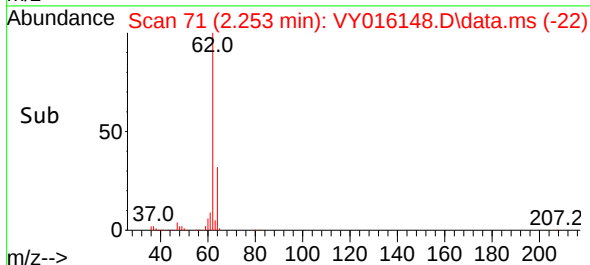
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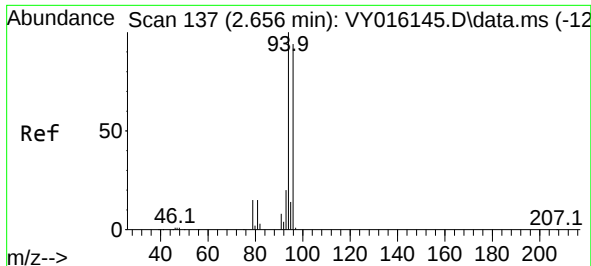


#4
Vinyl Chloride
Concen: 51.206 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.000 min
Lab File: VY016148.D
Acq: 31 Oct 2023 15:03



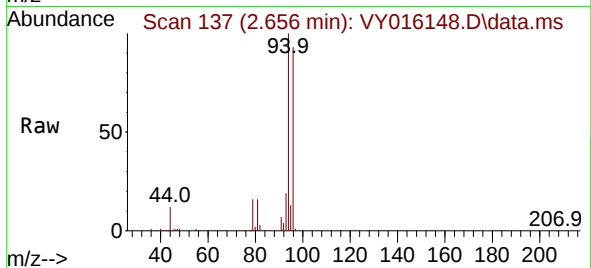
Tgt Ion: 62 Resp: 85171
Ion Ratio Lower Upper
62 100
64 32.4 24.3 36.5





#5
Bromomethane
Concen: 53.579 ug/l
RT: 2.656 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY016148.D
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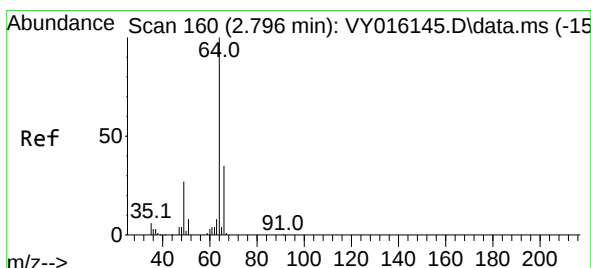
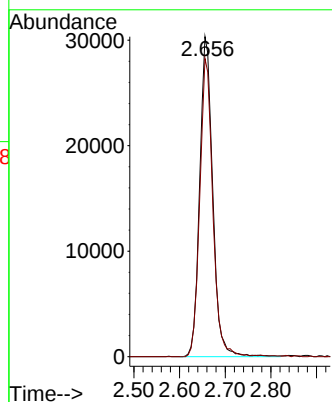
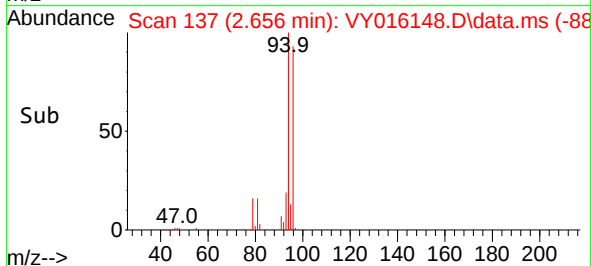
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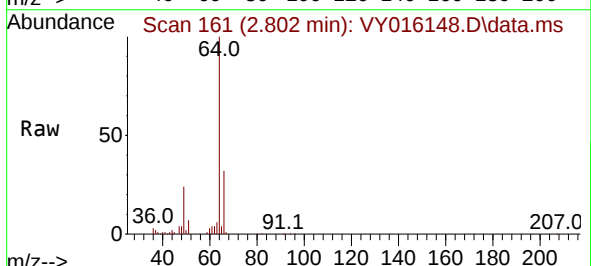
Tgt Ion: 94 Resp: 6014
Ion Ratio Lower Upper
94 100
96 93.1 75.8 113.6

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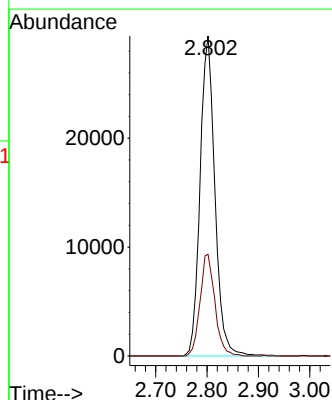
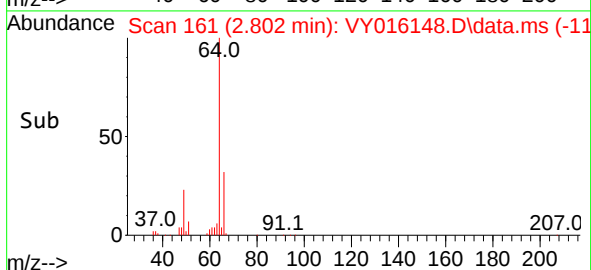
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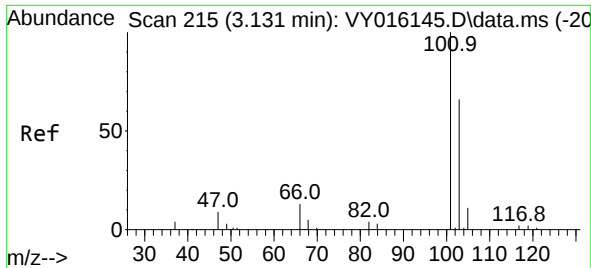


#6
Chloroethane
Concen: 50.236 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.006 min
Lab File: VY016148.D
Acq: 31 Oct 2023 15:03



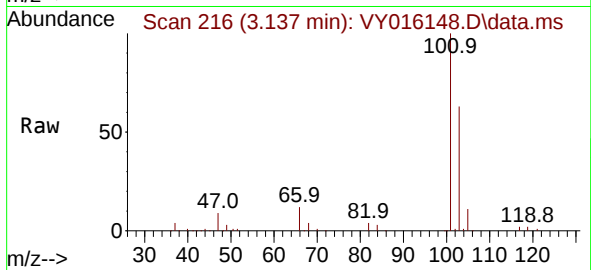
Tgt Ion: 64 Resp: 58826
Ion Ratio Lower Upper
64 100
66 31.7 24.4 36.6





#7
Trichlorofluoromethane
Concen: 50.390 ug/l
RT: 3.137 min Scan# 215
Delta R.T. 0.006 min
Lab File: VY016148.D
Acq: 31 Oct 2023 15:03

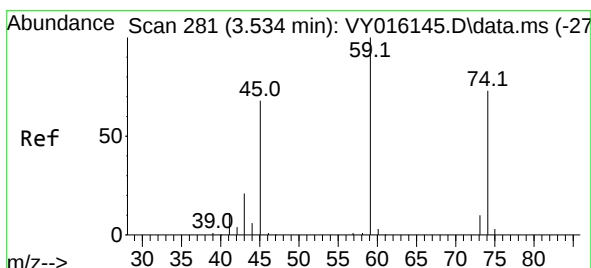
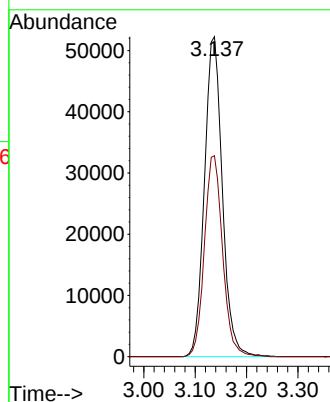
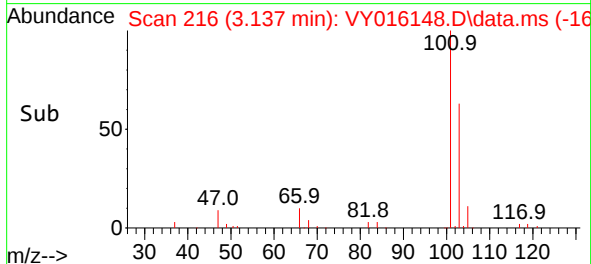
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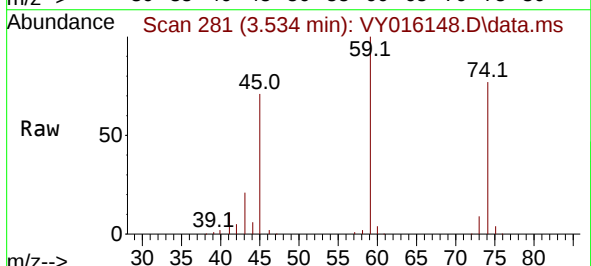
Tgt Ion:101 Resp: 12653
Ion Ratio Lower Upper
101 100
103 62.8 51.4 77.0

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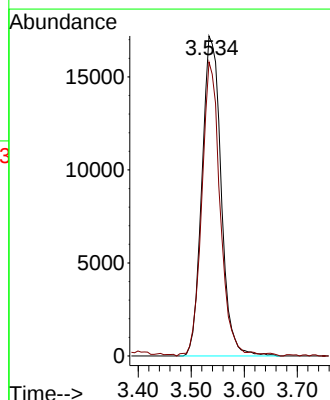
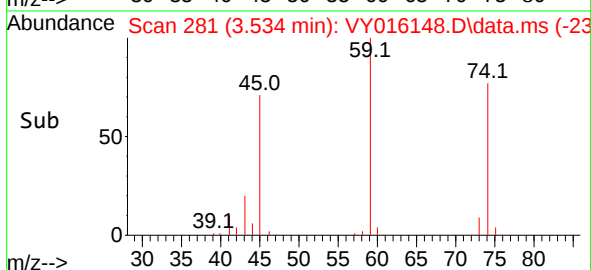
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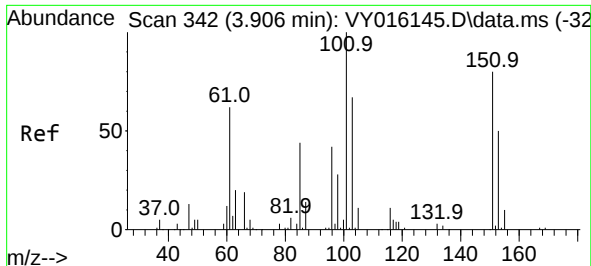


#8
Diethyl Ether
Concen: 51.874 ug/l
RT: 3.534 min Scan# 281
Delta R.T. -0.000 min
Lab File: VY016148.D
Acq: 31 Oct 2023 15:03



Tgt Ion: 74 Resp: 43172
Ion Ratio Lower Upper
74 100
45 88.0 51.5 154.5





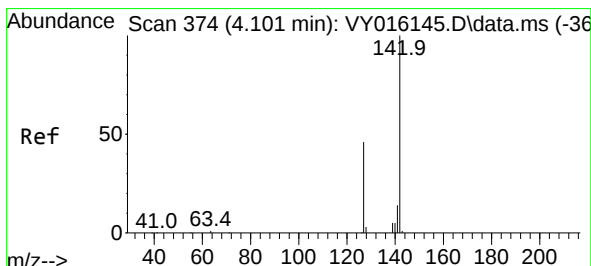
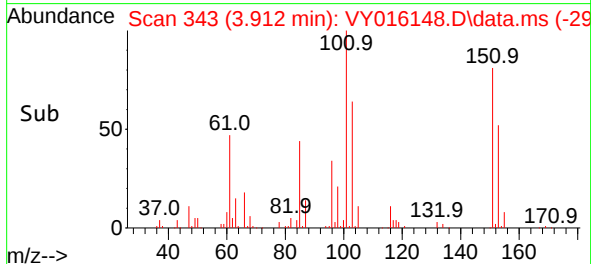
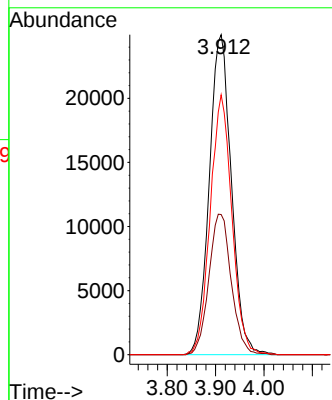
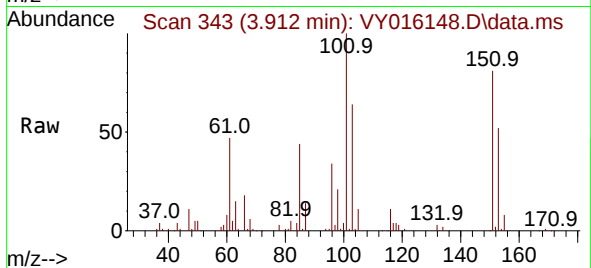
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.119 ug/l
RT: 3.912 min Scan# 342
Delta R.T. 0.006 min
Lab File: VY016148.D
Acq: 31 Oct 2023 15:03

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY103123

Tgt Ion:101 Resp: 79284
Ion Ratio Lower Upper
101 100
85 44.5 36.6 55.0
151 79.5 67.0 100.6

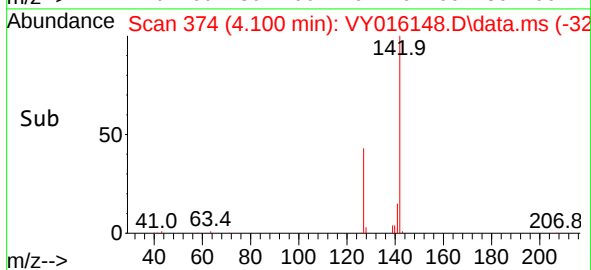
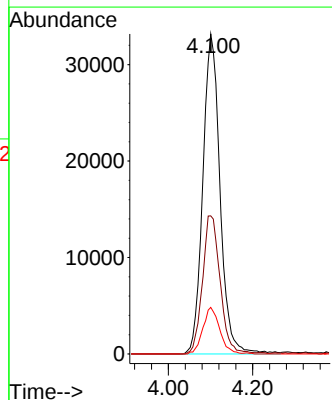
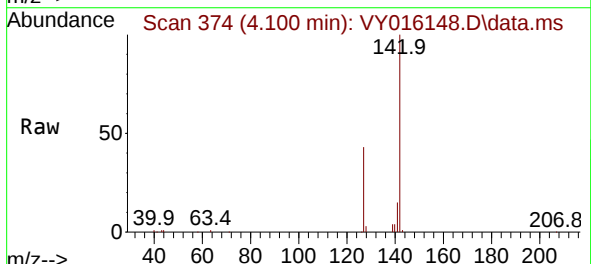
Manual Integrations
APPROVED

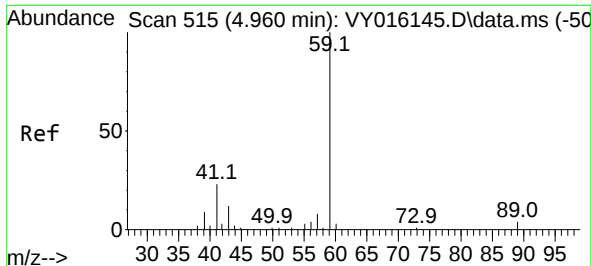
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#10
Methyl Iodide
Concen: 53.748 ug/l
RT: 4.100 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY016148.D
Acq: 31 Oct 2023 15:03

Tgt Ion:142 Resp: 94546
Ion Ratio Lower Upper
142 100
127 44.2 37.6 56.4
141 14.2 11.8 17.8





#11

Tert butyl alcohol

Concen: 246.168 ug/l

RT: 4.966 min Scan# 515

Delta R.T. 0.006 min

Lab File: VY016148.D

Acq: 31 Oct 2023 15:03

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY103123

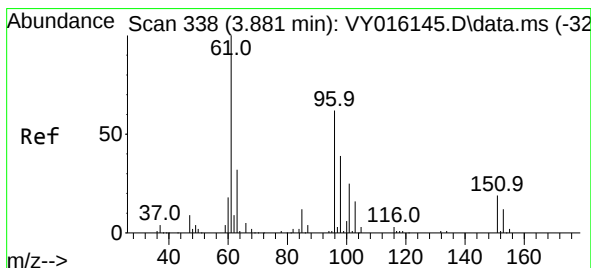
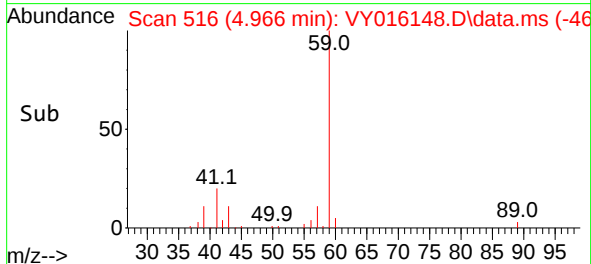
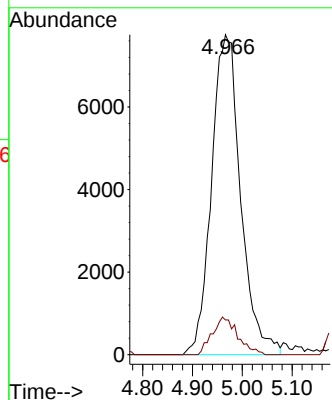
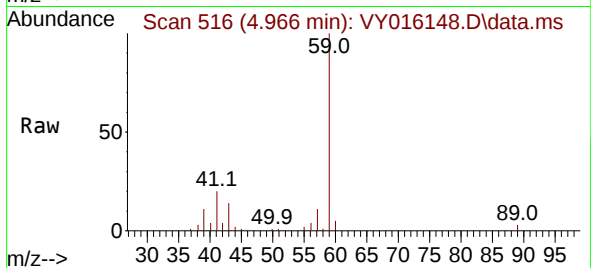
Tgt Ion: 59 Resp: 31404
 Ion Ratio Lower Upper
 59 100
 57 10.3 3.0 4.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Mahesh Dadoda 11/01/2023



#12

1,1-Dichloroethene

Concen: 50.426 ug/l

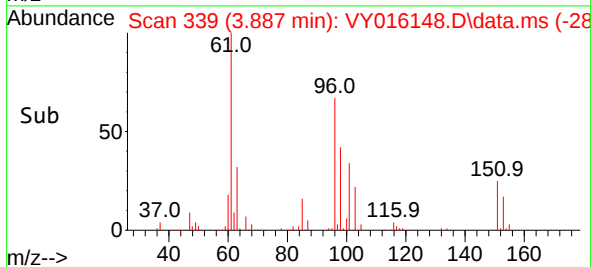
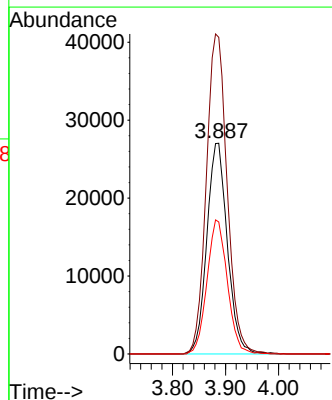
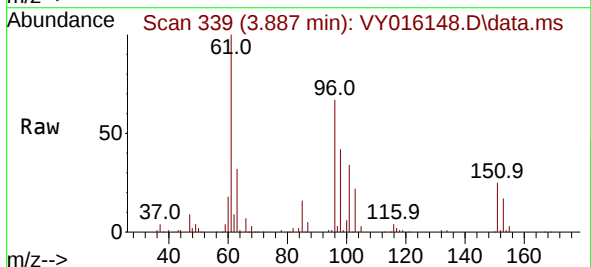
RT: 3.887 min Scan# 339

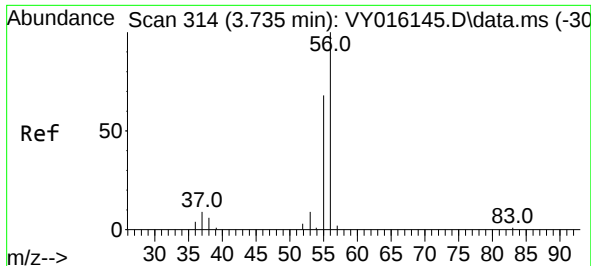
Delta R.T. 0.006 min

Lab File: VY016148.D

Acq: 31 Oct 2023 15:03

Tgt Ion: 96 Resp: 72808
 Ion Ratio Lower Upper
 96 100
 61 150.3 136.4 204.6
 98 62.7 49.4 74.2





#13

Acrolein

Concen: 258.687 ug/l

RT: 3.741 min Scan# 314

Delta R.T. 0.006 min

Lab File: VY016148.D

Acq: 31 Oct 2023 15:03

Instrument :

MSVOA_Y

ClientSampleId :

ICVY103123

Tgt Ion: 56 Resp: 30289

Ion Ratio Lower Upper

56 100

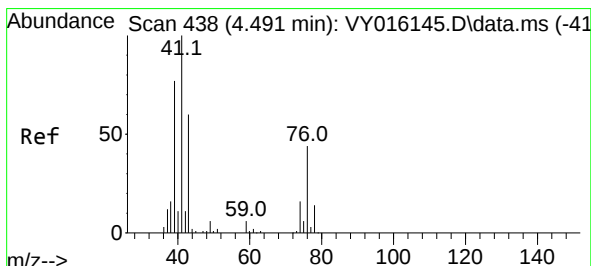
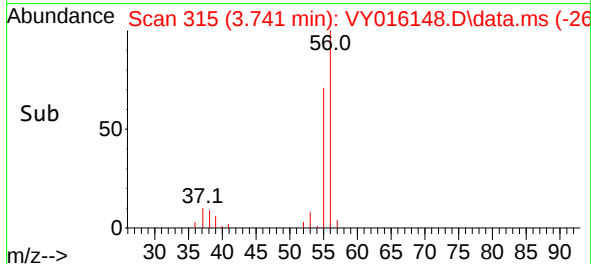
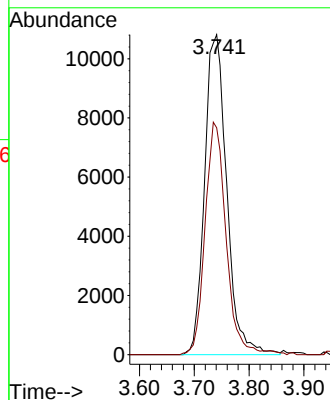
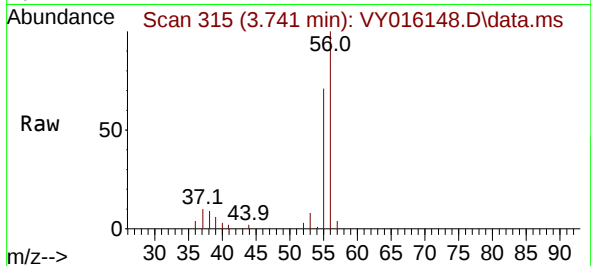
55 69.2 57.0 85.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Mahesh Dadoda 11/01/2023



#14

Allyl chloride

Concen: 51.790 ug/l

RT: 4.491 min Scan# 438

Delta R.T. -0.000 min

Lab File: VY016148.D

Acq: 31 Oct 2023 15:03

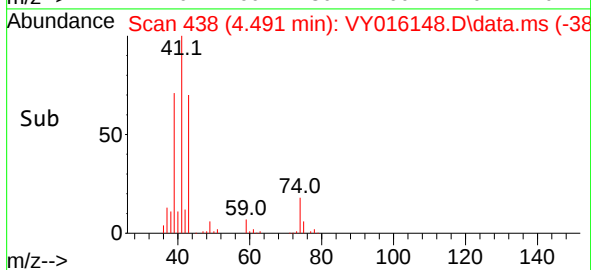
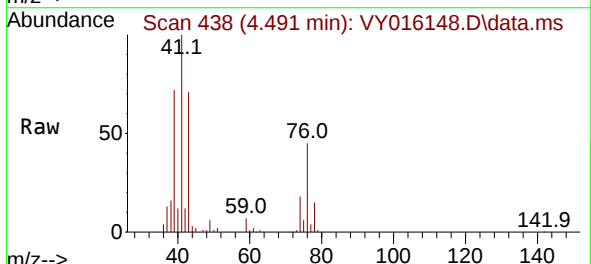
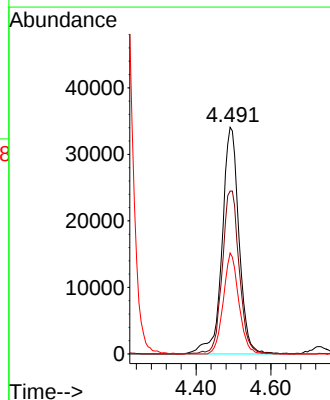
Tgt Ion: 41 Resp: 106958

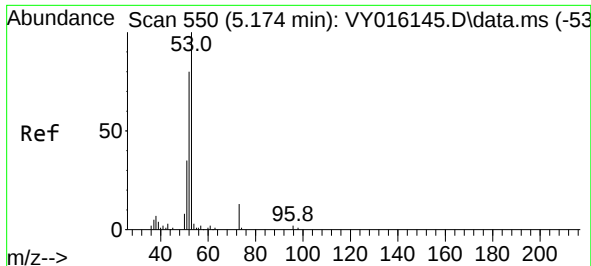
Ion Ratio Lower Upper

41 100

39 72.4 58.0 87.0

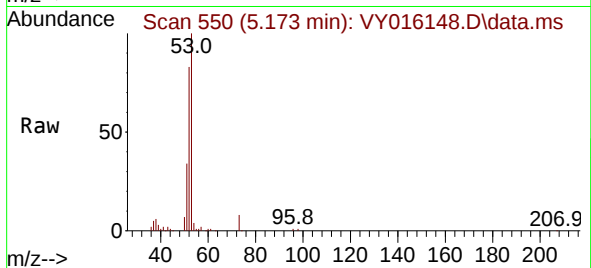
76 40.8 27.4 41.2





#15
Acrylonitrile
Concen: 264.384 ug/l
RT: 5.173 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY016148.D
Acq: 31 Oct 2023 15:03

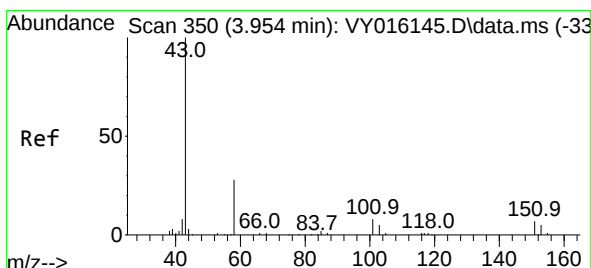
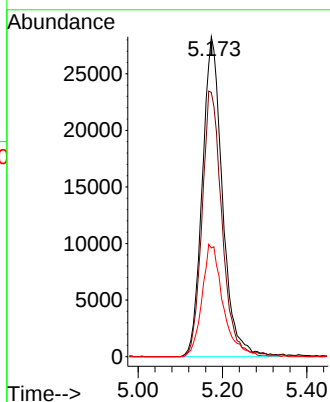
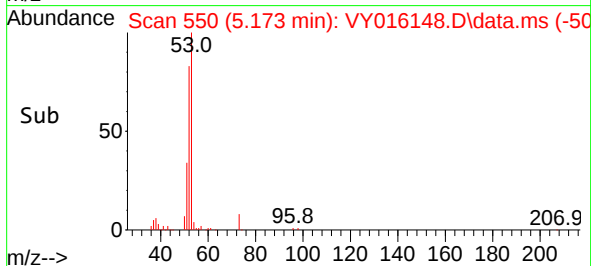
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY103123



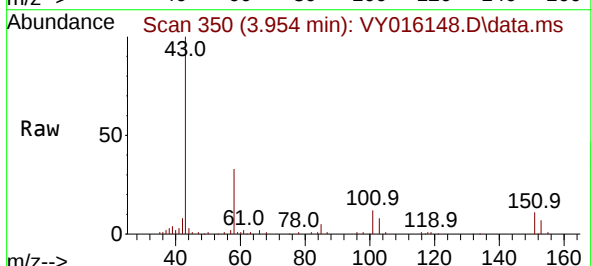
Tgt Ion: 53 Resp: 94024
Ion Ratio Lower Upper
53 100
52 82.2 66.9 100.3
51 36.6 29.8 44.6

Manual Integrations
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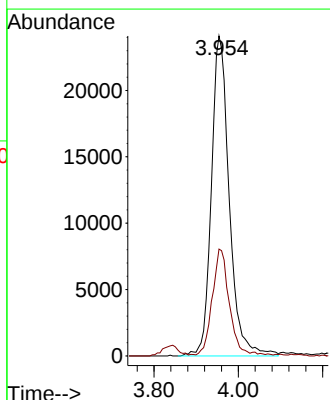
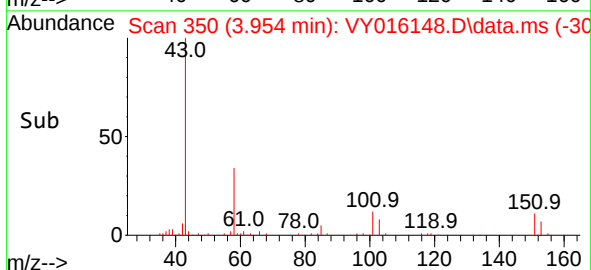
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023

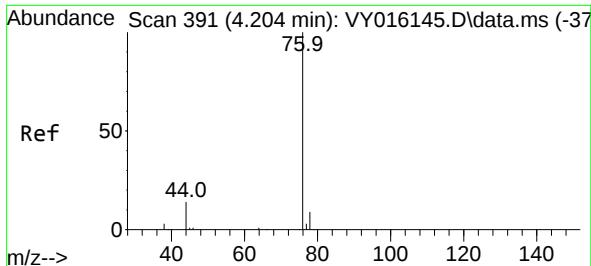


#16
Acetone
Concen: 260.956 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY016148.D
Acq: 31 Oct 2023 15:03



Tgt Ion: 43 Resp: 70898
Ion Ratio Lower Upper
43 100
58 33.0 22.7 34.1





#17

Carbon Disulfide

Concen: 52.848 ug/l

RT: 4.210 min Scan# 391

Delta R.T. 0.006 min

Lab File: VY016148.D

Acq: 31 Oct 2023 15:03

Instrument :

MSVOA_Y

ClientSampleId :

ICVY103123

Tgt Ion: 76 Resp: 19050

Ion Ratio Lower Upper

76 100

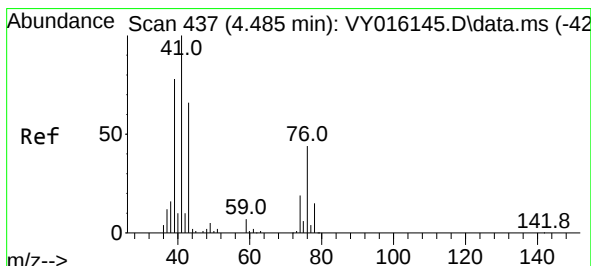
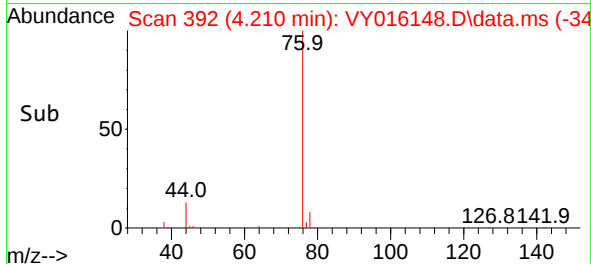
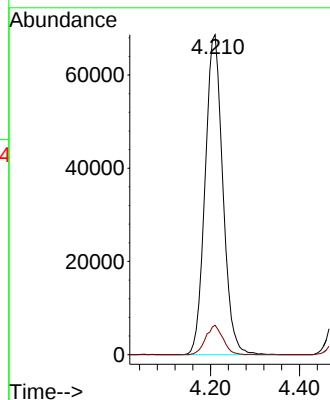
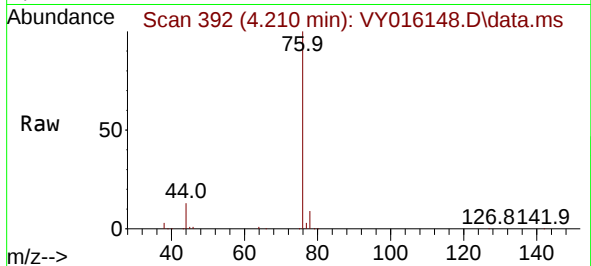
78 9.2 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Mahesh Dadoda 11/01/2023



#18

Methyl Acetate

Concen: 53.121 ug/l

RT: 4.491 min Scan# 438

Delta R.T. 0.006 min

Lab File: VY016148.D

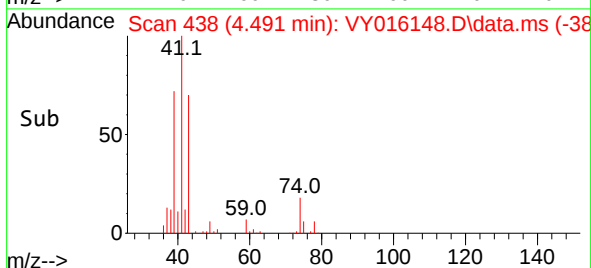
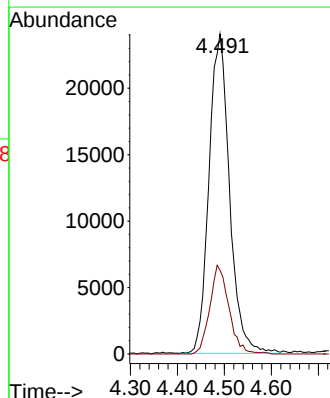
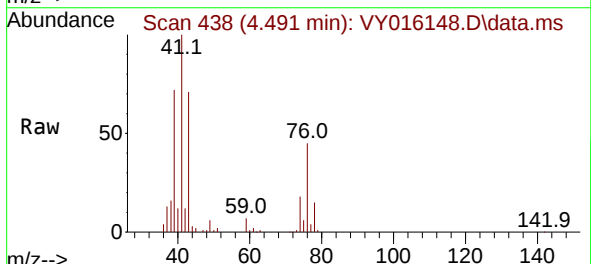
Acq: 31 Oct 2023 15:03

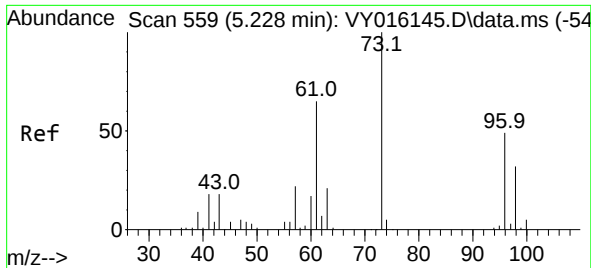
Tgt Ion: 43 Resp: 72942

Ion Ratio Lower Upper

43 100

74 25.7 17.4 26.0





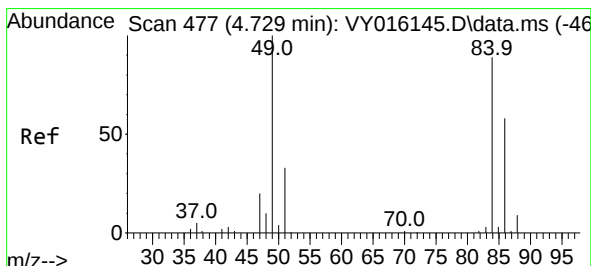
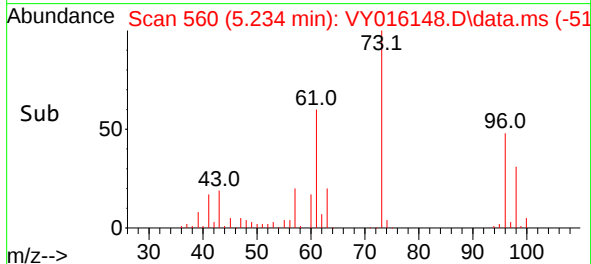
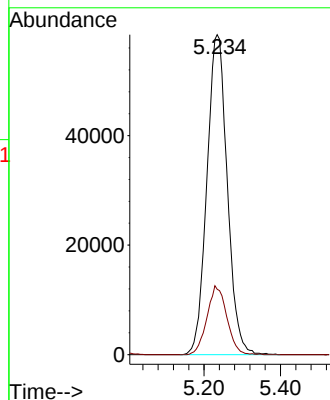
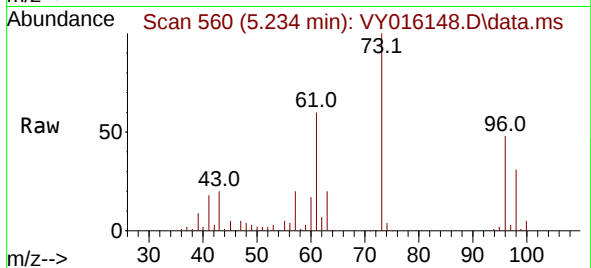
#19
Methyl tert-butyl Ether
Concen: 52.544 ug/l
RT: 5.234 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY016148.D
Acq: 31 Oct 2023 15:03

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY103123

Tgt Ion: 73 Resp: 215799
Ion Ratio Lower Upper
73 100
57 20.4 17.3 25.9

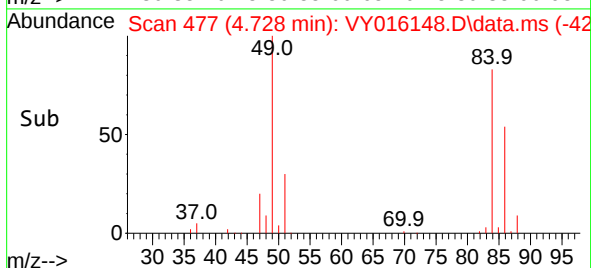
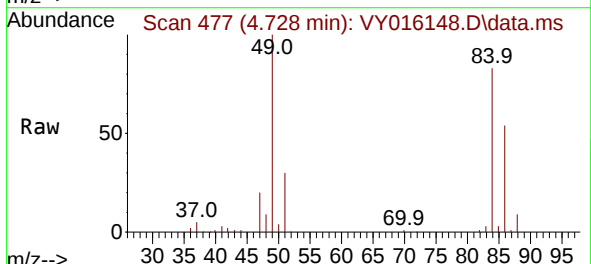
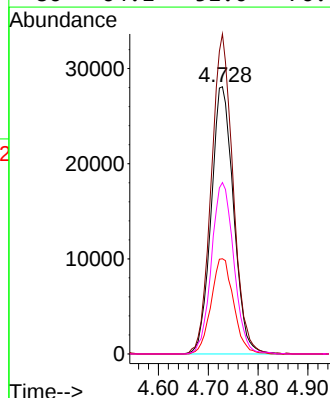
Manual Integrations
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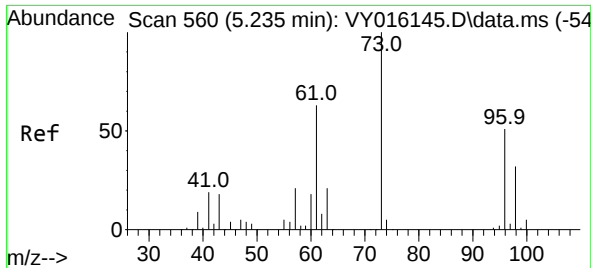
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#20
Methylene Chloride
Concen: 50.451 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY016148.D
Acq: 31 Oct 2023 15:03

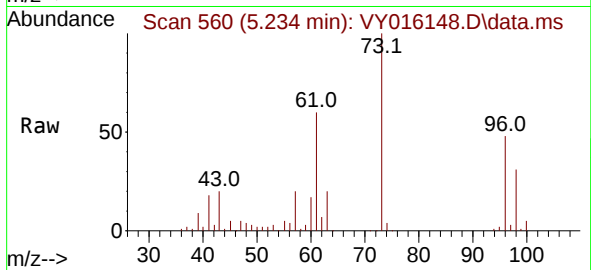
Tgt Ion: 84 Resp: 87568
Ion Ratio Lower Upper
84 100
49 119.8 106.9 160.3
51 35.6 33.2 49.8
86 64.1 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 51.156 ug/l
RT: 5.234 min Scan# 560
Delta R.T. -0.000 min
Lab File: VY016148.D
Acq: 31 Oct 2023 15:03

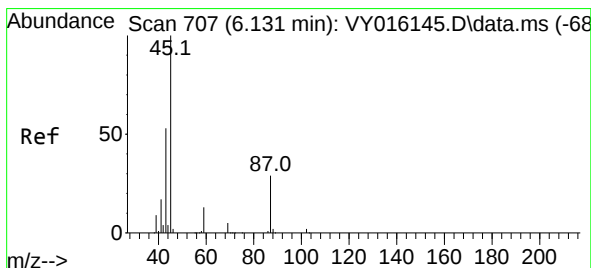
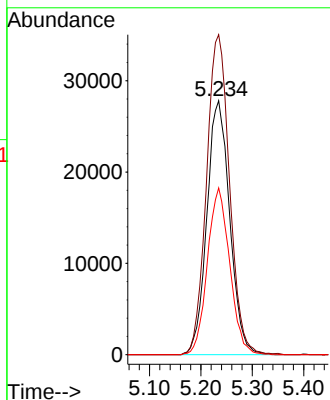
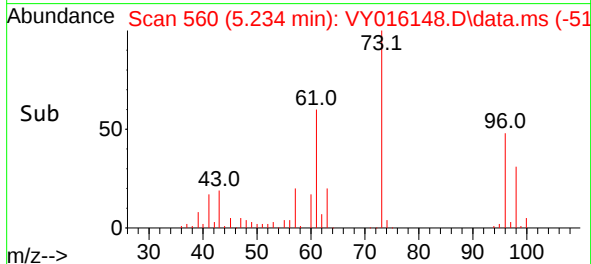
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY103123



Tgt Ion: 96 Resp: 86030
Ion Ratio Lower Upper
96 100
61 126.0 110.2 165.4
98 65.7 51.8 77.6

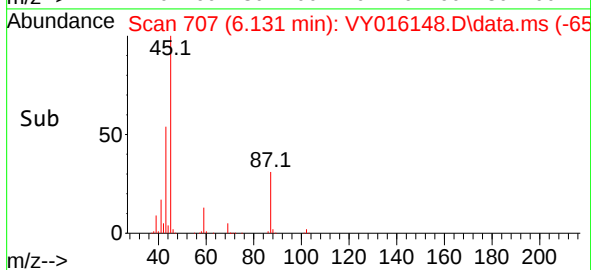
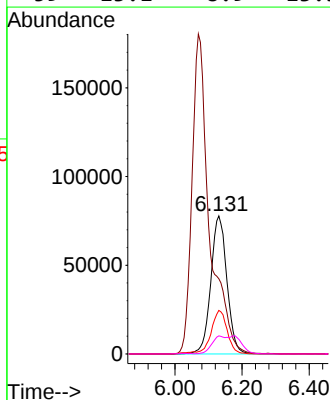
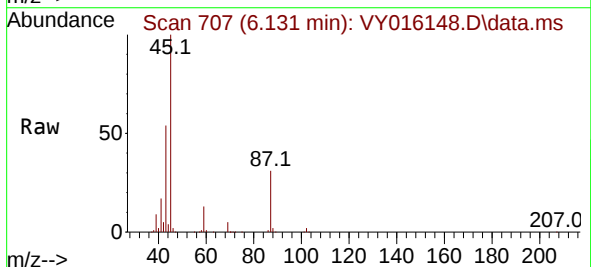
Manual Integrations
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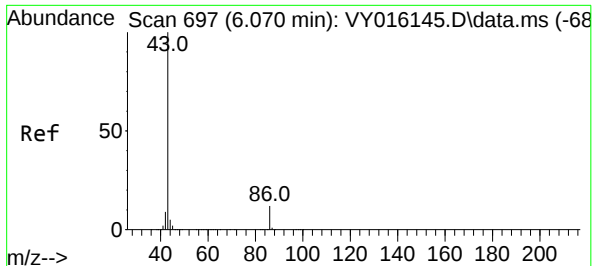
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#22
Diisopropyl ether
Concen: 51.815 ug/l
RT: 6.131 min Scan# 707
Delta R.T. -0.000 min
Lab File: VY016148.D
Acq: 31 Oct 2023 15:03

Tgt Ion: 45 Resp: 258831
Ion Ratio Lower Upper
45 100
43 54.3 52.2 78.4
87 31.5 21.0 31.6
59 13.1 8.9 13.3





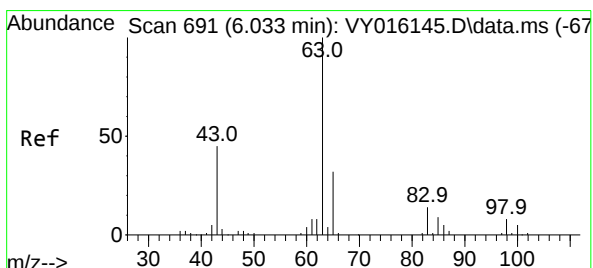
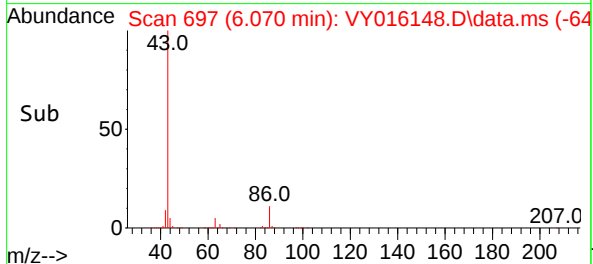
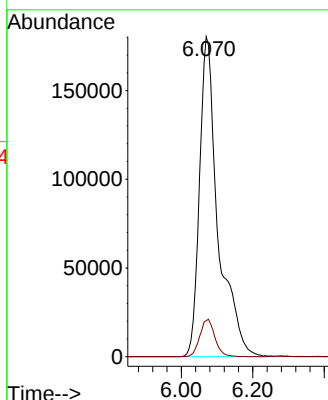
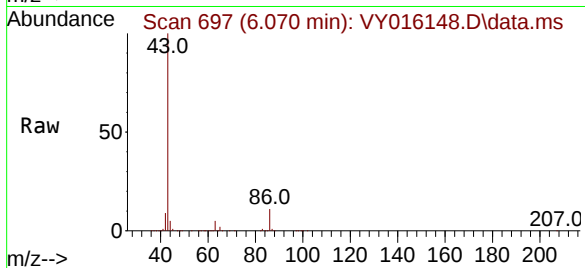
#23
 Vinyl Acetate
 Concen: 264.731 ug/l
 RT: 6.070 min Scan# 64927
 Delta R.T. -0.000 min
 Lab File: VY016148.D
 Acq: 31 Oct 2023 15:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY103123

Tgt Ion: 43 Resp: 64927
 Ion Ratio Lower Upper
 43 100
 86 11.3 7.5 11.3

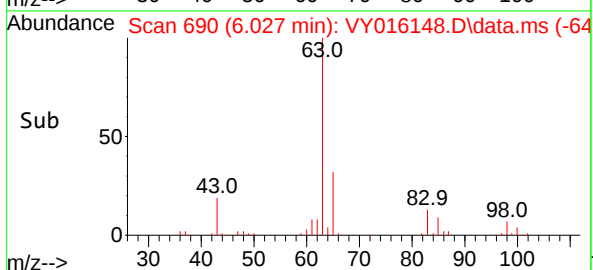
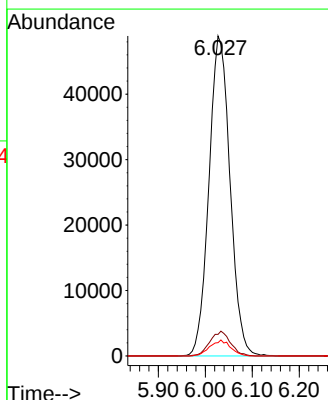
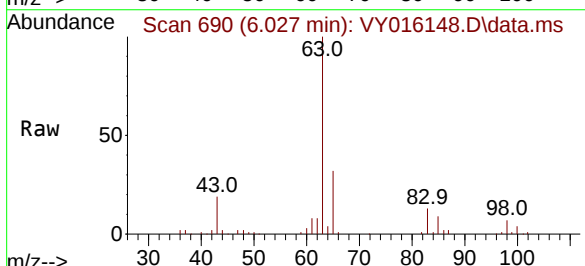
Manual Integrations
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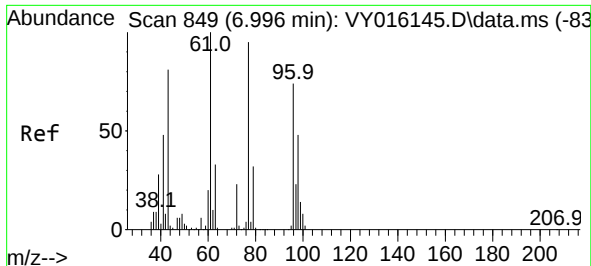
Reviewed By :John Carlone 11/01/2023
 Supervised By :Mahesh Dadoda 11/01/2023



#24
 1,1-Dichloroethane
 Concen: 50.962 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. -0.006 min
 Lab File: VY016148.D
 Acq: 31 Oct 2023 15:03

Tgt Ion: 63 Resp: 152356
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.1 9.4
 100 4.2 1.8 5.5





#25

2-Butanone

Concen: 254.729 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY016148.D

Acq: 31 Oct 2023 15:03

Instrument :

MSVOA_Y

ClientSampleId :

ICVY103123

Tgt Ion: 43 Resp: 11994

Ion Ratio Lower Upper

43 100

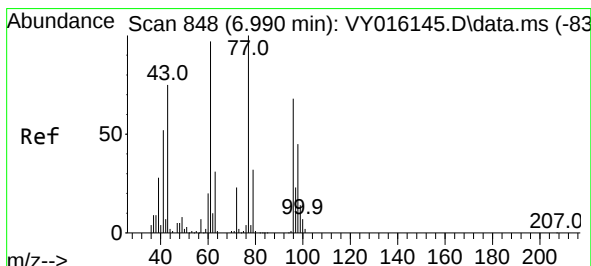
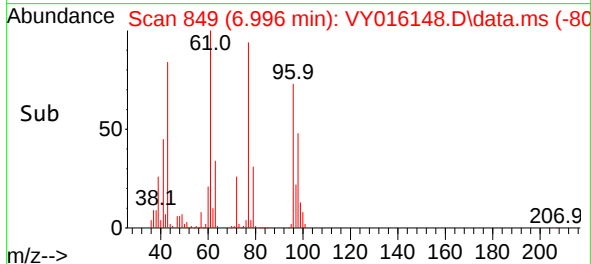
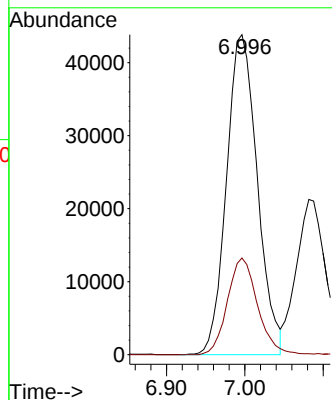
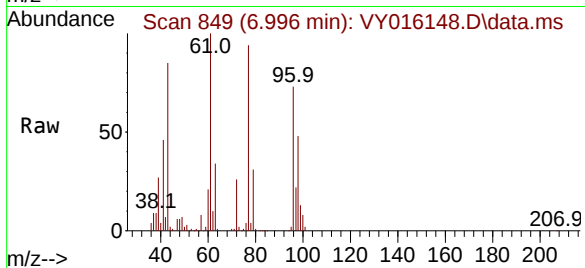
72 30.2 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Mahesh Dadoda 11/01/2023



#26

2,2-Dichloropropane

Concen: 51.252 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY016148.D

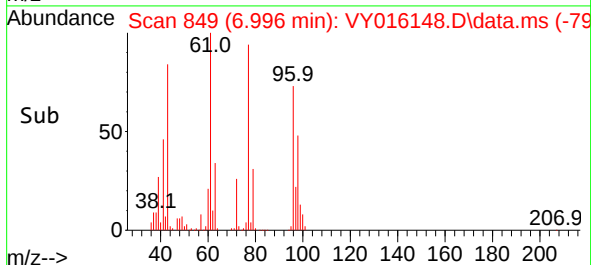
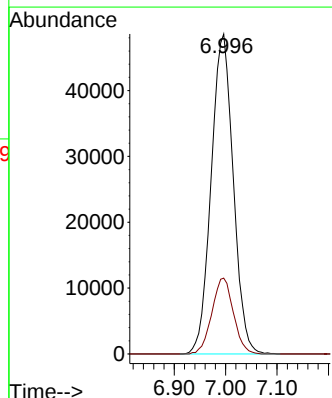
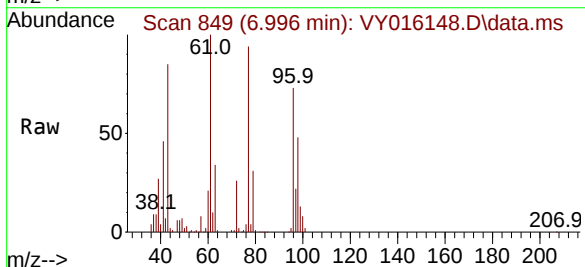
Acq: 31 Oct 2023 15:03

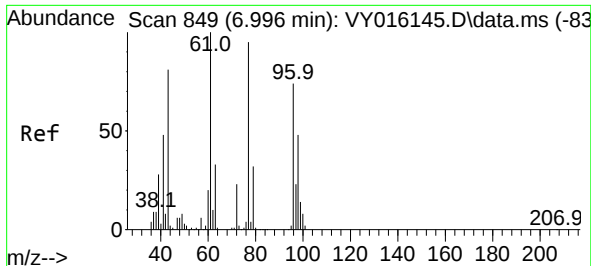
Tgt Ion: 77 Resp: 144843

Ion Ratio Lower Upper

77 100

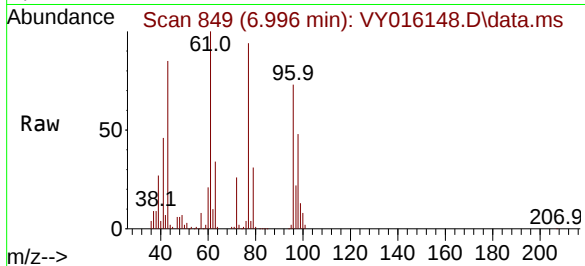
97 23.1 10.9 32.9





#27
 cis-1,2-Dichloroethene
 Concen: 51.277 ug/l
 RT: 6.996 min Scan# 849
 Delta R.T. -0.000 min
 Lab File: VY016148.D
 Acq: 31 Oct 2023 15:03

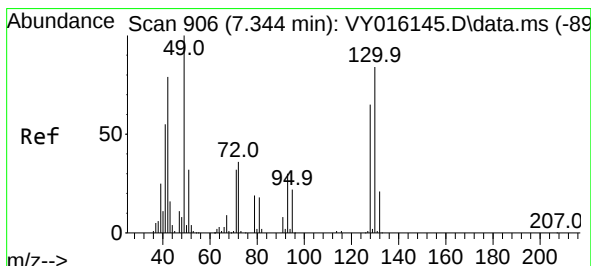
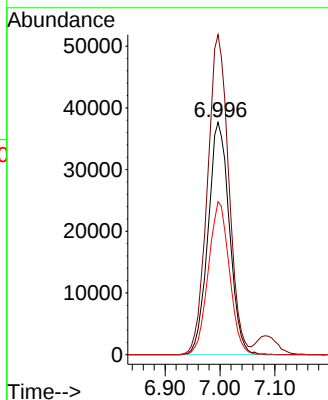
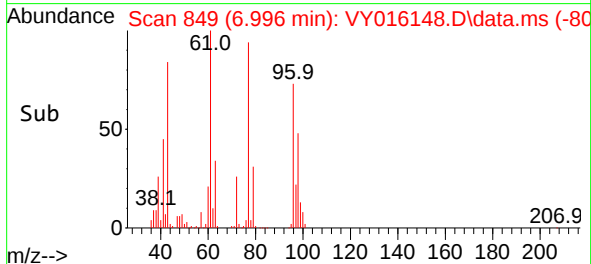
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY103123



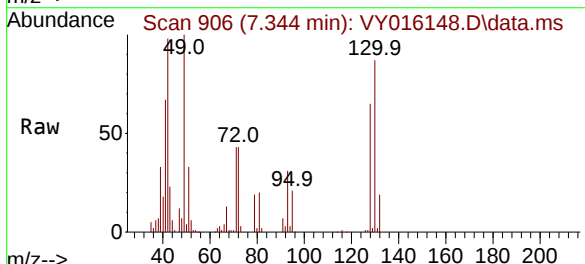
Tgt Ion: 96 Resp: 101490
 Ion Ratio Lower Upper
 96 100
 61 138.0 0.0 301.4
 98 65.1 0.0 130.4

Manual Integrations
 APPROVED

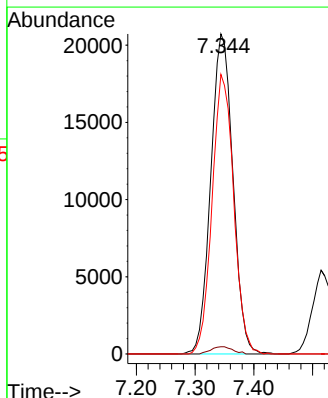
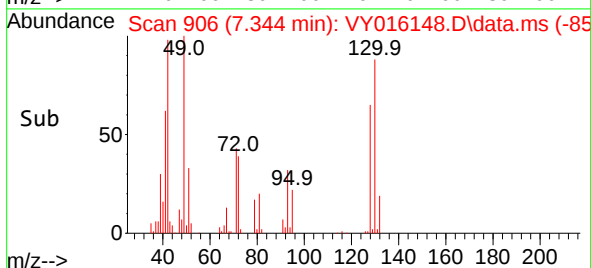
Reviewed By :John Carlone 11/01/2023
 Supervised By :Mahesh Dadoda 11/01/2023

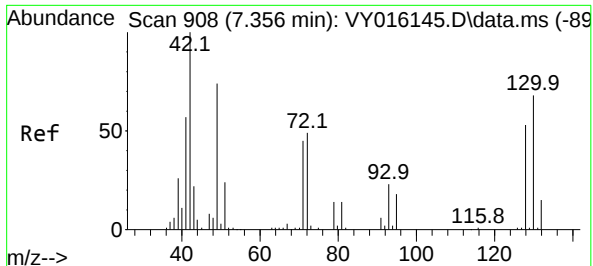


#28
 Bromochloromethane
 Concen: 48.545 ug/l
 RT: 7.344 min Scan# 906
 Delta R.T. -0.000 min
 Lab File: VY016148.D
 Acq: 31 Oct 2023 15:03



Tgt Ion: 49 Resp: 54309
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.6
 130 85.0 60.7 91.1





#29

Tetrahydrofuran

Concen: 265.470 ug/l

RT: 7.356 min Scan# 908

Delta R.T. -0.000 min

Lab File: VY016148.D

Acq: 31 Oct 2023 15:03

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY103123

Tgt Ion: 42 Resp: 7839

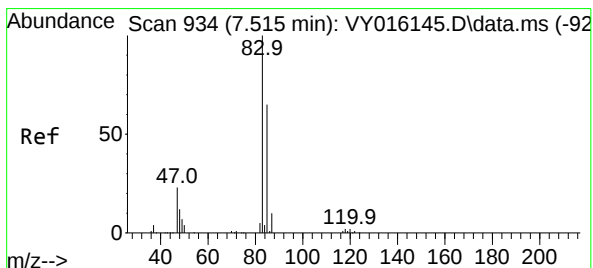
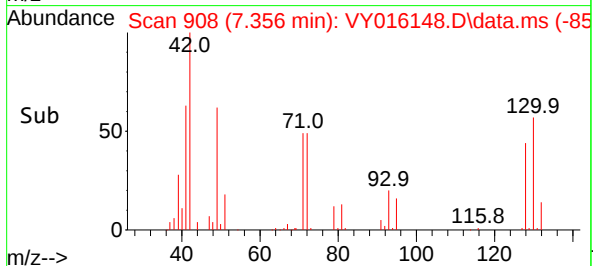
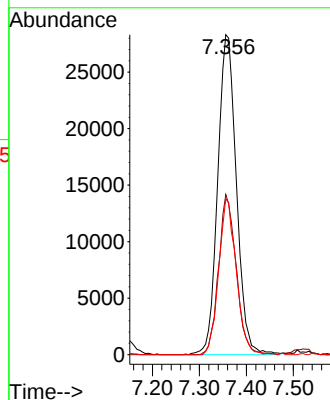
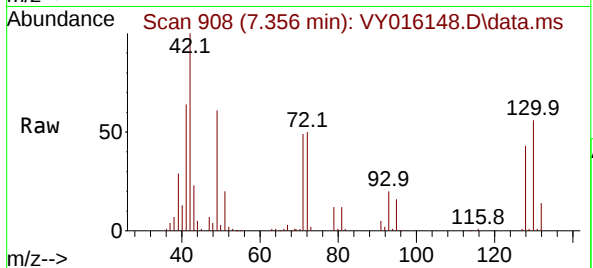
Ion	Ratio	Lower	Upper
42	100		
72	47.1	32.8	49.2
71	45.8	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Mahesh Dadoda 11/01/2023



#30

Chloroform

Concen: 51.171 ug/l

RT: 7.521 min Scan# 935

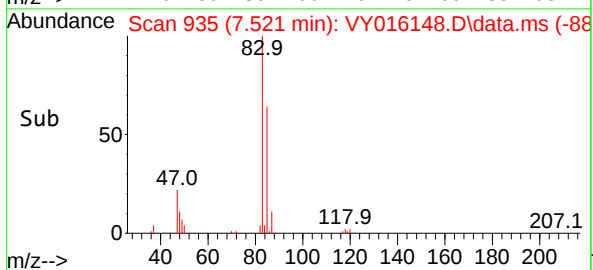
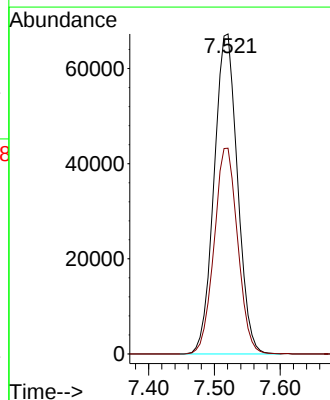
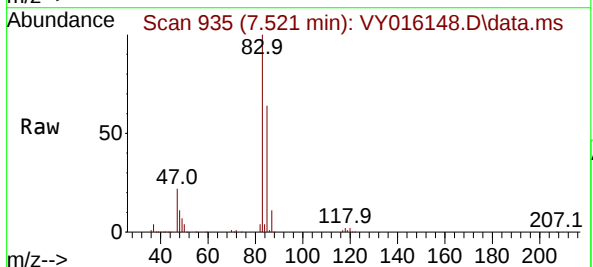
Delta R.T. 0.006 min

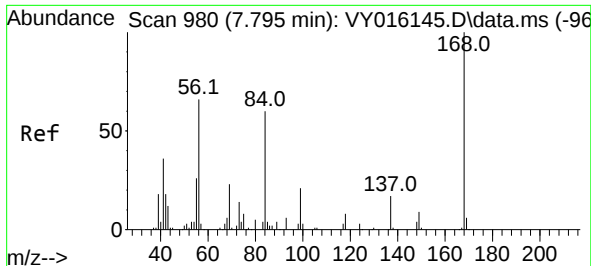
Lab File: VY016148.D

Acq: 31 Oct 2023 15:03

Tgt Ion: 83 Resp: 166552

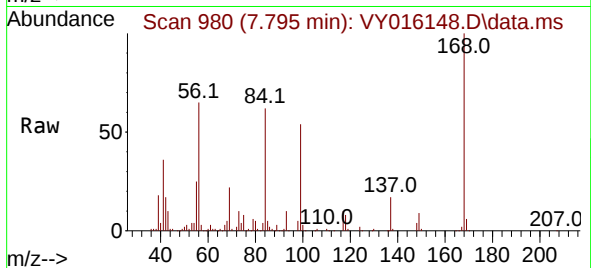
Ion	Ratio	Lower	Upper
83	100		
85	64.3	49.7	74.5





#31
Cyclohexane
Concen: 48.340 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY016148.D
Acq: 31 Oct 2023 15:03

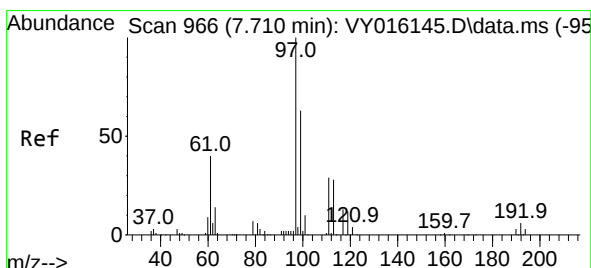
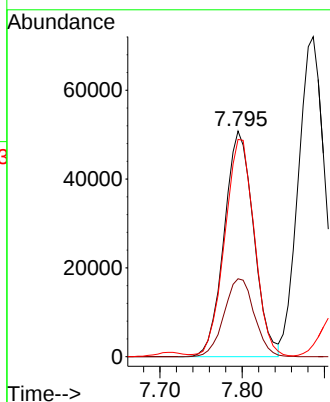
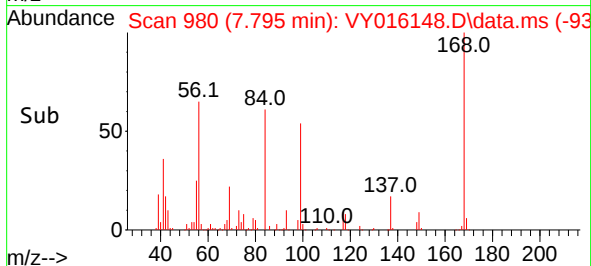
Instrument :
MSVOA_Y
ClientSampleId :
ICVY103123



Tgt Ion: 56 Resp: 12688
Ion Ratio Lower Upper
56 100
69 34.5 27.8 41.6
84 94.7 66.4 99.6

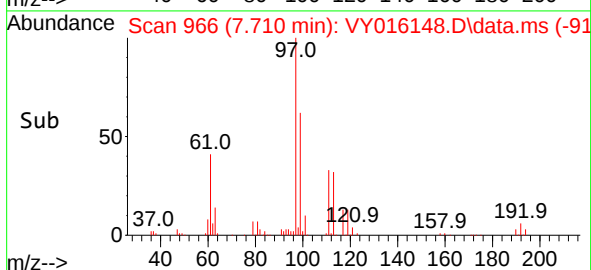
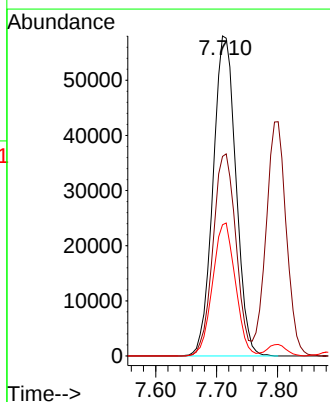
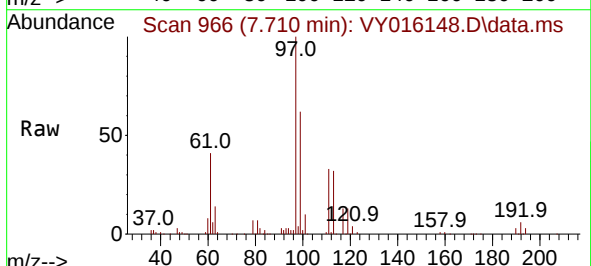
Manual Integrations
APPROVED

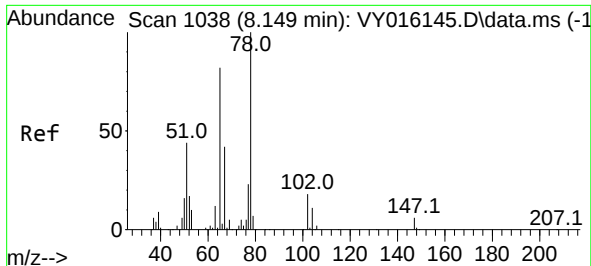
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#32
1,1,1-Trichloroethane
Concen: 50.775 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY016148.D
Acq: 31 Oct 2023 15:03

Tgt Ion: 97 Resp: 151561
Ion Ratio Lower Upper
97 100
99 63.6 50.8 76.2
61 41.3 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 52.505 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VY016148.D

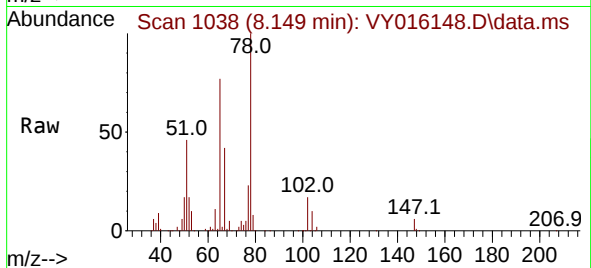
Acq: 31 Oct 2023 15:03

Instrument :

MSVOA_Y

ClientSampleId :

ICVY103123



Tgt Ion: 65 Resp: 89649

Ion Ratio Lower Upper

65 100

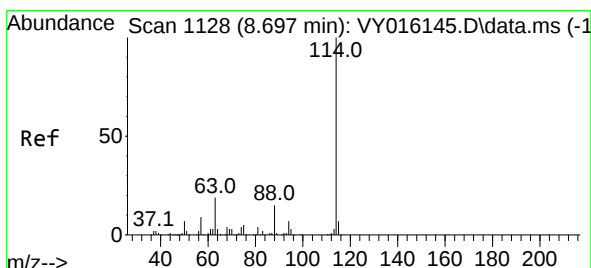
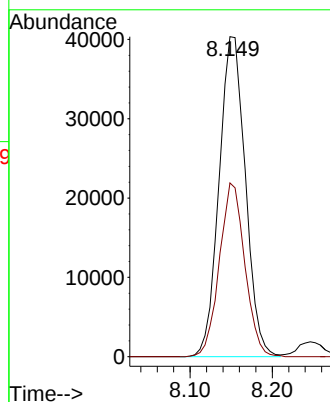
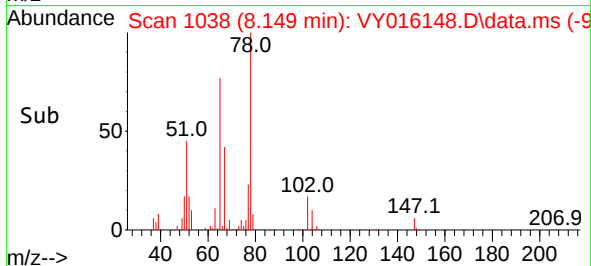
67 52.5 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Mahesh Dadoda 11/01/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY016148.D

Acq: 31 Oct 2023 15:03

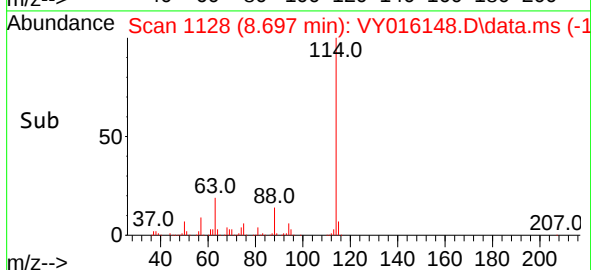
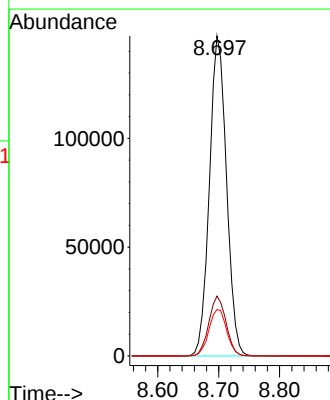
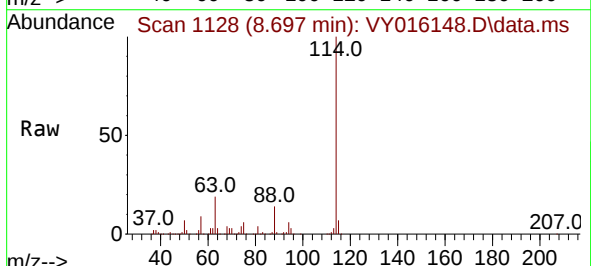
Tgt Ion:114 Resp: 286257

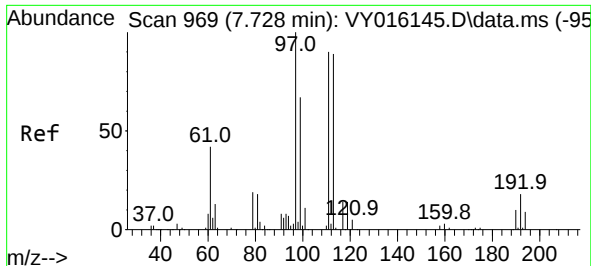
Ion Ratio Lower Upper

114 100

63 18.7 0.0 42.4

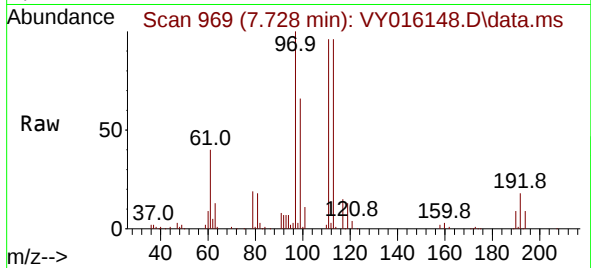
88 14.5 0.0 30.6





#35
Dibromofluoromethane
Concen: 51.667 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY016148.D
Acq: 31 Oct 2023 15:03

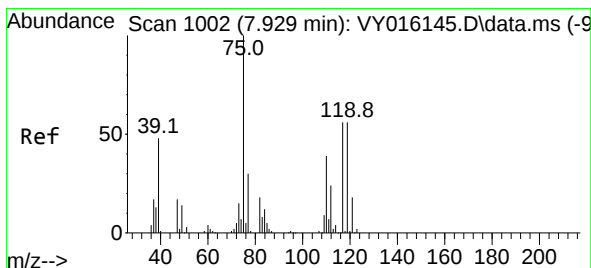
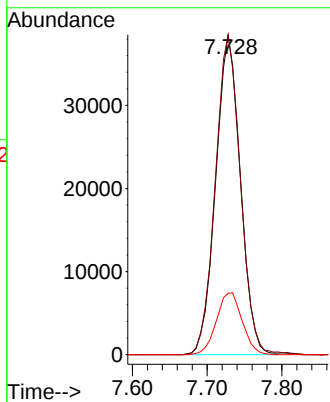
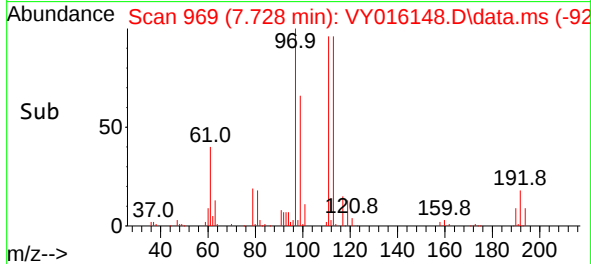
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY103123



Tgt Ion: 113 Resp: 88174
Ion Ratio Lower Upper
113 100
111 102.0 81.3 121.9
192 20.2 16.9 25.3

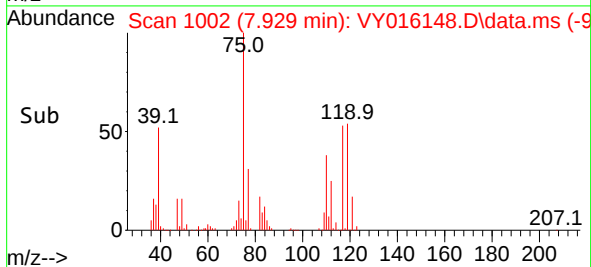
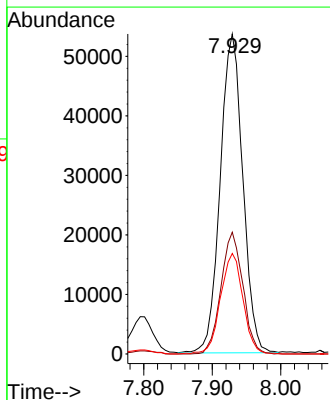
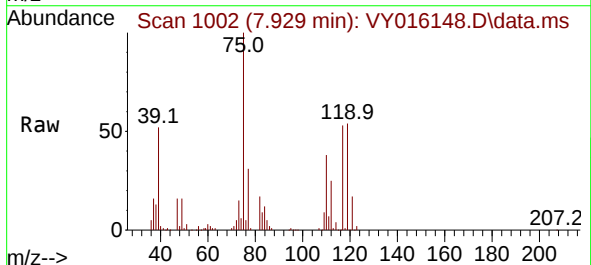
Manual Integrations
APPROVED

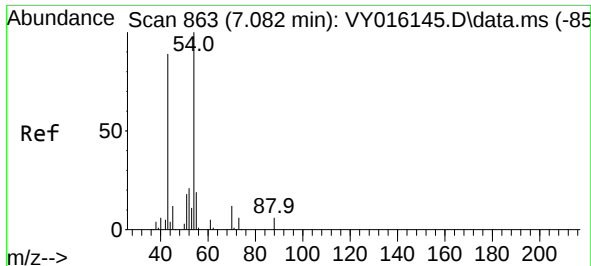
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#36
1,1-Dichloropropene
Concen: 49.747 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. -0.000 min
Lab File: VY016148.D
Acq: 31 Oct 2023 15:03

Tgt Ion: 75 Resp: 122592
Ion Ratio Lower Upper
75 100
110 37.0 17.8 53.5
77 31.3 24.4 36.6





#37

Ethyl Acetate

Concen: 51.567 ug/l

RT: 7.082 min Scan# 863

Delta R.T. -0.000 min

Lab File: VY016148.D

Acq: 31 Oct 2023 15:03

Instrument :

MSVOA_Y

ClientSampleId :

ICVY103123

Tgt Ion: 43 Resp: 56600

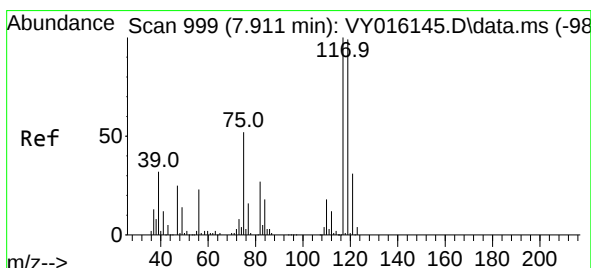
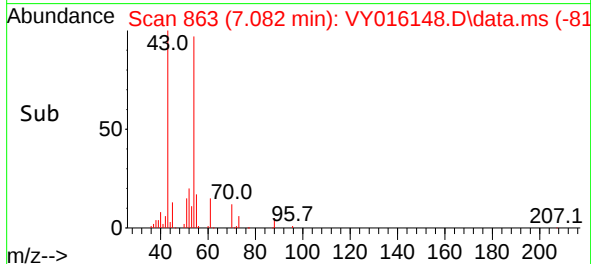
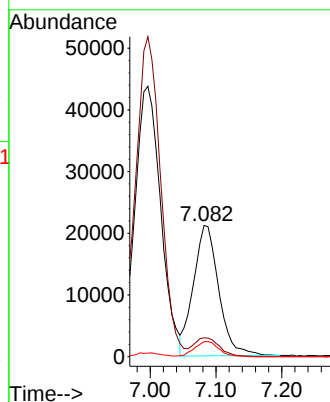
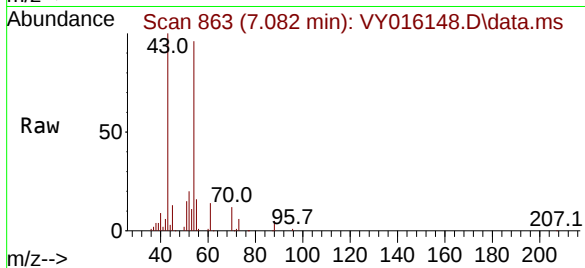
Ion	Ratio	Lower	Upper
43	100		
61	14.4	10.1	15.1
70	11.2	7.1	10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Mahesh Dadoda 11/01/2023



#38

Carbon Tetrachloride

Concen: 52.696 ug/l

RT: 7.911 min Scan# 999

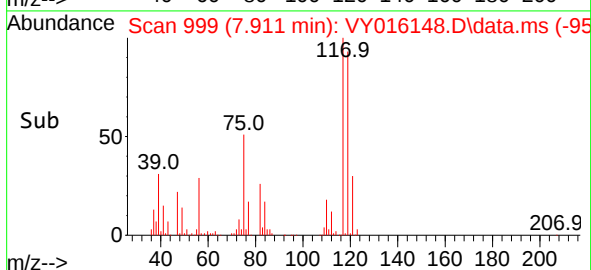
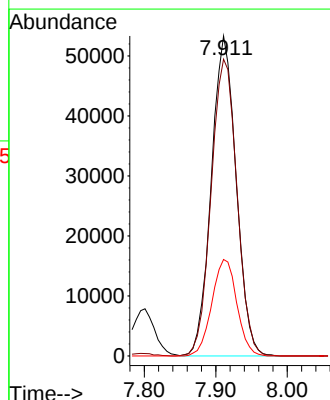
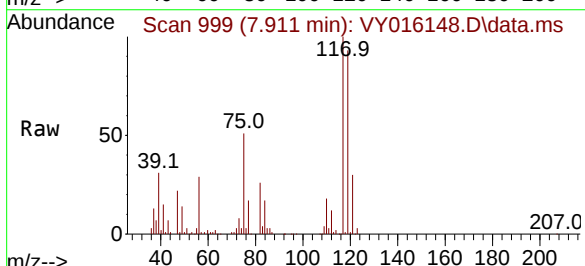
Delta R.T. -0.000 min

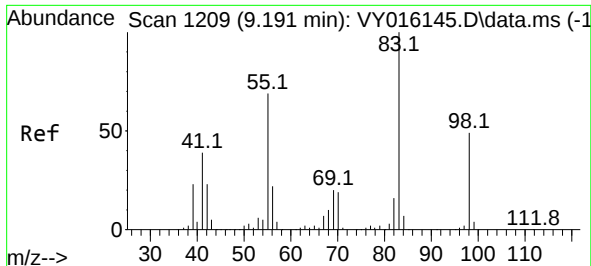
Lab File: VY016148.D

Acq: 31 Oct 2023 15:03

Tgt Ion:117 Resp: 128652

Ion	Ratio	Lower	Upper
117	100		
119	92.8	76.4	114.6
121	30.1	25.8	38.6





#39

Methylcyclohexane

Concen: 50.814 ug/l

RT: 9.191 min Scan# 1209

Delta R.T. -0.000 min

Lab File: VY016148.D

Acq: 31 Oct 2023 15:03

Instrument :

MSVOA_Y

ClientSampleId :

ICVY103123

Tgt Ion: 83 Resp: 149472

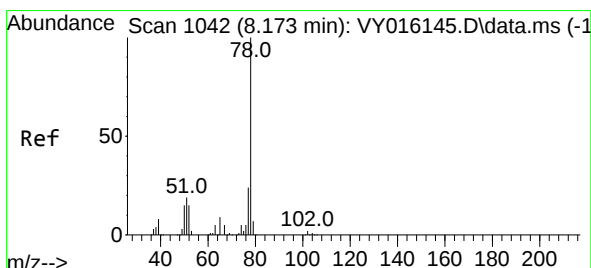
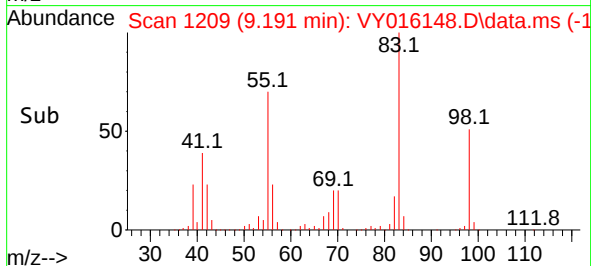
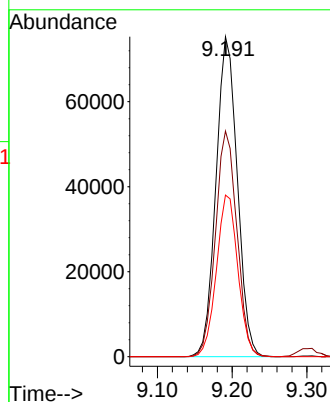
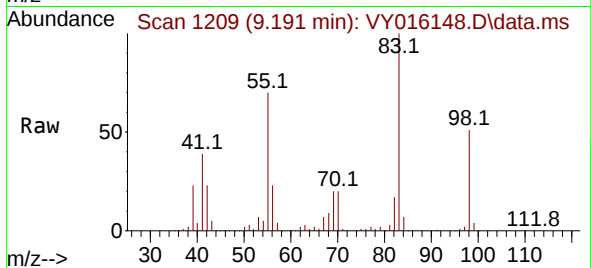
Ion	Ratio	Lower	Upper
83	100		
55	70.5	63.0	94.4
98	50.5	37.4	56.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Mahesh Dadoda 11/01/2023



#40

Benzene

Concen: 50.430 ug/l

RT: 8.173 min Scan# 1042

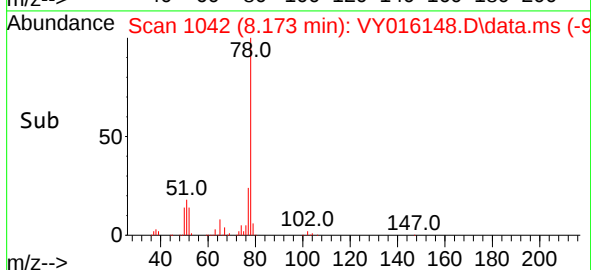
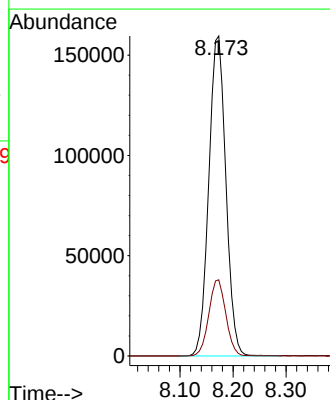
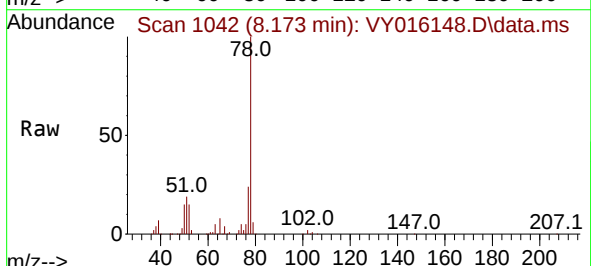
Delta R.T. -0.000 min

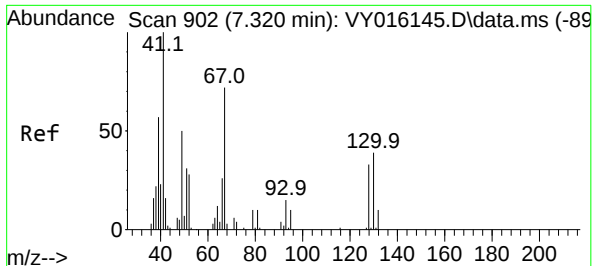
Lab File: VY016148.D

Acq: 31 Oct 2023 15:03

Tgt Ion: 78 Resp: 356775

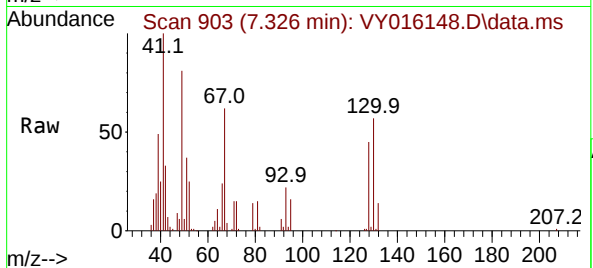
Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.0	28.6





#41
Methacrylonitrile
Concen: 47.922 ug/l
RT: 7.326 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY016148.D
Acq: 31 Oct 2023 15:03

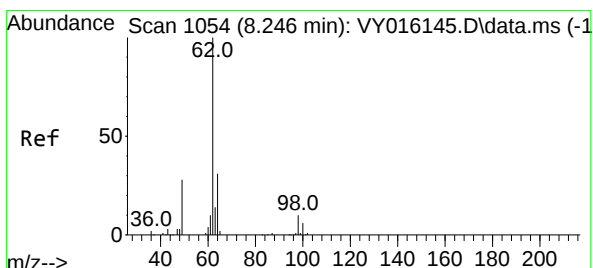
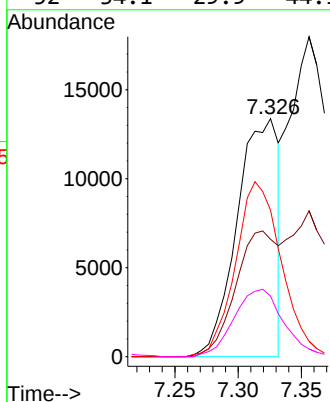
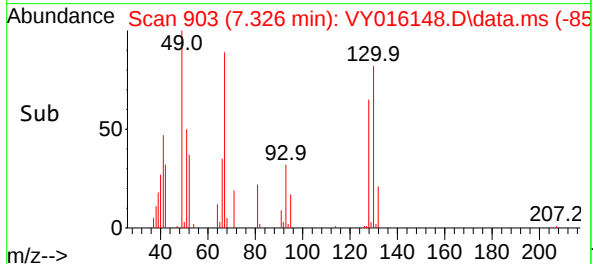
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY103123



Tgt Ion: 41 Resp: 3053
Ion Ratio Lower Upper
41 100
39 53.4 52.1 78.1
67 81.7 66.2 99.2
52 34.1 29.9 44.9

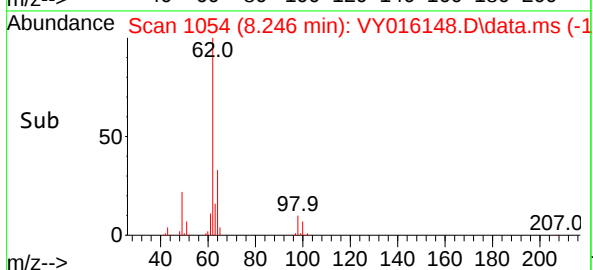
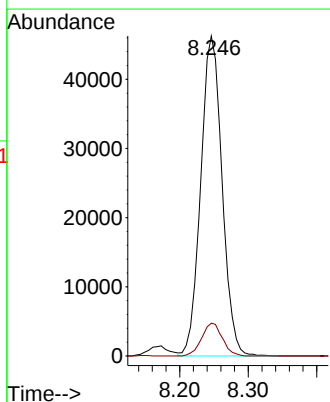
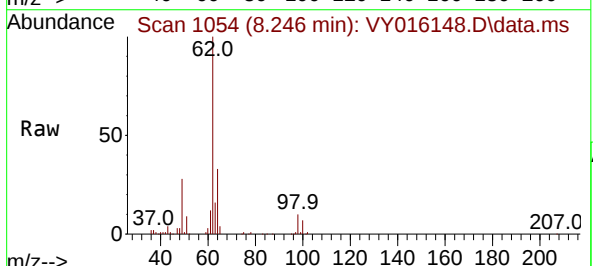
Manual Integrations
APPROVED

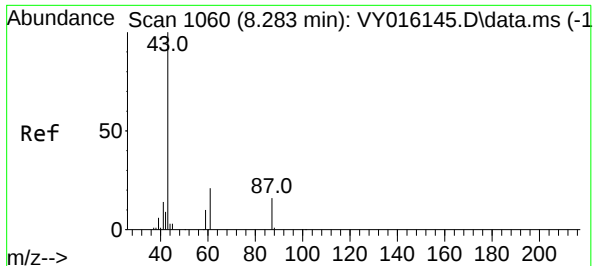
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#42
1,2-Dichloroethane
Concen: 50.866 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VY016148.D
Acq: 31 Oct 2023 15:03

Tgt Ion: 62 Resp: 100426
Ion Ratio Lower Upper
62 100
98 9.9 0.0 15.8





#43

Isopropyl Acetate

Concen: 52.615 ug/l

RT: 8.283 min Scan# 1106

Delta R.T. -0.000 min

Lab File: VY016148.D

Acq: 31 Oct 2023 15:03

Instrument :

MSVOA_Y

ClientSampleId :

ICVY103123

Tgt Ion: 43 Resp: 11423

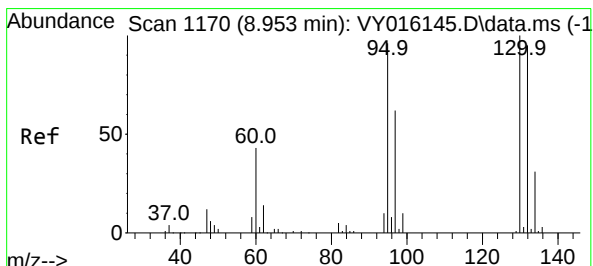
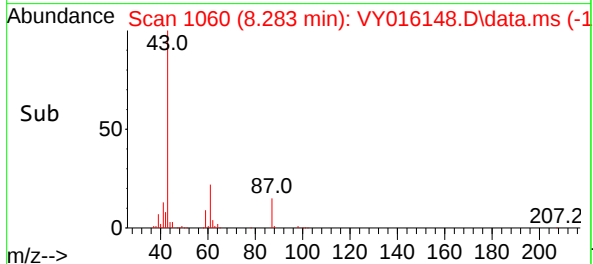
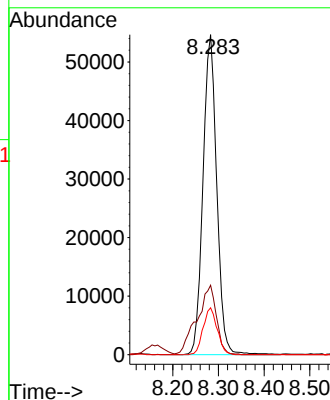
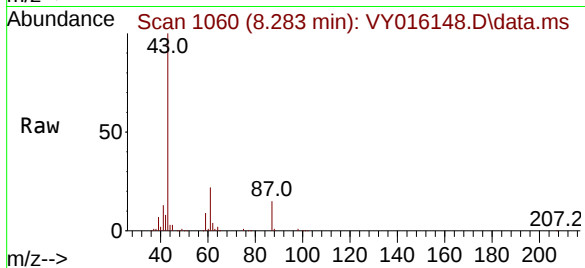
Ion	Ratio	Lower	Upper
43	100		
61	30.7	21.1	31.7
87	15.0	9.8	14.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Mahesh Dadoda 11/01/2023



#44

Trichloroethene

Concen: 50.606 ug/l

RT: 8.947 min Scan# 1169

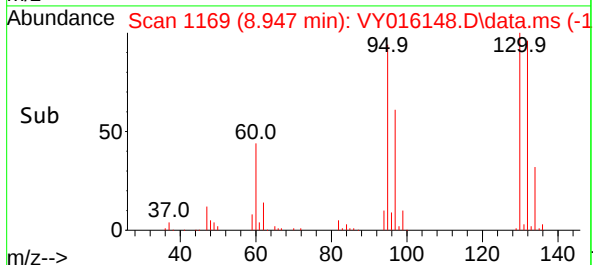
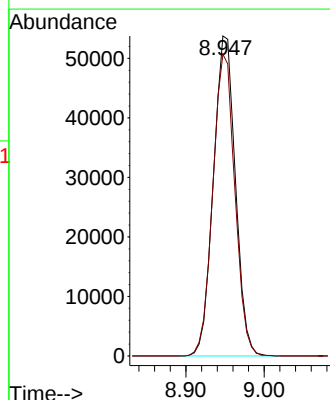
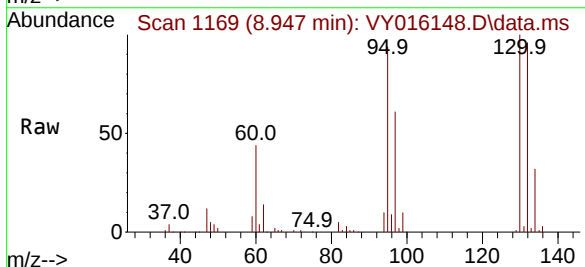
Delta R.T. -0.006 min

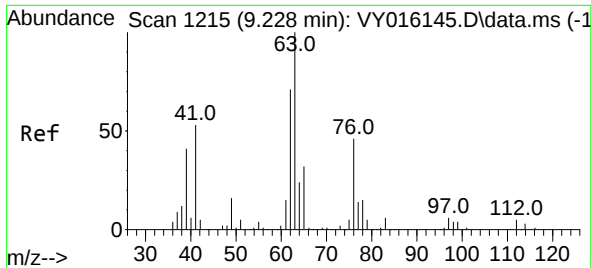
Lab File: VY016148.D

Acq: 31 Oct 2023 15:03

Tgt Ion:130 Resp: 104771

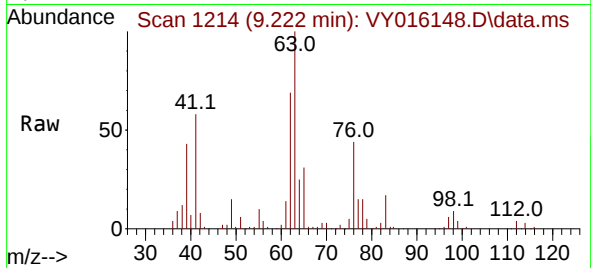
Ion	Ratio	Lower	Upper
130	100		
95	94.3	0.0	196.0





#45
1,2-Dichloropropane
Concen: 51.573 ug/l
RT: 9.222 min Scan# 1214
Delta R.T. -0.006 min
Lab File: VY016148.D
Acq: 31 Oct 2023 15:03

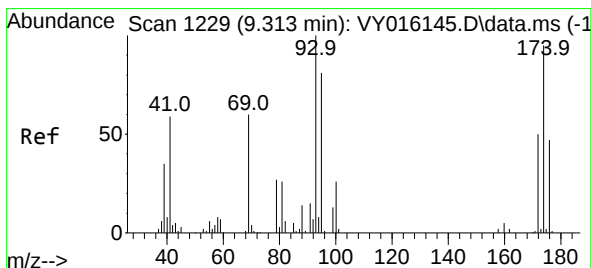
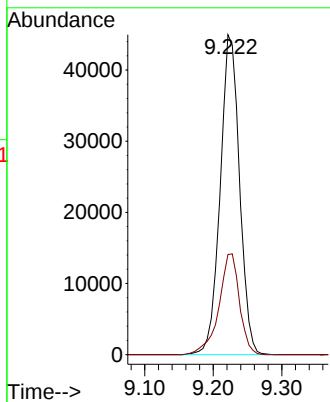
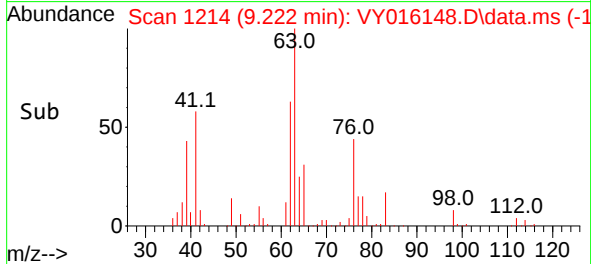
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY103123



Tgt Ion: 63 Resp: 8777
Ion Ratio Lower Upper
63 100
65 31.3 23.8 35.6

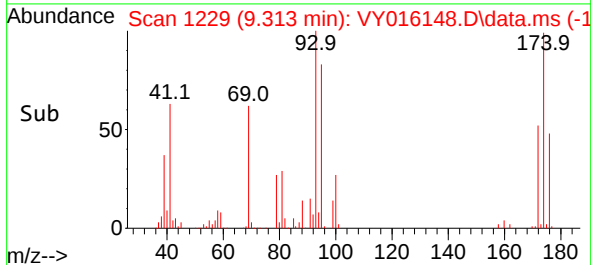
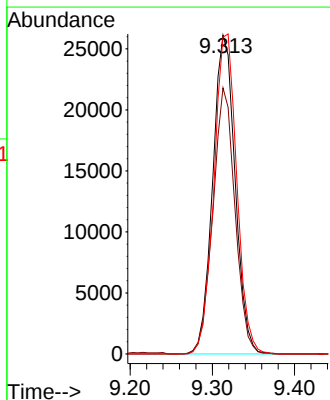
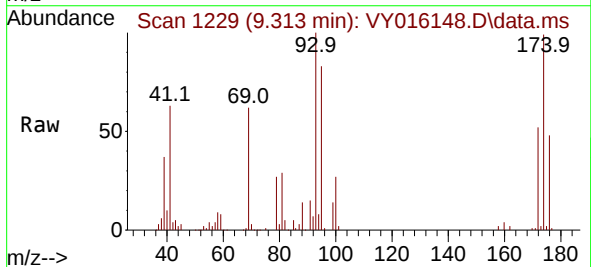
Manual Integrations
APPROVED

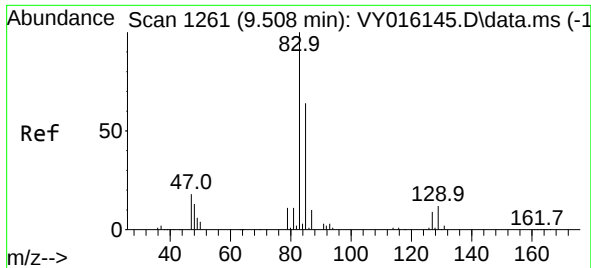
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#46
Dibromomethane
Concen: 51.278 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VY016148.D
Acq: 31 Oct 2023 15:03

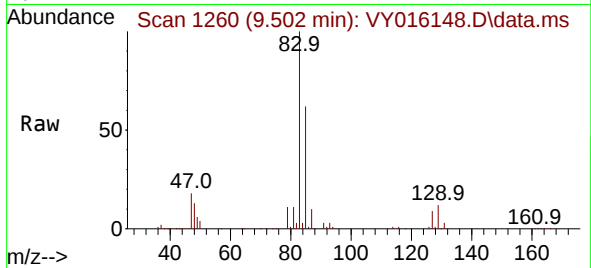
Tgt Ion: 93 Resp: 49506
Ion Ratio Lower Upper
93 100
95 82.2 66.6 100.0
174 102.3 84.8 127.2





#47
Bromodichloromethane
Concen: 51.712 ug/l
RT: 9.502 min Scan# 1261
Delta R.T. -0.006 min
Lab File: VY016148.D
Acq: 31 Oct 2023 15:03

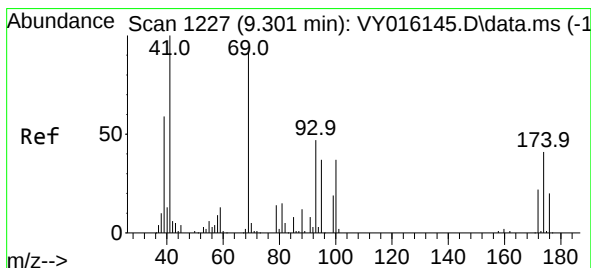
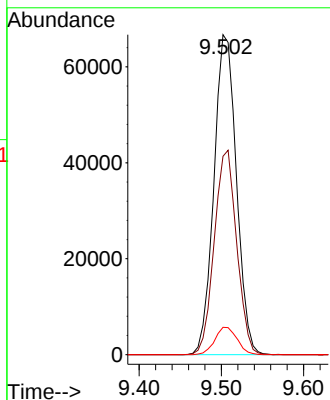
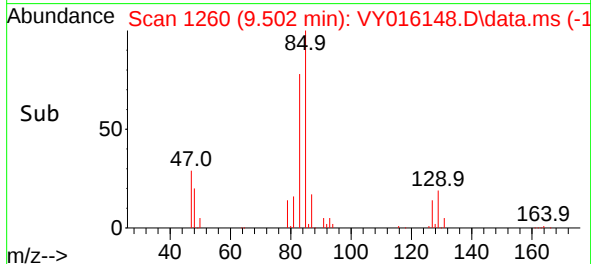
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY103123



Tgt Ion: 83 Resp: 126849
Ion Ratio Lower Upper
83 100
85 62.0 50.1 75.1
127 8.5 7.1 10.7

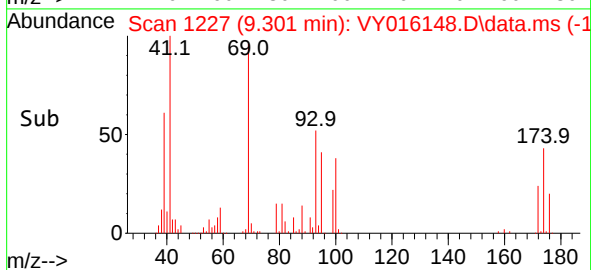
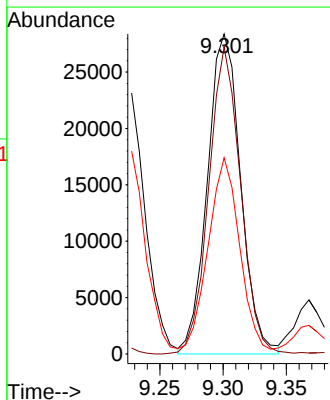
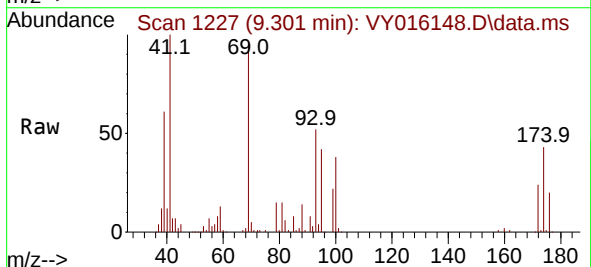
Manual Integrations
APPROVED

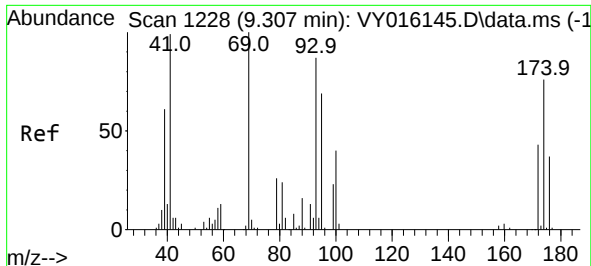
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#48
Methyl methacrylate
Concen: 52.612 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY016148.D
Acq: 31 Oct 2023 15:03

Tgt Ion: 41 Resp: 51941
Ion Ratio Lower Upper
41 100
69 91.6 64.5 96.7
39 55.9 50.8 76.2





#49

1,4-Dioxane

Concen: 1036.986 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY016148.D

Acq: 31 Oct 2023 15:03

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY103123

Tgt Ion: 88 Resp: 1186

Ion Ratio Lower Upper

88 100

43 29.7 0.0 0.0

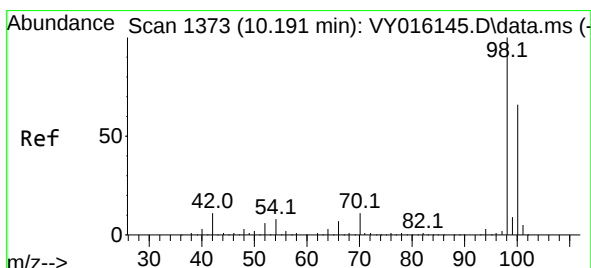
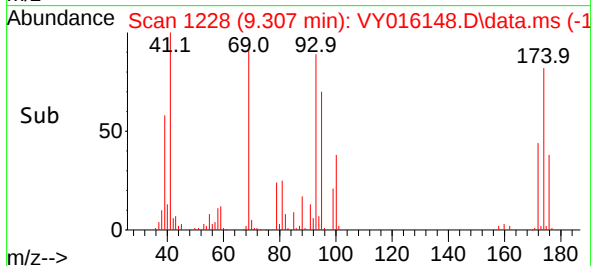
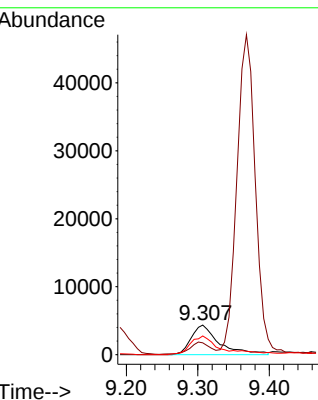
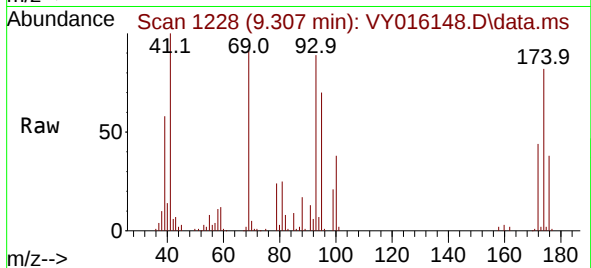
58 68.2 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Mahesh Dadoda 11/01/2023



#50

Toluene-d8

Concen: 52.904 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. -0.000 min

Lab File: VY016148.D

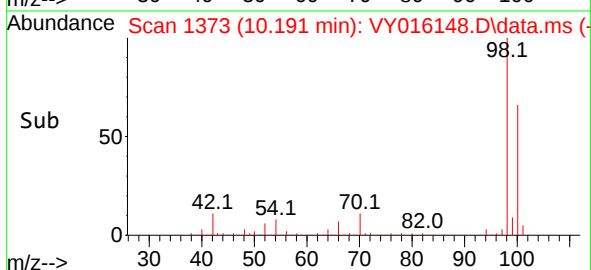
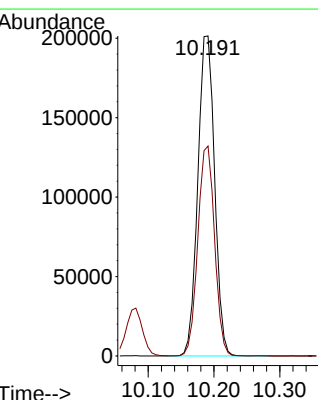
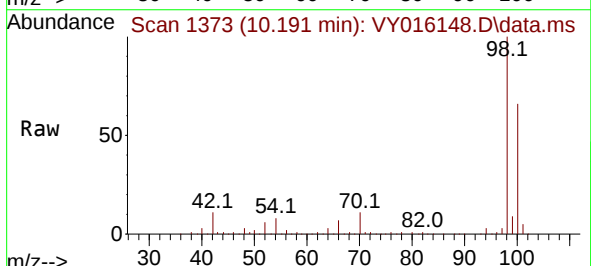
Acq: 31 Oct 2023 15:03

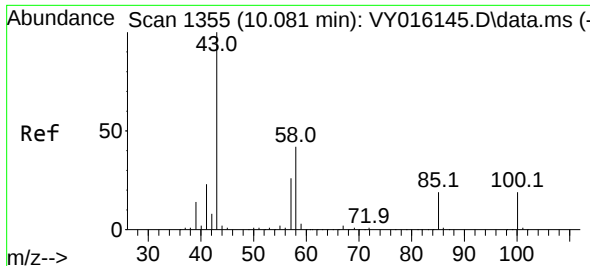
Tgt Ion: 98 Resp: 357959

Ion Ratio Lower Upper

98 100

100 65.3 50.1 75.1





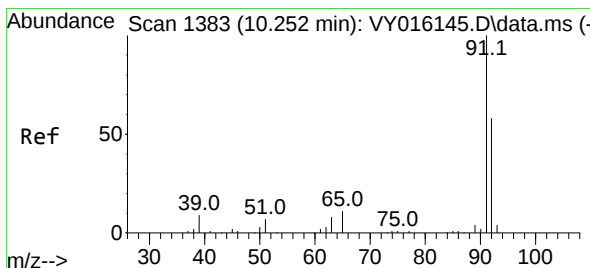
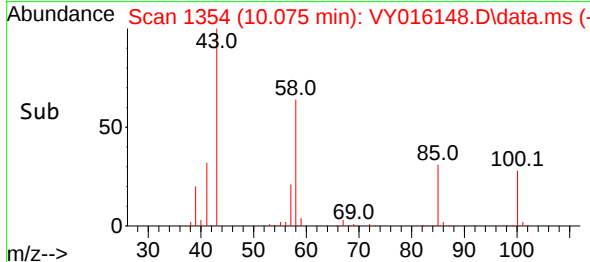
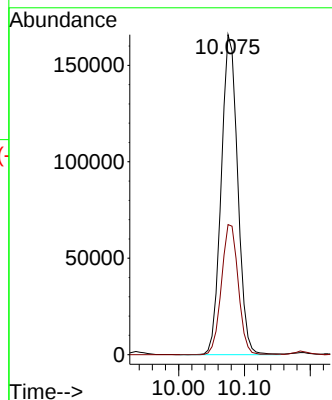
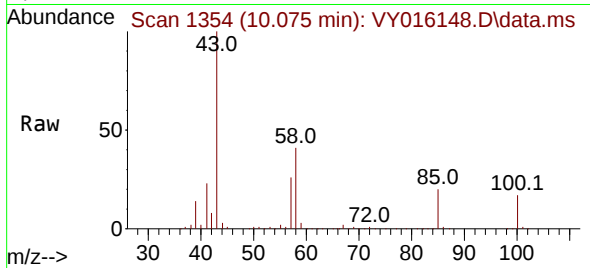
#51
4-Methyl-2-Pentanone
Concen: 266.829 ug/l
RT: 10.075 min Scan# 1355
Delta R.T. -0.006 min
Lab File: VY016148.D
Acq: 31 Oct 2023 15:03

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY103123

Tgt Ion: 43 Resp: 28905
Ion Ratio Lower Upper
43 100
58 41.5 29.0 43.6

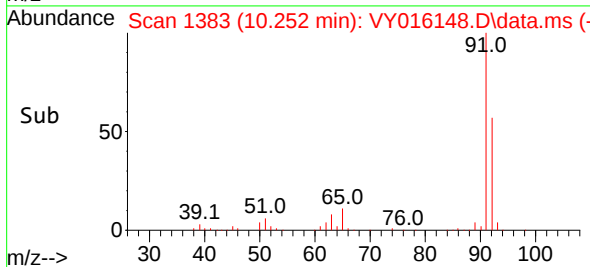
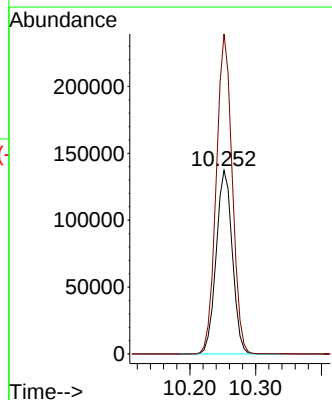
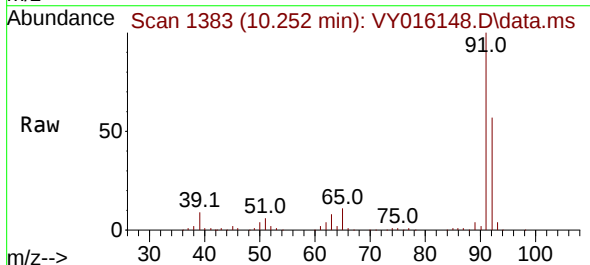
Manual Integrations
APPROVED

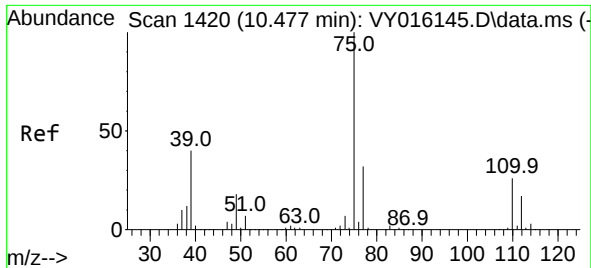
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#52
Toluene
Concen: 51.023 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VY016148.D
Acq: 31 Oct 2023 15:03

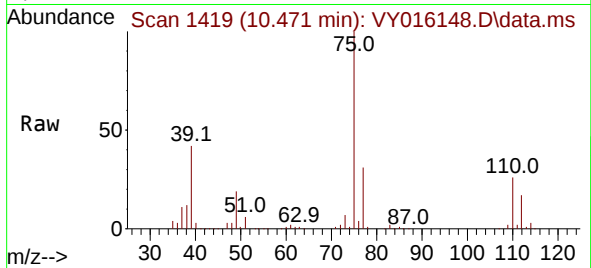
Tgt Ion: 92 Resp: 233910
Ion Ratio Lower Upper
92 100
91 172.5 143.8 215.6





#53
 t-1,3-Dichloropropene
 Concen: 52.385 ug/l
 RT: 10.471 min Scan# 1420
 Delta R.T. -0.006 min
 Lab File: VY016148.D
 Acq: 31 Oct 2023 15:03

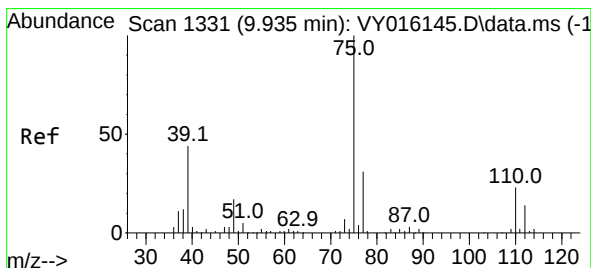
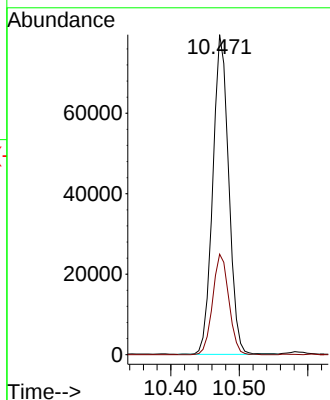
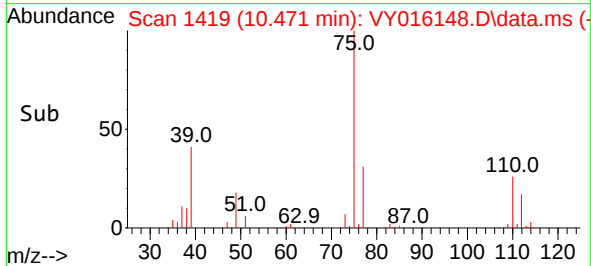
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY103123



Tgt Ion: 75 Resp: 12827
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.0 37.4

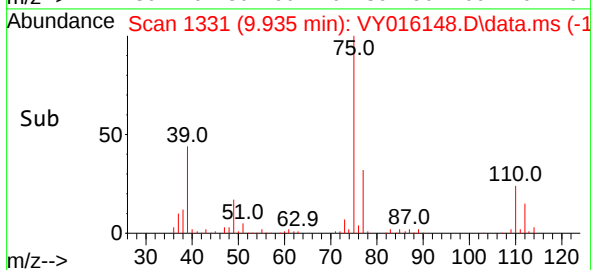
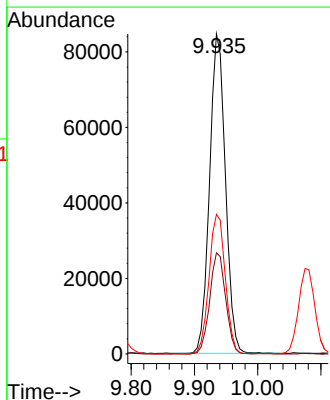
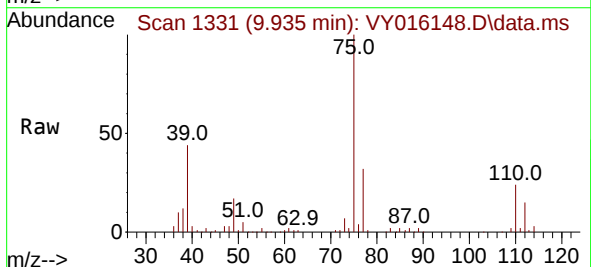
Manual Integrations
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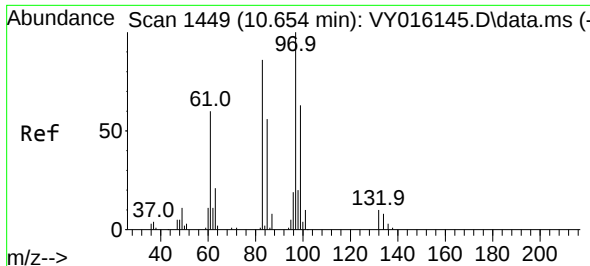
Reviewed By :John Carlone 11/01/2023
 Supervised By :Mahesh Dadoda 11/01/2023



#54
 cis-1,3-Dichloropropene
 Concen: 51.160 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. -0.000 min
 Lab File: VY016148.D
 Acq: 31 Oct 2023 15:03

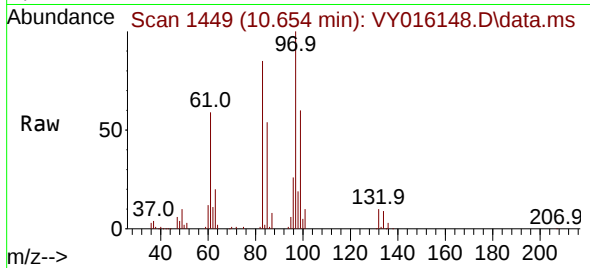
Tgt Ion: 75 Resp: 147002
 Ion Ratio Lower Upper
 75 100
 77 31.7 24.2 36.4
 39 43.6 42.2 63.4





#55
1,1,2-Trichloroethane
Concen: 51.197 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. -0.000 min
Lab File: VY016148.D
Acq: 31 Oct 2023 15:03

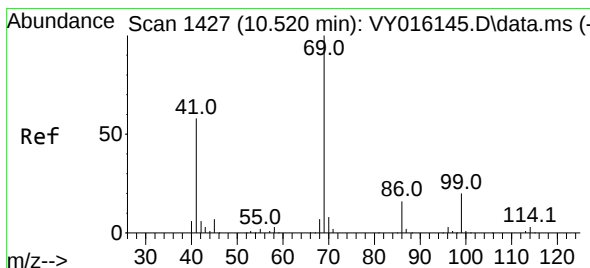
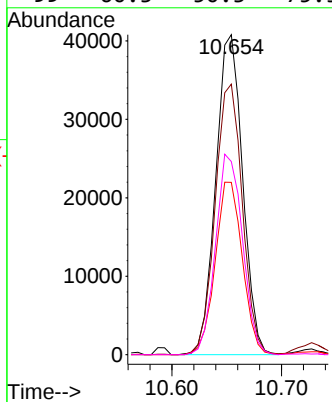
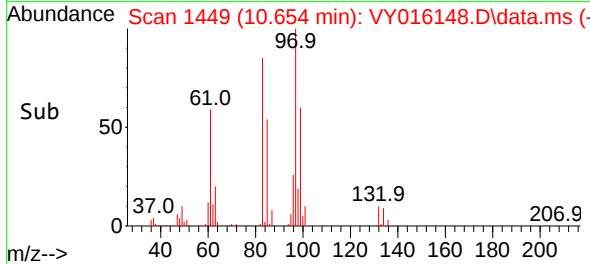
Instrument : MSVOA_Y
ClientSampleId : ICVVY103123



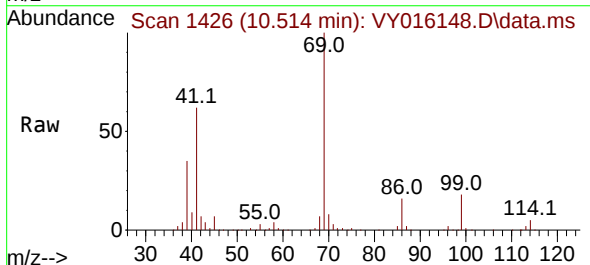
Tgt Ion: 97 Resp: 69528
Ion Ratio Lower Upper
97 100
83 84.5 72.0 108.0
85 53.9 45.4 68.0
99 60.3 50.3 75.5

Manual Integrations
APPROVED

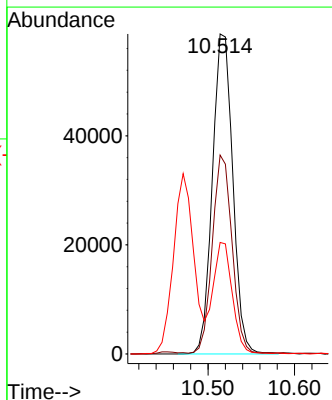
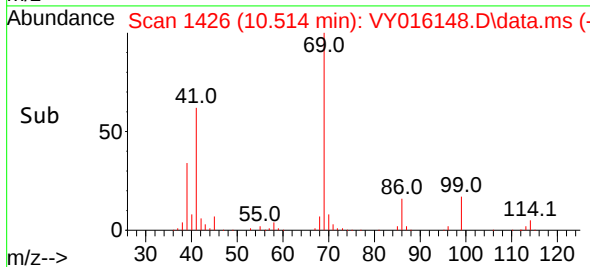
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023

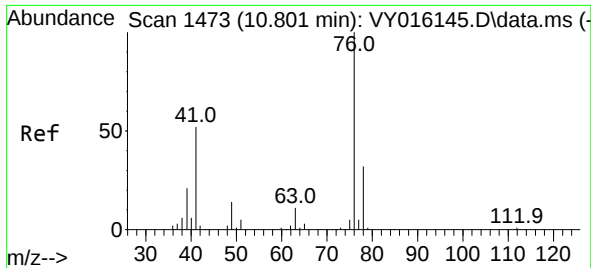


#56
Ethyl methacrylate
Concen: 54.363 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. -0.006 min
Lab File: VY016148.D
Acq: 31 Oct 2023 15:03



Tgt Ion: 69 Resp: 95879
Ion Ratio Lower Upper
69 100
41 59.7 57.6 86.4
39 32.8 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 50.648 ug/l

RT: 10.794 min Scan# 1473

Delta R.T. -0.006 min

Lab File: VY016148.D

Acq: 31 Oct 2023 15:03

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY103123

Tgt Ion: 76 Resp: 11709

Ion Ratio Lower Upper

76 100

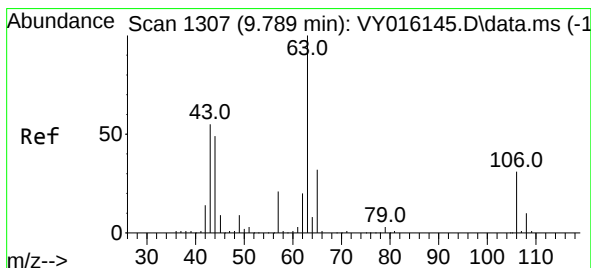
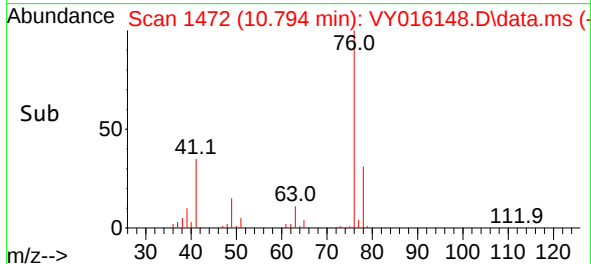
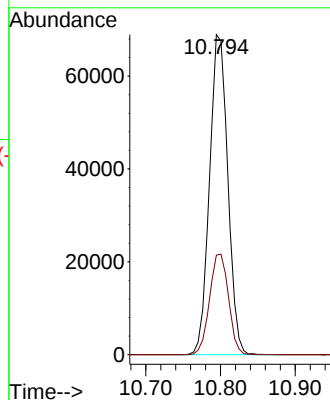
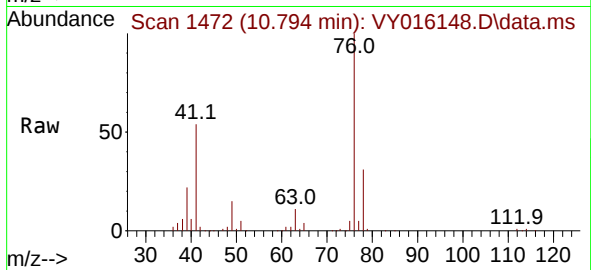
78 32.5 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Mahesh Dadoda 11/01/2023



#58

2-Chloroethyl Vinyl ether

Concen: 252.660 ug/l

RT: 9.788 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VY016148.D

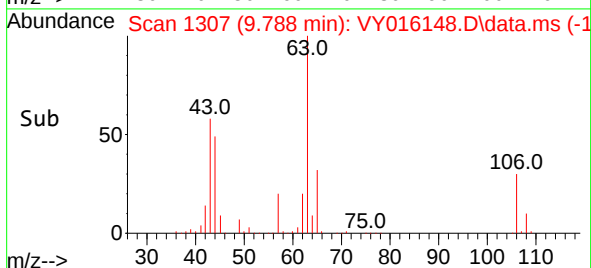
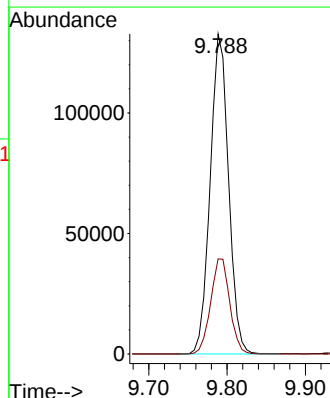
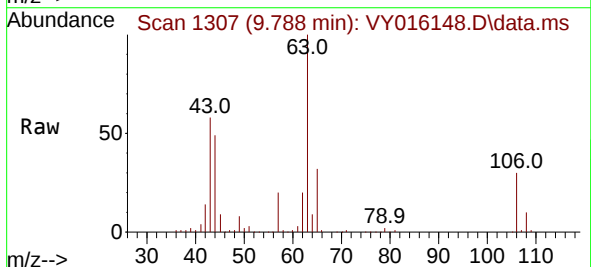
Acq: 31 Oct 2023 15:03

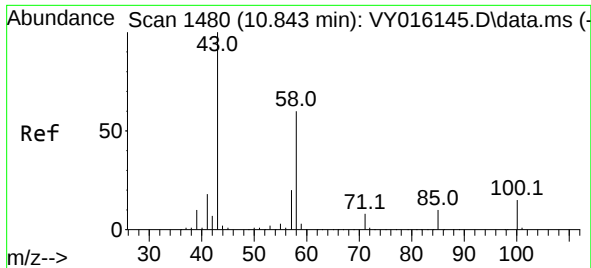
Tgt Ion: 63 Resp: 216080

Ion Ratio Lower Upper

63 100

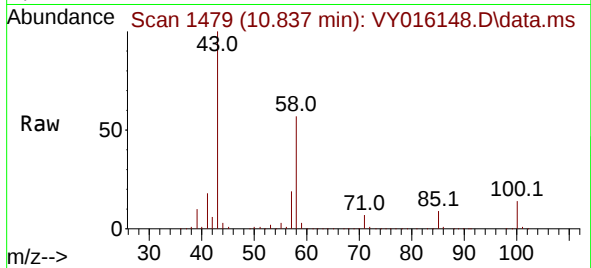
106 30.9 21.2 31.8





#59
2-Hexanone
Concen: 263.586 ug/l
RT: 10.837 min Scan# 1480
Delta R.T. -0.006 min
Lab File: VY016148.D
Acq: 31 Oct 2023 15:03

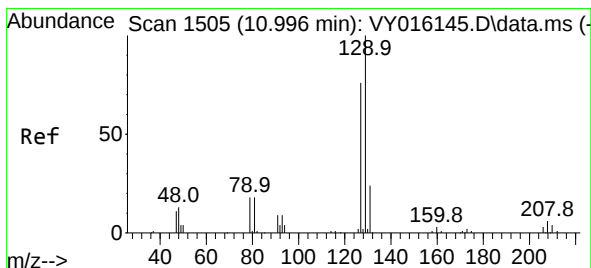
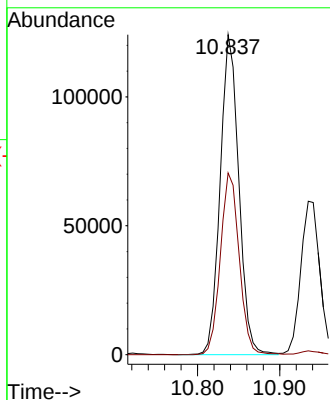
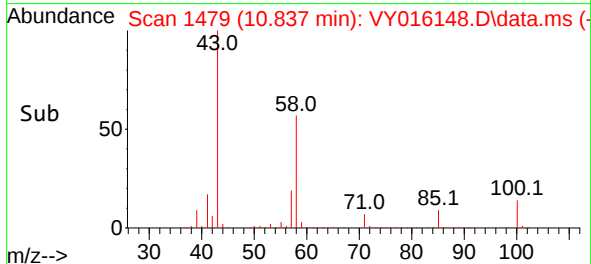
Instrument :
MSVOA_Y
ClientSampleId :
ICVY103123



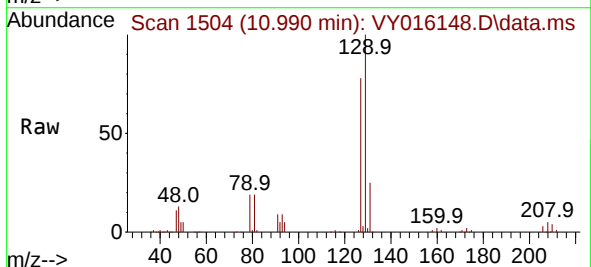
Tgt Ion: 43 Resp: 195672
Ion Ratio Lower Upper
43 100
58 57.3 25.1 75.3

Manual Integrations
APPROVED

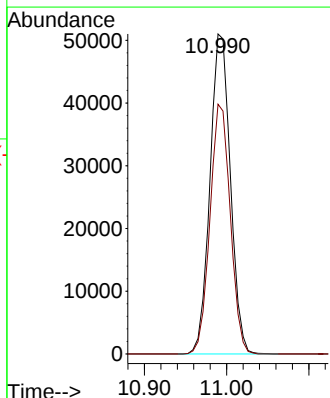
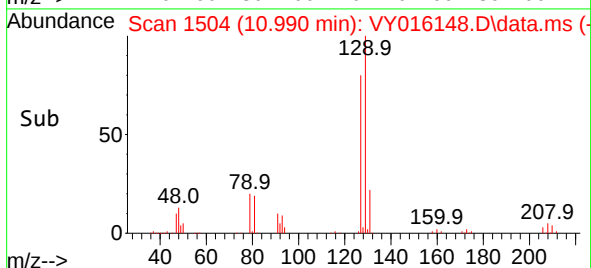
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023

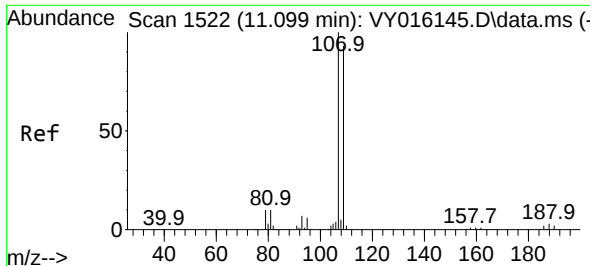


#60
Dibromochloromethane
Concen: 51.564 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. -0.006 min
Lab File: VY016148.D
Acq: 31 Oct 2023 15:03



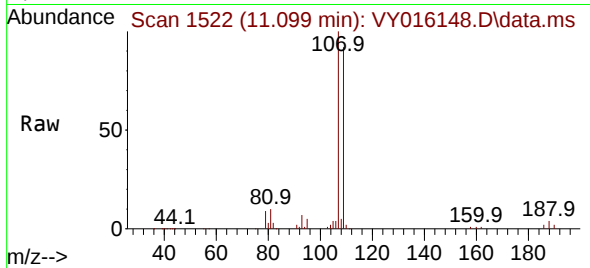
Tgt Ion:129 Resp: 87851
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.5





#61
1,2-Dibromoethane
Concen: 51.620 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VY016148.D
Acq: 31 Oct 2023 15:03

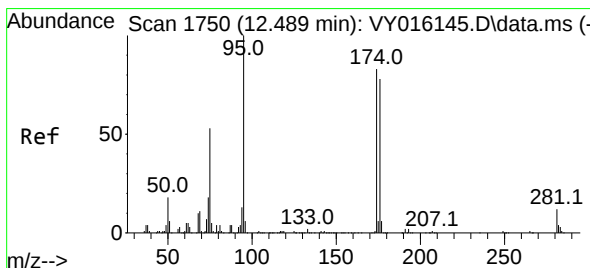
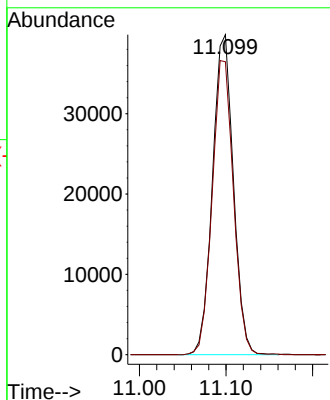
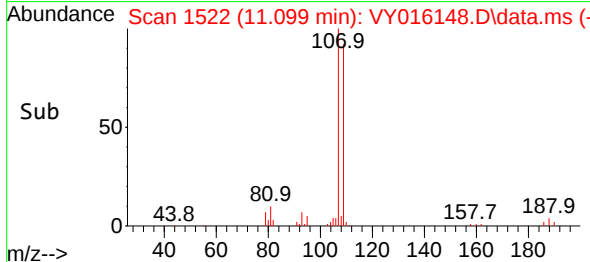
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY103123



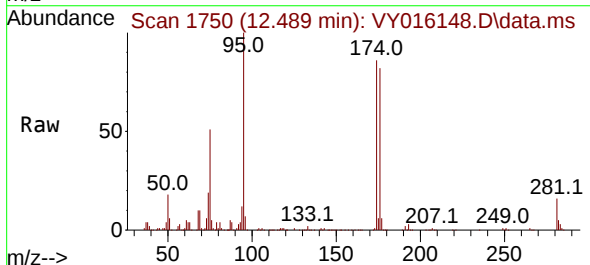
Tgt Ion:107 Resp: 66679
Ion Ratio Lower Upper
107 100
109 93.6 75.6 113.4

Manual Integrations
APPROVED

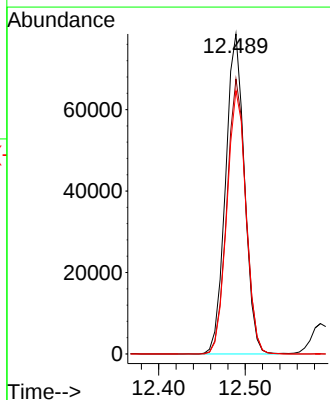
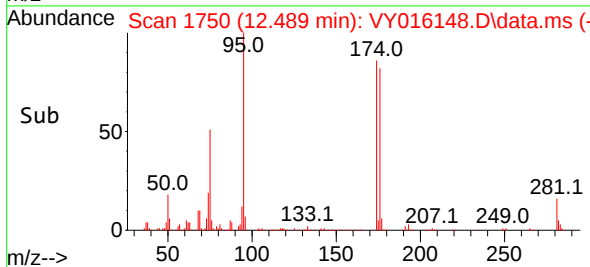
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023

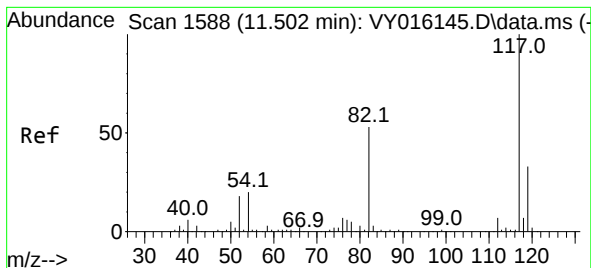


#62
4-Bromofluorobenzene
Concen: 51.442 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016148.D
Acq: 31 Oct 2023 15:03



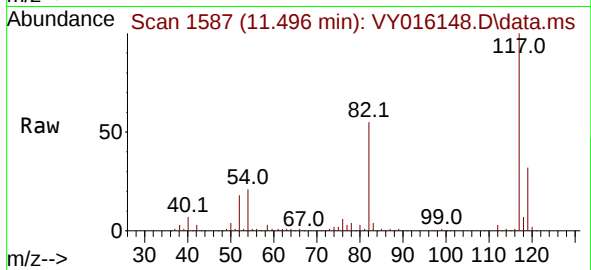
Tgt Ion: 95 Resp: 119022
Ion Ratio Lower Upper
95 100
174 86.2 0.0 178.2
176 83.2 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016148.D
Acq: 31 Oct 2023 15:03

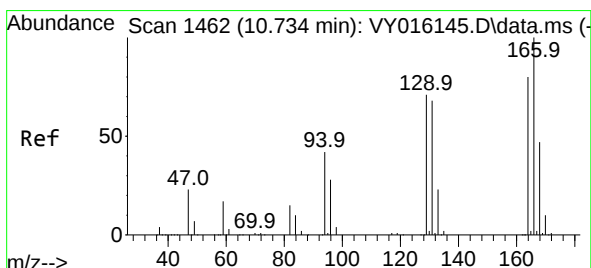
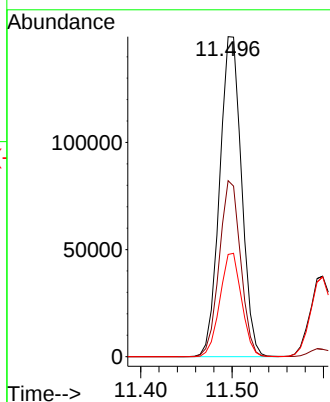
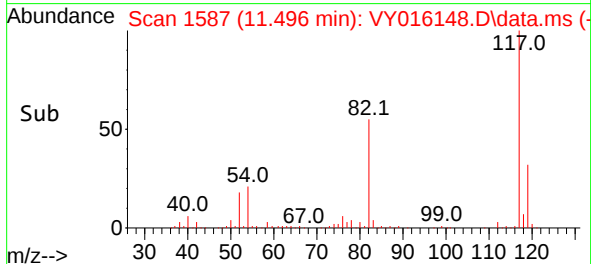
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY103123



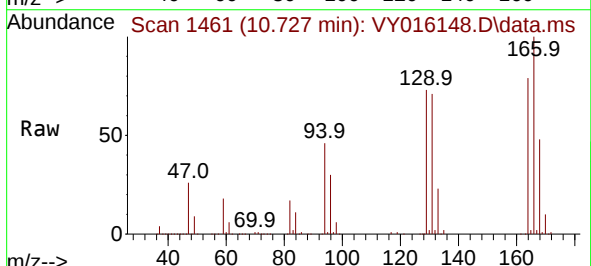
Tgt Ion:117 Resp: 249025
Ion Ratio Lower Upper
117 100
82 55.0 43.4 65.0
119 32.0 26.3 39.5

Manual Integrations
APPROVED

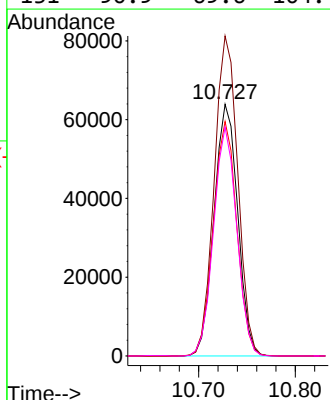
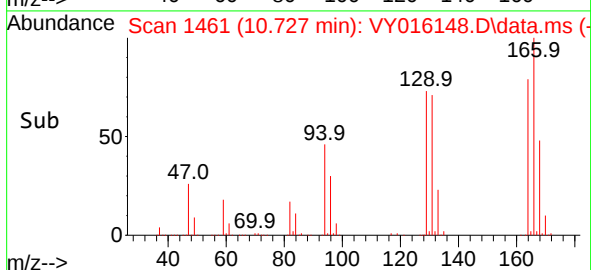
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023

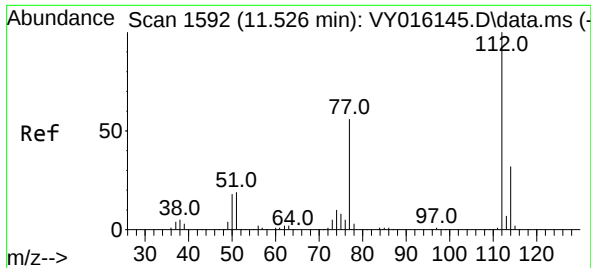


#64
Tetrachloroethene
Concen: 49.060 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. -0.006 min
Lab File: VY016148.D
Acq: 31 Oct 2023 15:03



Tgt Ion:164 Resp: 108671
Ion Ratio Lower Upper
164 100
166 127.2 103.0 154.6
129 93.2 77.2 115.8
131 90.9 69.6 104.4





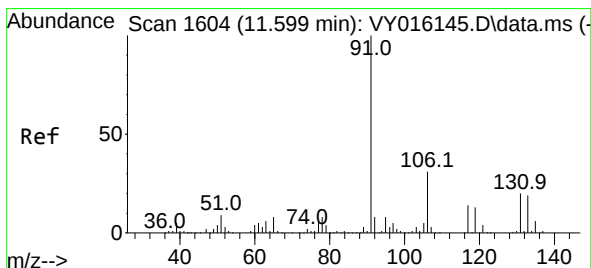
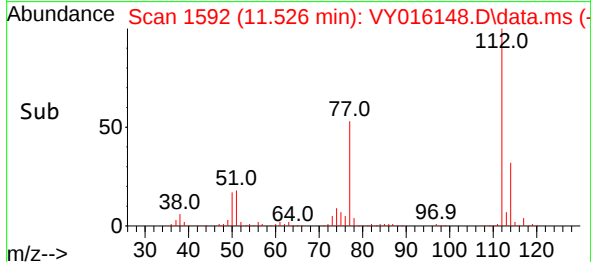
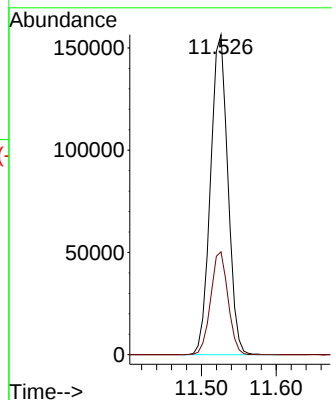
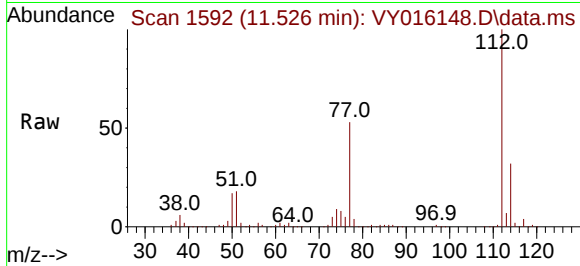
#65
Chlorobenzene
Concen: 50.922 ug/l
RT: 11.526 min Scan# 1119
Delta R.T. -0.000 min
Lab File: VY016148.D
Acq: 31 Oct 2023 15:03

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY103123

Tgt Ion:112 Resp: 251939
Ion Ratio Lower Upper
112 100
114 32.1 25.5 38.3

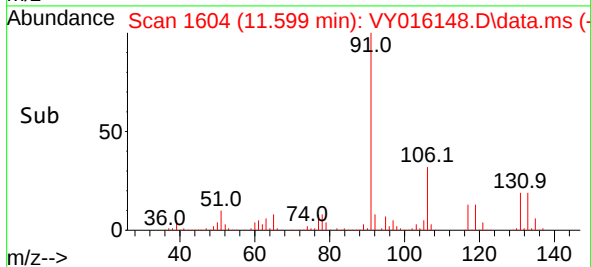
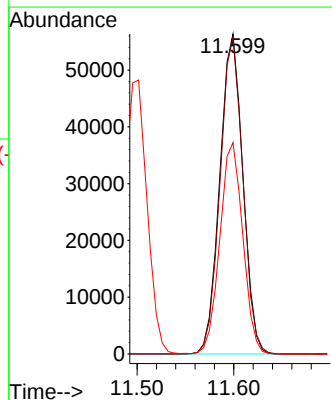
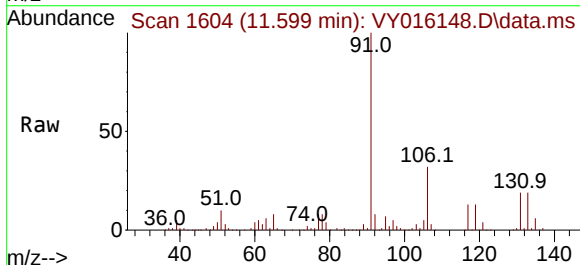
Manual Integrations
APPROVED

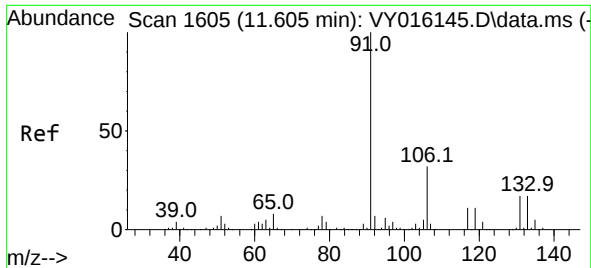
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 50.750 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. -0.000 min
Lab File: VY016148.D
Acq: 31 Oct 2023 15:03

Tgt Ion:131 Resp: 93000
Ion Ratio Lower Upper
131 100
133 97.9 47.5 142.6
119 65.9 31.6 94.7





#67

Ethyl Benzene

Concen: 51.570 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. -0.006 min

Lab File: VY016148.D

Acq: 31 Oct 2023 15:03

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY103123

Tgt Ion: 91 Resp: 45635

Ion Ratio Lower Upper

91 100

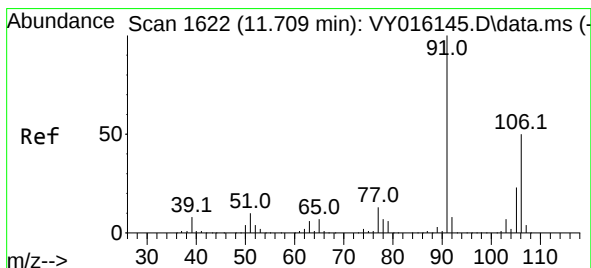
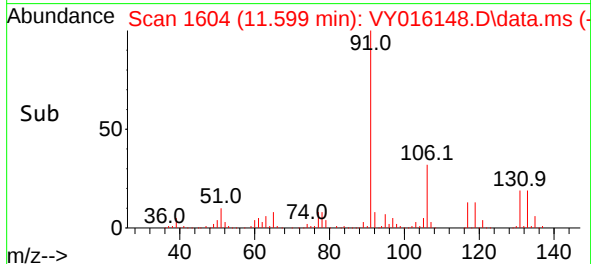
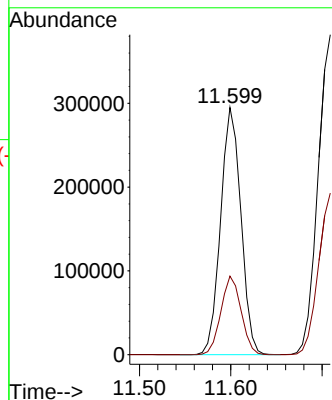
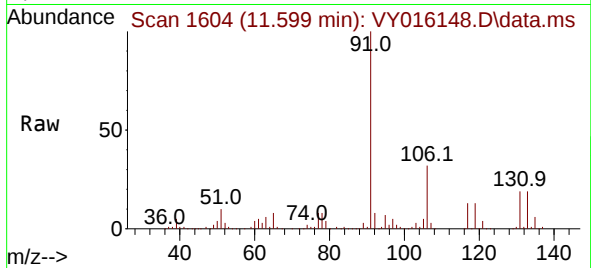
106 31.8 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Mahesh Dadoda 11/01/2023



#68

m/p-Xylenes

Concen: 102.682 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. -0.000 min

Lab File: VY016148.D

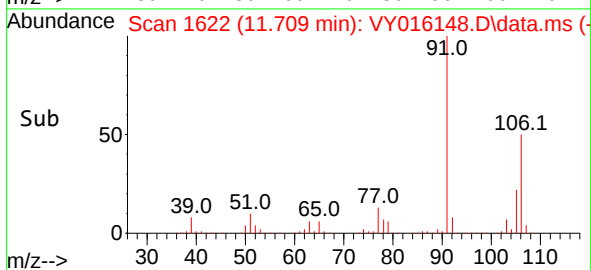
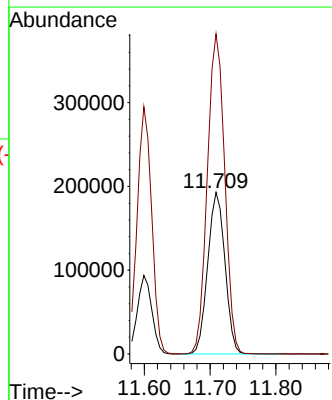
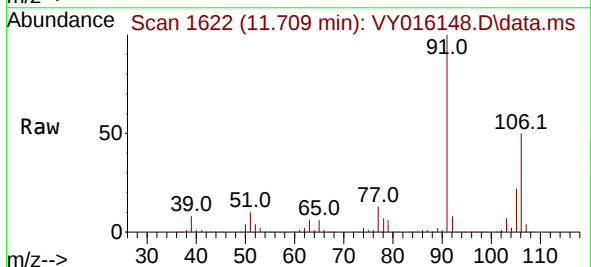
Acq: 31 Oct 2023 15:03

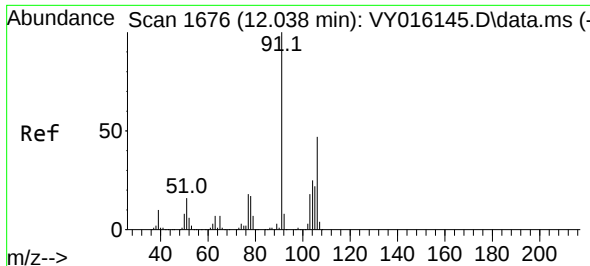
Tgt Ion:106 Resp: 351122

Ion Ratio Lower Upper

106 100

91 199.7 166.1 249.1





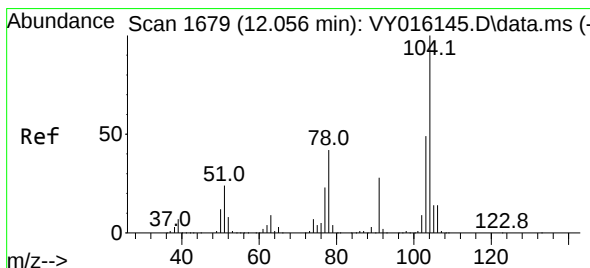
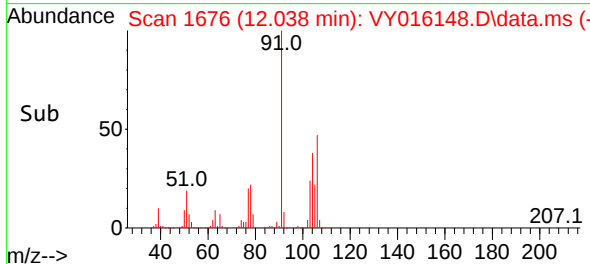
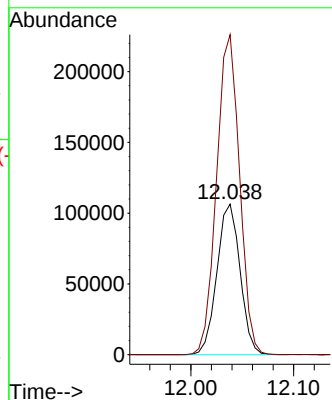
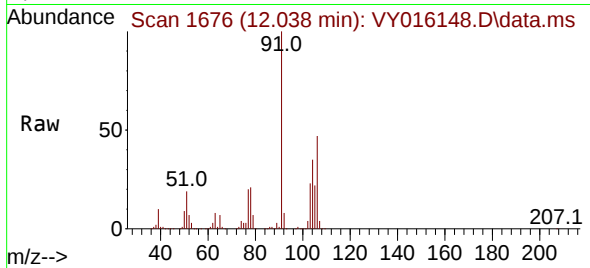
#69
o-Xylene
Concen: 50.925 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VY016148.D
Acq: 31 Oct 2023 15:03

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY103123

Tgt Ion:106 Resp: 166263
Ion Ratio Lower Upper
106 100
91 211.4 108.1 324.3

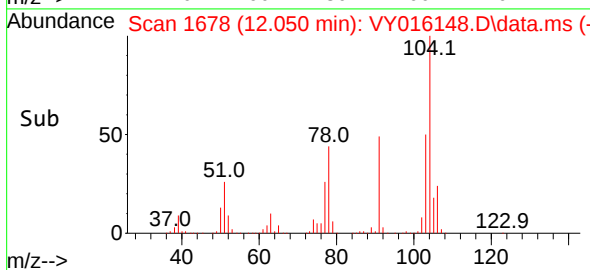
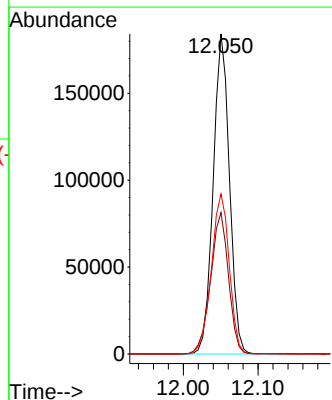
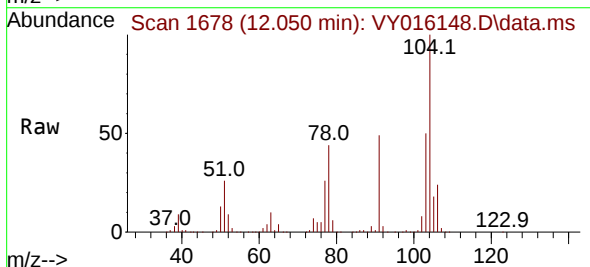
Manual Integrations
APPROVED

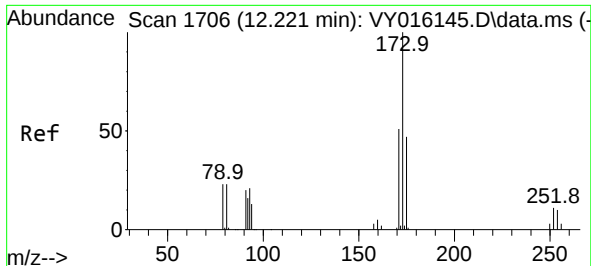
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#70
Styrene
Concen: 51.381 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY016148.D
Acq: 31 Oct 2023 15:03

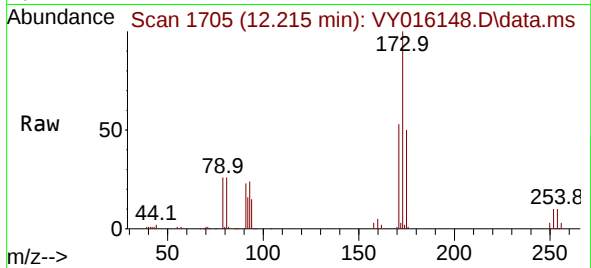
Tgt Ion:104 Resp: 278875
Ion Ratio Lower Upper
104 100
78 48.6 41.5 62.3
103 55.2 44.6 67.0





#71
Bromoform
Concen: 52.037 ug/l
RT: 12.215 min Scan# 1706
Delta R.T. -0.006 min
Lab File: VY016148.D
Acq: 31 Oct 2023 15:03

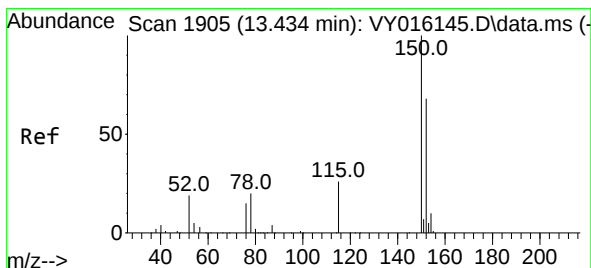
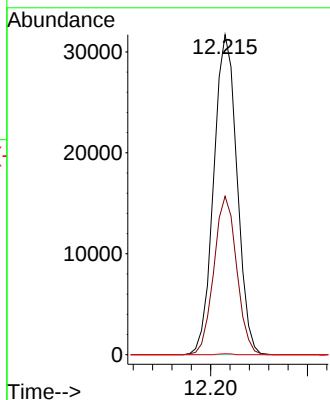
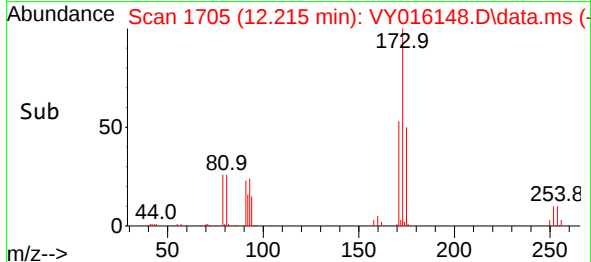
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY103123



Tgt Ion:173 Resp: 5290
Ion Ratio Lower Upper
173 100
175 48.5 24.6 73.8
254 0.2 0.2 0.2

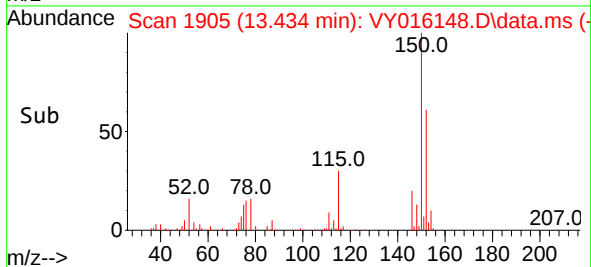
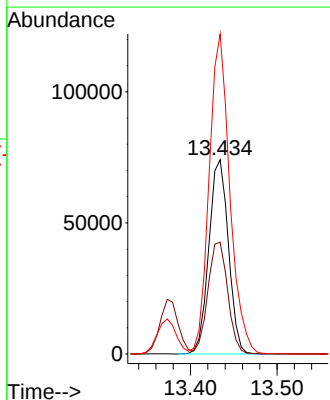
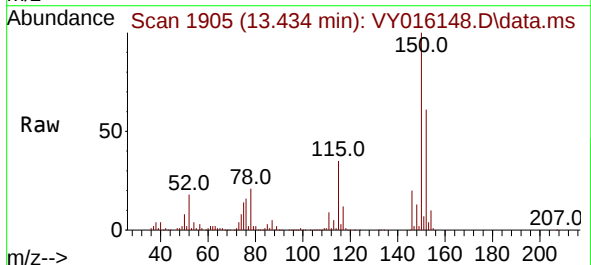
Manual Integrations
APPROVED

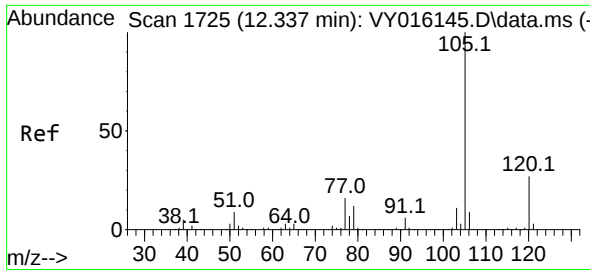
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VY016148.D
Acq: 31 Oct 2023 15:03

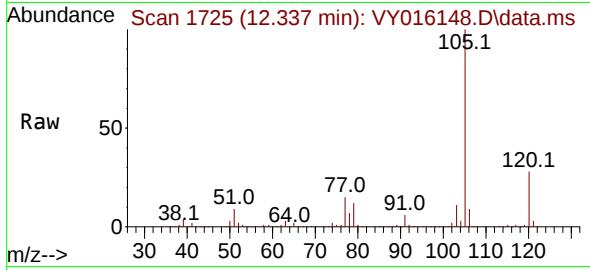
Tgt Ion:152 Resp: 116252
Ion Ratio Lower Upper
152 100
115 58.3 28.8 86.5
150 174.0 0.0 348.8





#73
Isopropylbenzene
Concen: 51.398 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. -0.000 min
Lab File: VY016148.D
Acq: 31 Oct 2023 15:03

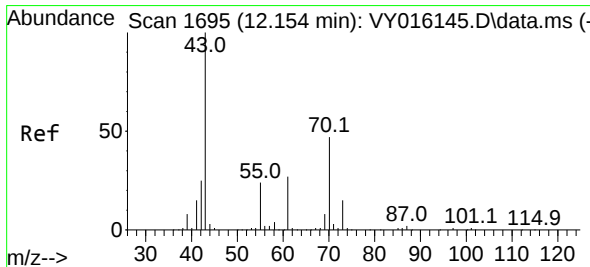
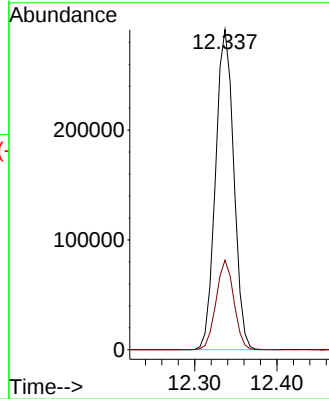
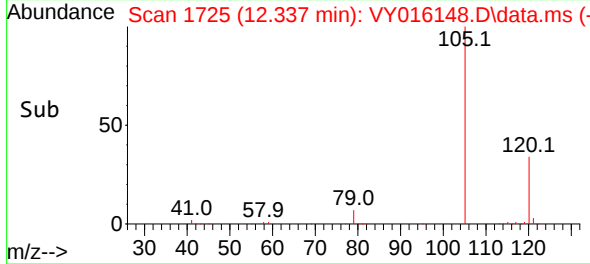
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY103123



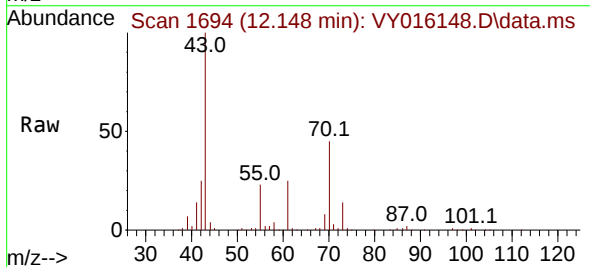
Tgt Ion:105 Resp: 448210
Ion Ratio Lower Upper
105 100
120 27.2 13.3 39.9

Manual Integrations
APPROVED

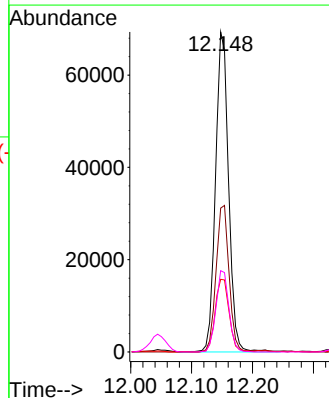
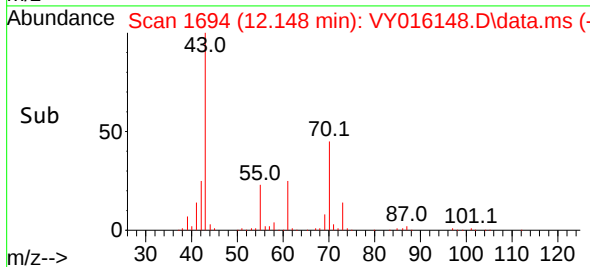
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023

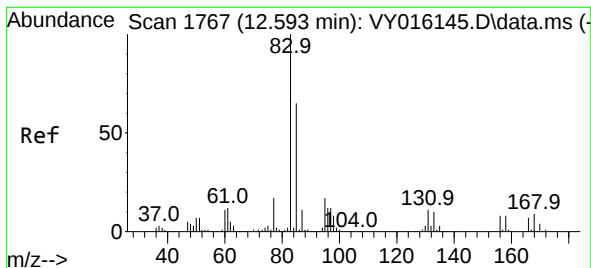


#74
N-ethyl acetate
Concen: 54.356 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. -0.006 min
Lab File: VY016148.D
Acq: 31 Oct 2023 15:03



Tgt Ion: 43 Resp: 103004
Ion Ratio Lower Upper
43 100
70 45.5 29.7 44.5#
55 24.4 18.3 27.5
61 25.2 17.5 26.3





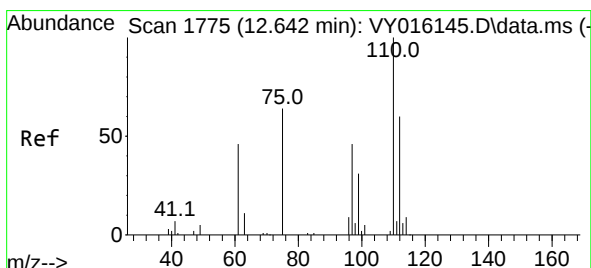
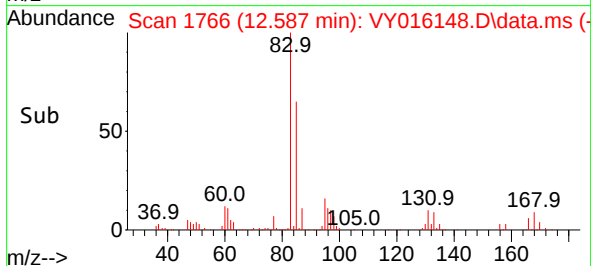
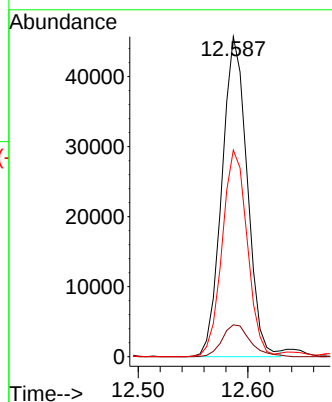
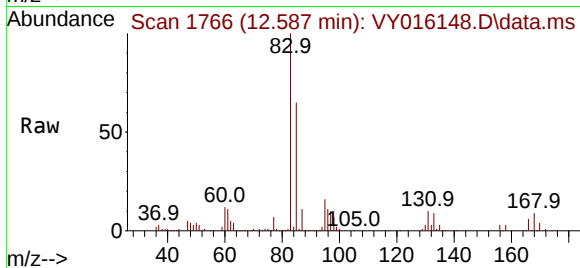
#75
1,1,2,2-Tetrachloroethane
Concen: 52.790 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. -0.006 min
Lab File: VY016148.D
Acq: 31 Oct 2023 15:03

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY103123

Tgt Ion: 83 Resp: 7325
Ion Ratio Lower Upper
83 100
131 11.1 5.4 16.2
85 63.9 31.8 95.4

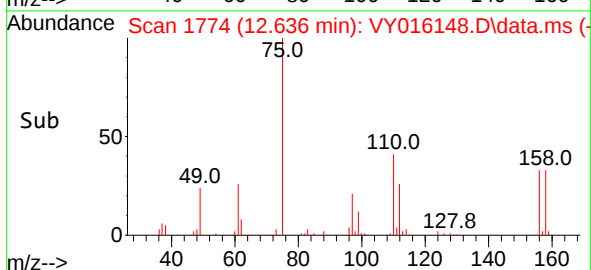
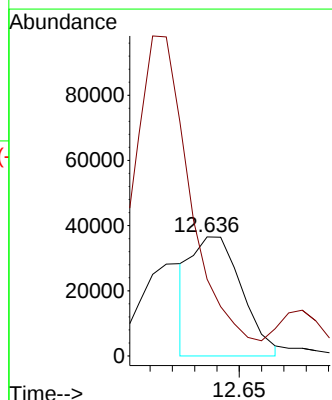
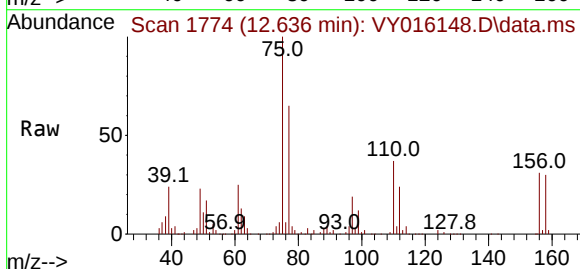
Manual Integrations
APPROVED

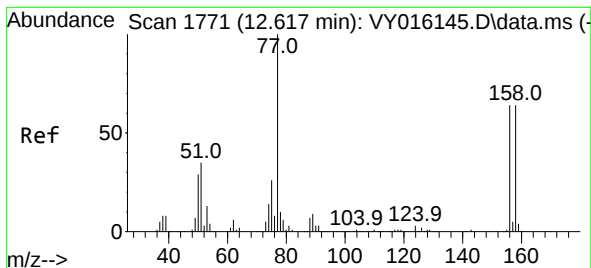
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#76
1,2,3-Trichloropropane
Concen: 52.212 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VY016148.D
Acq: 31 Oct 2023 15:03

Tgt Ion: 75 Resp: 57159
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.176 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. -0.000 min

Lab File: VY016148.D

Acq: 31 Oct 2023 15:03

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY103123

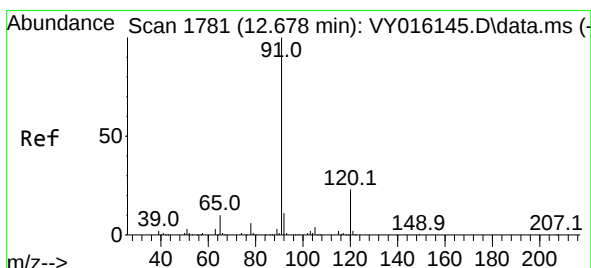
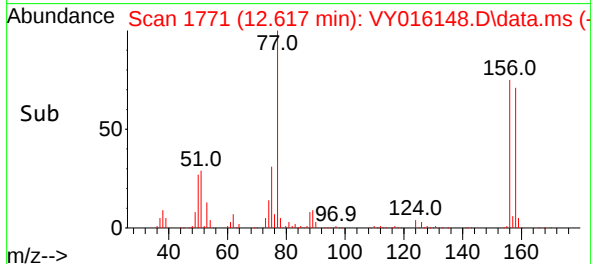
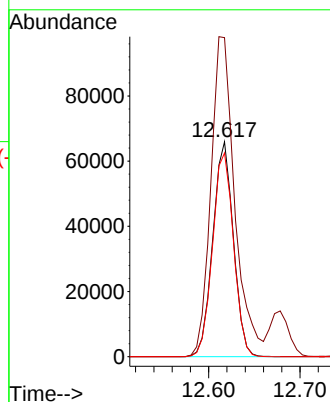
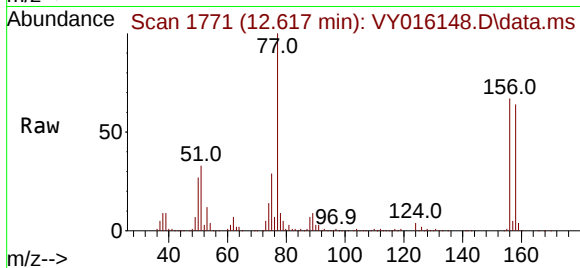
Tgt Ion:	156	Resp:	10302
Ion Ratio	Lower	Upper	
156	100		
77	173.2	92.8	278.6
158	96.8	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Mahesh Dadoda 11/01/2023



#78

n-propylbenzene

Concen: 51.488 ug/l

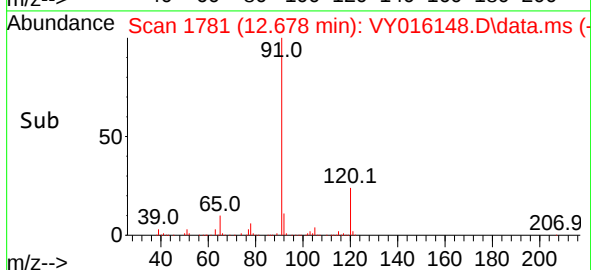
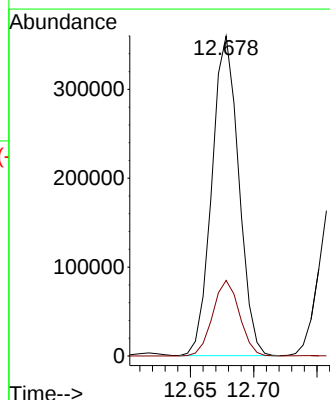
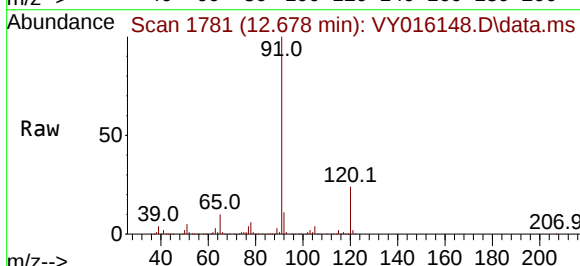
RT: 12.678 min Scan# 1781

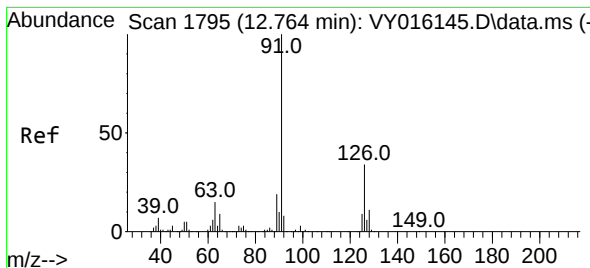
Delta R.T. -0.000 min

Lab File: VY016148.D

Acq: 31 Oct 2023 15:03

Tgt Ion:	91	Resp:	530827
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.5	34.4





#79

2-Chlorotoluene

Concen: 50.969 ug/l

RT: 12.764 min Scan# 1795

Delta R.T. -0.000 min

Lab File: VY016148.D

Acq: 31 Oct 2023 15:03

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY103123

Tgt Ion: 91 Resp: 29308

Ion Ratio Lower Upper

91 100

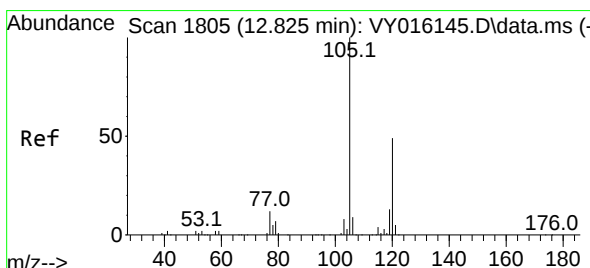
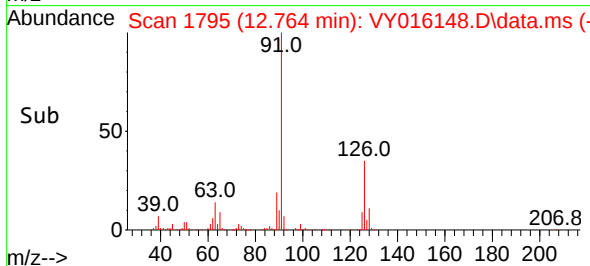
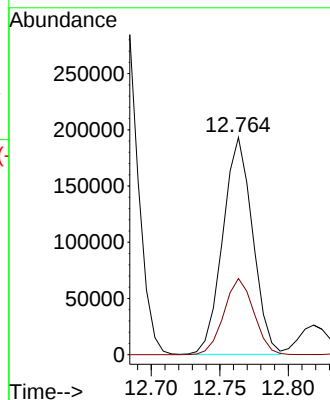
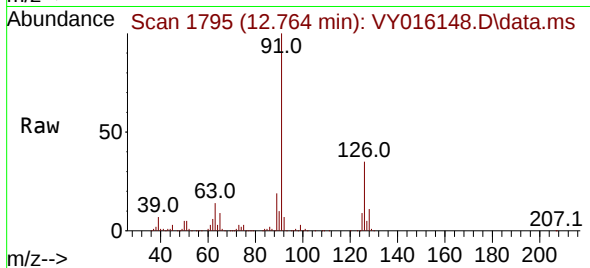
126 35.1 17.3 51.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Mahesh Dadoda 11/01/2023



#80

1,3,5-Trimethylbenzene

Concen: 51.316 ug/l

RT: 12.818 min Scan# 1804

Delta R.T. -0.006 min

Lab File: VY016148.D

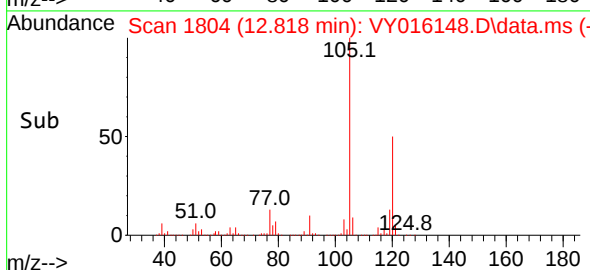
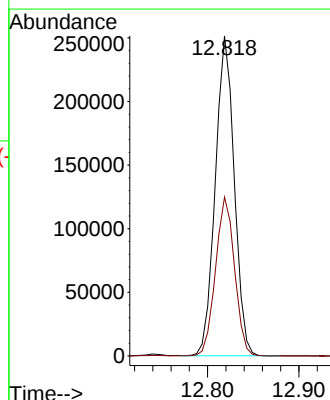
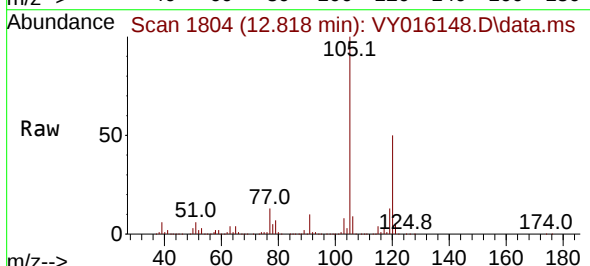
Acq: 31 Oct 2023 15:03

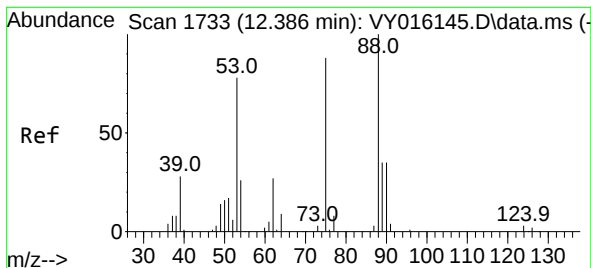
Tgt Ion:105 Resp: 362542

Ion Ratio Lower Upper

105 100

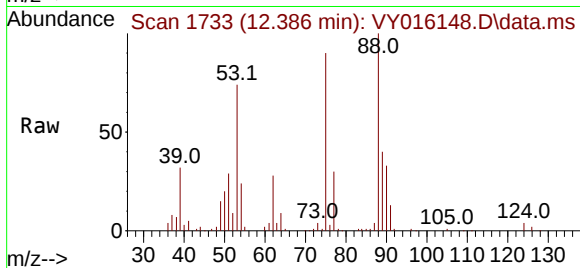
120 49.7 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 54.002 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. -0.000 min
Lab File: VY016148.D
Acq: 31 Oct 2023 15:03

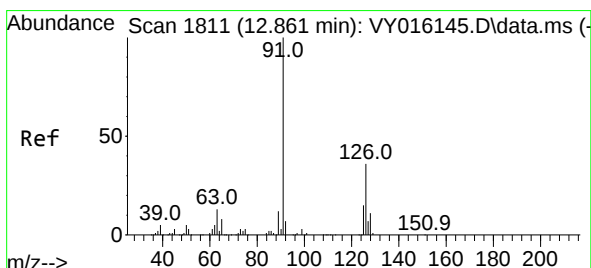
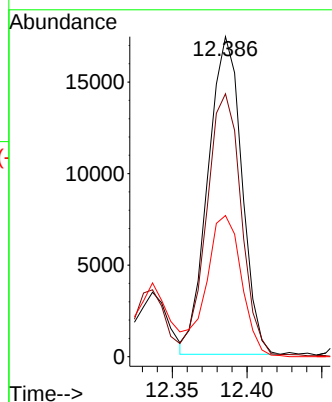
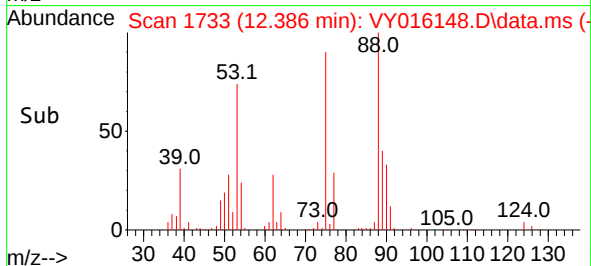
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY103123



Tgt Ion: 75 Resp: 27260
Ion Ratio Lower Upper
75 100
53 85.4 77.8 116.8
89 46.8 37.4 56.0

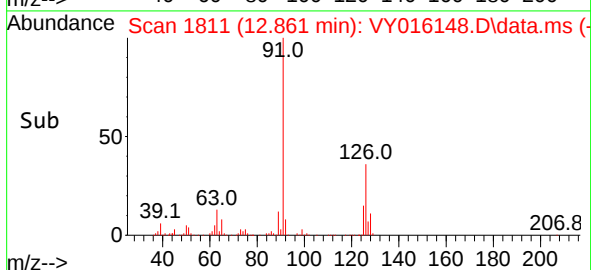
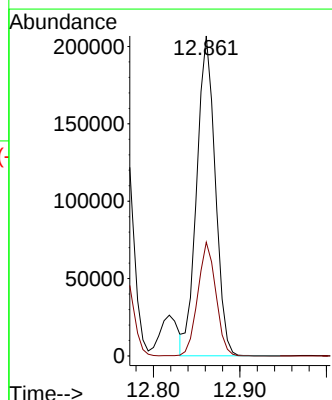
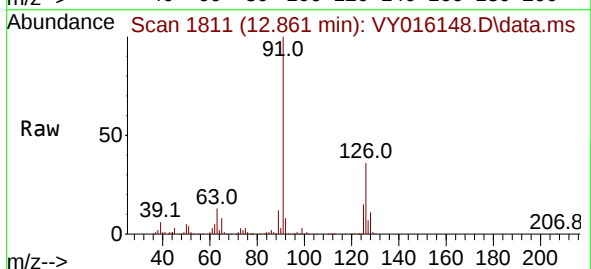
Manual Integrations
APPROVED

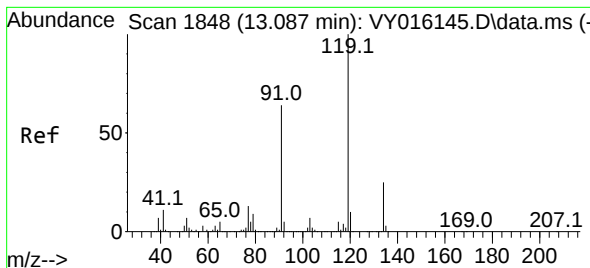
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#82
4-Chlorotoluene
Concen: 51.782 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VY016148.D
Acq: 31 Oct 2023 15:03

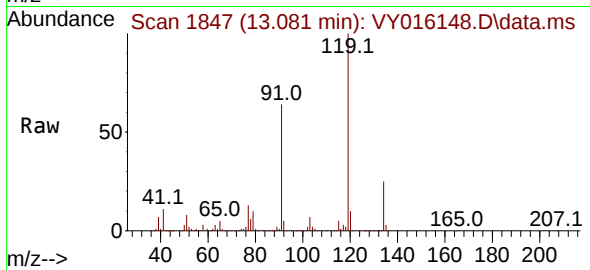
Tgt Ion: 91 Resp: 305760
Ion Ratio Lower Upper
91 100
126 34.8 17.2 51.6





#83
tert-Butylbenzene
Concen: 51.435 ug/l
RT: 13.081 min Scan# 1848
Delta R.T. -0.006 min
Lab File: VY016148.D
Acq: 31 Oct 2023 15:03

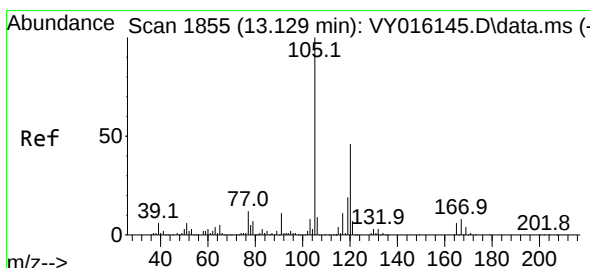
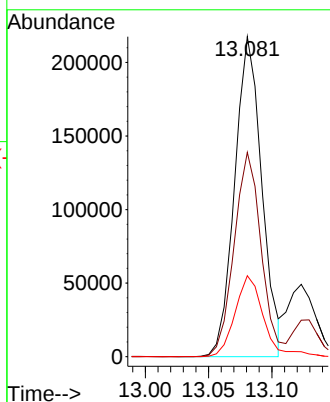
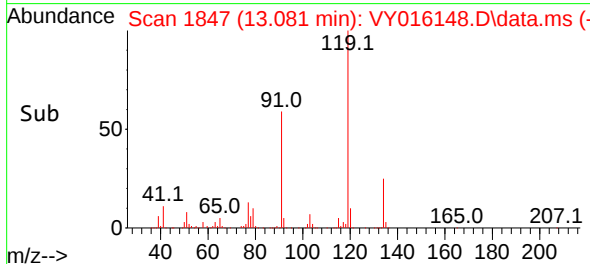
Instrument : MSVOA_Y
ClientSampleId : ICVVY103123



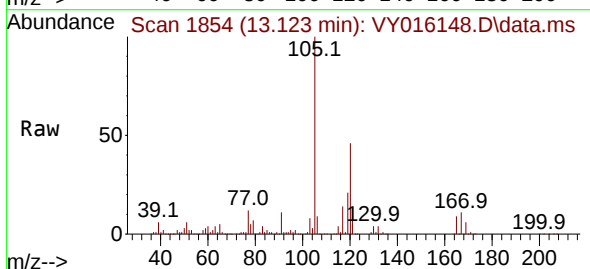
Tgt Ion:119 Resp: 32514
Ion Ratio Lower Upper
119 100
91 64.0 32.9 98.6
134 26.6 13.0 38.9

Manual Integrations
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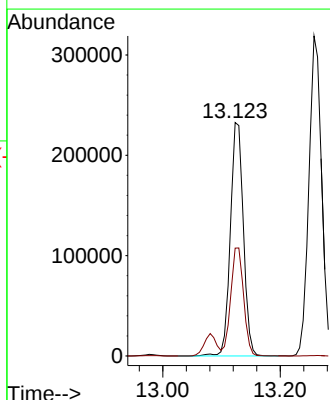
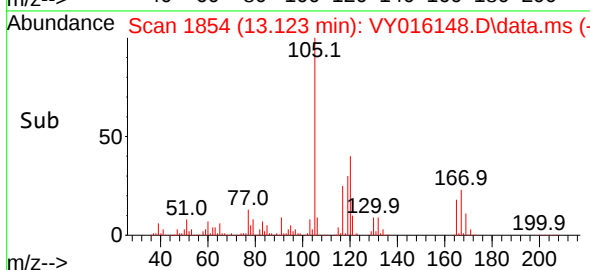
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023

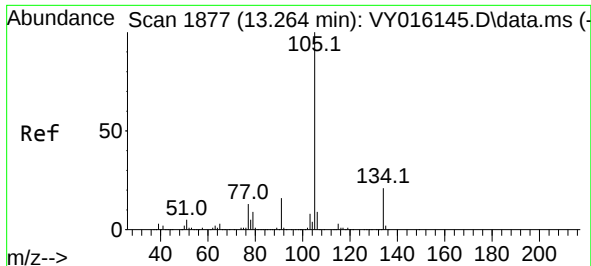


#84
1,2,4-Trimethylbenzene
Concen: 51.202 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.006 min
Lab File: VY016148.D
Acq: 31 Oct 2023 15:03



Tgt Ion:105 Resp: 357942
Ion Ratio Lower Upper
105 100
120 45.7 22.2 66.6





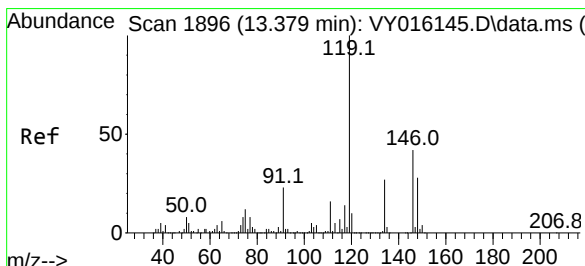
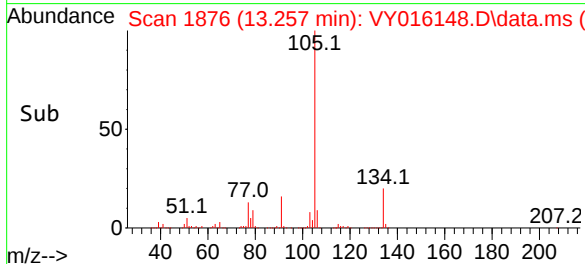
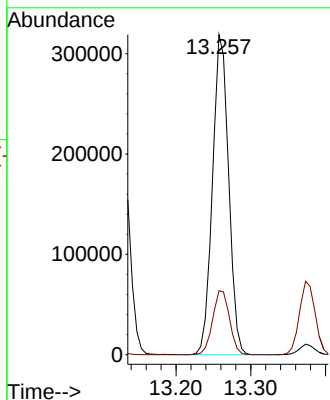
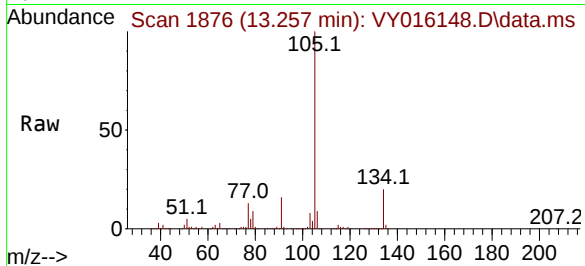
#85
 sec-Butylbenzene
 Concen: 51.583 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. -0.006 min
 Lab File: VY016148.D
 Acq: 31 Oct 2023 15:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY103123

Tgt Ion:105 Resp: 478589
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.2 30.6

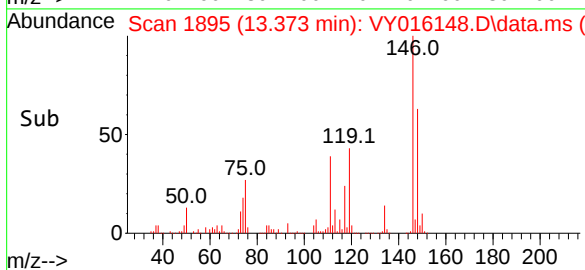
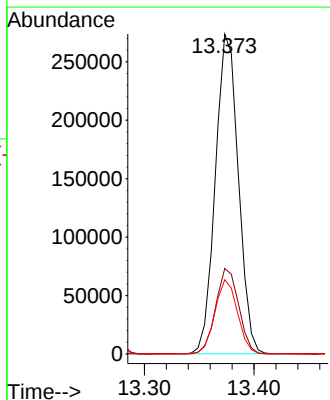
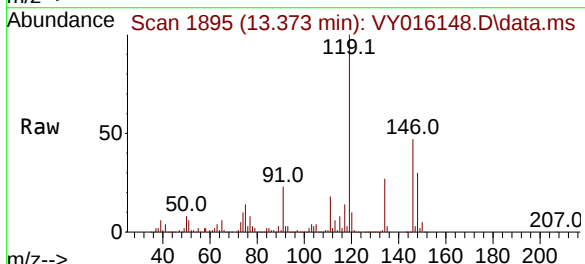
Manual Integrations
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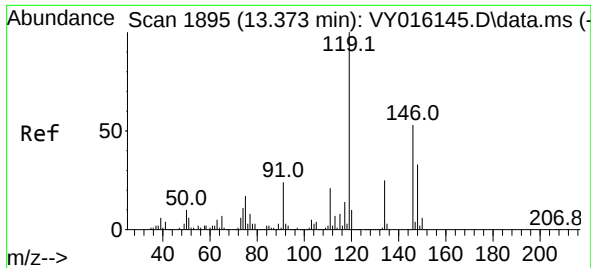
Reviewed By :John Carlone 11/01/2023
 Supervised By :Mahesh Dadoda 11/01/2023



#86
 p-Isopropyltoluene
 Concen: 51.918 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. -0.006 min
 Lab File: VY016148.D
 Acq: 31 Oct 2023 15:03

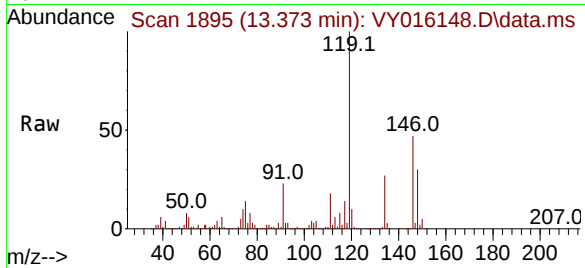
Tgt Ion:119 Resp: 399234
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.3 39.8
 91 22.8 12.4 37.4





#87
1,3-Dichlorobenzene
Concen: 51.295 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. -0.000 min
Lab File: VY016148.D
Acq: 31 Oct 2023 15:03

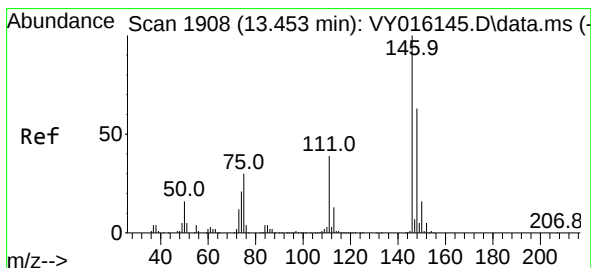
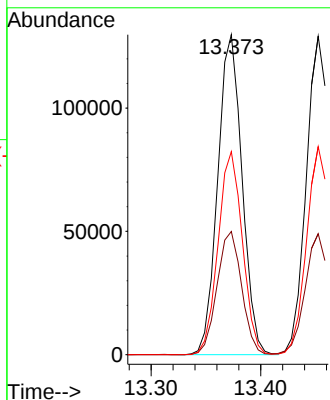
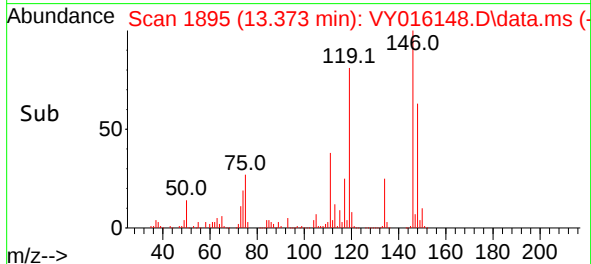
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY103123



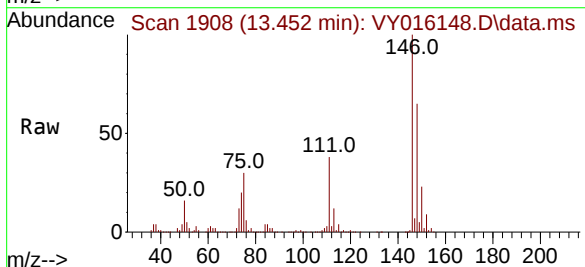
Tgt Ion:146 Resp: 200314
Ion Ratio Lower Upper
146 100
111 38.9 19.4 58.2
148 63.3 31.9 95.5

Manual Integrations
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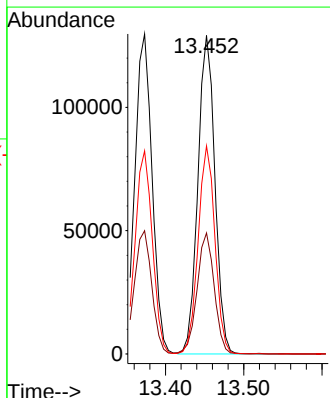
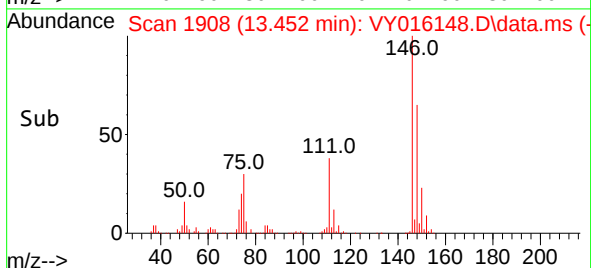
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023

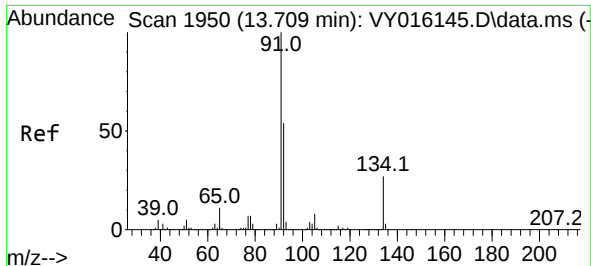


#88
1,4-Dichlorobenzene
Concen: 50.524 ug/l
RT: 13.452 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VY016148.D
Acq: 31 Oct 2023 15:03



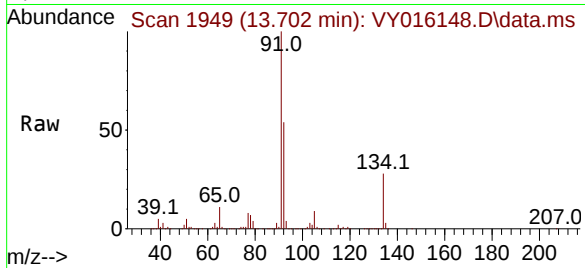
Tgt Ion:146 Resp: 195008
Ion Ratio Lower Upper
146 100
111 38.2 18.9 56.7
148 64.7 32.1 96.5





#89
n-Butylbenzene
Concen: 51.245 ug/l
RT: 13.702 min Scan# 1949
Delta R.T. -0.006 min
Lab File: VY016148.D
Acq: 31 Oct 2023 15:03

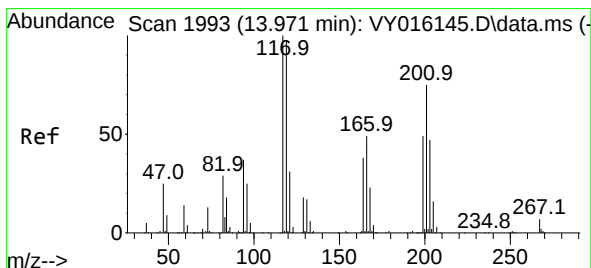
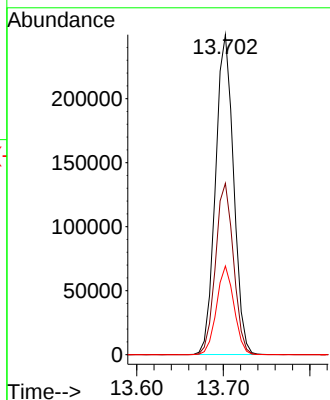
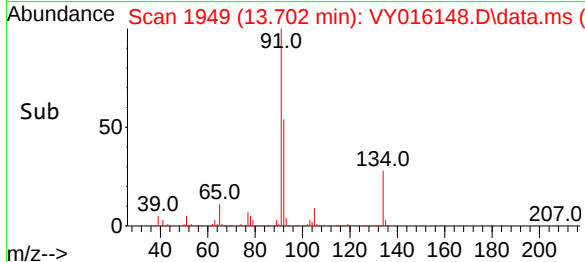
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY103123



Tgt Ion: 91 Resp: 362078
Ion Ratio Lower Upper
91 100
92 53.3 25.4 76.0
134 26.9 12.6 37.6

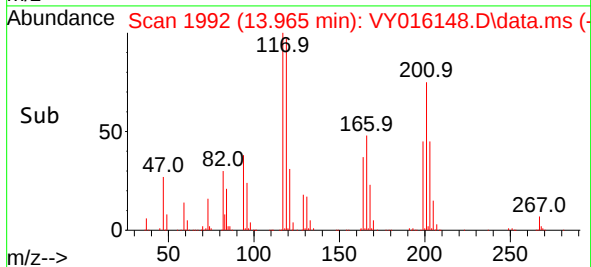
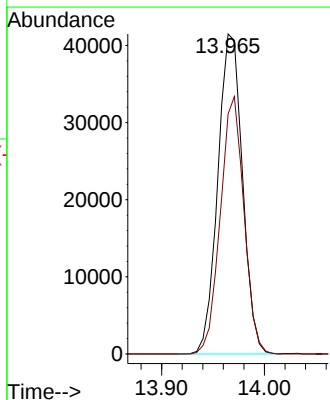
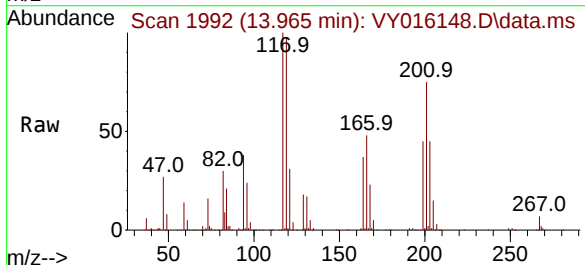
Manual Integrations
APPROVED

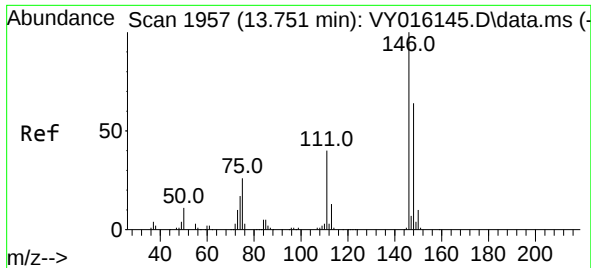
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#90
Hexachloroethane
Concen: 52.098 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. -0.006 min
Lab File: VY016148.D
Acq: 31 Oct 2023 15:03

Tgt Ion:117 Resp: 69038
Ion Ratio Lower Upper
117 100
201 77.0 41.6 124.8





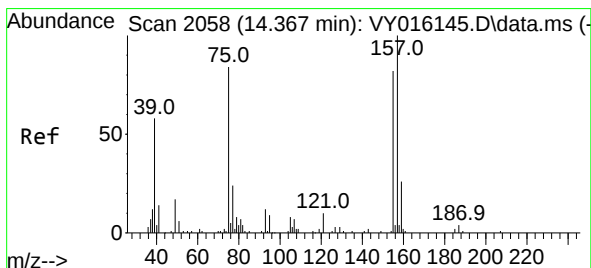
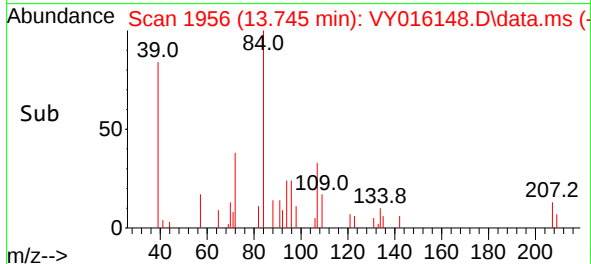
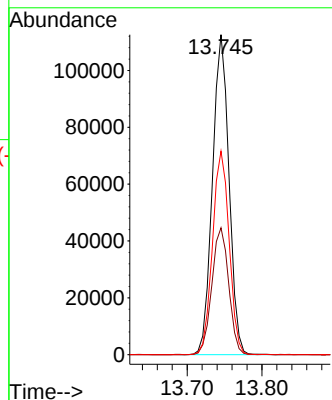
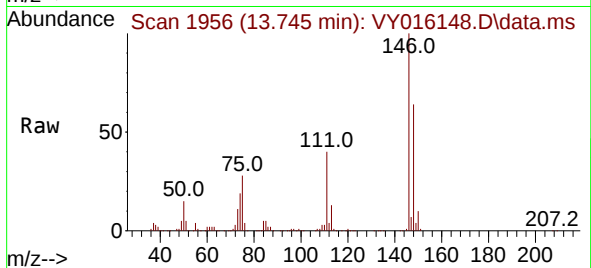
#91
1,2-Dichlorobenzene
Concen: 51.292 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. -0.006 min
Lab File: VY016148.D
Acq: 31 Oct 2023 15:03

Instrument :
MSVOA_Y
ClientSampleId :
ICVY103123

Tgt Ion:146 Resp: 17306
Ion Ratio Lower Upper
146 100
111 40.5 19.7 59.0
148 64.0 32.0 96.2

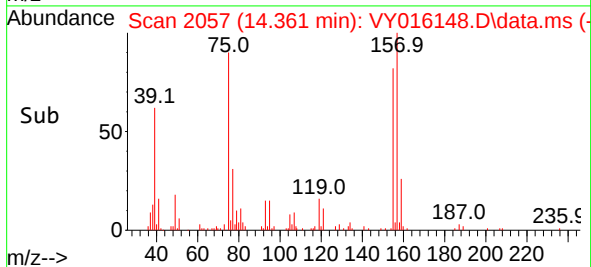
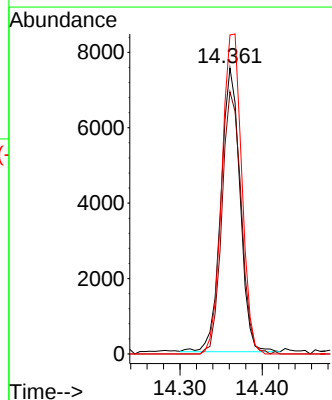
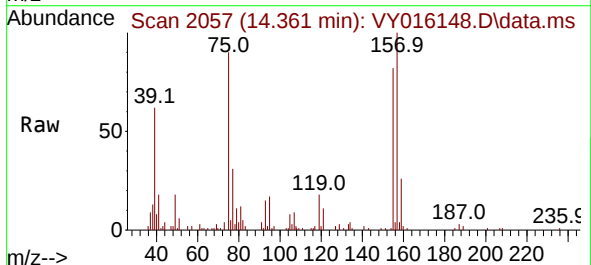
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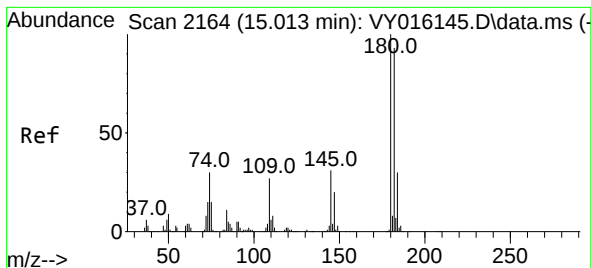
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.933 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. -0.006 min
Lab File: VY016148.D
Acq: 31 Oct 2023 15:03

Tgt Ion: 75 Resp: 12152
Ion Ratio Lower Upper
75 100
155 93.3 41.5 124.6
157 116.8 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 51.900 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. -0.000 min

Lab File: VY016148.D

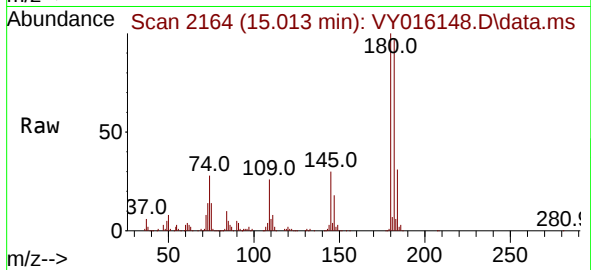
Acq: 31 Oct 2023 15:03

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY103123



Tgt Ion:180 Resp: 10808

Ion Ratio Lower Upper

180 100

182 94.5 47.0 141.2

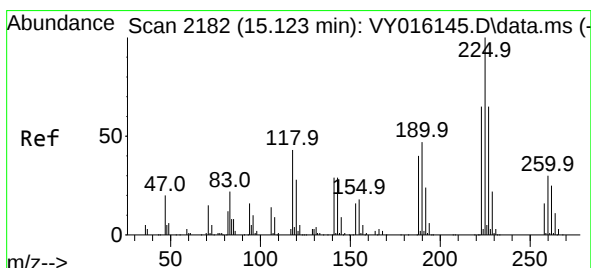
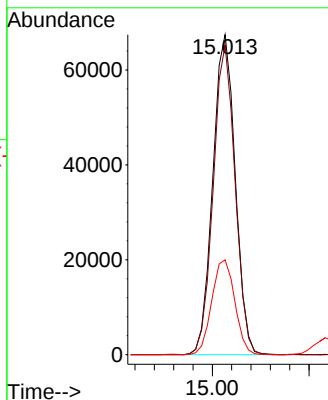
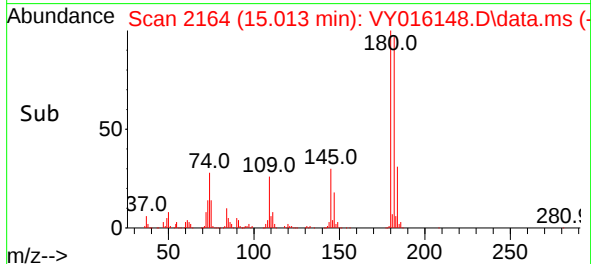
145 30.5 14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Mahesh Dadoda 11/01/2023



#94

Hexachlorobutadiene

Concen: 50.737 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. -0.006 min

Lab File: VY016148.D

Acq: 31 Oct 2023 15:03

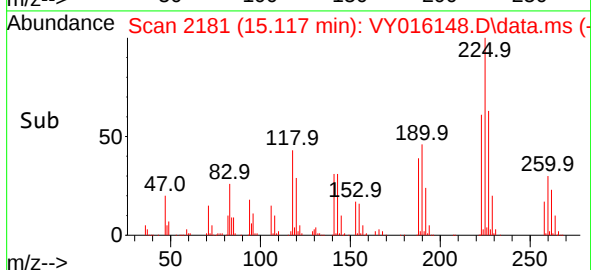
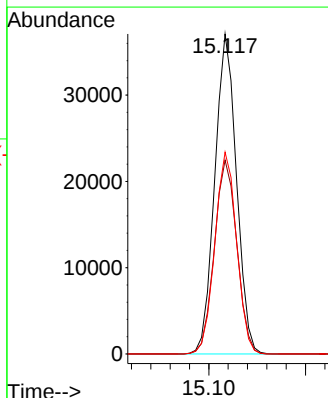
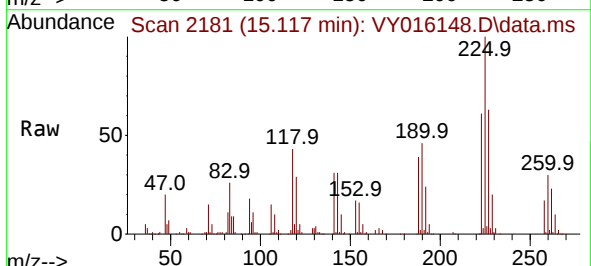
Tgt Ion:225 Resp: 57739

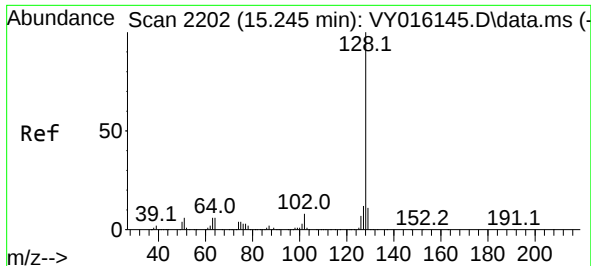
Ion Ratio Lower Upper

225 100

223 62.7 31.9 95.9

227 63.2 33.0 98.9





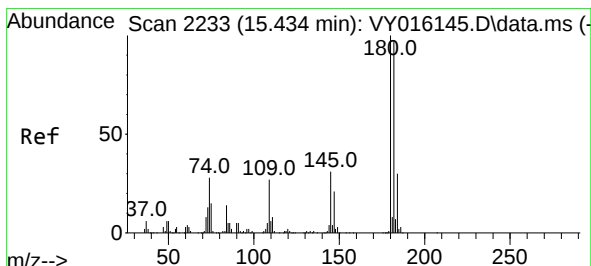
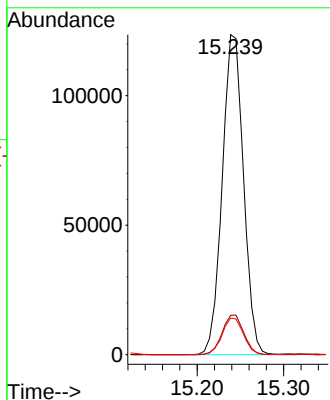
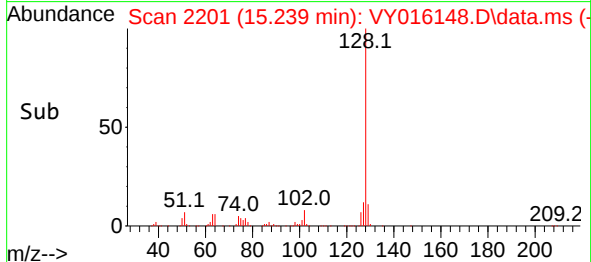
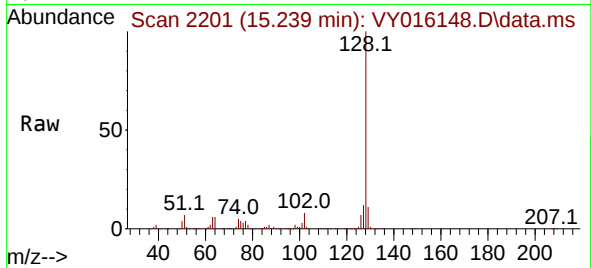
#95
Naphthalene
Concen: 52.120 ug/l
RT: 15.239 min Scan# 21086
Delta R.T. -0.006 min
Lab File: VY016148.D
Acq: 31 Oct 2023 15:03

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY103123

Tgt Ion:128 Resp: 21086
Ion Ratio Lower Upper
128 100
127 12.6 10.8 16.2
129 11.5 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#96
1,2,3-Trichlorobenzene
Concen: 51.896 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. -0.006 min
Lab File: VY016148.D
Acq: 31 Oct 2023 15:03

Tgt Ion:180 Resp: 92323
Ion Ratio Lower Upper
180 100
182 96.1 47.3 141.8
145 32.2 15.4 46.2

