

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092123\
 Data File : VY015669.D
 Acq On : 21 Sep 2023 11:38
 Operator : SY/MD
 Sample : VY0921SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0921SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/22/2023
 Supervised By : Mahesh Dadoda 09/22/2023

Quant Time: Sep 22 01:19:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	151747	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	254657	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	232692	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	117984	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	72244	43.269	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	86.540%		
35) Dibromofluoromethane	7.716	113	69139	45.361	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	90.720%		
50) Toluene-d8	10.179	98	222349	43.024	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	86.040%		
62) 4-Bromofluorobenzene	12.483	95	88802	43.785	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	87.580%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	19112	19.107	ug/l	99
3) Chloromethane	2.107	50	23710	18.789	ug/l	100
4) Vinyl Chloride	2.247	62	28570	19.802	ug/l	97
5) Bromomethane	2.643	94	21193	17.236	ug/l	98
6) Chloroethane	2.784	64	21357	19.971	ug/l	99
7) Trichlorofluoromethane	3.119	101	50012	20.669	ug/l	99
8) Diethyl Ether	3.527	74	20519	19.885	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.887	101	30814	20.339	ug/l	95
10) Methyl Iodide	4.088	142	26476	16.779	ug/l	99
11) Tert butyl alcohol	4.984	59	49390	122.022	ug/l #	89
12) 1,1-Dichloroethene	3.863	96	25422	19.042	ug/l	90
13) Acrolein	3.735	56	22999	89.944	ug/l	99
14) Allyl chloride	4.478	41	46426	19.020	ug/l	95
15) Acrylonitrile	5.167	53	78861	104.181	ug/l	98
16) Acetone	3.960	43	93035	104.122	ug/l	92
17) Carbon Disulfide	4.192	76	45841	17.675	ug/l	98
18) Methyl Acetate	4.484	43	63459	21.168	ug/l	95
19) Methyl tert-butyl Ether	5.228	73	108009	19.864	ug/l	96
20) Methylene Chloride	4.716	84	47773	21.672	ug/l	92
21) trans-1,2-Dichloroethene	5.222	96	29981	19.648	ug/l	94
22) Diisopropyl ether	6.118	45	118730	20.212	ug/l	97
23) Vinyl Acetate	6.063	43	359856	99.249	ug/l	97
24) 1,1-Dichloroethane	6.015	63	64139	20.032	ug/l	96
25) 2-Butanone	6.990	43	132615	105.004	ug/l	96
26) 2,2-Dichloropropane	6.978	77	54897	18.759	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	40262	19.875	ug/l	96
28) Bromochloromethane	7.338	49	16440	18.925	ug/l	99
29) Tetrahydrofuran	7.356	42	74606	104.514	ug/l	95
30) Chloroform	7.508	83	68321	19.925	ug/l	94
31) Cyclohexane	7.783	56	45706	19.761	ug/l	92
32) 1,1,1-Trichloroethane	7.703	97	57893	20.452	ug/l	97
36) 1,1-Dichloropropene	7.917	75	44210	19.617	ug/l	99
37) Ethyl Acetate	7.082	43	47376	21.075	ug/l	97
38) Carbon Tetrachloride	7.905	117	49309	20.157	ug/l	99
39) Methylcyclohexane	9.185	83	48370	19.405	ug/l	95
40) Benzene	8.161	78	138777	20.193	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	23130	19.110	ug/l	96
42) 1,2-Dichloroethane	8.240	62	47787	20.302	ug/l	95
43) Isopropyl Acetate	8.276	43	78721	20.501	ug/l	99
44) Trichloroethene	8.941	130	39370	20.510	ug/l	99
45) 1,2-Dichloropropane	9.215	63	38792	20.240	ug/l	99
46) Dibromomethane	9.307	93	25074	20.452	ug/l	93
47) Bromodichloromethane	9.496	83	55400	20.273	ug/l	97
48) Methyl methacrylate	9.295	41	34062	20.209	ug/l	91
49) 1,4-Dioxane	9.313	88	10948	452.018	ug/l #	57
51) 4-Methyl-2-Pentanone	10.069	43	255452	107.331	ug/l	95
52) Toluene	10.246	92	89760	20.258	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	57591	19.653	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	62731	19.887	ug/l	91
55) 1,1,2-Trichloroethane	10.648	97	37441	20.839	ug/l	96
56) Ethyl methacrylate	10.514	69	53160	20.078	ug/l	89
57) 1,3-Dichloropropane	10.794	76	61375	20.371	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	78107	92.871	ug/l	96
59) 2-Hexanone	10.837	43	196601	107.668	ug/l	92
60) Dibromochloromethane	10.983	129	42625	20.324	ug/l	98
61) 1,2-Dibromoethane	11.087	107	35498	20.196	ug/l	100
64) Tetrachloroethene	10.721	164	41443	20.759	ug/l	97
65) Chlorobenzene	11.520	112	102417	20.164	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	39751	20.148	ug/l	98
67) Ethyl Benzene	11.593	91	178560	20.113	ug/l	100
68) m/p-Xylenes	11.703	106	139003	41.194	ug/l	95
69) o-Xylene	12.032	106	66150	19.992	ug/l	99
70) Styrene	12.044	104	115019	20.308	ug/l	97
71) Bromoform	12.209	173	29327	20.512	ug/l #	98
73) Isopropylbenzene	12.331	105	180521	20.396	ug/l	100
74) N-amyl acetate	12.148	43	66976	20.134	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	51350	20.846	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	41890m	22.255	ug/l	
77) Bromobenzene	12.611	156	44266	20.375	ug/l	95
78) n-propylbenzene	12.672	91	219446	20.409	ug/l	100
79) 2-Chlorotoluene	12.757	91	123904	20.216	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	151417	20.435	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	17081	20.436	ug/l	94
82) 4-Chlorotoluene	12.855	91	128521	20.086	ug/l	100
83) tert-Butylbenzene	13.074	119	131759	20.303	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	151844	20.481	ug/l	98
85) sec-Butylbenzene	13.257	105	200714	20.667	ug/l	100
86) p-Isopropyltoluene	13.373	119	166026	20.465	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	87243	20.241	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	88493	20.529	ug/l	98
89) n-Butylbenzene	13.696	91	157241	20.469	ug/l	97
90) Hexachloroethane	13.964	117	31492	20.114	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	80443	20.218	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10314	21.082	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	50507	20.164	ug/l	98
94) Hexachlorobutadiene	15.111	225	26575	20.718	ug/l	96
95) Naphthalene	15.239	128	131431	20.123	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	46166	19.969	ug/l	97

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Quant Title : SW846 8260
QLast Update : Wed Sep 20 01:39:40 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

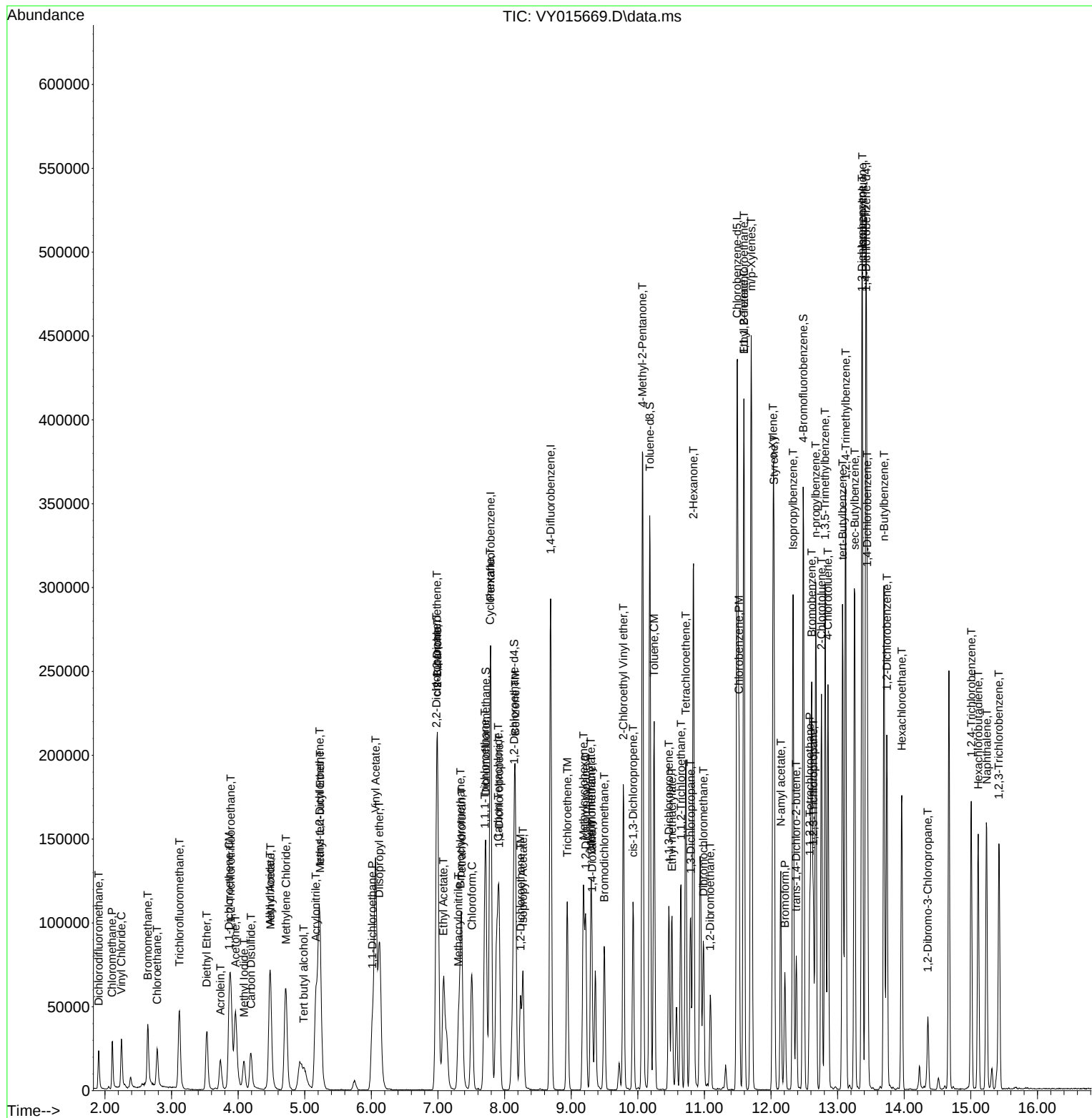
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092123\
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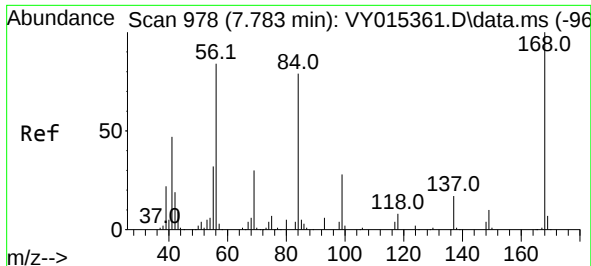
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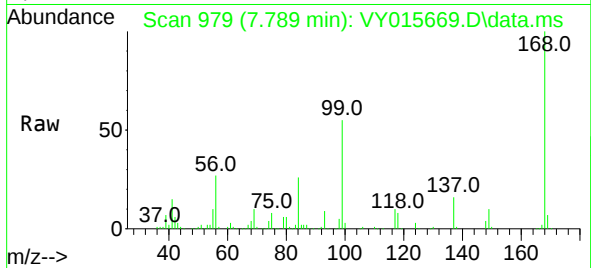
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

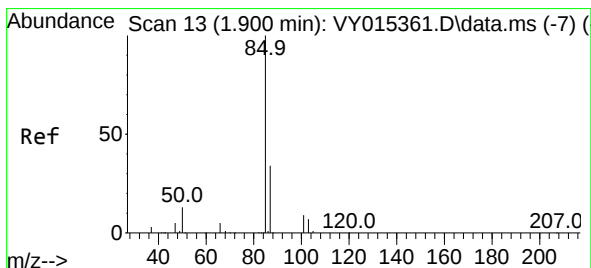
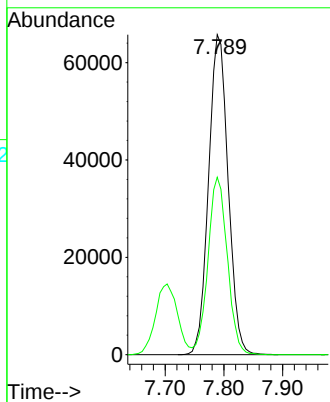
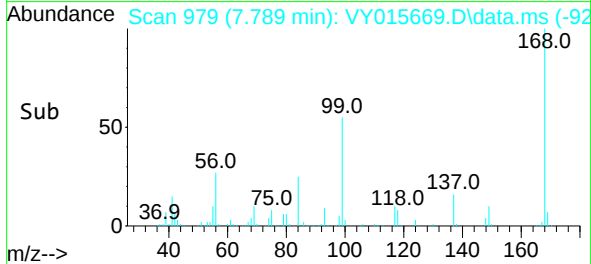
Instrument :
MSVOA_Y
ClientSampleId :
VY0921SBSD01



Tgt Ion:168 Resp: 15174
Ion Ratio Lower Upper
168 100
99 55.4 43.4 65.0

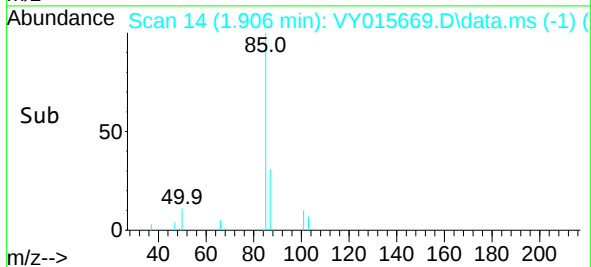
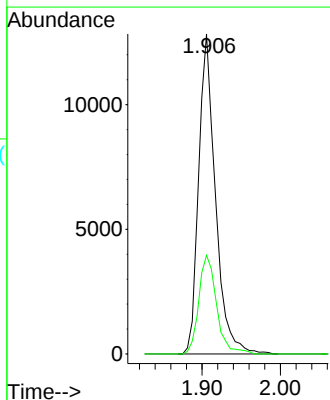
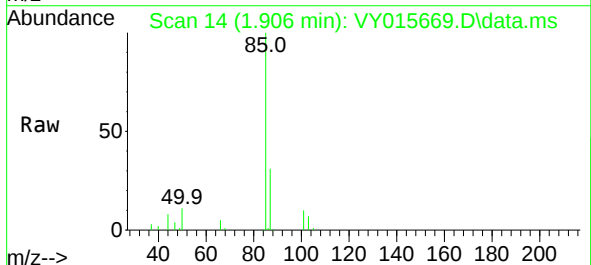
Manual Integrations
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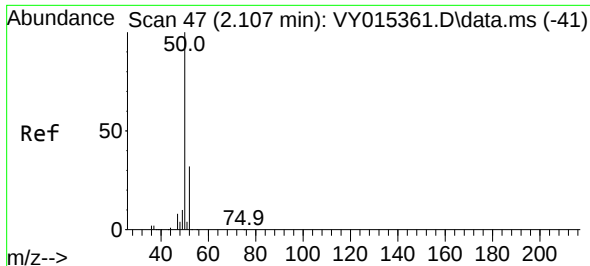
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#2
Dichlorodifluoromethane
Concen: 19.107 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

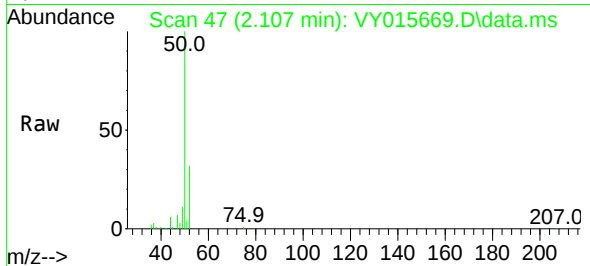
Tgt Ion: 85 Resp: 19112
Ion Ratio Lower Upper
85 100
87 30.8 15.6 46.8





#3
Chloromethane
Concen: 18.789 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

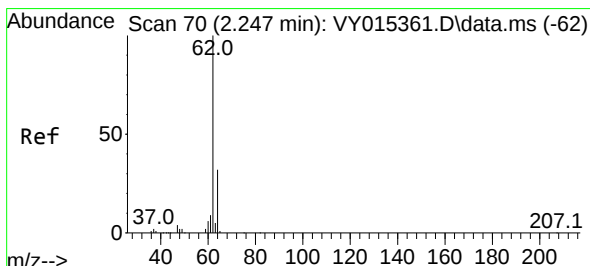
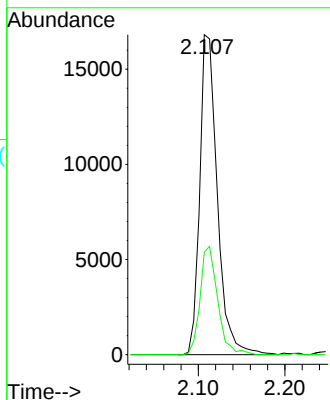
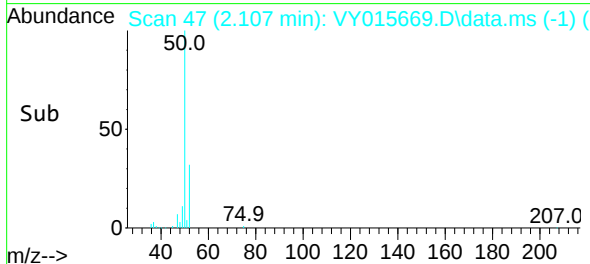
Instrument :
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ClientSampleId :
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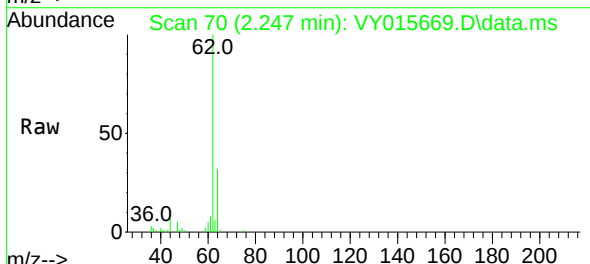
Tgt Ion: 50 Resp: 23710
Ion Ratio Lower Upper
50 100
52 32.0 25.4 38.2

Manual Integrations
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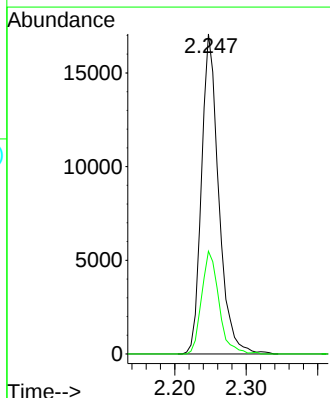
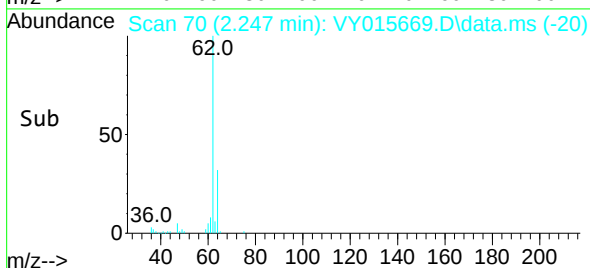
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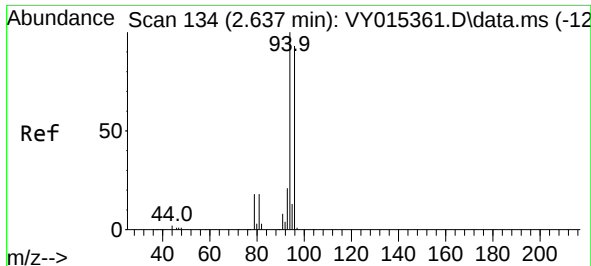


#4
Vinyl Chloride
Concen: 19.802 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.006 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38



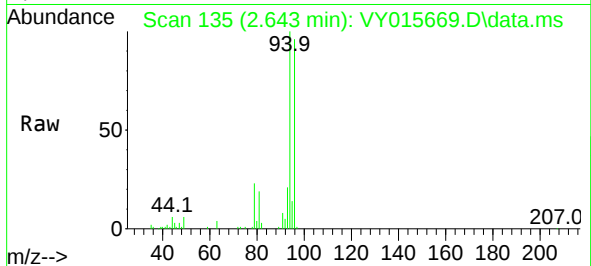
Tgt Ion: 62 Resp: 28570
Ion Ratio Lower Upper
62 100
64 32.1 24.3 36.5





#5
Bromomethane
Concen: 17.236 ug/l
RT: 2.643 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

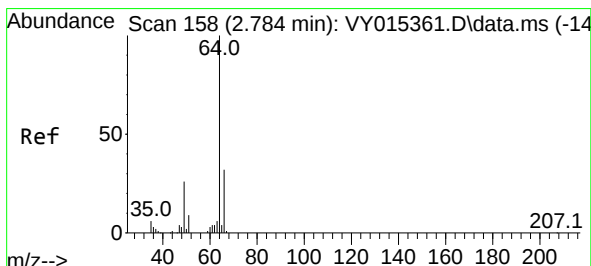
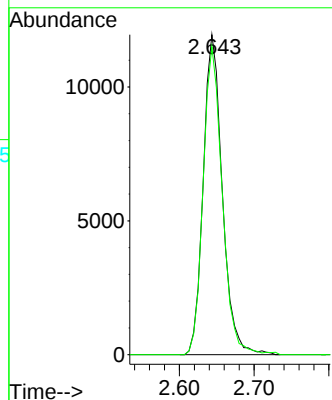
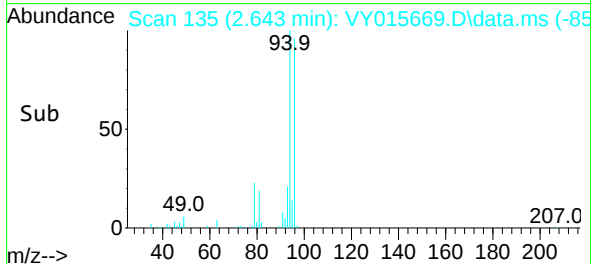
Instrument :
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ClientSampleId :
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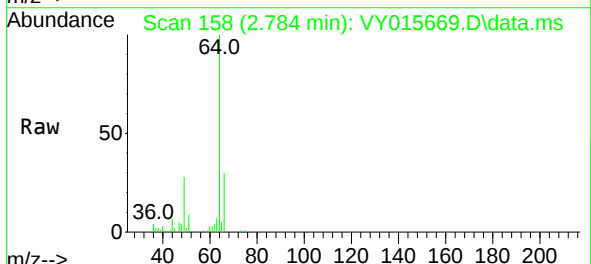
Tgt Ion: 94 Resp: 2119
Ion Ratio Lower Upper
94 100
96 96.2 75.8 113.6

Manual Integrations
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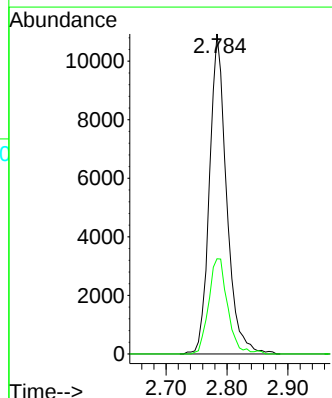
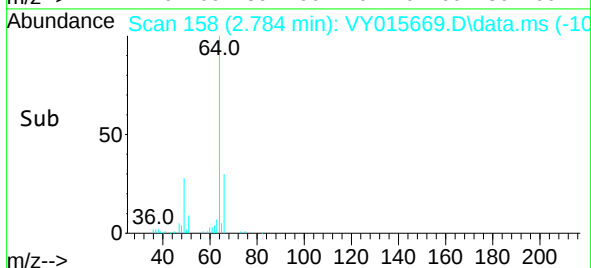
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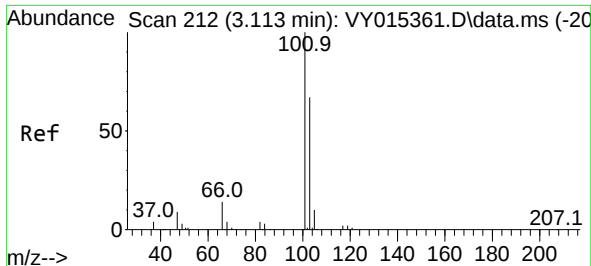


#6
Chloroethane
Concen: 19.971 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.000 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38



Tgt Ion: 64 Resp: 21357
Ion Ratio Lower Upper
64 100
66 29.8 24.4 36.6





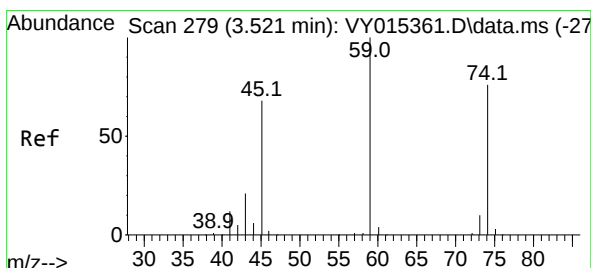
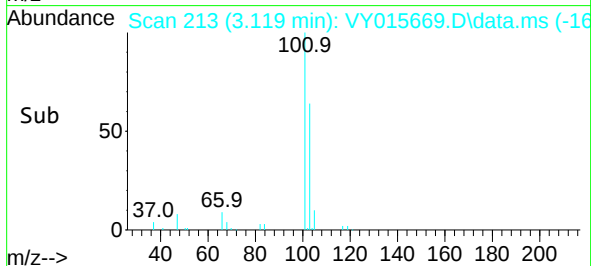
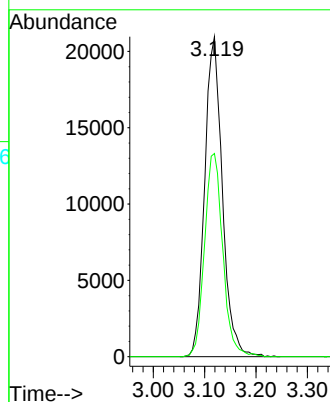
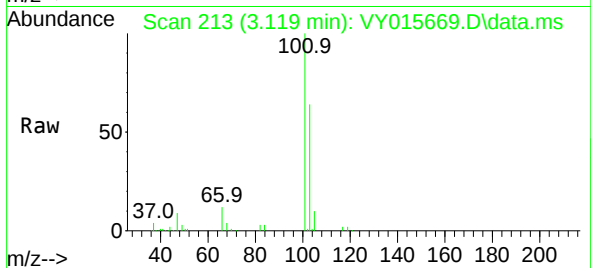
#7
Trichlorofluoromethane
Concen: 20.669 ug/l
RT: 3.119 min Scan# 212
Delta R.T. 0.006 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

Instrument :
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Tgt Ion:101 Resp: 5001
Ion Ratio Lower Upper
101 100
103 63.5 51.4 77.0

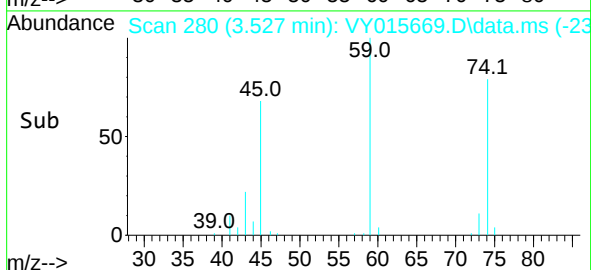
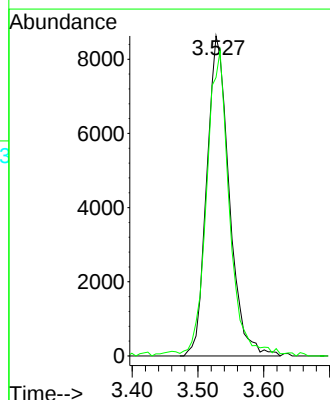
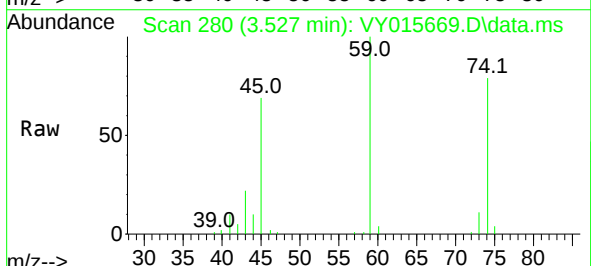
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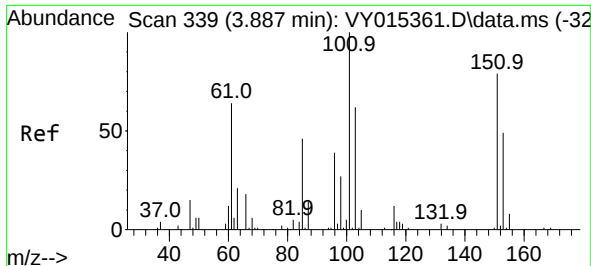
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#8
Diethyl Ether
Concen: 19.885 ug/l
RT: 3.527 min Scan# 280
Delta R.T. 0.006 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

Tgt Ion: 74 Resp: 20519
Ion Ratio Lower Upper
74 100
45 93.5 51.5 154.5





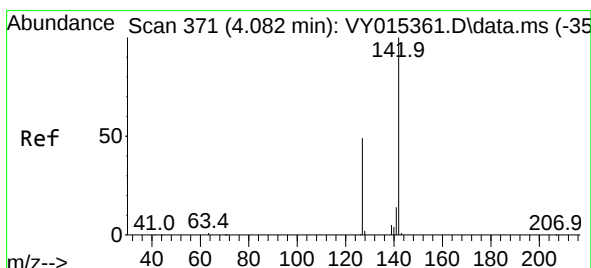
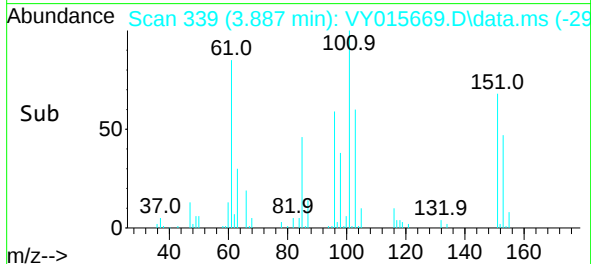
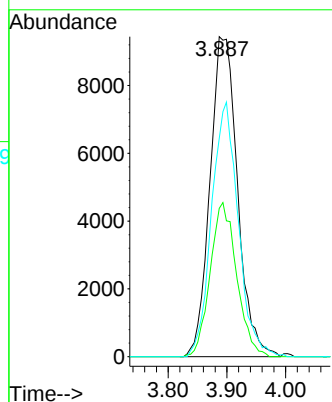
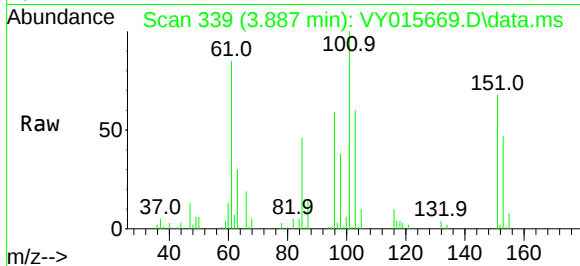
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.339 ug/l
RT: 3.887 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0921SBSD01

Tgt Ion:101 Resp: 30814
Ion Ratio Lower Upper
101 100
85 46.2 36.6 55.0
151 77.1 67.0 100.6

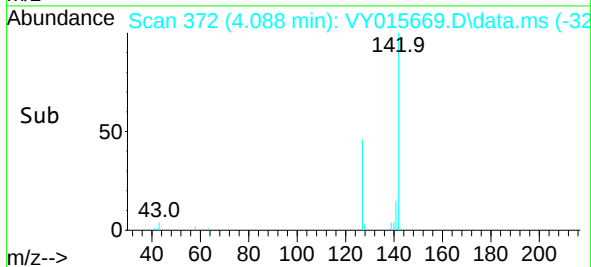
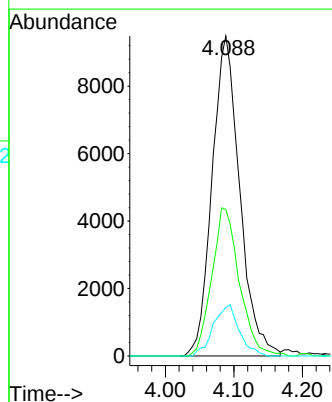
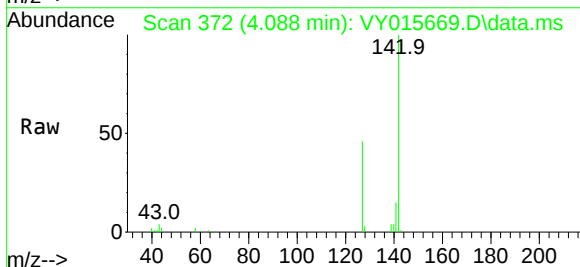
Manual Integrations
APPROVED

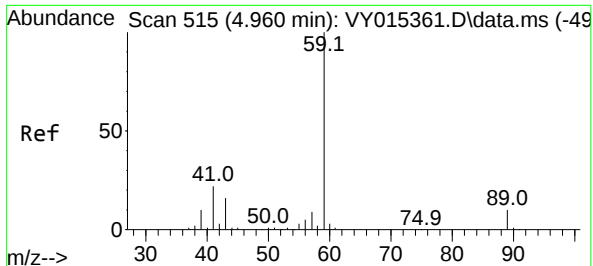
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#10
Methyl Iodide
Concen: 16.779 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

Tgt Ion:142 Resp: 26476
Ion Ratio Lower Upper
142 100
127 46.2 37.6 56.4
141 15.0 11.8 17.8





#11

Tert butyl alcohol

Concen: 122.022 ug/l

RT: 4.984 min Scan# 515

Delta R.T. 0.030 min

Lab File: VY015669.D

Acq: 21 Sep 2023 11:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0921SBSD01

Tgt Ion: 59 Resp: 49390

Ion Ratio Lower Upper

59 100

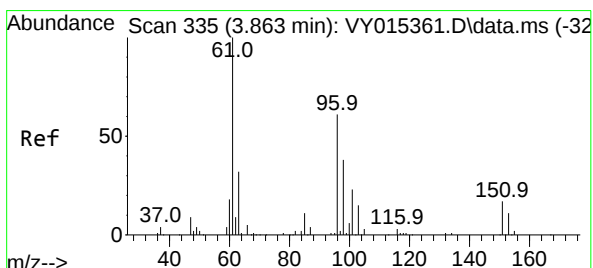
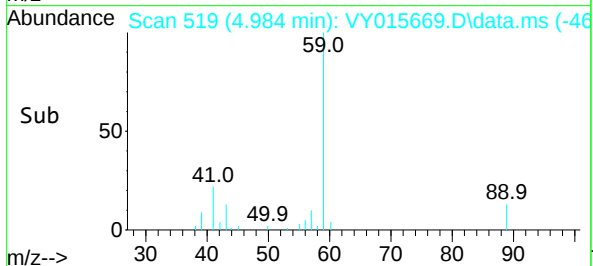
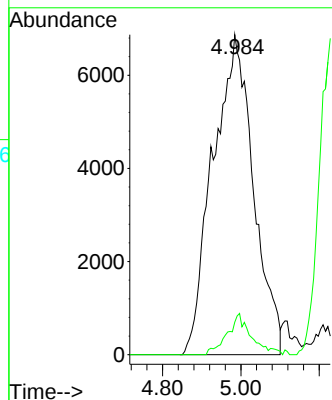
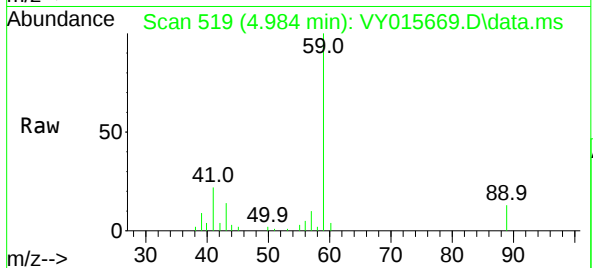
57 7.4 3.0 4.4

Manual Integrations

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Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#12

1,1-Dichloroethene

Concen: 19.042 ug/l

RT: 3.863 min Scan# 335

Delta R.T. -0.000 min

Lab File: VY015669.D

Acq: 21 Sep 2023 11:38

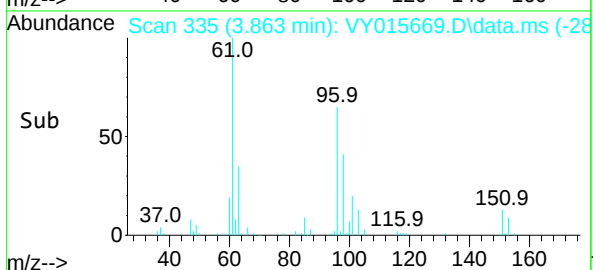
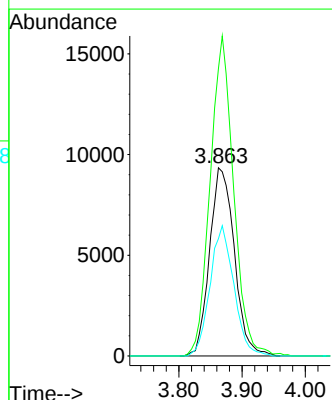
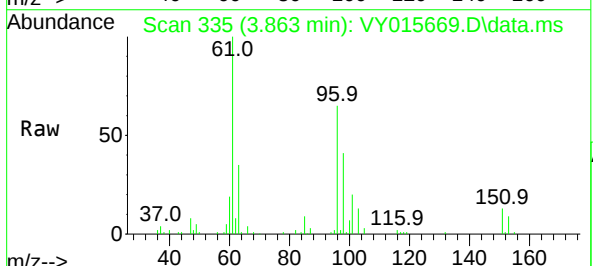
Tgt Ion: 96 Resp: 25422

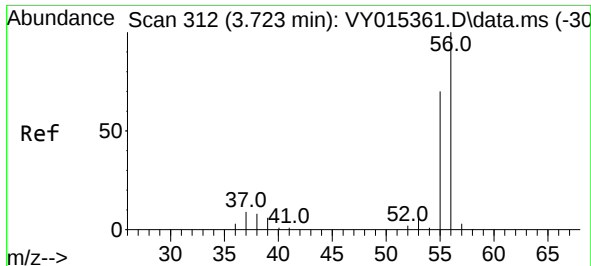
Ion Ratio Lower Upper

96 100

61 152.7 136.4 204.6

98 62.3 49.4 74.2





#13

Acrolein

Concen: 89.944 ug/l

RT: 3.735 min Scan# 312

Delta R.T. 0.012 min

Lab File: VY015669.D

Acq: 21 Sep 2023 11:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0921SBSD01

Tgt Ion: 56 Resp: 2299

Ion Ratio Lower Upper

56 100

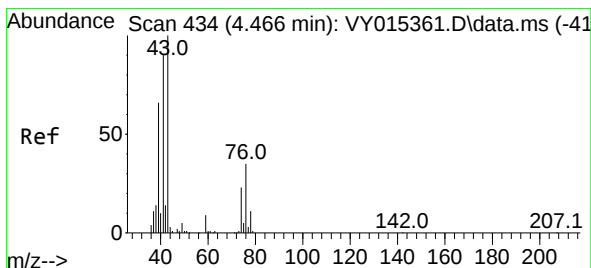
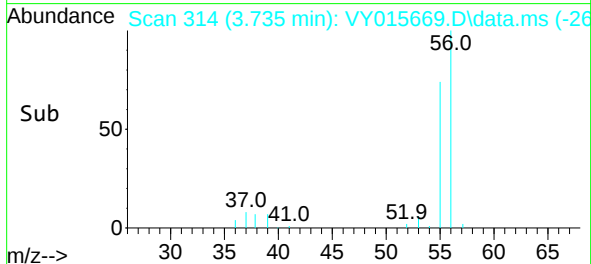
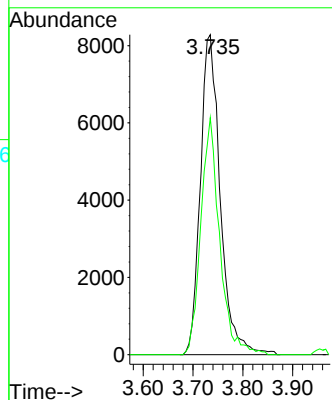
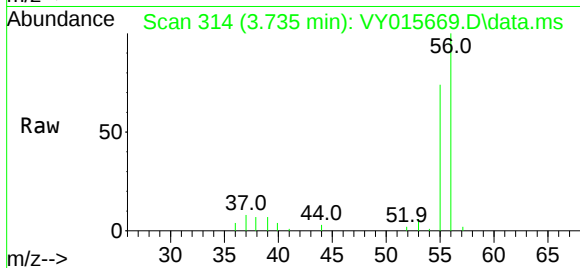
55 70.0 57.0 85.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#14

Allyl chloride

Concen: 19.020 ug/l

RT: 4.478 min Scan# 436

Delta R.T. 0.006 min

Lab File: VY015669.D

Acq: 21 Sep 2023 11:38

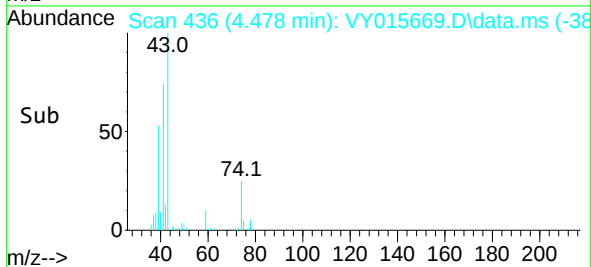
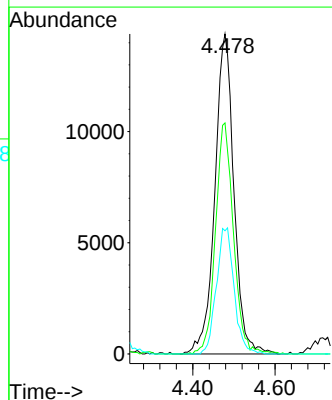
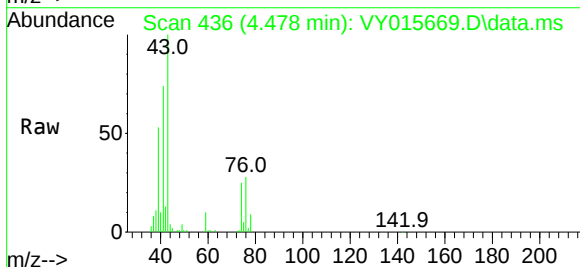
Tgt Ion: 41 Resp: 46426

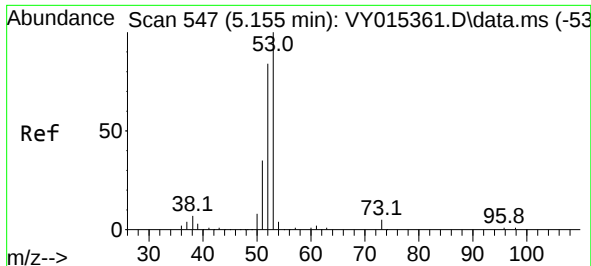
Ion Ratio Lower Upper

41 100

39 68.2 58.0 87.0

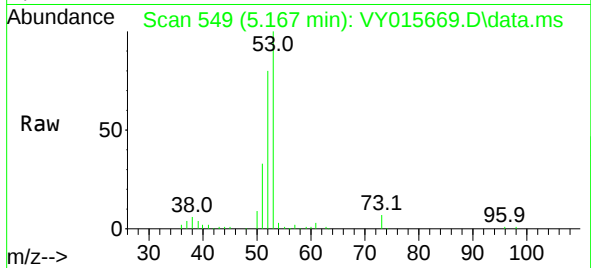
76 36.6 27.4 41.2





#15
Acrylonitrile
Concen: 104.181 ug/l
RT: 5.167 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

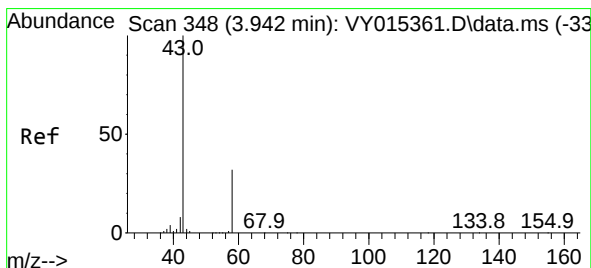
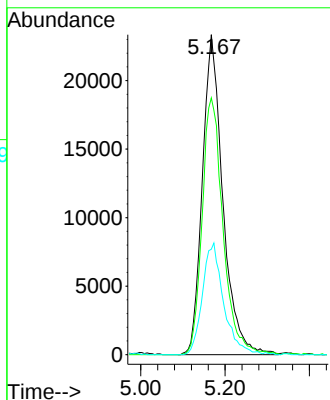
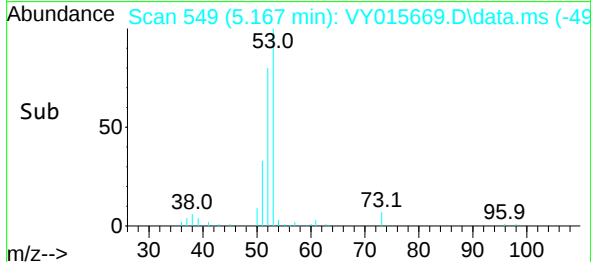
Instrument :
MSVOA_Y
ClientSampleId :
VY0921SBSD01



Tgt Ion: 53 Resp: 7886
Ion Ratio Lower Upper
53 100
52 82.0 66.9 100.3
51 36.1 29.8 44.6

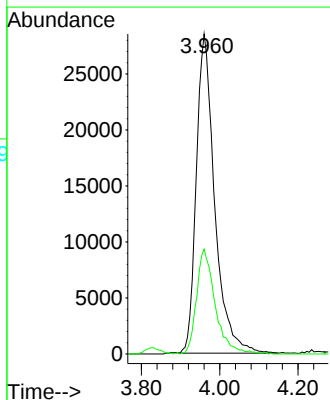
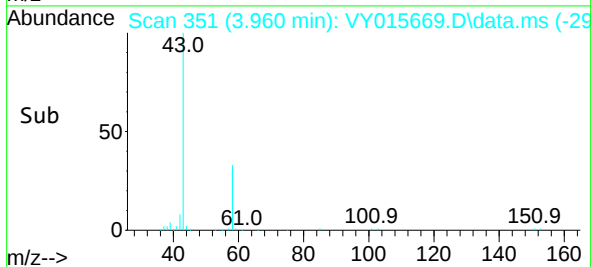
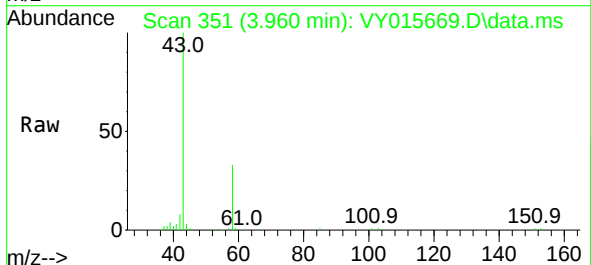
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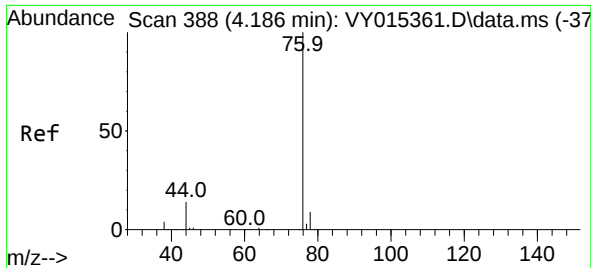
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#16
Acetone
Concen: 104.122 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.018 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

Tgt Ion: 43 Resp: 93035
Ion Ratio Lower Upper
43 100
58 32.8 22.7 34.1





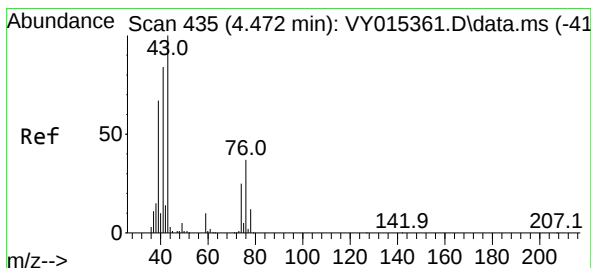
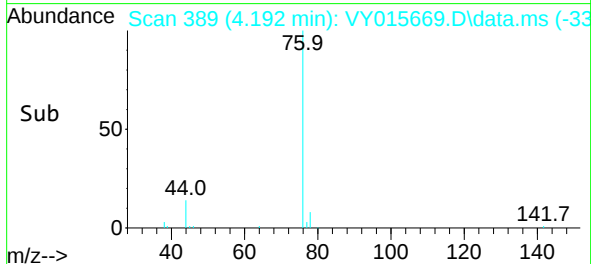
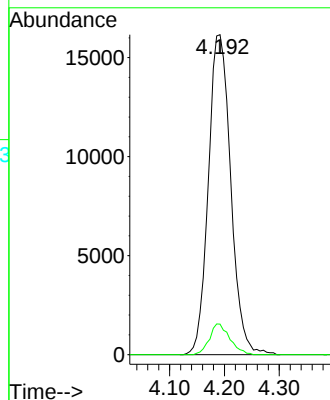
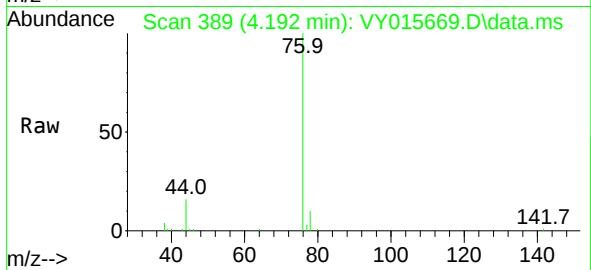
#17
Carbon Disulfide
Concen: 17.675 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0921SBS01

Tgt Ion: 76 Resp: 4584
Ion Ratio Lower Upper
76 100
78 9.6 7.0 10.4

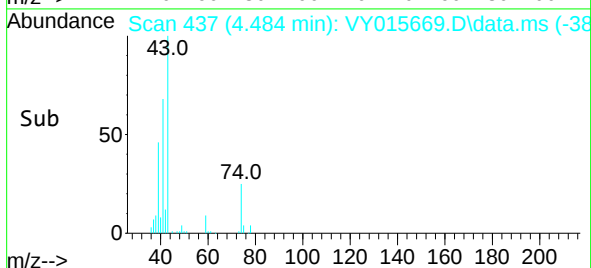
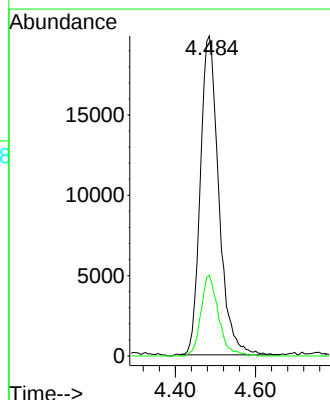
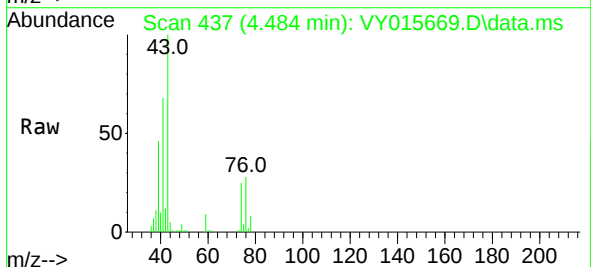
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#18
Methyl Acetate
Concen: 21.168 ug/l
RT: 4.484 min Scan# 437
Delta R.T. 0.012 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

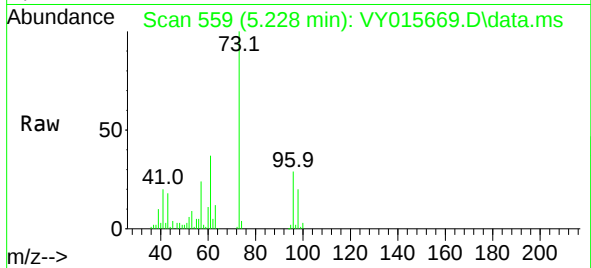
Tgt Ion: 43 Resp: 63459
Ion Ratio Lower Upper
43 100
74 24.0 17.4 26.0





#19
Methyl tert-butyl Ether
Concen: 19.864 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

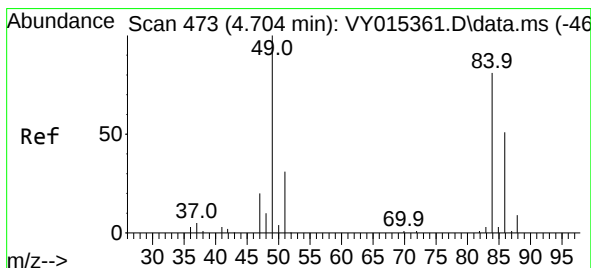
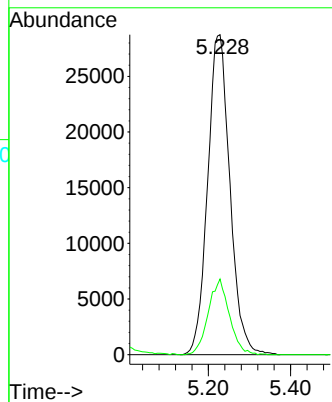
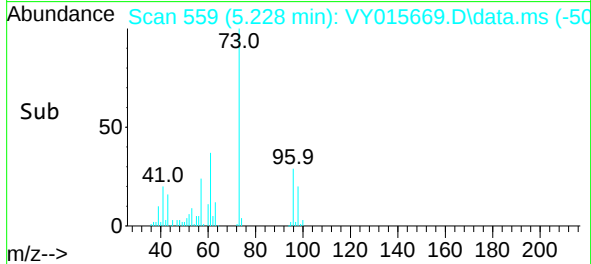
Instrument :
MSVOA_Y
ClientSampleId :
VY0921SBSD01



Tgt Ion: 73 Resp: 108009
Ion Ratio Lower Upper
73 100
57 23.6 17.3 25.9

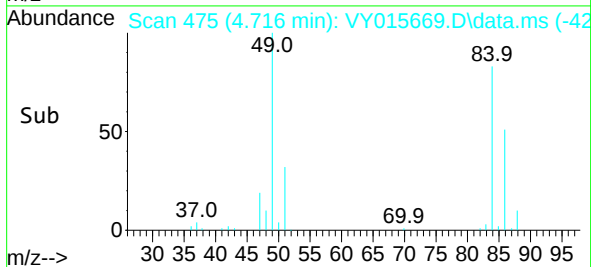
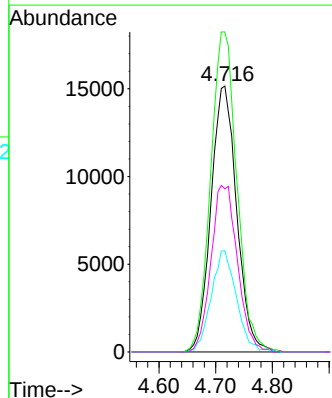
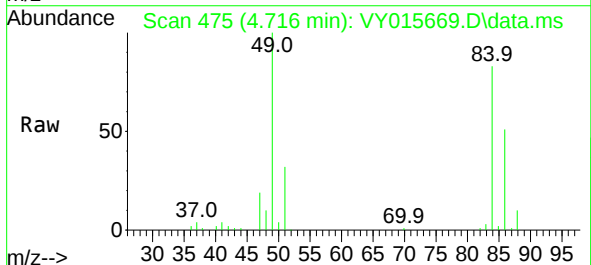
Manual Integrations
APPROVED

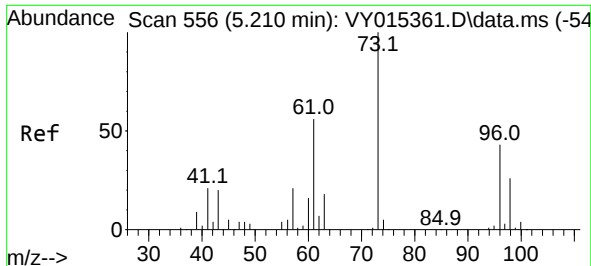
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#20
Methylene Chloride
Concen: 21.672 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.012 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

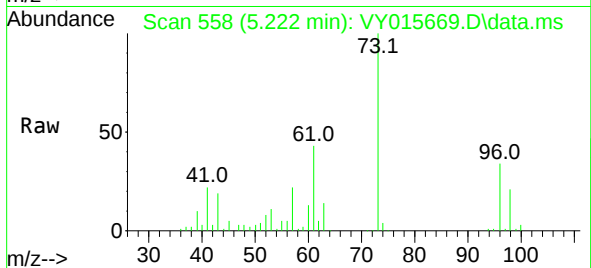
Tgt Ion: 84 Resp: 47773
Ion Ratio Lower Upper
84 100
49 120.3 106.9 160.3
51 38.1 33.2 49.8
86 61.3 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 19.648 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

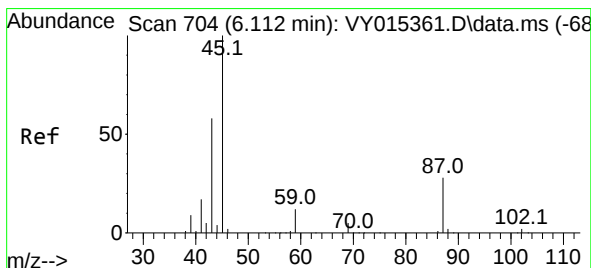
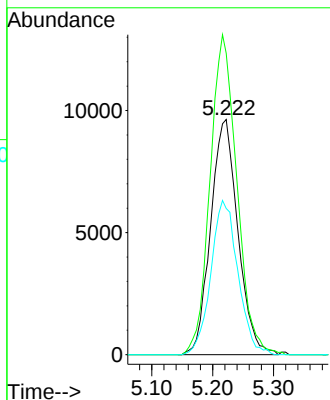
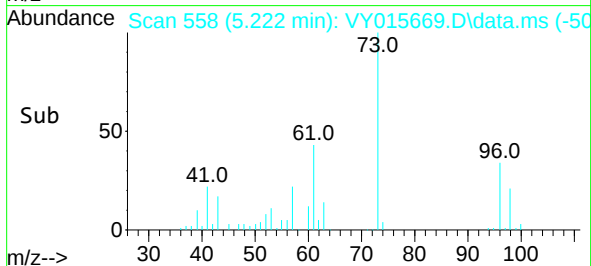
Instrument :
MSVOA_Y
ClientSampleId :
VY0921SBS01



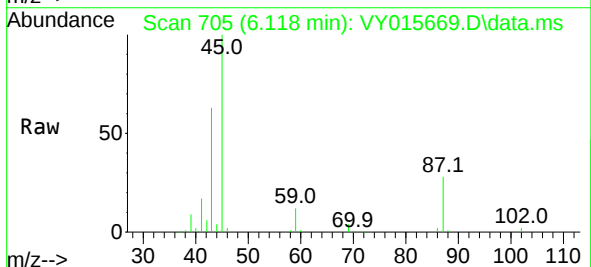
Tgt Ion: 96 Resp: 2998
Ion Ratio Lower Upper
96 100
61 128.2 110.2 165.4
98 62.2 51.8 77.6

Manual Integrations
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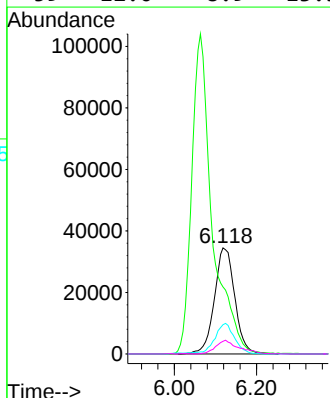
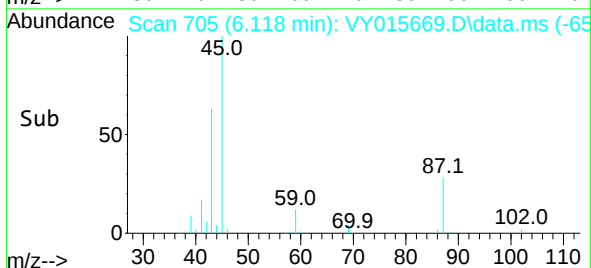
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023

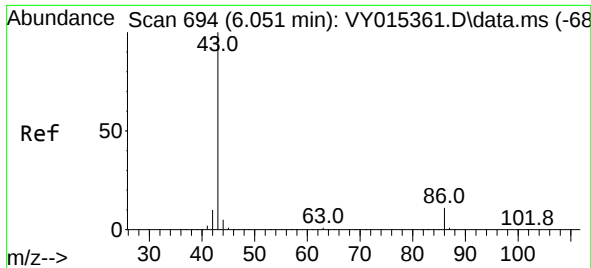


#22
Diisopropyl ether
Concen: 20.212 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38



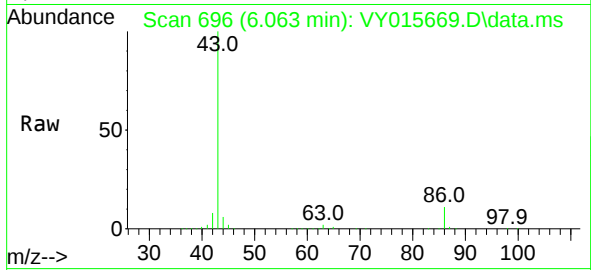
Tgt Ion: 45 Resp: 118730
Ion Ratio Lower Upper
45 100
43 62.3 52.2 78.4
87 27.6 21.0 31.6
59 12.0 8.9 13.3





#23
 Vinyl Acetate
 Concen: 99.249 ug/l
 RT: 6.063 min Scan# 694
 Delta R.T. 0.012 min
 Lab File: VY015669.D
 Acq: 21 Sep 2023 11:38

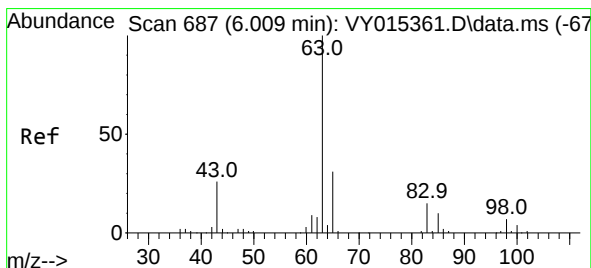
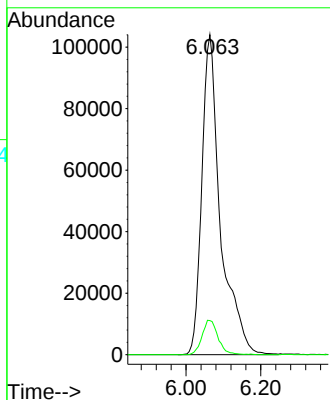
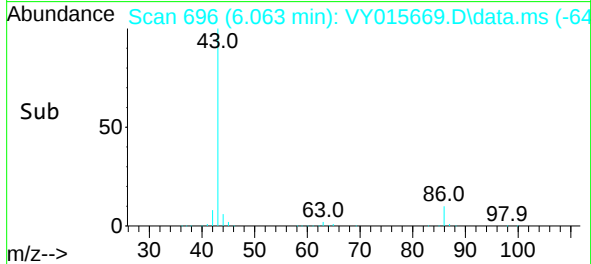
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0921SBSD01



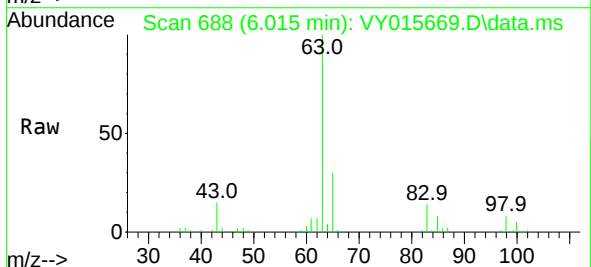
Tgt Ion: 43 Resp: 35985
 Ion Ratio Lower Upper
 43 100
 86 10.7 7.5 11.3

Manual Integrations
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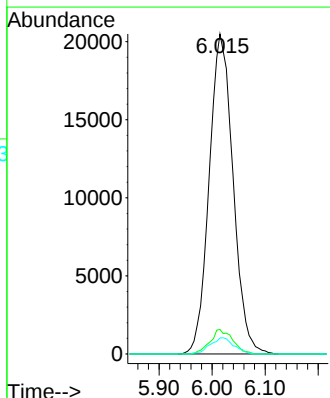
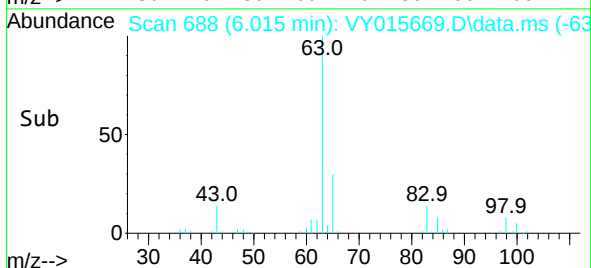
Reviewed By :John Carlone 09/22/2023
 Supervised By :Mahesh Dadoda 09/22/2023

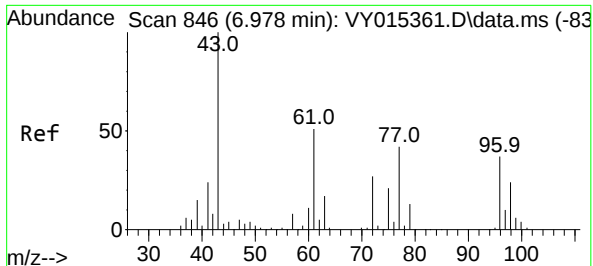


#24
 1,1-Dichloroethane
 Concen: 20.032 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.012 min
 Lab File: VY015669.D
 Acq: 21 Sep 2023 11:38



Tgt Ion: 63 Resp: 64139
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.1 9.4
 100 5.0 1.8 5.5





#25

2-Butanone

Concen: 105.004 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.012 min

Lab File: VY015669.D

Acq: 21 Sep 2023 11:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0921SBS01

Tgt Ion: 43 Resp: 13261

Ion Ratio Lower Upper

43 100

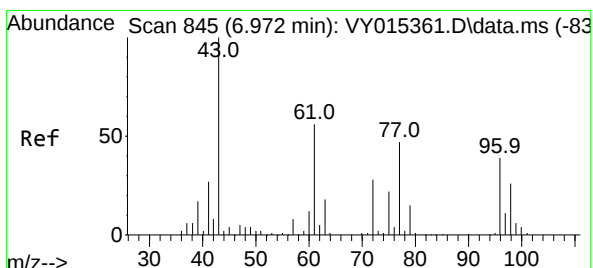
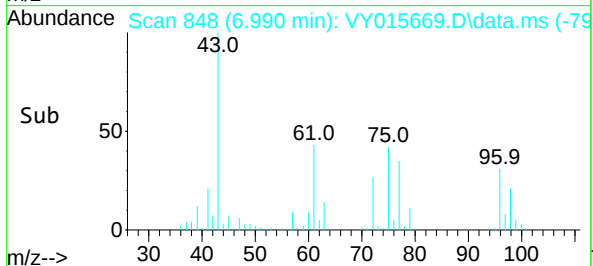
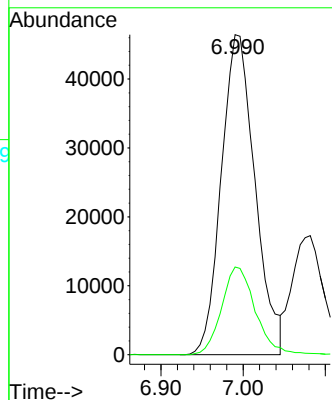
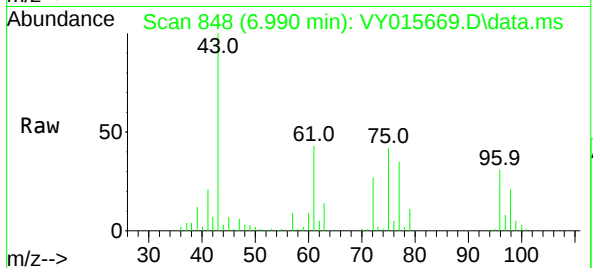
72 27.4 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#26

2,2-Dichloropropane

Concen: 18.759 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY015669.D

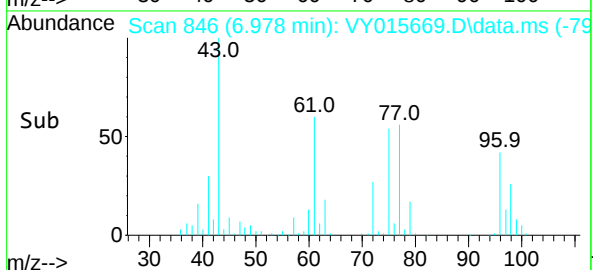
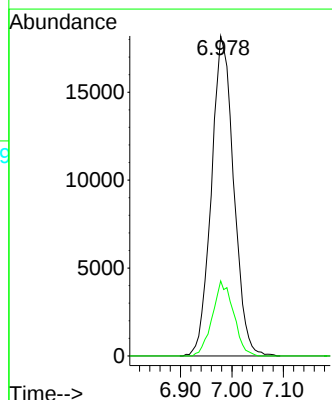
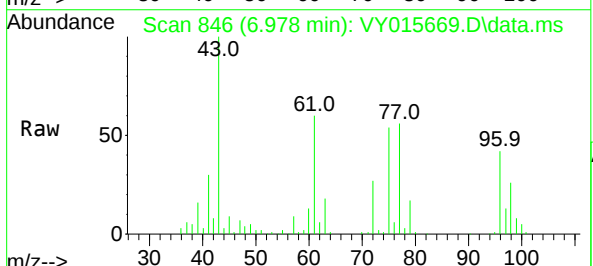
Acq: 21 Sep 2023 11:38

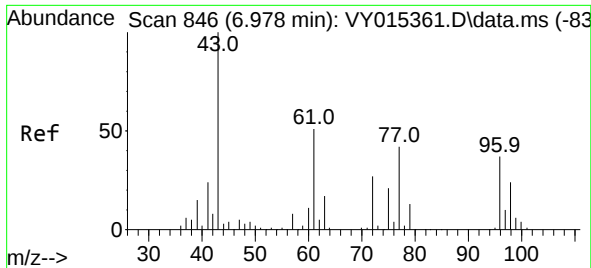
Tgt Ion: 77 Resp: 54897

Ion Ratio Lower Upper

77 100

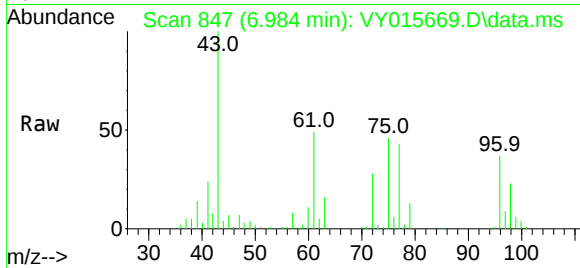
97 22.2 10.9 32.9





#27
 cis-1,2-Dichloroethene
 Concen: 19.875 ug/l
 RT: 6.984 min Scan# 846
 Delta R.T. 0.006 min
 Lab File: VY015669.D
 Acq: 21 Sep 2023 11:38

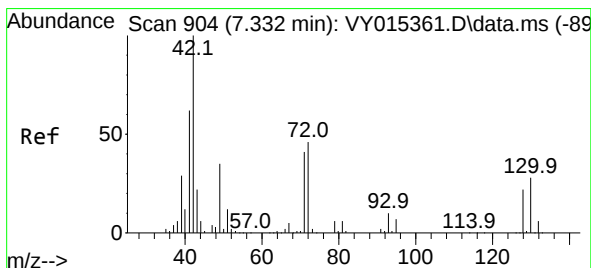
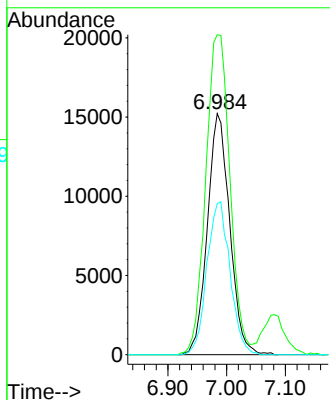
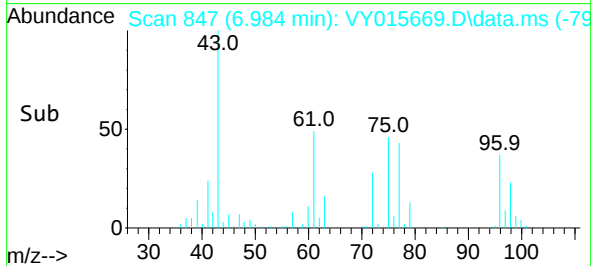
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0921SBSD01



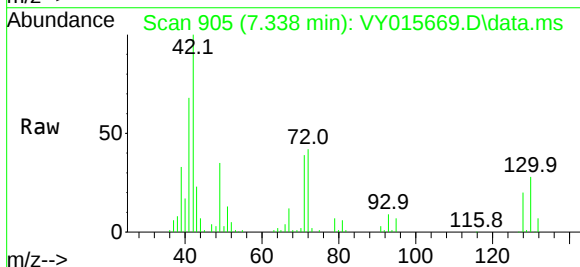
Tgt Ion: 96 Resp: 40262
 Ion Ratio Lower Upper
 96 100
 61 143.1 0.0 301.4
 98 65.4 0.0 130.4

Manual Integrations
 APPROVED

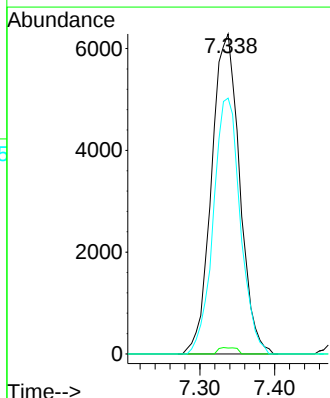
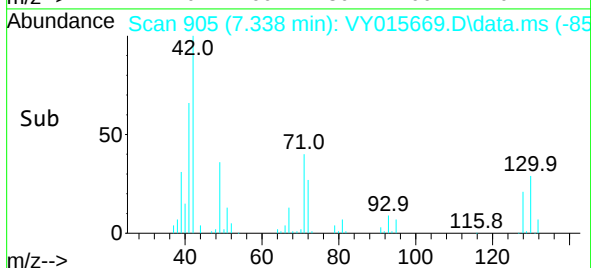
Reviewed By :John Carlone 09/22/2023
 Supervised By :Mahesh Dadoda 09/22/2023

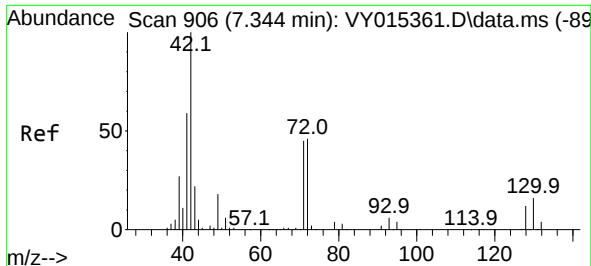


#28
 Bromochloromethane
 Concen: 18.925 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. 0.012 min
 Lab File: VY015669.D
 Acq: 21 Sep 2023 11:38



Tgt Ion: 49 Resp: 16440
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 4.6
 130 76.9 60.7 91.1





#29

Tetrahydrofuran

Concen: 104.514 ug/l

RT: 7.356 min Scan# 906

Delta R.T. 0.012 min

Lab File: VY015669.D

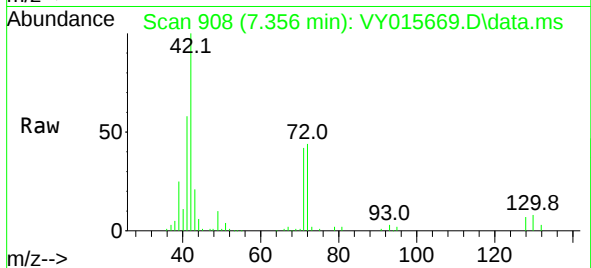
Acq: 21 Sep 2023 11:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0921SBS01



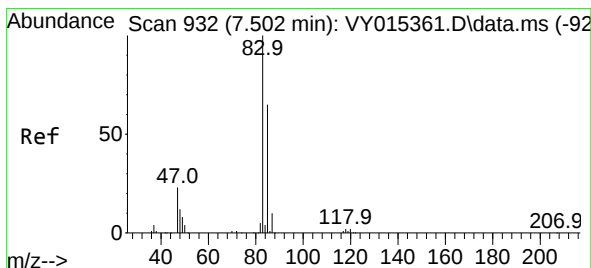
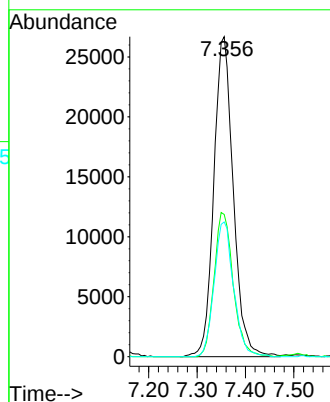
Tgt Ion:	42	Resp:	74600
Ion Ratio	100	Lower	Upper
42	100		
72	44.2	32.8	49.2
71	42.1	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#30

Chloroform

Concen: 19.925 ug/l

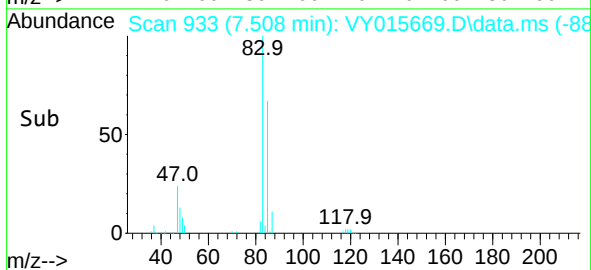
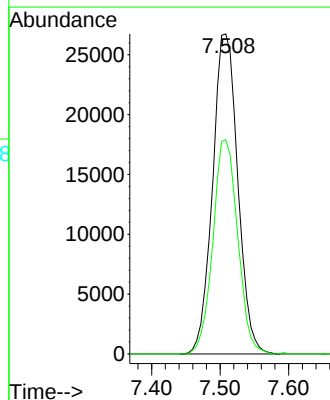
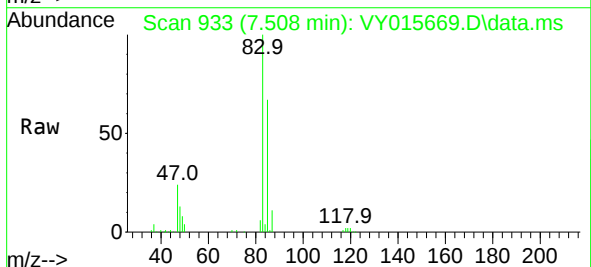
RT: 7.508 min Scan# 933

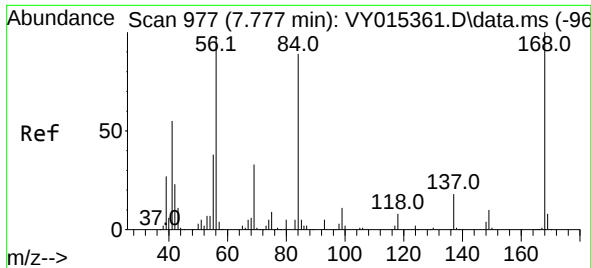
Delta R.T. 0.012 min

Lab File: VY015669.D

Acq: 21 Sep 2023 11:38

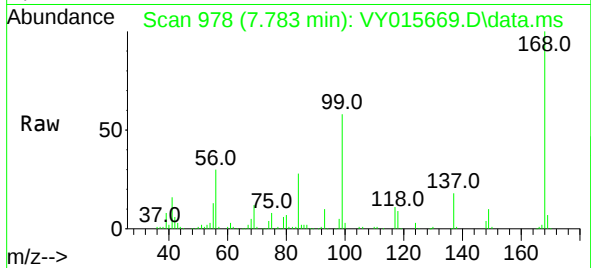
Tgt Ion:	83	Resp:	68321
Ion Ratio	100	Lower	Upper
83	100		
85	67.0	49.7	74.5





#31
Cyclohexane
Concen: 19.761 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

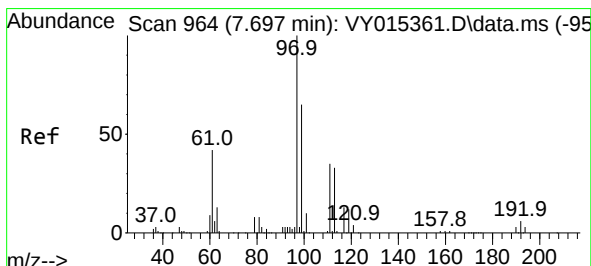
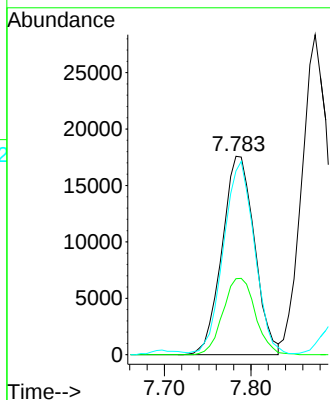
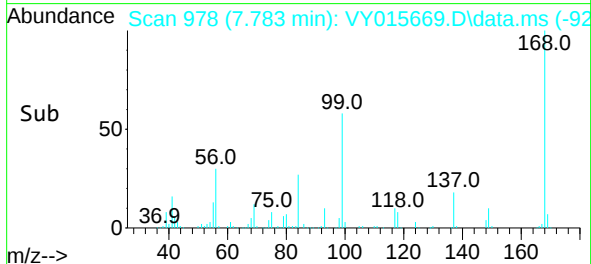
Instrument :
MSVOA_Y
ClientSampleId :
VY0921SBS01



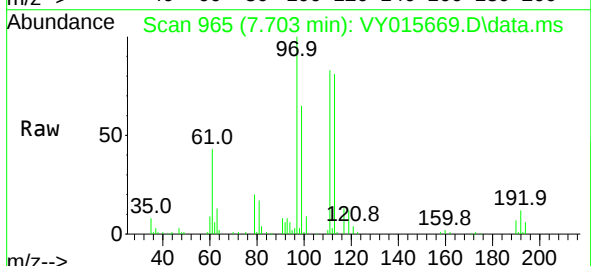
Tgt Ion: 56 Resp: 45700
Ion Ratio Lower Upper
56 100
69 38.3 27.8 41.6
84 90.9 66.4 99.6

Manual Integrations
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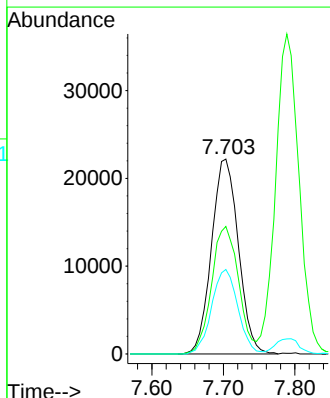
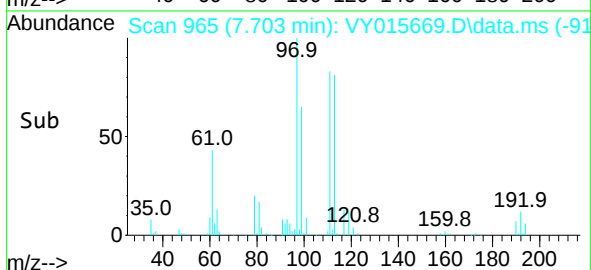
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023

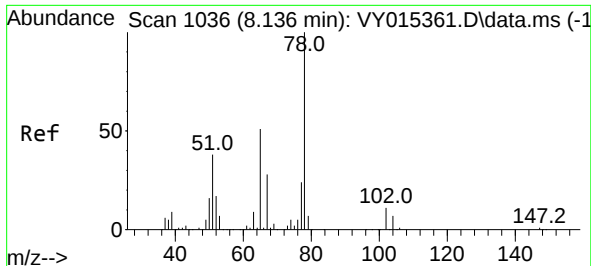


#32
1,1,1-Trichloroethane
Concen: 20.452 ug/l
RT: 7.703 min Scan# 965
Delta R.T. 0.012 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38



Tgt Ion: 97 Resp: 57893
Ion Ratio Lower Upper
97 100
99 66.1 50.8 76.2
61 42.5 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 43.269 ug/l

RT: 8.142 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VY015669.D

Acq: 21 Sep 2023 11:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0921SBSD01

Tgt Ion: 65 Resp: 7224

Ion Ratio Lower Upper

65 100

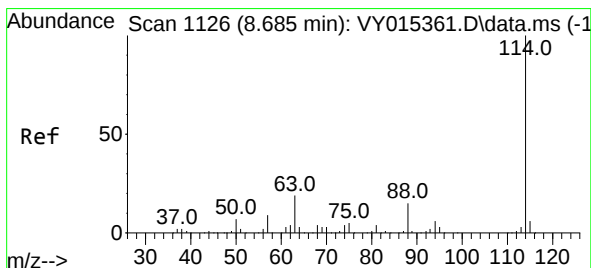
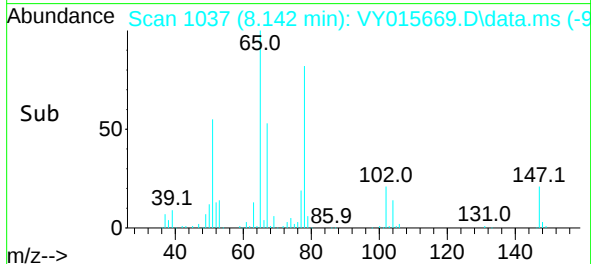
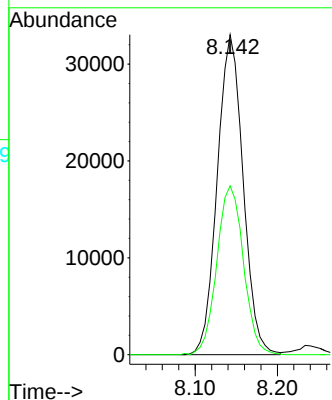
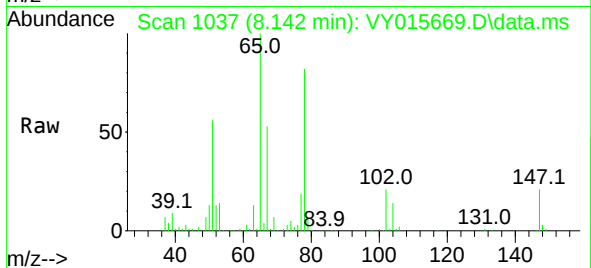
67 54.4 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015669.D

Acq: 21 Sep 2023 11:38

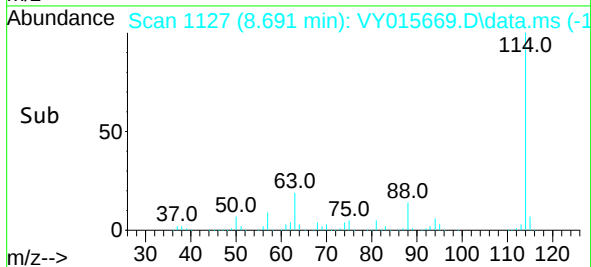
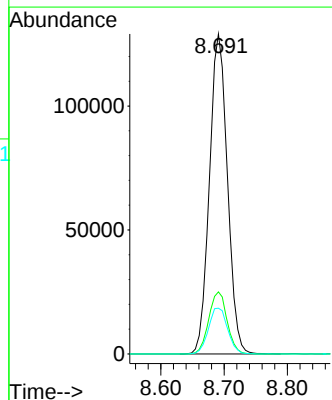
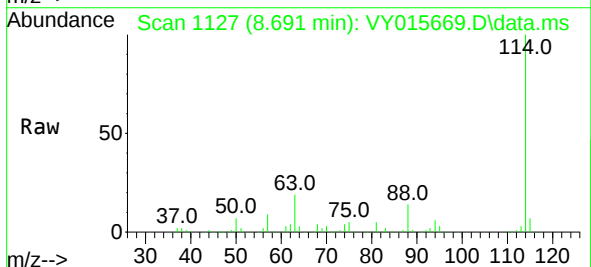
Tgt Ion:114 Resp: 254657

Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.4

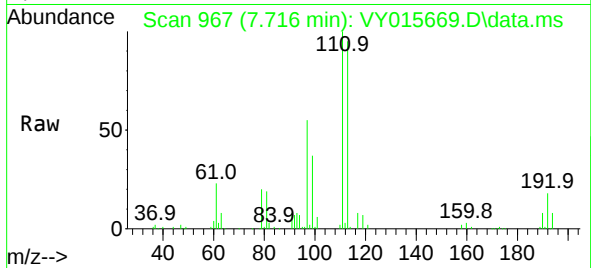
88 14.3 0.0 30.6





#35
Dibromofluoromethane
Concen: 45.361 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

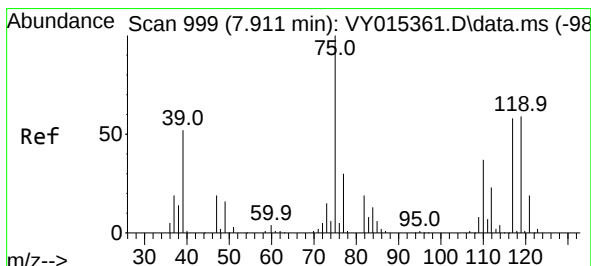
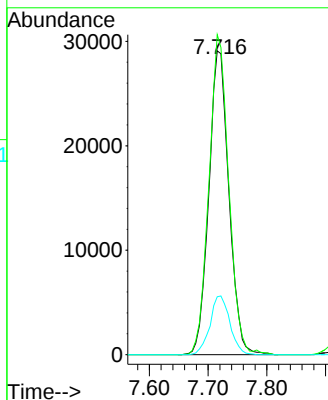
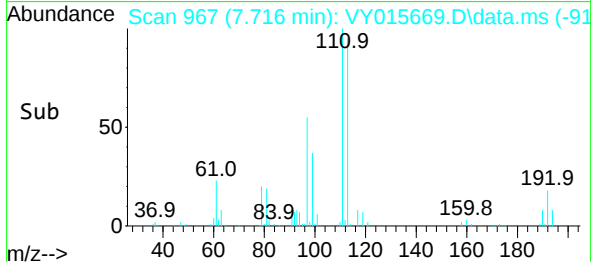
Instrument :
MSVOA_Y
ClientSampleId :
VY0921SBS01



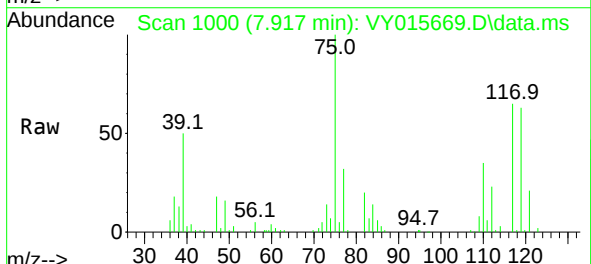
Tgt Ion:113 Resp: 69139
Ion Ratio Lower Upper
113 100
111 103.9 81.3 121.9
192 19.2 16.9 25.3

Manual Integrations
APPROVED

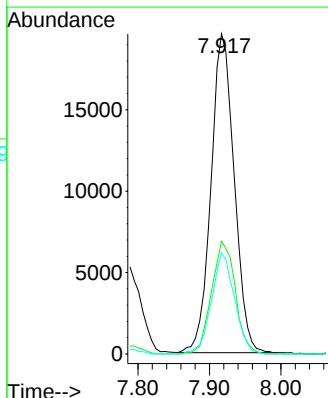
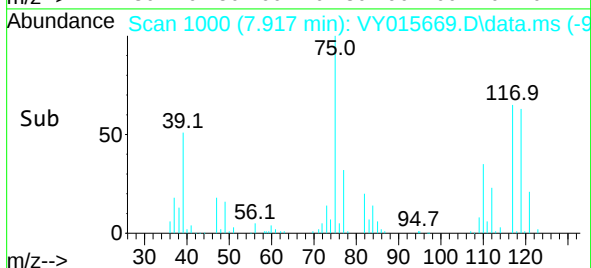
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023

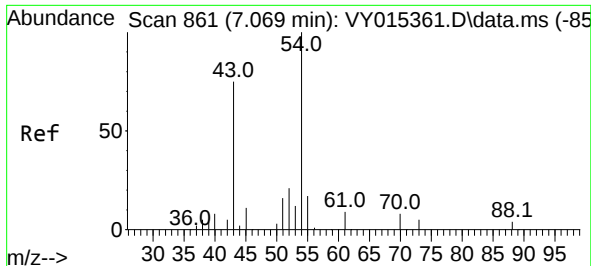


#36
1,1-Dichloropropene
Concen: 19.617 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38



Tgt Ion: 75 Resp: 44210
Ion Ratio Lower Upper
75 100
110 36.1 17.8 53.5
77 31.5 24.4 36.6





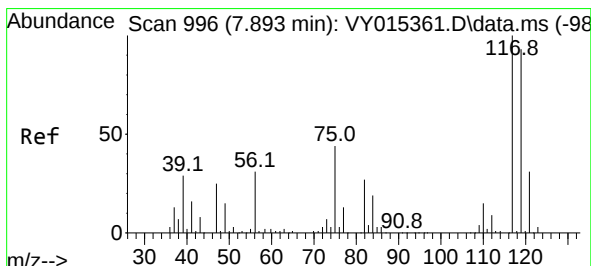
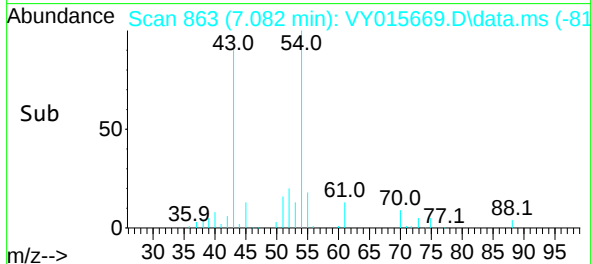
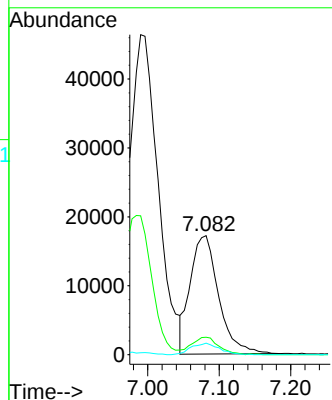
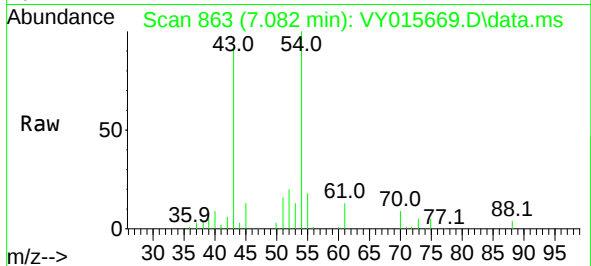
#37
Ethyl Acetate
Concen: 21.075 ug/l
RT: 7.082 min Scan# 861
Delta R.T. 0.019 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0921SBS01

Tgt Ion: 43 Resp: 47370
Ion Ratio Lower Upper
43 100
61 14.0 10.1 15.1
70 9.7 7.1 10.7

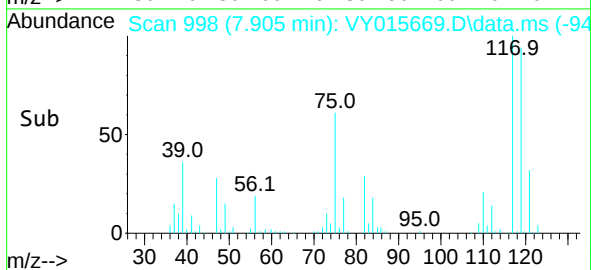
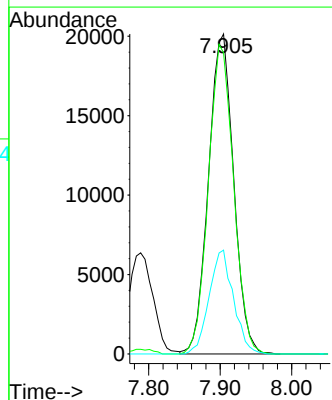
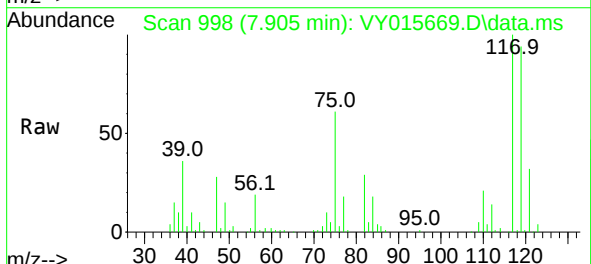
Manual Integrations
APPROVED

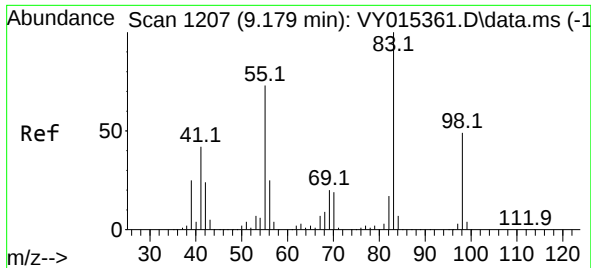
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#38
Carbon Tetrachloride
Concen: 20.157 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.012 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

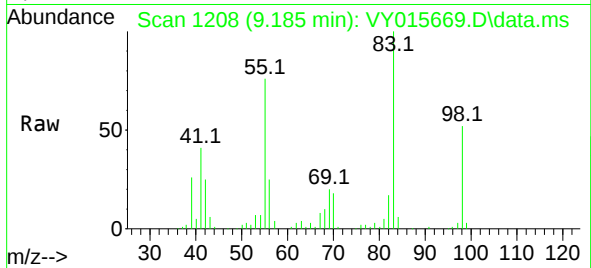
Tgt Ion:117 Resp: 49309
Ion Ratio Lower Upper
117 100
119 94.1 76.4 114.6
121 32.4 25.8 38.6





#39
Methylcyclohexane
Concen: 19.405 ug/l
RT: 9.185 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

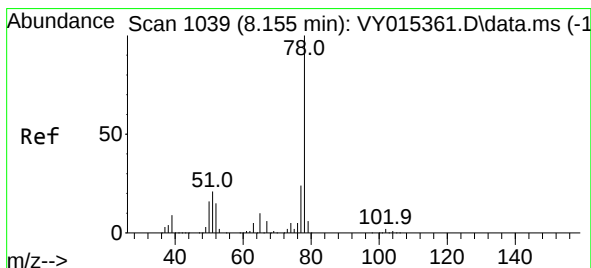
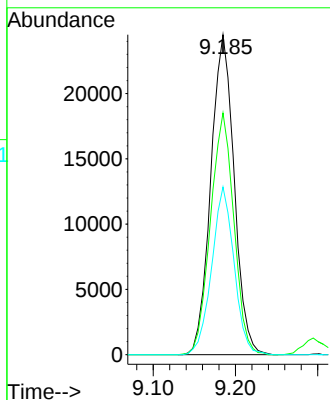
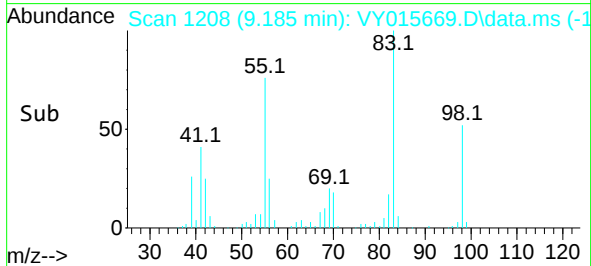
Instrument :
MSVOA_Y
ClientSampleId :
VY0921SBS01



Tgt Ion: 83 Resp: 48370
Ion Ratio Lower Upper
83 100
55 75.6 63.0 94.4
98 52.4 37.4 56.2

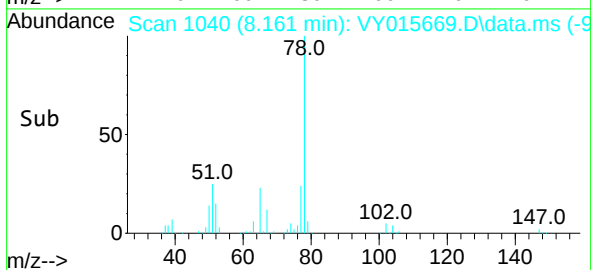
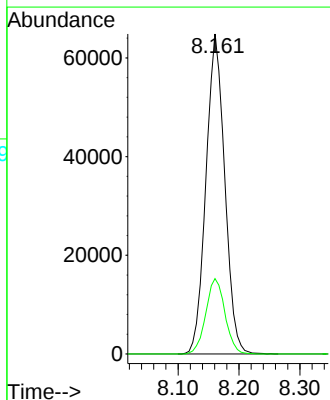
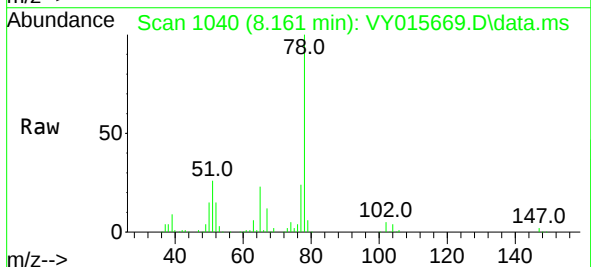
Manual Integrations
APPROVED

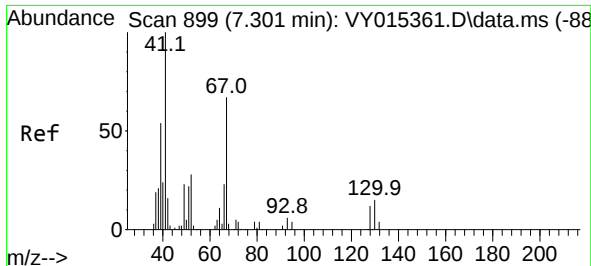
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#40
Benzene
Concen: 20.193 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.012 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

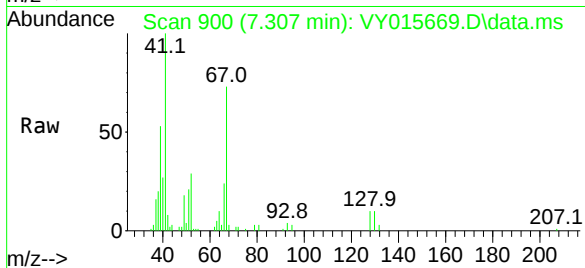
Tgt Ion: 78 Resp: 138777
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.6





#41
Methacrylonitrile
Concen: 19.110 ug/l
RT: 7.307 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

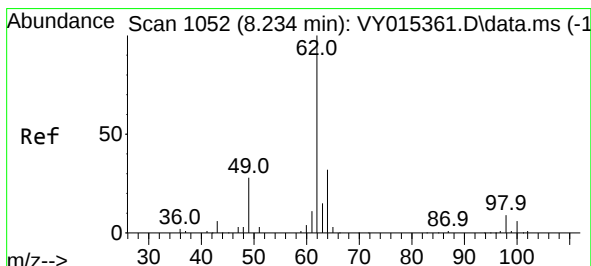
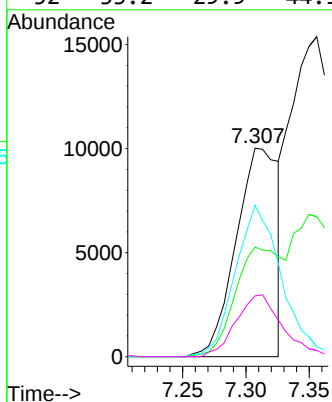
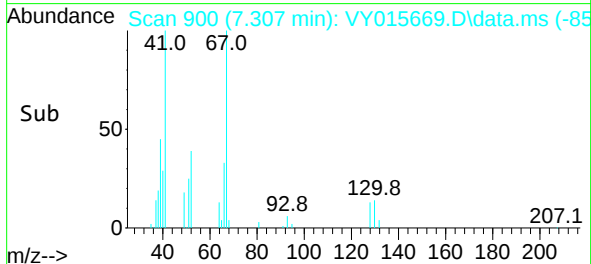
Instrument :
MSVOA_Y
ClientSampleId :
VY0921SBSD01



Tgt Ion: 41 Resp: 23130
Ion Ratio Lower Upper
41 100
39 60.6 52.1 78.1
67 80.6 66.2 99.2
52 33.2 29.9 44.9

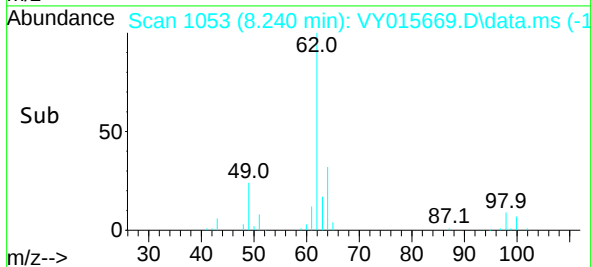
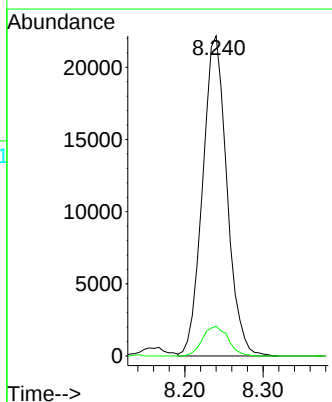
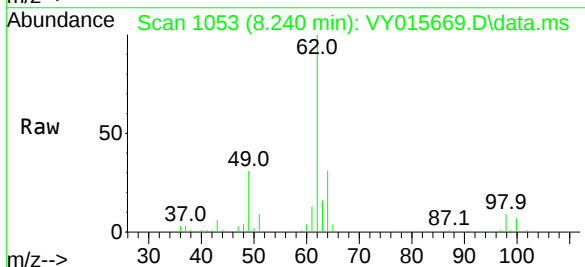
Manual Integrations
APPROVED

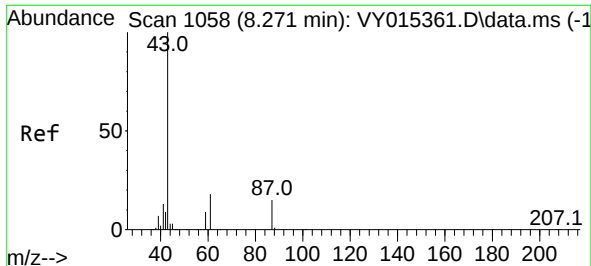
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#42
1,2-Dichloroethane
Concen: 20.302 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

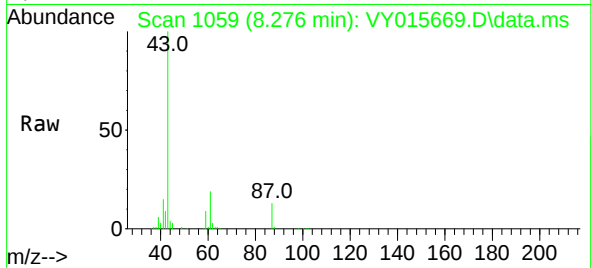
Tgt Ion: 62 Resp: 47787
Ion Ratio Lower Upper
62 100
98 9.8 0.0 15.8





#43
Isopropyl Acetate
Concen: 20.501 ug/l
RT: 8.276 min Scan# 1058
Delta R.T. 0.012 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

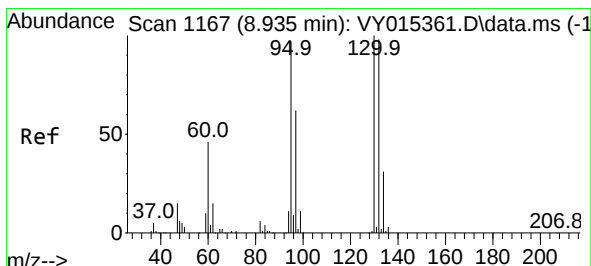
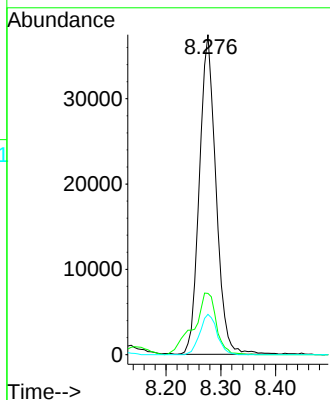
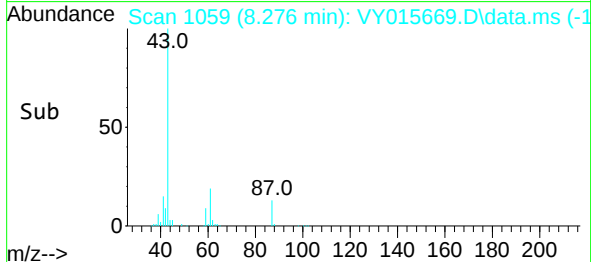
Instrument :
MSVOA_Y
ClientSampleId :
VY0921SBS01



Tgt Ion: 43 Resp: 7872
Ion Ratio Lower Upper
43 100
61 26.4 21.1 31.7
87 13.1 9.8 14.8

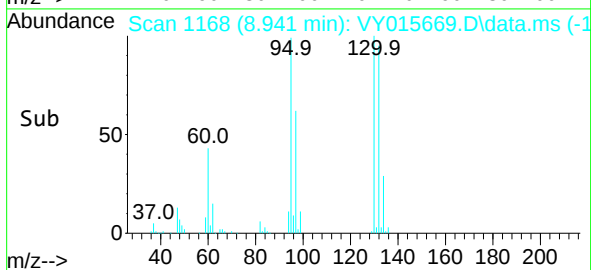
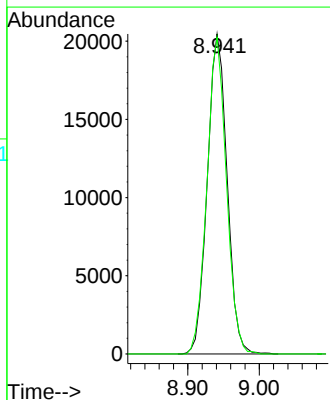
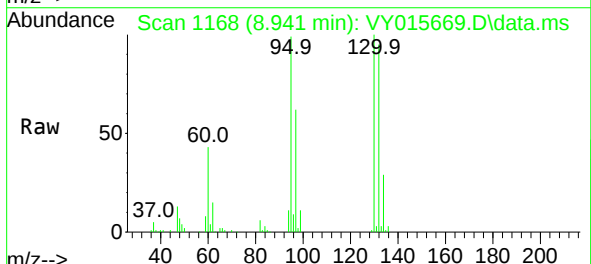
Manual Integrations
APPROVED

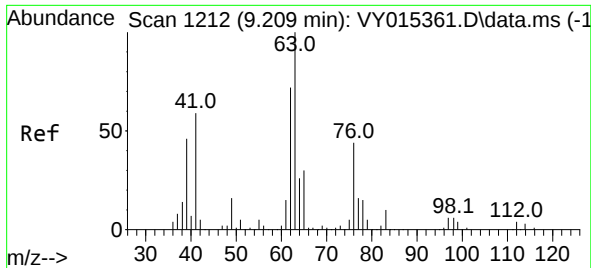
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#44
Trichloroethene
Concen: 20.510 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

Tgt Ion:130 Resp: 39370
Ion Ratio Lower Upper
130 100
95 98.9 0.0 196.0





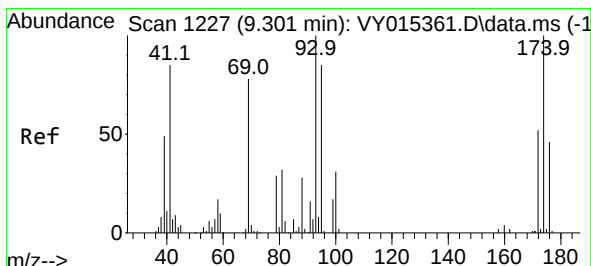
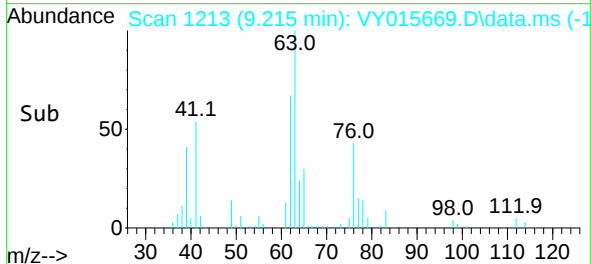
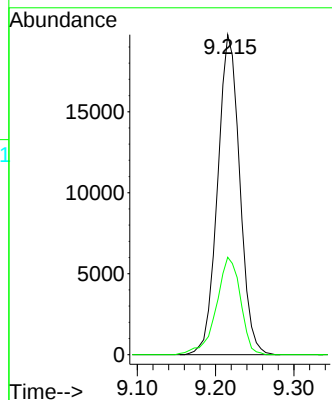
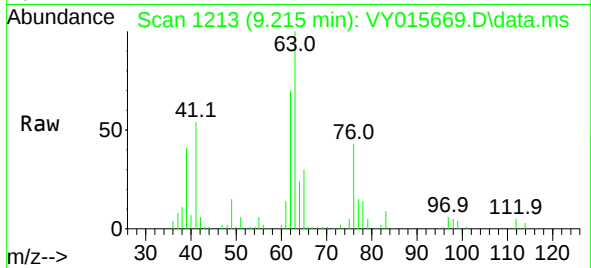
#45
1,2-Dichloropropane
Concen: 20.240 ug/l
RT: 9.215 min Scan# 1213
Delta R.T. 0.000 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0921SBSD01

Tgt Ion: 63 Resp: 38792
Ion Ratio Lower Upper
63 100
65 30.5 23.8 35.6

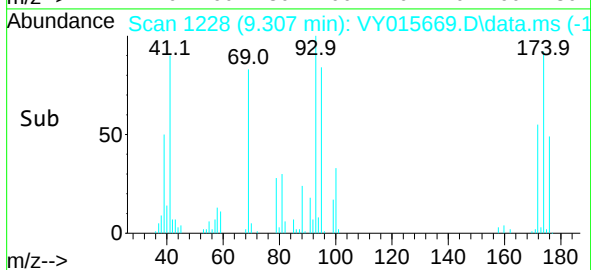
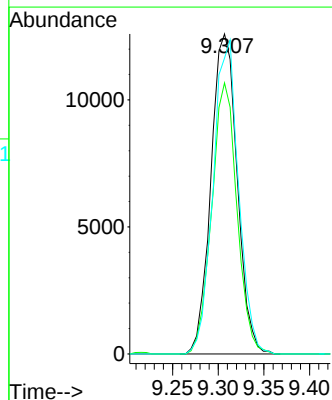
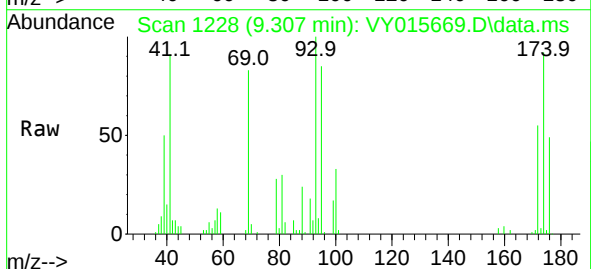
Manual Integrations
APPROVED

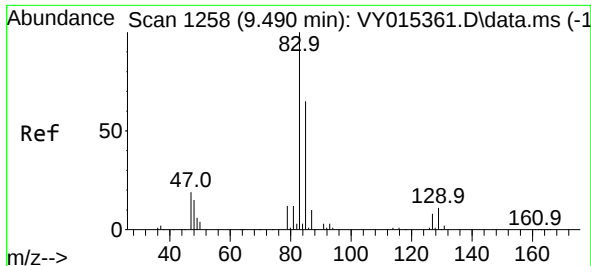
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#46
Dibromomethane
Concen: 20.452 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.012 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

Tgt Ion: 93 Resp: 25074
Ion Ratio Lower Upper
93 100
95 81.5 66.6 100.0
174 95.4 84.8 127.2





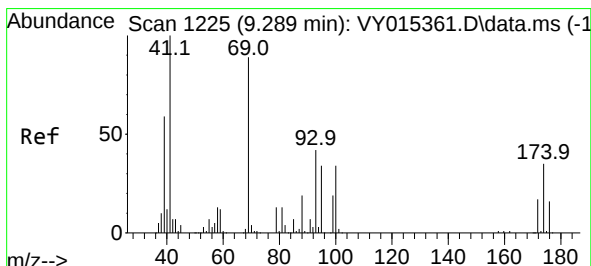
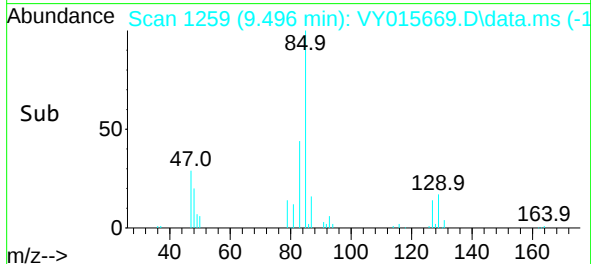
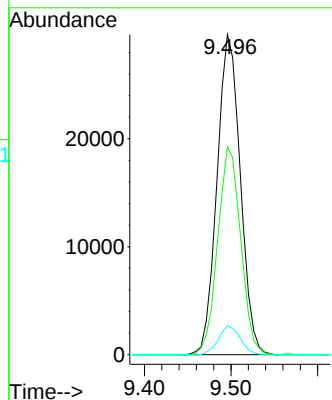
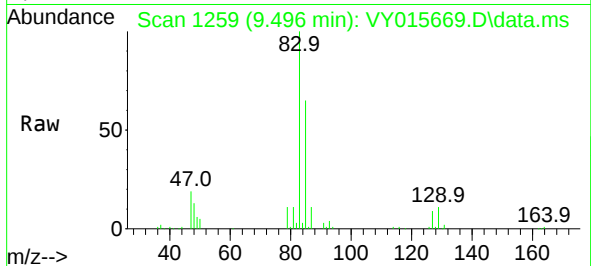
#47
Bromodichloromethane
Concen: 20.273 ug/l
RT: 9.496 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0921SBSD01

Tgt Ion: 83 Resp: 55400
Ion Ratio Lower Upper
83 100
85 64.9 50.1 75.1
127 9.0 7.1 10.7

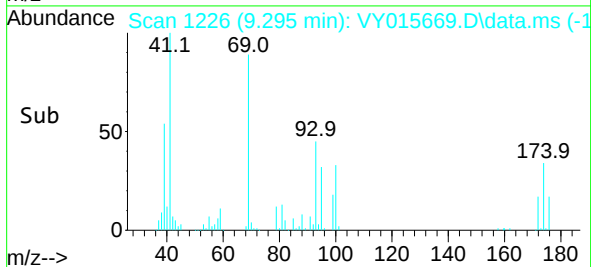
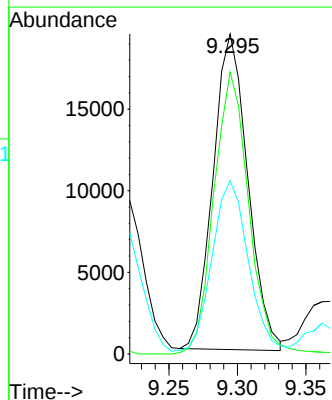
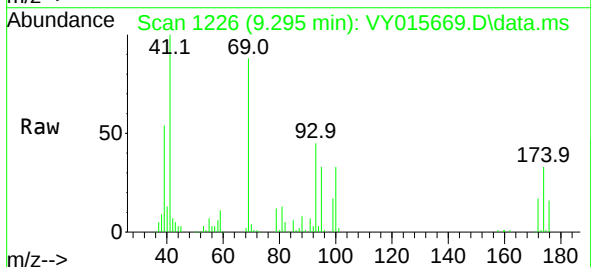
Manual Integrations
APPROVED

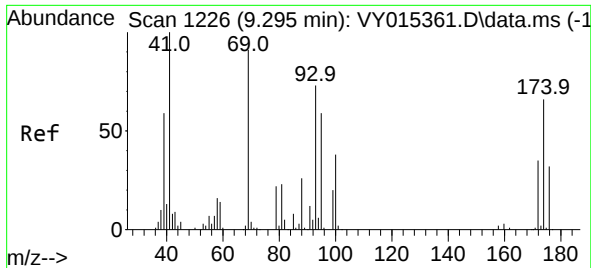
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#48
Methyl methacrylate
Concen: 20.209 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

Tgt Ion: 41 Resp: 34062
Ion Ratio Lower Upper
41 100
69 90.1 64.5 96.7
39 58.6 50.8 76.2





#49

1,4-Dioxane

Concen: 452.018 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.024 min

Lab File: VY015669.D

Acq: 21 Sep 2023 11:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0921SBSD01

Tgt Ion: 88 Resp: 1094

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

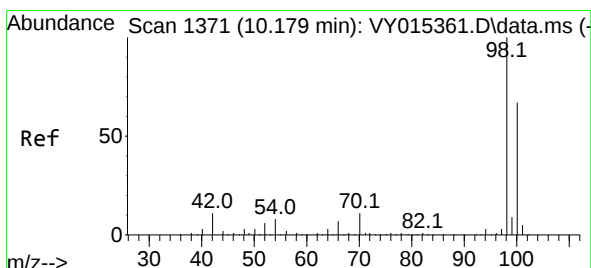
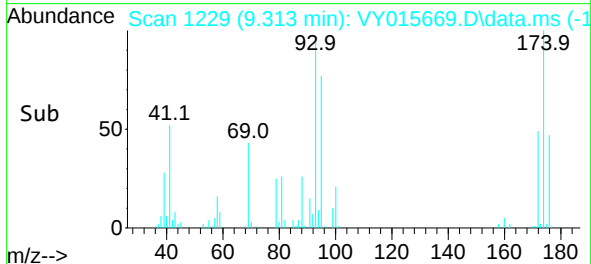
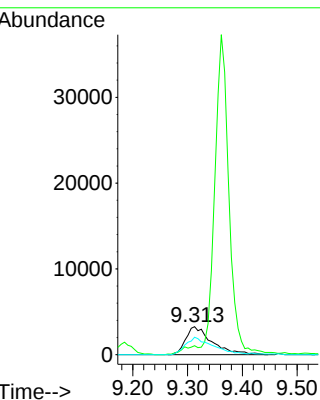
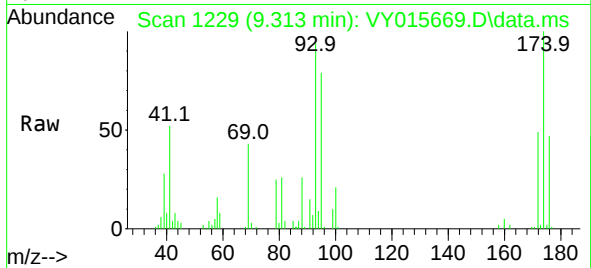
58 64.5 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#50

Toluene-d8

Concen: 43.024 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY015669.D

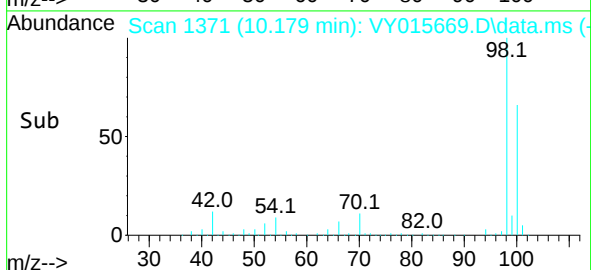
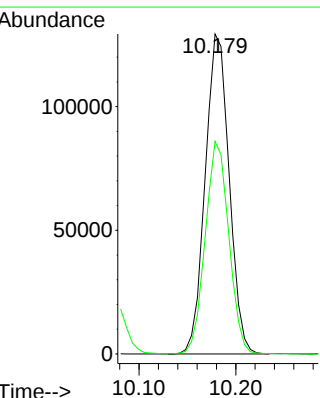
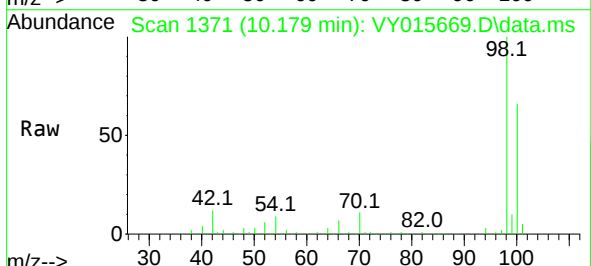
Acq: 21 Sep 2023 11:38

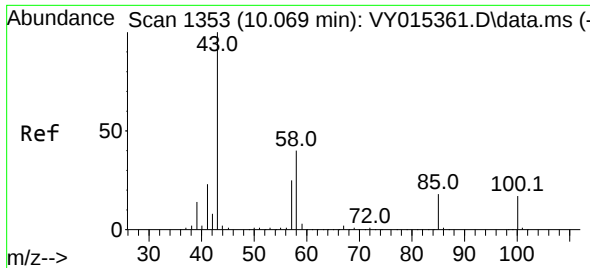
Tgt Ion: 98 Resp: 222349

Ion Ratio Lower Upper

98 100

100 65.6 50.1 75.1





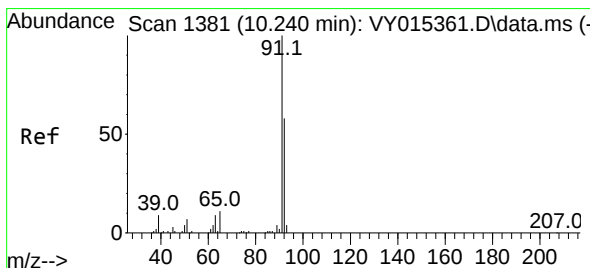
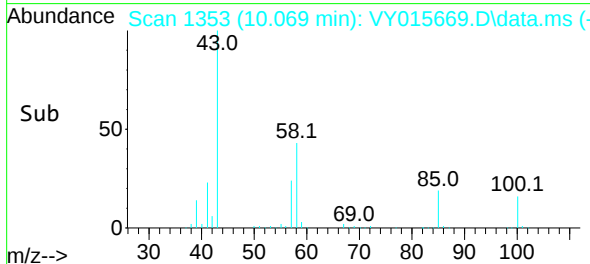
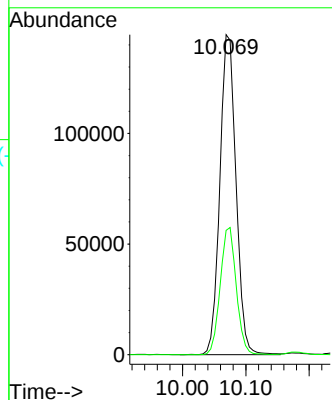
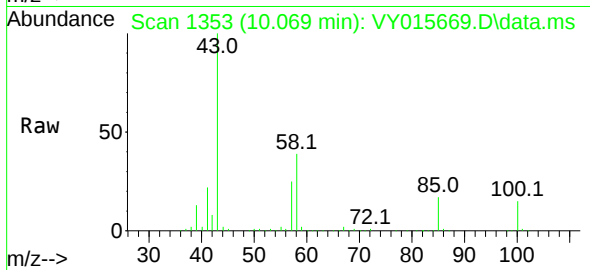
#51
4-Methyl-2-Pentanone
Concen: 107.331 ug/l
RT: 10.069 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0921SBS01

Tgt Ion: 43 Resp: 255452
Ion Ratio Lower Upper
43 100
58 39.5 29.0 43.6

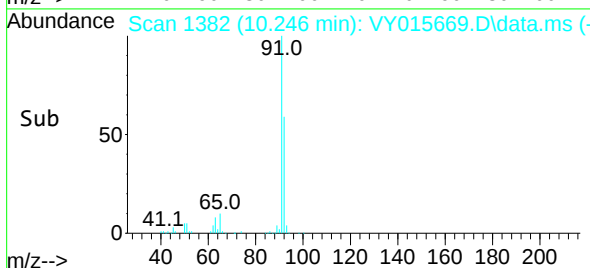
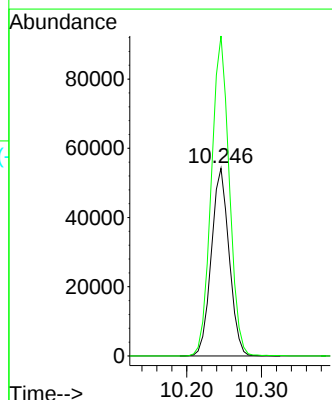
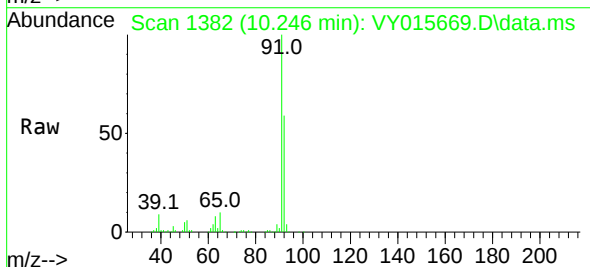
Manual Integrations
APPROVED

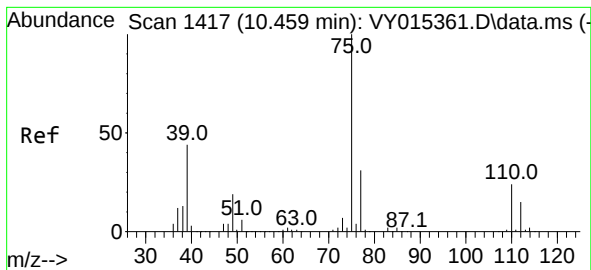
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#52
Toluene
Concen: 20.258 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

Tgt Ion: 92 Resp: 89760
Ion Ratio Lower Upper
92 100
91 172.3 143.8 215.6





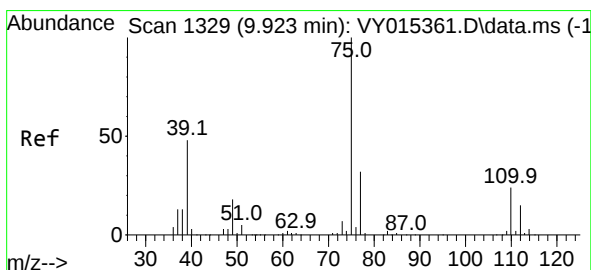
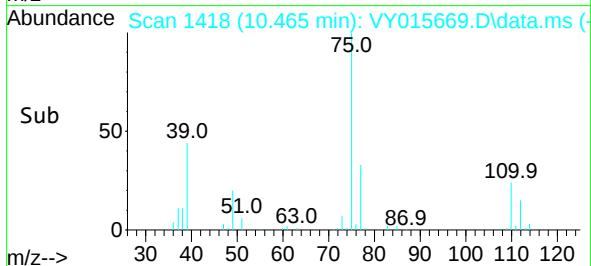
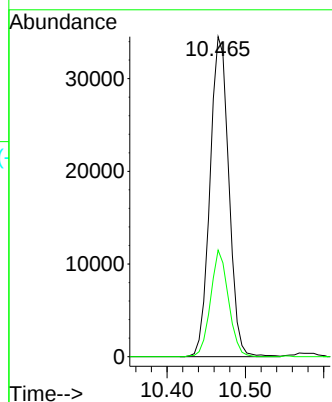
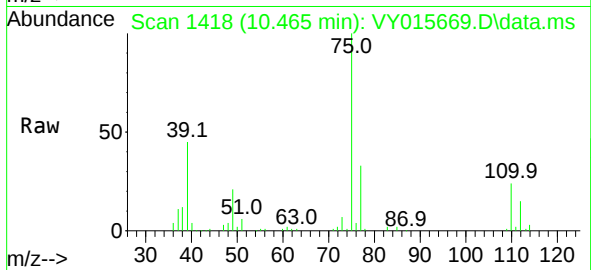
#53
 t-1,3-Dichloropropene
 Concen: 19.653 ug/l
 RT: 10.465 min Scan# 1417
 Delta R.T. 0.006 min
 Lab File: VY015669.D
 Acq: 21 Sep 2023 11:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0921SBSD01

Tgt Ion: 75 Resp: 5759
 Ion Ratio Lower Upper
 75 100
 77 33.3 25.0 37.4

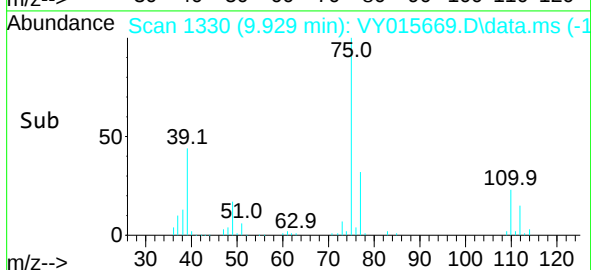
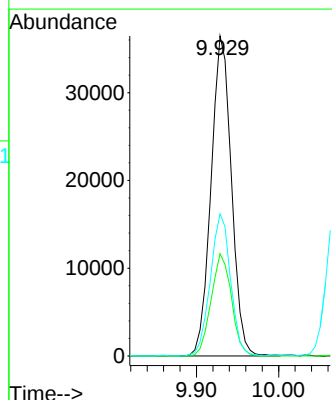
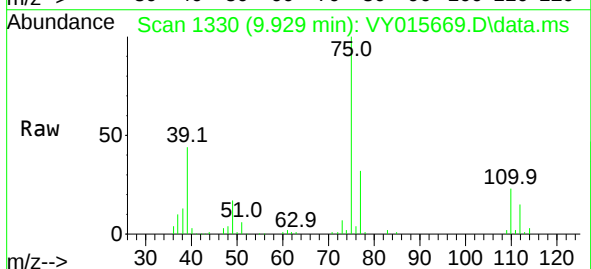
Manual Integrations
 APPROVED

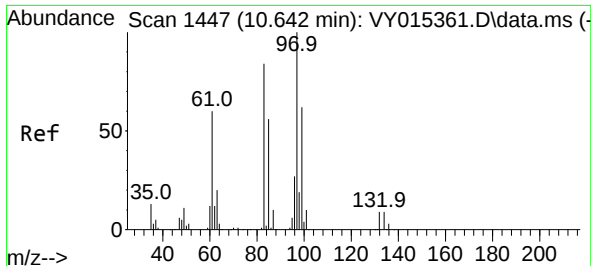
Reviewed By :John Carlone 09/22/2023
 Supervised By :Mahesh Dadoda 09/22/2023



#54
 cis-1,3-Dichloropropene
 Concen: 19.887 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.006 min
 Lab File: VY015669.D
 Acq: 21 Sep 2023 11:38

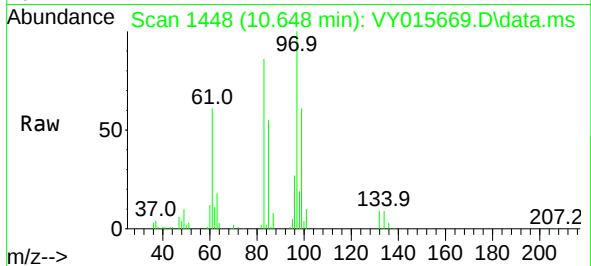
Tgt Ion: 75 Resp: 62731
 Ion Ratio Lower Upper
 75 100
 77 31.9 24.2 36.4
 39 44.4 42.2 63.4





#55
1,1,2-Trichloroethane
Concen: 20.839 ug/l
RT: 10.648 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

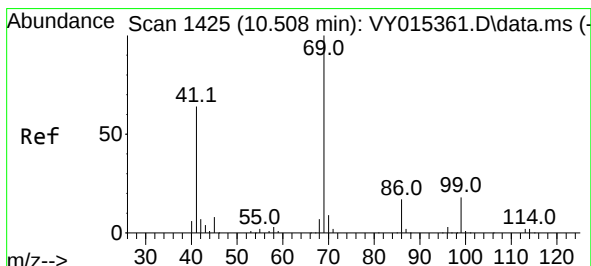
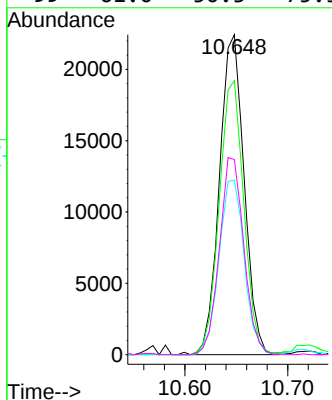
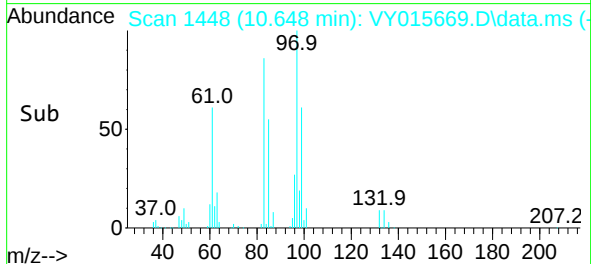
Instrument :
MSVOA_Y
ClientSampleId :
VY0921SBSD01



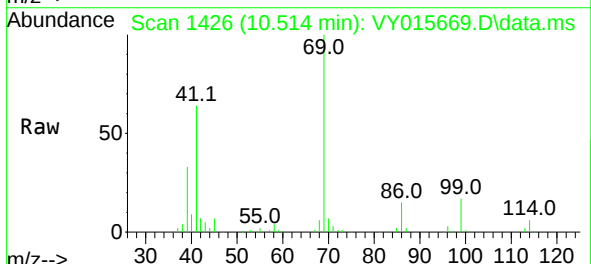
Tgt Ion:	97	Resp:	3744
Ion	Ratio	Lower	Upper
97	100		
83	85.7	72.0	108.0
85	54.5	45.4	68.0
99	61.0	50.3	75.5

Manual Integrations
APPROVED

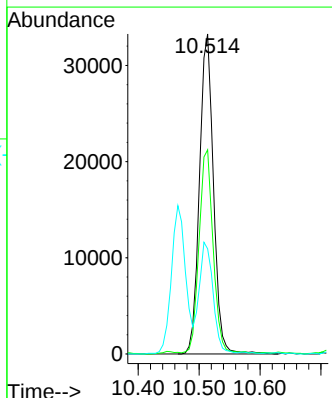
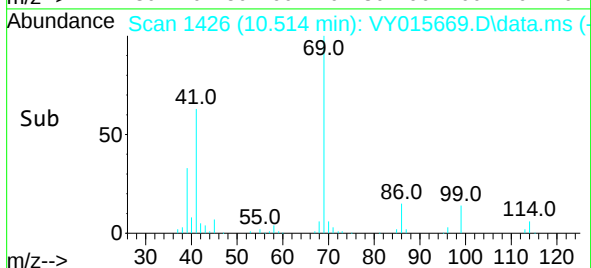
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023

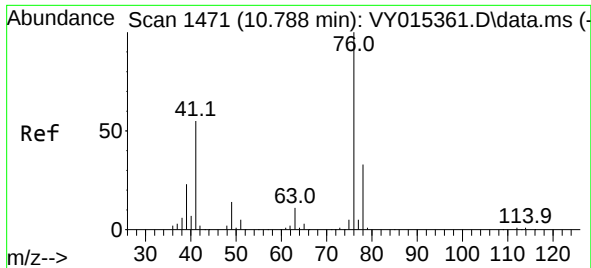


#56
Ethyl methacrylate
Concen: 20.078 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38



Tgt Ion:	69	Resp:	53160
Ion	Ratio	Lower	Upper
69	100		
41	63.7	57.6	86.4
39	34.1	34.1	51.1





#57

1,3-Dichloropropane

Concen: 20.371 ug/l

RT: 10.794 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VY015669.D

Acq: 21 Sep 2023 11:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0921SBSD01

Tgt Ion: 76 Resp: 61375

Ion Ratio Lower Upper

76 100

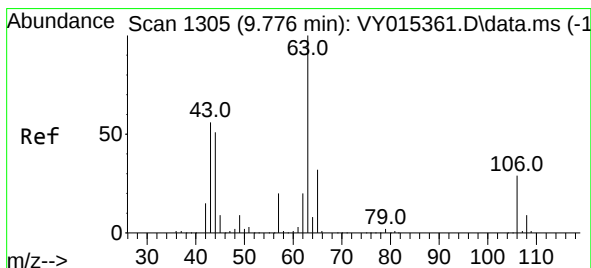
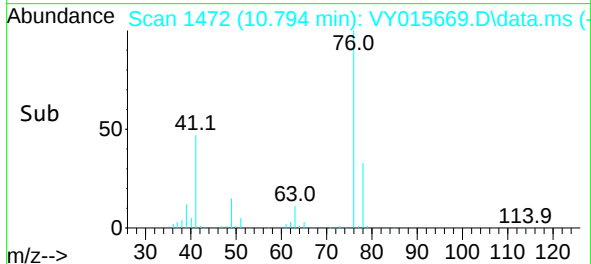
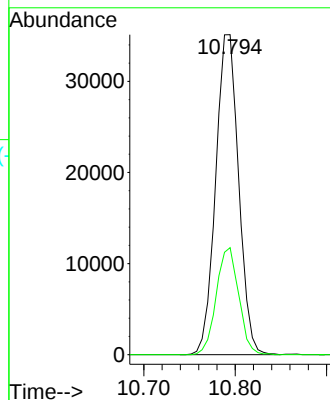
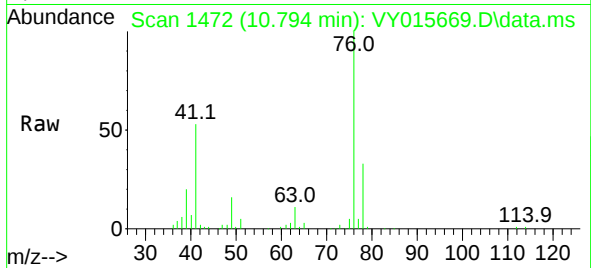
78 32.7 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#58

2-Chloroethyl Vinyl ether

Concen: 92.871 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.006 min

Lab File: VY015669.D

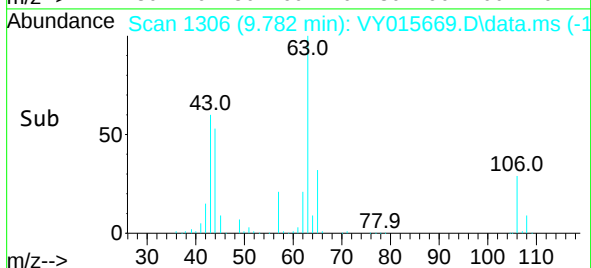
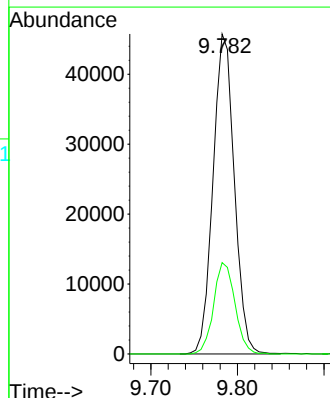
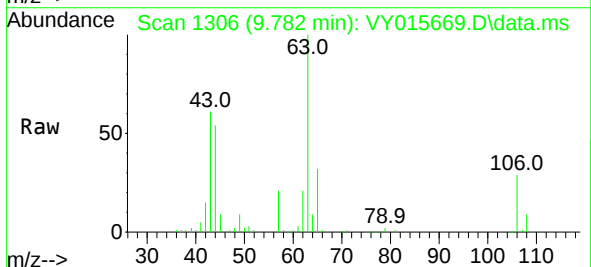
Acq: 21 Sep 2023 11:38

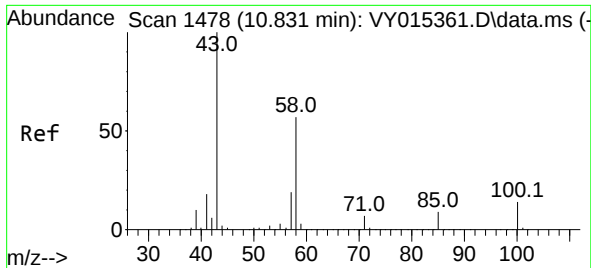
Tgt Ion: 63 Resp: 78107

Ion Ratio Lower Upper

63 100

106 28.6 21.2 31.8





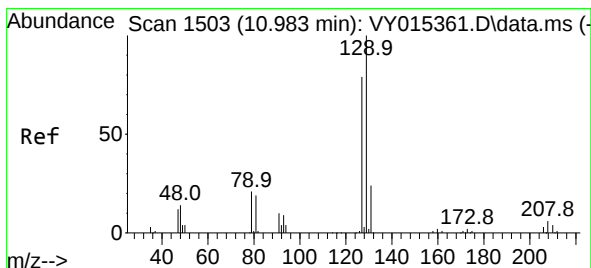
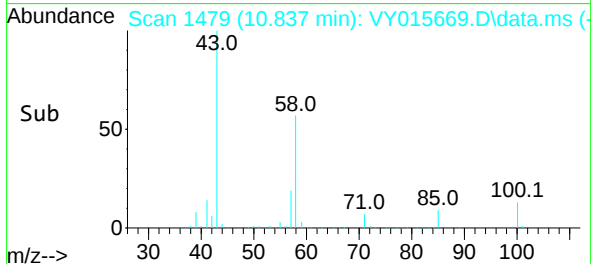
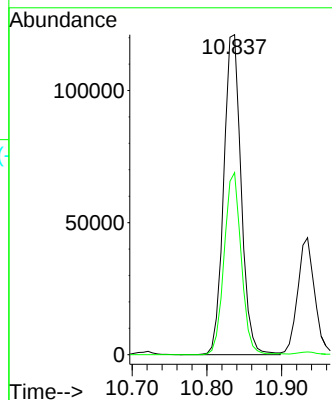
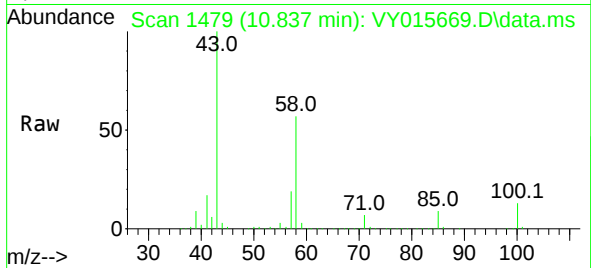
#59
2-Hexanone
Concen: 107.668 ug/l
RT: 10.837 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0921SBS01

Tgt Ion: 43 Resp: 19660
Ion Ratio Lower Upper
43 100
58 55.8 25.1 75.3

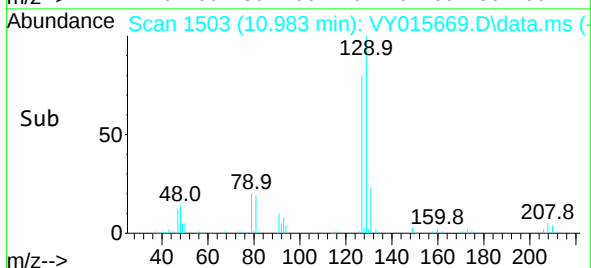
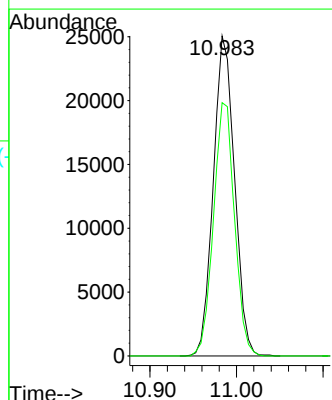
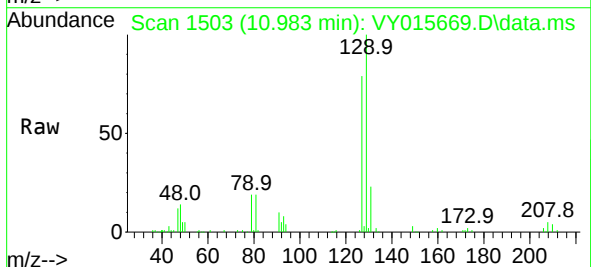
Manual Integrations
APPROVED

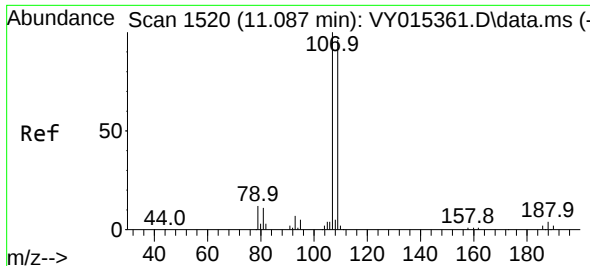
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#60
Dibromochloromethane
Concen: 20.324 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

Tgt Ion:129 Resp: 42625
Ion Ratio Lower Upper
129 100
127 78.7 38.5 115.5





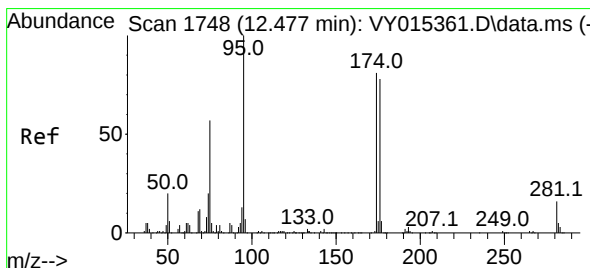
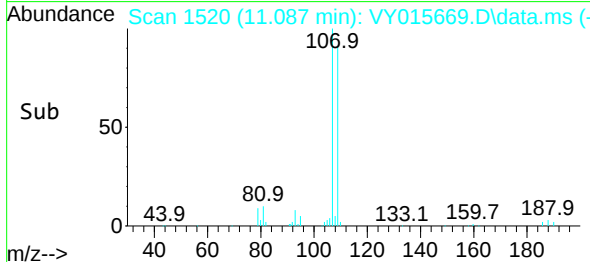
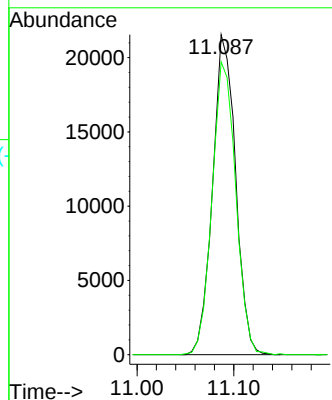
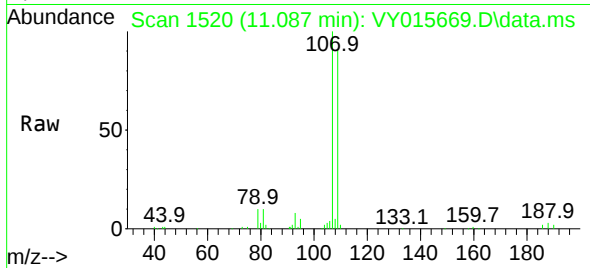
#61
1,2-Dibromoethane
Concen: 20.196 ug/l
RT: 11.087 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0921SBSD01

Tgt Ion:107 Resp: 35498
Ion Ratio Lower Upper
107 100
109 94.5 75.6 113.4

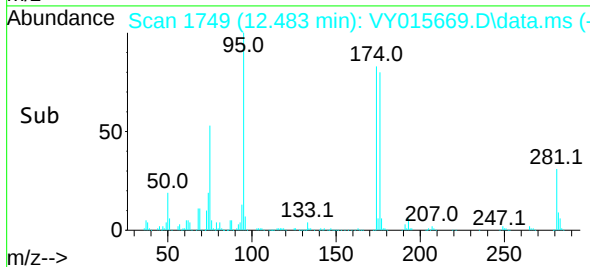
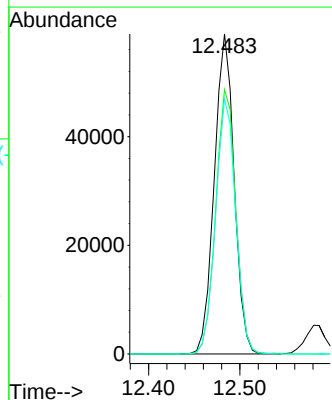
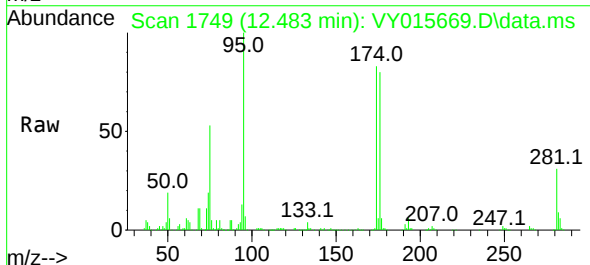
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#62
4-Bromofluorobenzene
Concen: 43.785 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

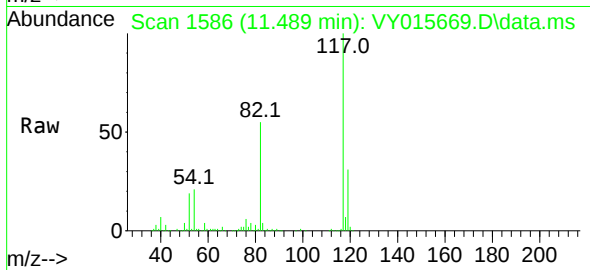
Tgt Ion: 95 Resp: 88802
Ion Ratio Lower Upper
95 100
174 84.1 0.0 178.2
176 80.7 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

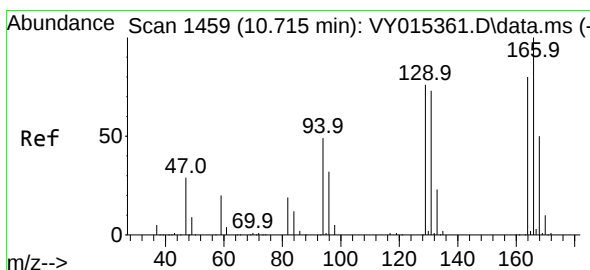
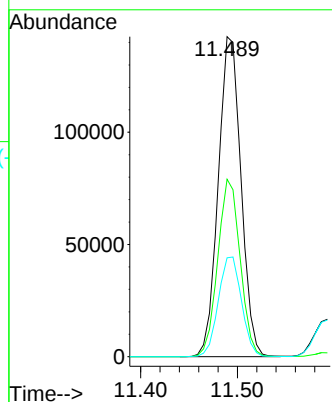
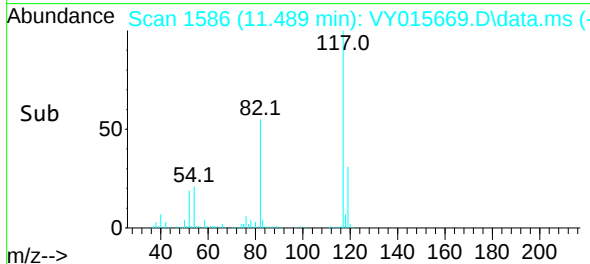
Instrument :
MSVOA_Y
ClientSampleId :
VY0921SBSD01



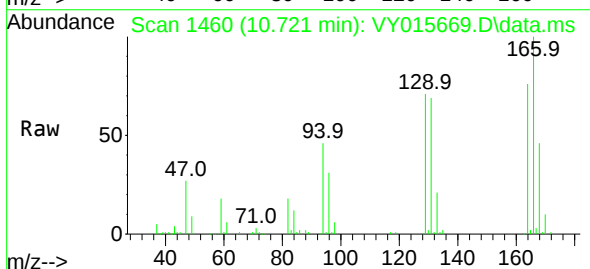
Tgt Ion:117 Resp: 232692
Ion Ratio Lower Upper
117 100
82 55.4 43.4 65.0
119 30.9 26.3 39.5

Manual Integrations
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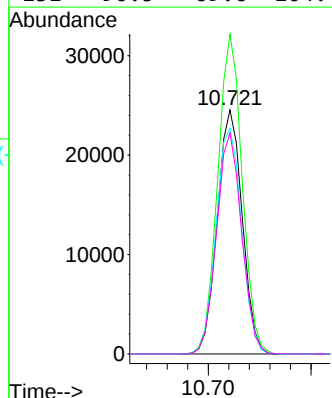
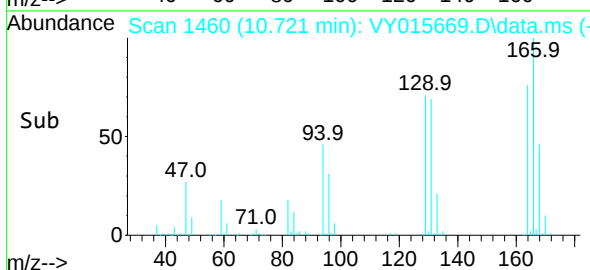
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023

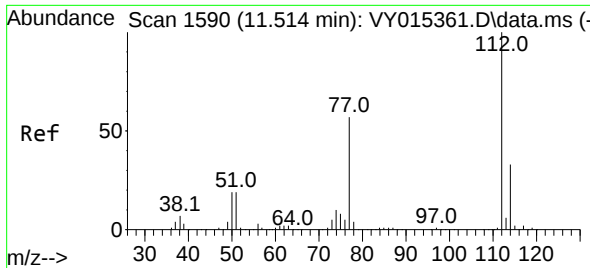


#64
Tetrachloroethene
Concen: 20.759 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38



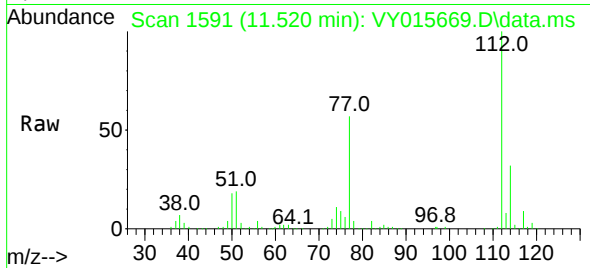
Tgt Ion:164 Resp: 41443
Ion Ratio Lower Upper
164 100
166 131.2 103.0 154.6
129 92.6 77.2 115.8
131 90.5 69.6 104.4





#65
Chlorobenzene
Concen: 20.164 ug/l
RT: 11.520 min Scan# 1150
Delta R.T. 0.006 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

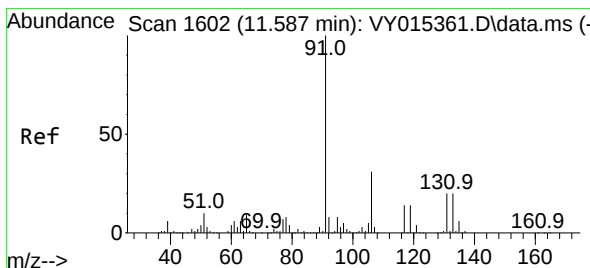
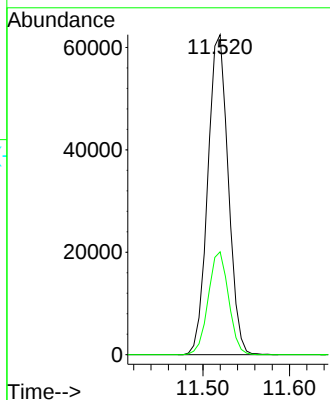
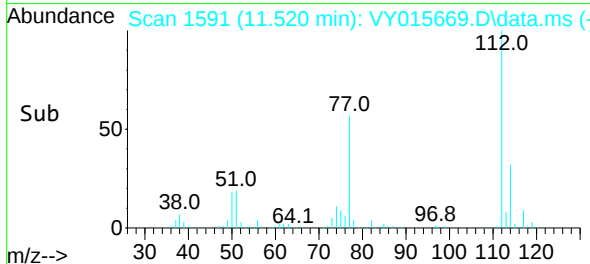
Instrument :
MSVOA_Y
ClientSampleId :
VY0921SBSD01



Tgt Ion:112 Resp: 10241
Ion Ratio Lower Upper
112 100
114 32.2 25.5 38.3

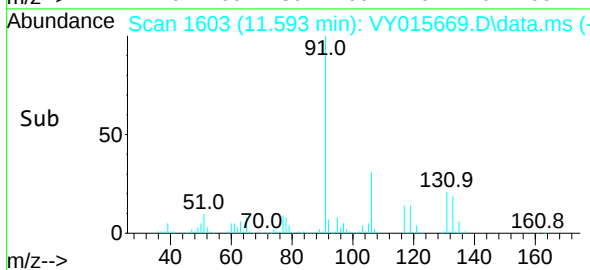
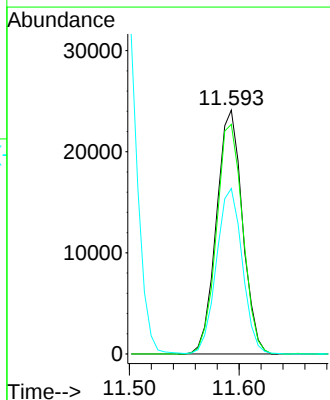
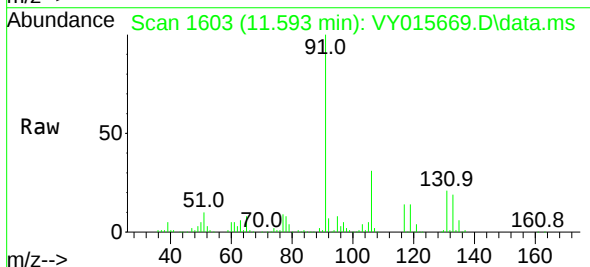
Manual Integrations
APPROVED

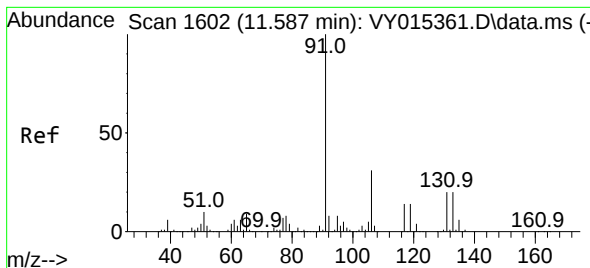
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 20.148 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

Tgt Ion:131 Resp: 39751
Ion Ratio Lower Upper
131 100
133 95.0 47.5 142.6
119 67.6 31.6 94.7





#67

Ethyl Benzene

Concen: 20.113 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY015669.D

Acq: 21 Sep 2023 11:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0921SBS01

Tgt Ion: 91 Resp: 178560

Ion Ratio Lower Upper

91 100

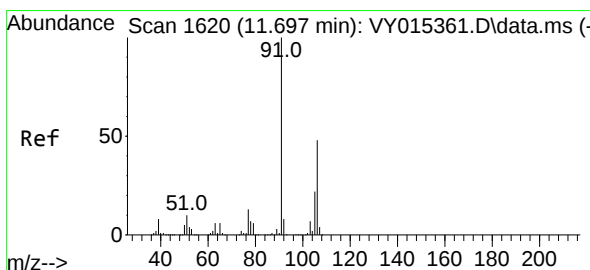
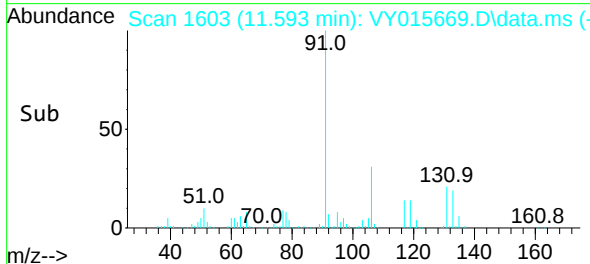
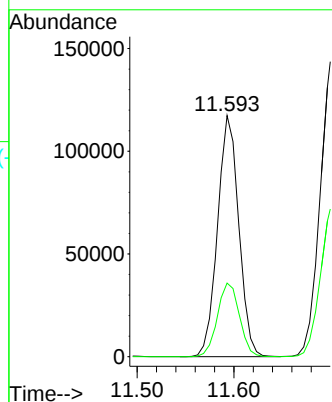
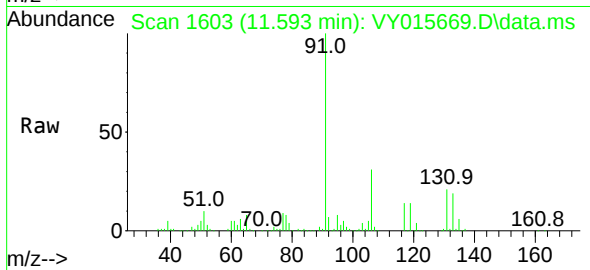
106 30.5 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#68

m/p-Xylenes

Concen: 41.194 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY015669.D

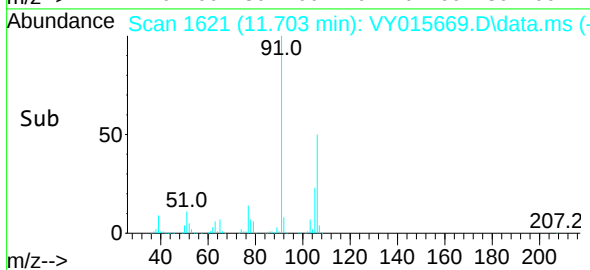
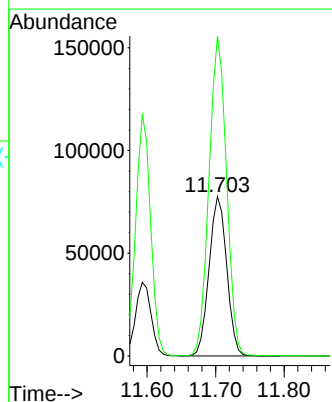
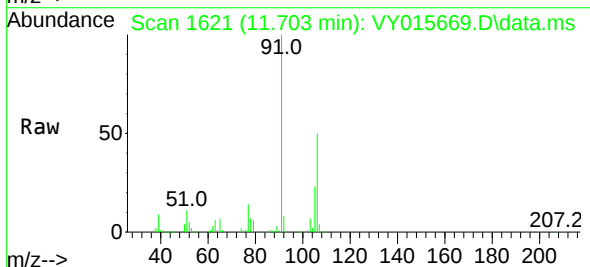
Acq: 21 Sep 2023 11:38

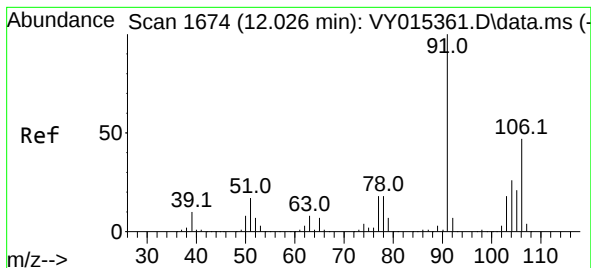
Tgt Ion:106 Resp: 139003

Ion Ratio Lower Upper

106 100

91 199.6 166.1 249.1





#69

o-Xylene

Concen: 19.992 ug/l

RT: 12.032 min Scan# 1675

Delta R.T. 0.006 min

Lab File: VY015669.D

Acq: 21 Sep 2023 11:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0921SBS01

Tgt Ion:106 Resp: 66150

Ion Ratio Lower Upper

106 100

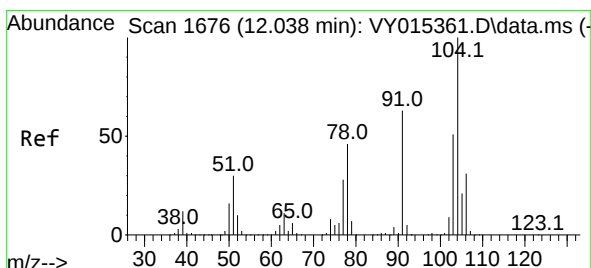
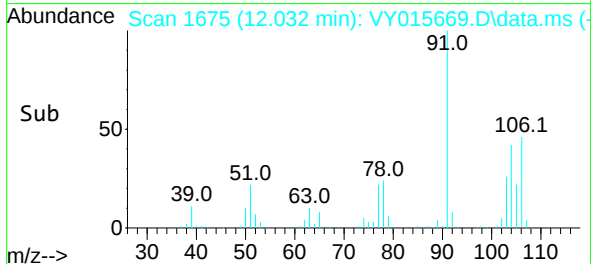
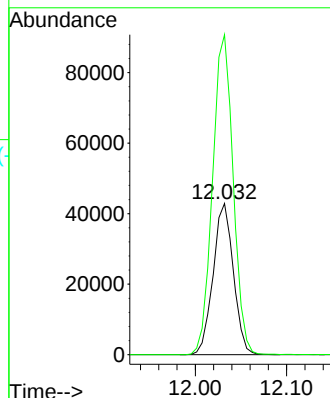
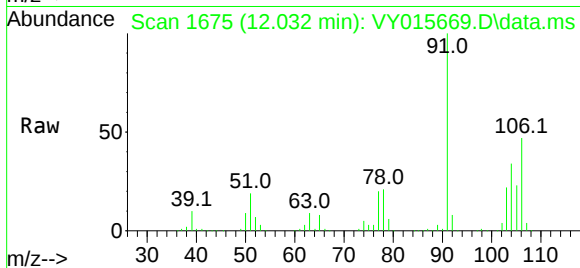
91 215.0 108.1 324.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#70

Styrene

Concen: 20.308 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY015669.D

Acq: 21 Sep 2023 11:38

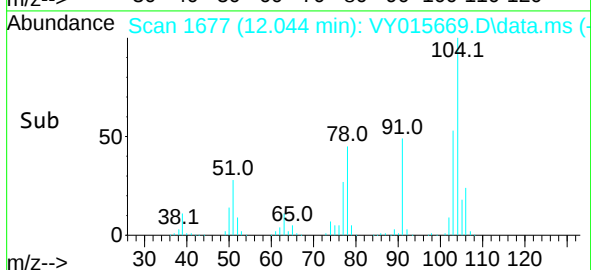
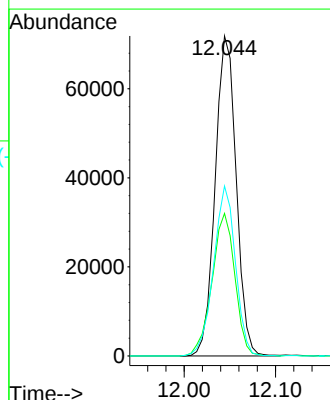
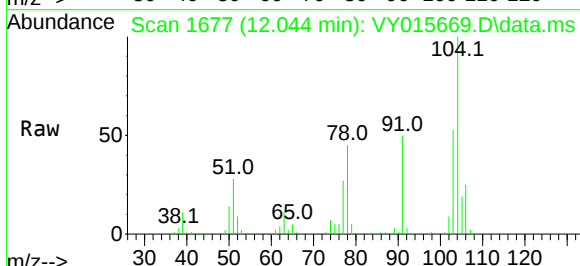
Tgt Ion:104 Resp: 115019

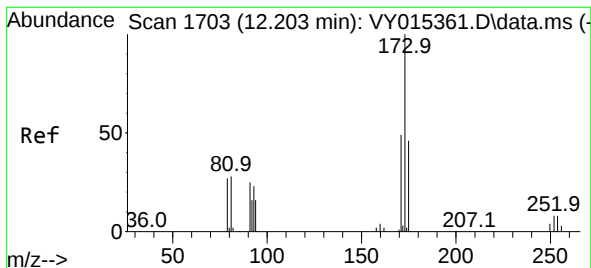
Ion Ratio Lower Upper

104 100

78 48.4 41.5 62.3

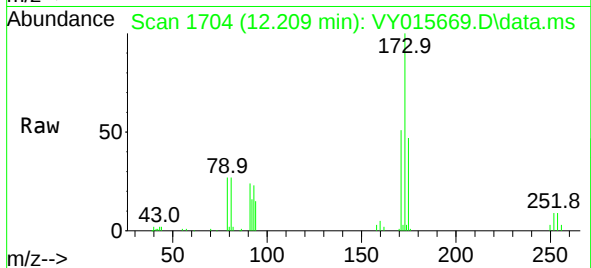
103 55.2 44.6 67.0





#71
Bromoform
Concen: 20.512 ug/l
RT: 12.209 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

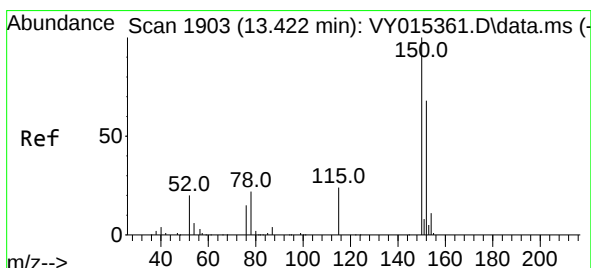
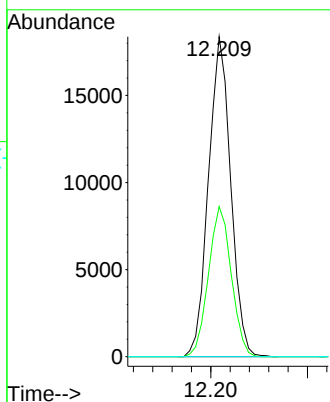
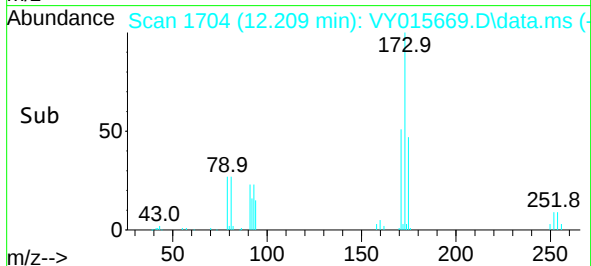
Instrument :
MSVOA_Y
ClientSampleId :
VY0921SBSD01



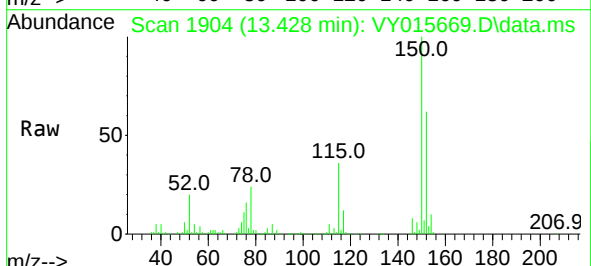
Tgt Ion:173 Resp: 2932
Ion Ratio Lower Upper
173 100
175 48.2 24.6 73.8
254 0.0 0.2 0.2

Manual Integrations
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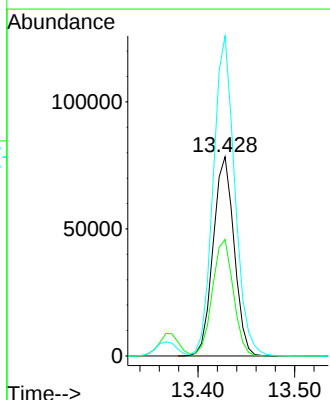
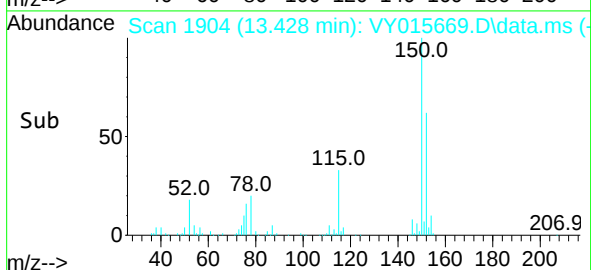
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023

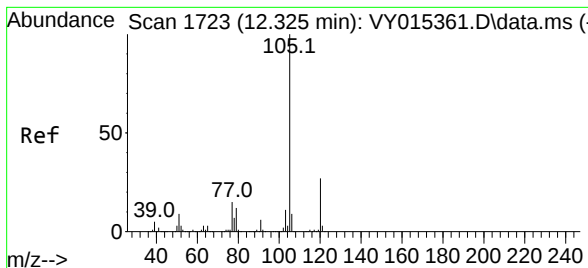


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38



Tgt Ion:152 Resp: 117984
Ion Ratio Lower Upper
152 100
115 58.7 28.8 86.5
150 165.2 0.0 348.8





#73

Isopropylbenzene

Concen: 20.396 ug/l

RT: 12.331 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015669.D

Acq: 21 Sep 2023 11:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0921SBS01

Tgt Ion:105 Resp: 18052

Ion Ratio Lower Upper

105 100

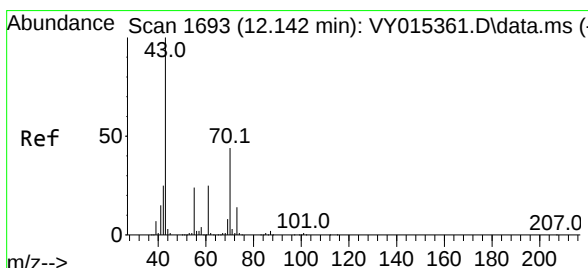
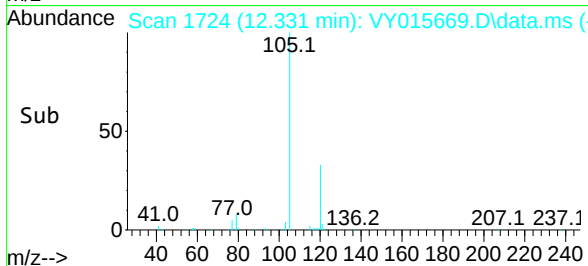
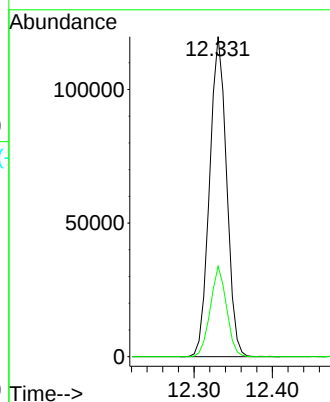
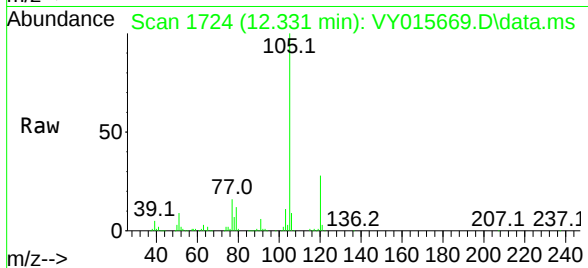
120 26.8 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#74

N-ethyl acetate

Concen: 20.134 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.006 min

Lab File: VY015669.D

Acq: 21 Sep 2023 11:38

Tgt Ion: 43 Resp: 66976

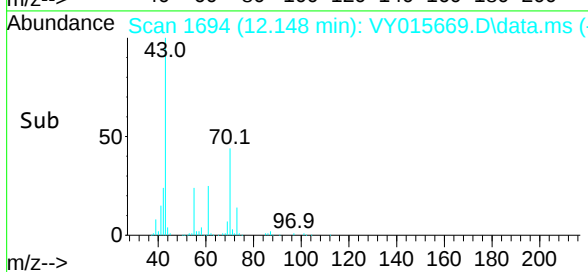
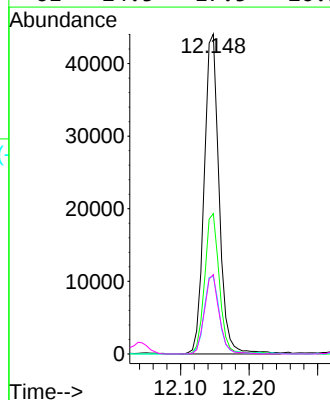
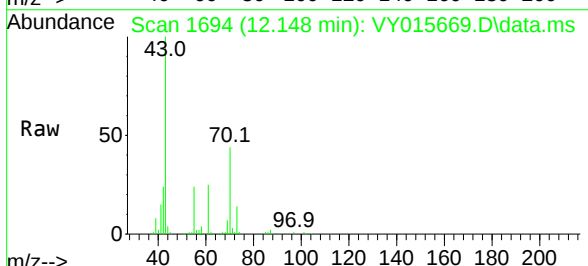
Ion Ratio Lower Upper

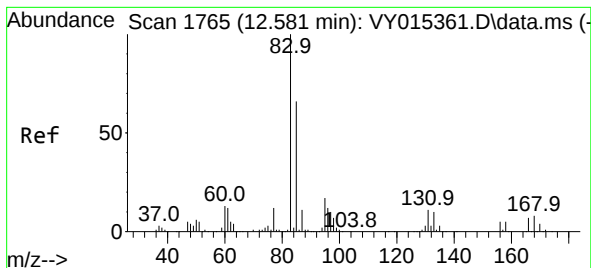
43 100

70 42.9 29.7 44.5

55 24.9 18.3 27.5

61 24.5 17.5 26.3





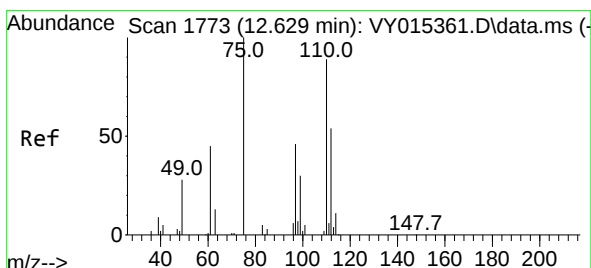
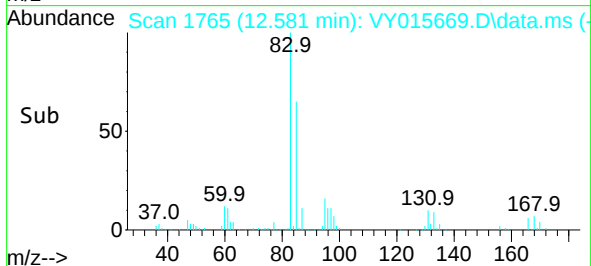
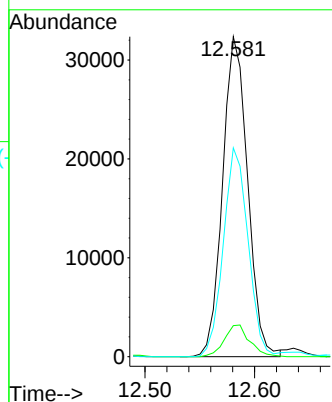
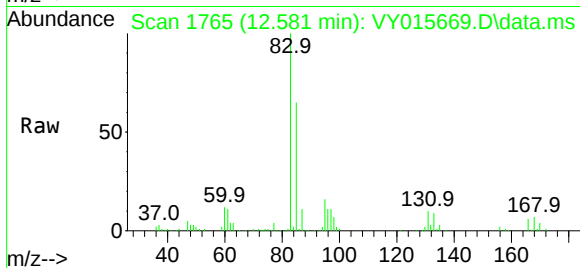
#75
1,1,2,2-Tetrachloroethane
Concen: 20.846 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0921SBS01

Tgt Ion: 83 Resp: 51350
Ion Ratio Lower Upper
83 100
131 10.0 5.4 16.2
85 64.6 31.8 95.4

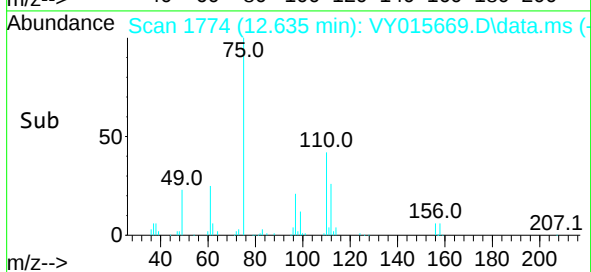
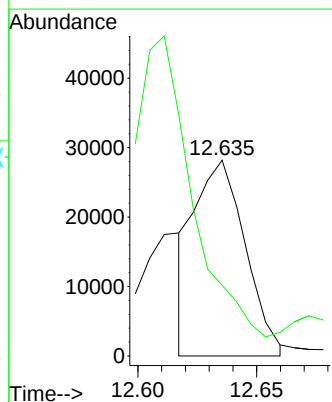
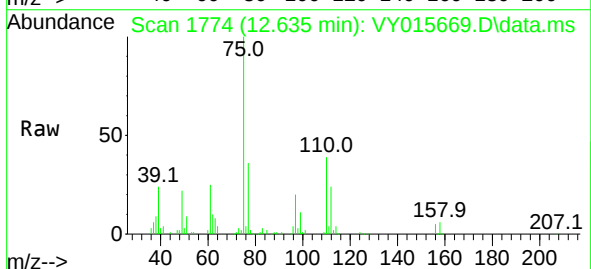
Manual Integrations
APPROVED

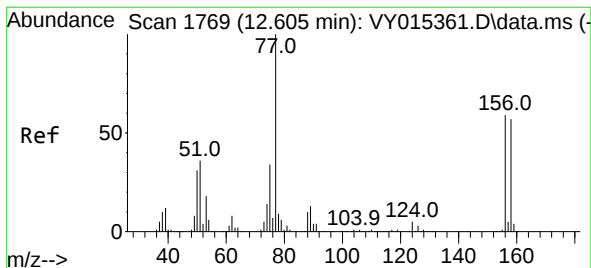
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#76
1,2,3-Trichloropropane
Concen: 22.255 ug/l m
RT: 12.635 min Scan# 1774
Delta R.T. 0.006 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

Tgt Ion: 75 Resp: 41890
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.375 ug/l

RT: 12.611 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015669.D

Acq: 21 Sep 2023 11:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0921SBSD01

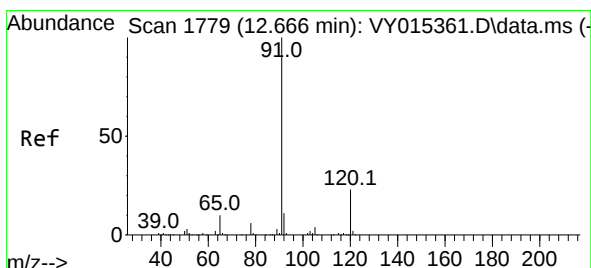
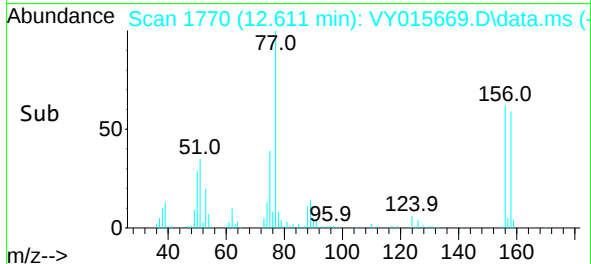
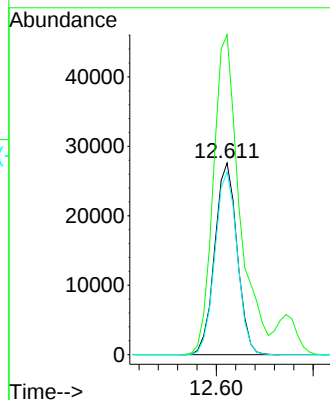
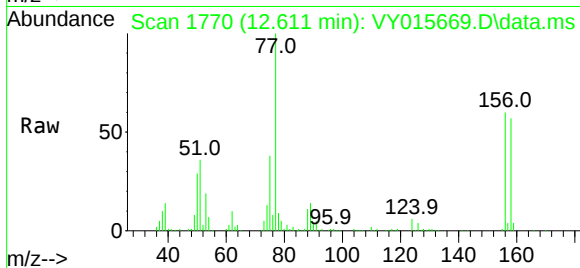
Tgt Ion:	156	Resp:	44260
Ion Ratio	Lower	Upper	
156	100		
77	196.0	92.8	278.6
158	95.4	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#78

n-propylbenzene

Concen: 20.409 ug/l

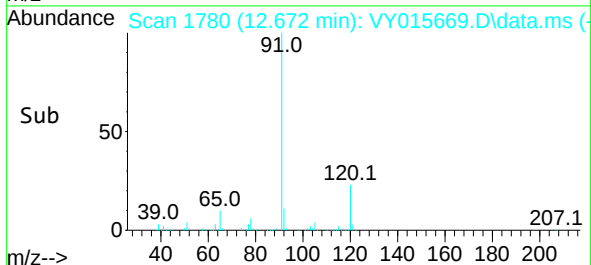
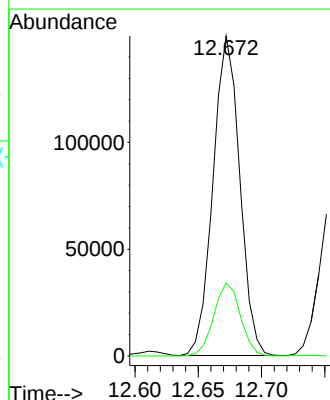
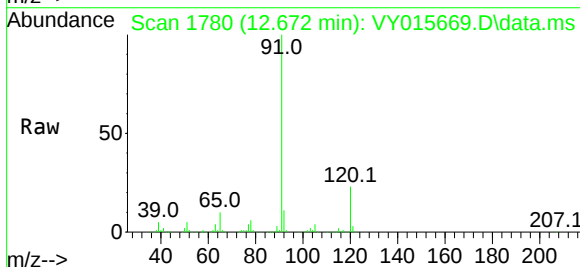
RT: 12.672 min Scan# 1780

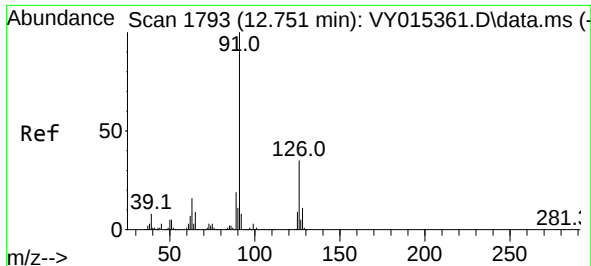
Delta R.T. 0.006 min

Lab File: VY015669.D

Acq: 21 Sep 2023 11:38

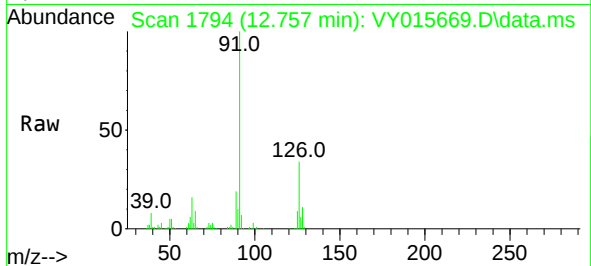
Tgt Ion:	91	Resp:	219446
Ion Ratio	Lower	Upper	
91	100		
120	22.7	11.5	34.4





#79
2-Chlorotoluene
Concen: 20.216 ug/l
RT: 12.757 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

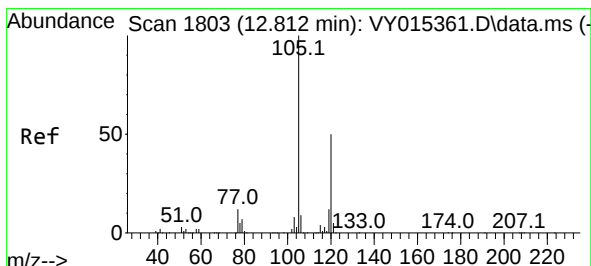
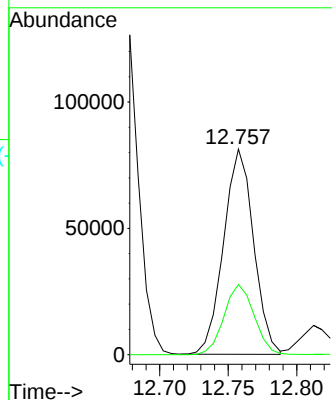
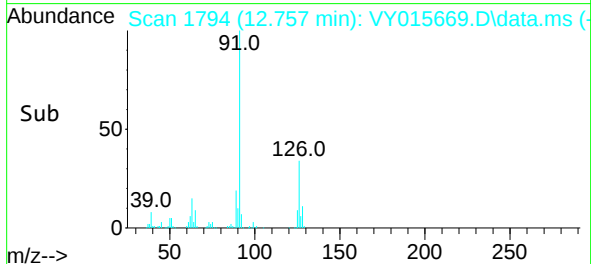
Instrument :
MSVOA_Y
ClientSampleId :
VY0921SBSD01



Tgt Ion: 91 Resp: 123904
Ion Ratio Lower Upper
91 100
126 34.3 17.3 51.7

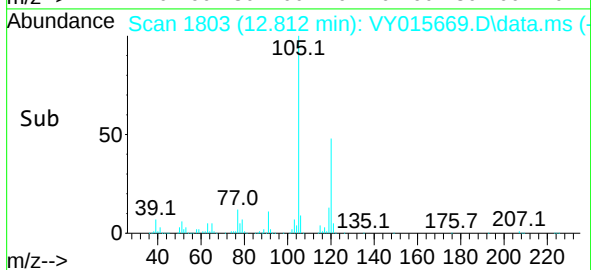
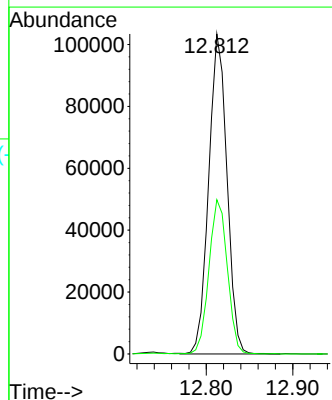
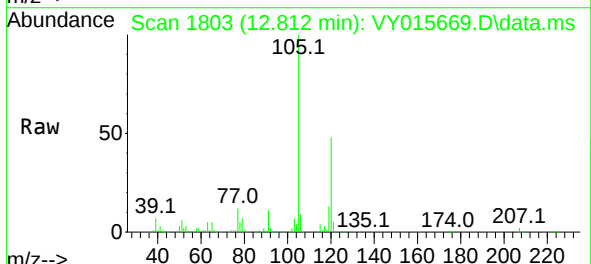
Manual Integrations
APPROVED

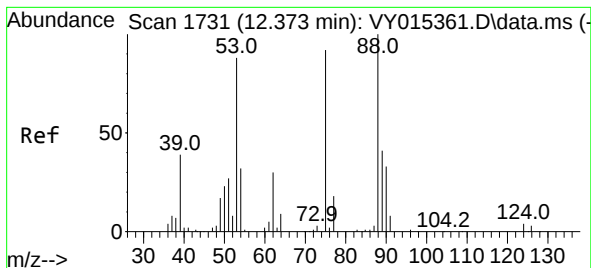
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#80
1,3,5-Trimethylbenzene
Concen: 20.435 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

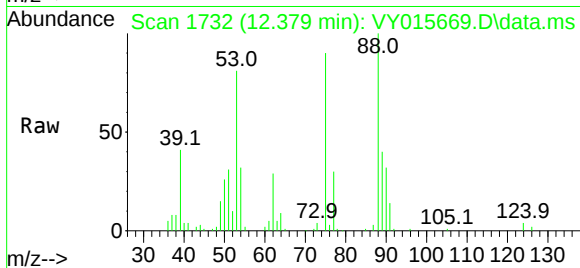
Tgt Ion:105 Resp: 151417
Ion Ratio Lower Upper
105 100
120 48.7 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 20.436 ug/l
RT: 12.379 min Scan# 1731
Delta R.T. -0.001 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

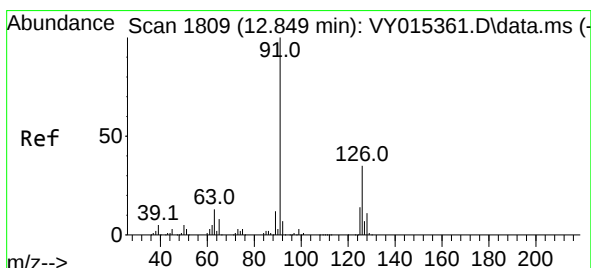
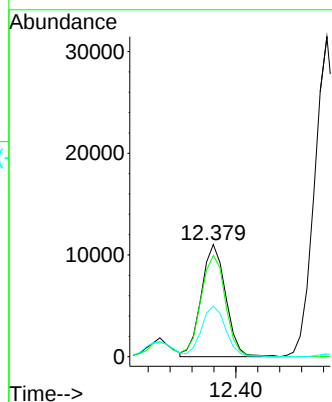
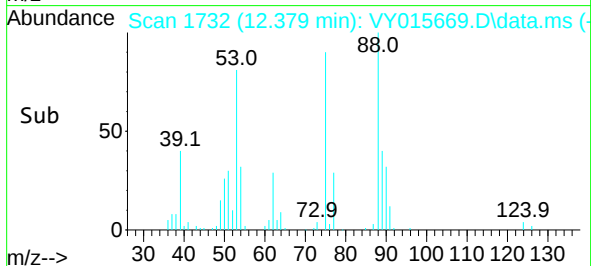
Instrument :
MSVOA_Y
ClientSampleId :
VY0921SBS01



Tgt Ion: 75 Resp: 1708
Ion Ratio Lower Upper
75 100
53 90.9 77.8 116.8
89 44.4 37.4 56.0

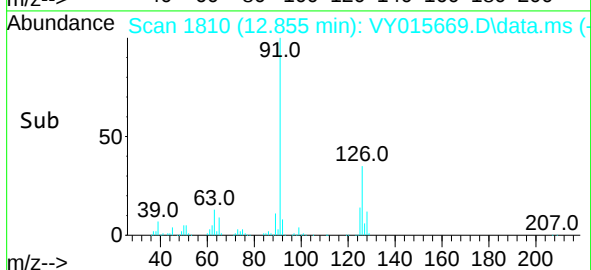
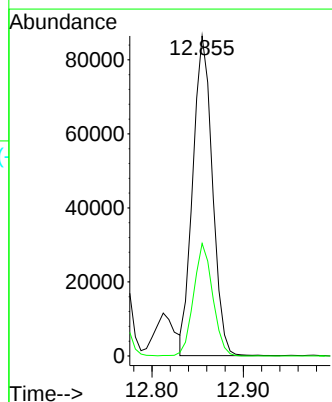
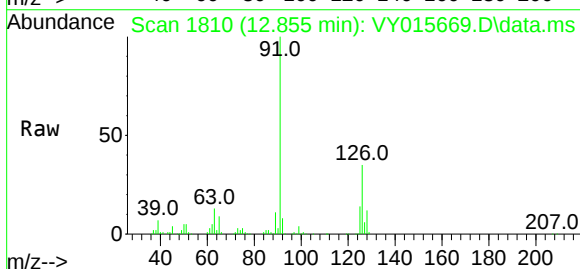
Manual Integrations
APPROVED

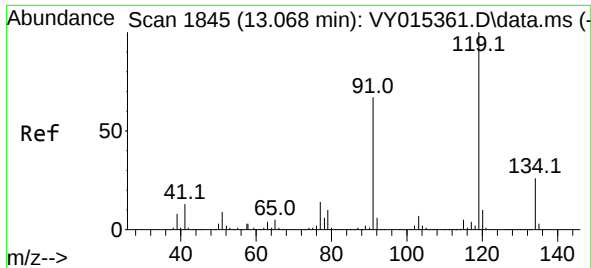
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#82
4-Chlorotoluene
Concen: 20.086 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

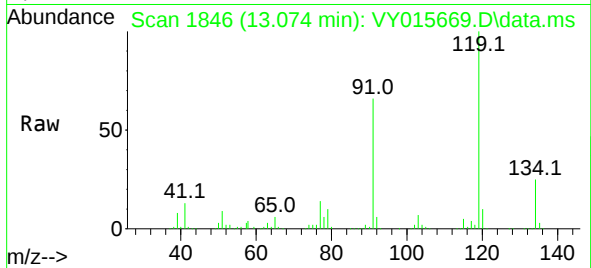
Tgt Ion: 91 Resp: 128521
Ion Ratio Lower Upper
91 100
126 34.4 17.2 51.6





#83
tert-Butylbenzene
Concen: 20.303 ug/l
RT: 13.074 min Scan# 1845
Delta R.T. -0.001 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

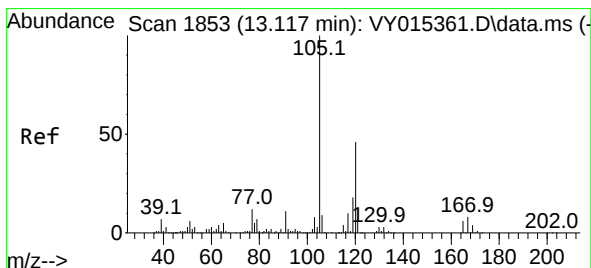
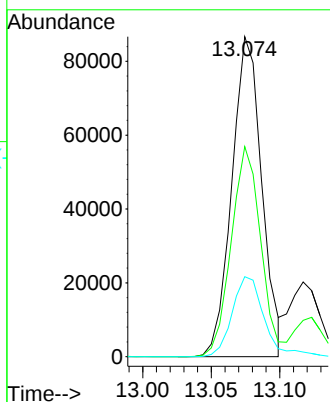
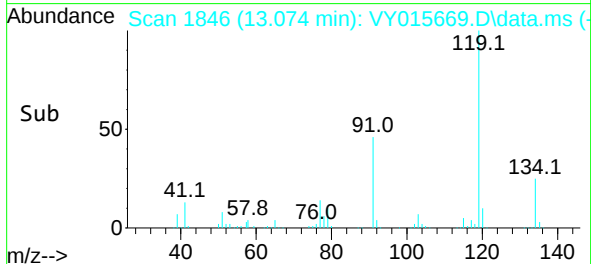
Instrument :
MSVOA_Y
ClientSampleId :
VY0921SBSD01



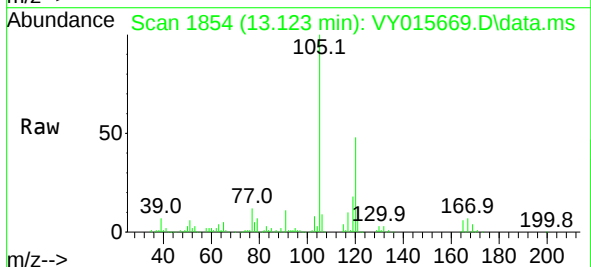
Tgt Ion:119 Resp: 131759
Ion Ratio Lower Upper
119 100
91 65.3 32.9 98.6
134 26.9 13.0 38.9

Manual Integrations
APPROVED

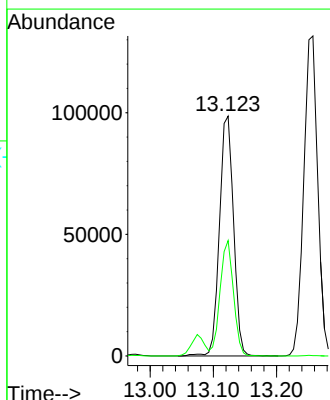
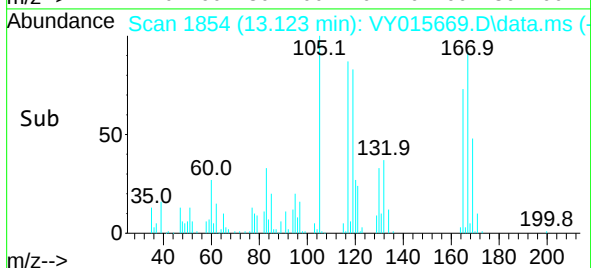
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023

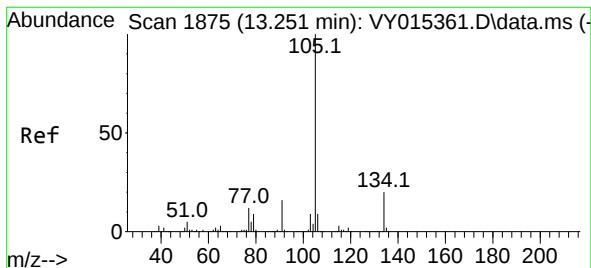


#84
1,2,4-Trimethylbenzene
Concen: 20.481 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38



Tgt Ion:105 Resp: 151844
Ion Ratio Lower Upper
105 100
120 45.7 22.2 66.6





#85

sec-Butylbenzene

Concen: 20.667 ug/l

RT: 13.257 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY015669.D

Acq: 21 Sep 2023 11:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0921SBSD01

Tgt Ion:105 Resp: 200714

Ion Ratio Lower Upper

105 100

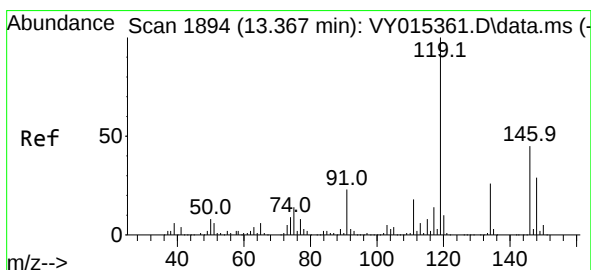
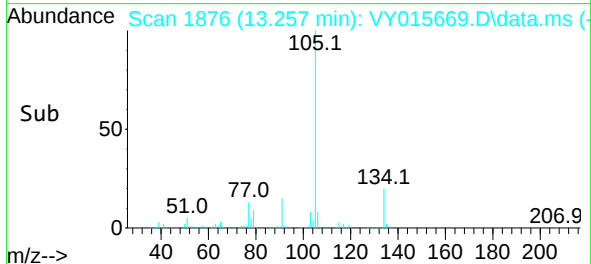
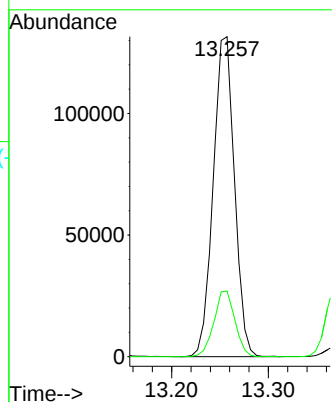
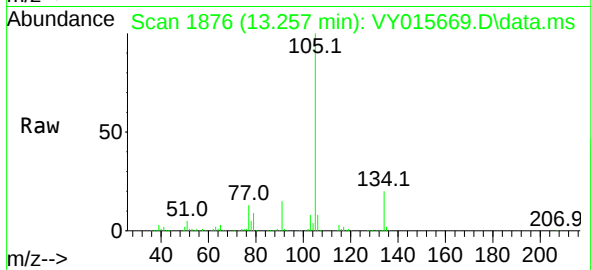
134 20.3 10.2 30.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#86

p-Isopropyltoluene

Concen: 20.465 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY015669.D

Acq: 21 Sep 2023 11:38

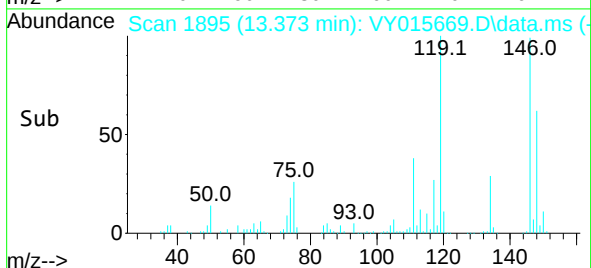
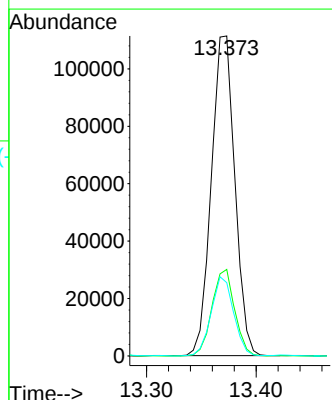
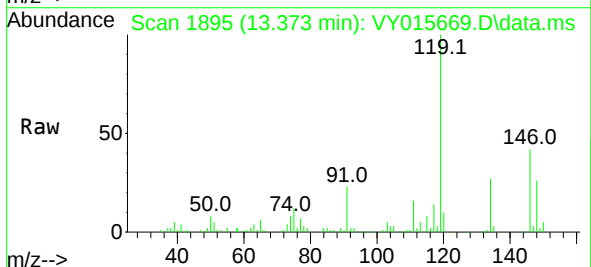
Tgt Ion:119 Resp: 166026

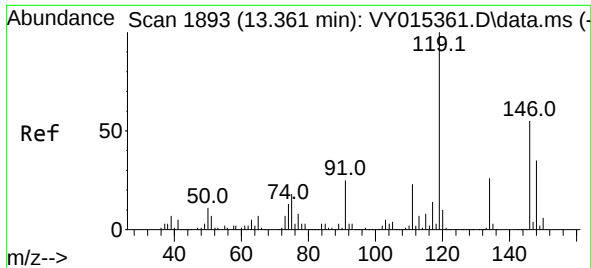
Ion Ratio Lower Upper

119 100

134 26.1 13.3 39.8

91 23.8 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 20.241 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015669.D

Acq: 21 Sep 2023 11:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0921SBS01

Tgt Ion:146 Resp: 8724

Ion Ratio Lower Upper

146 100

111 39.1 19.4 58.2

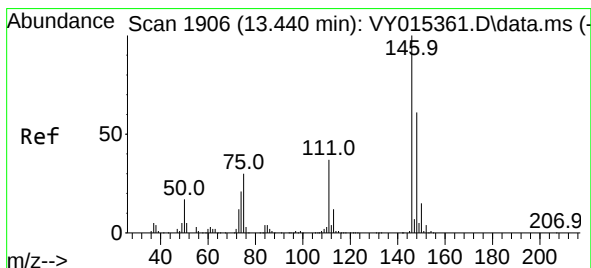
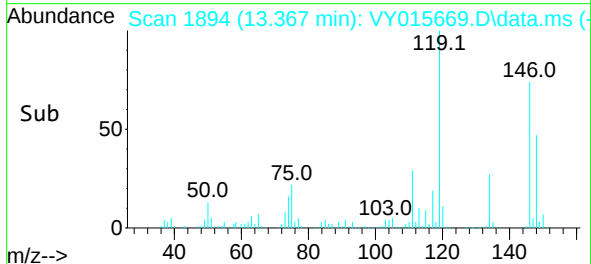
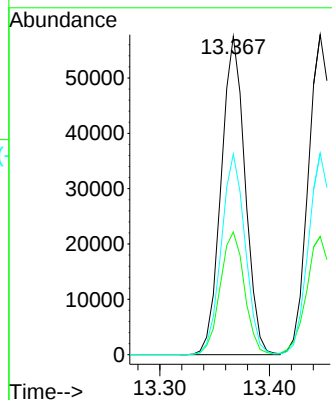
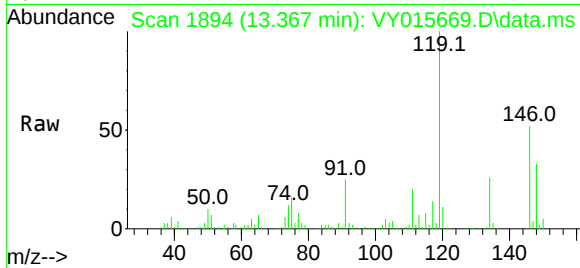
148 62.9 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#88

1,4-Dichlorobenzene

Concen: 20.529 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY015669.D

Acq: 21 Sep 2023 11:38

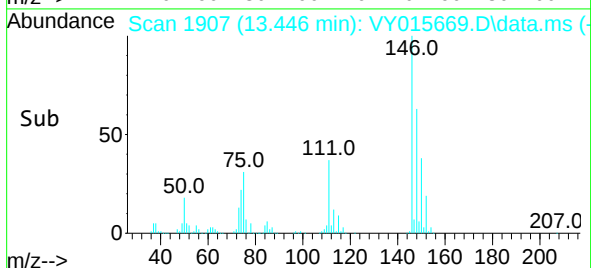
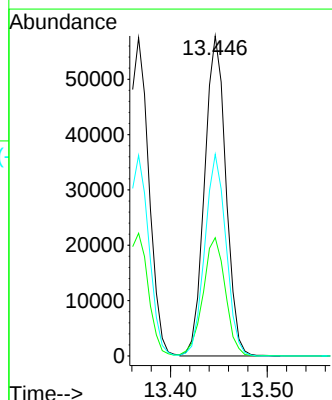
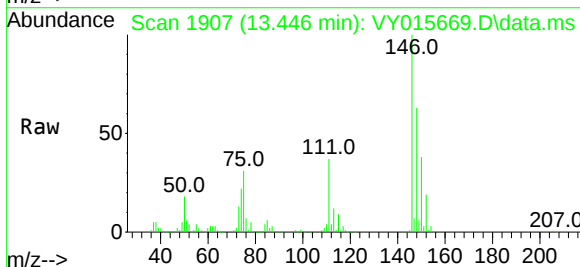
Tgt Ion:146 Resp: 88493

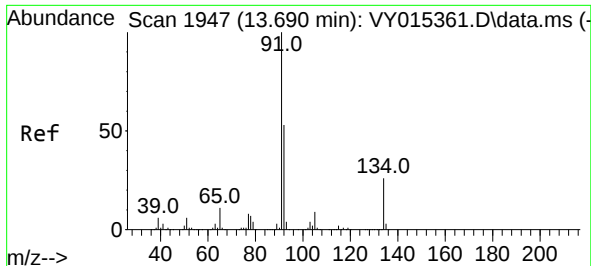
Ion Ratio Lower Upper

146 100

111 38.8 18.9 56.7

148 63.0 32.1 96.5





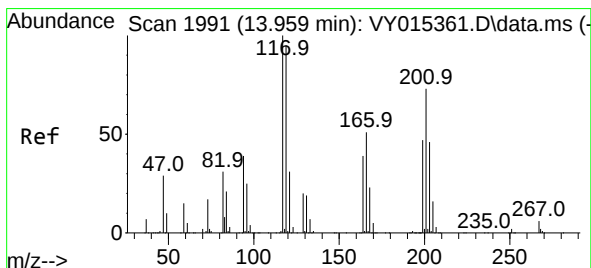
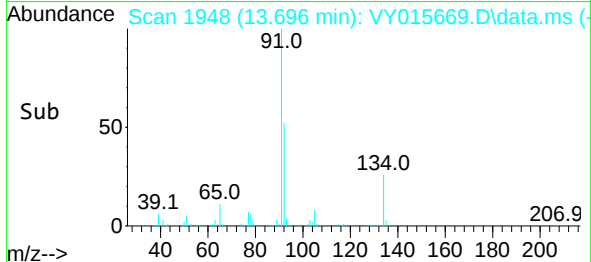
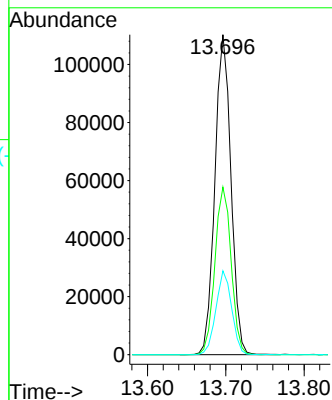
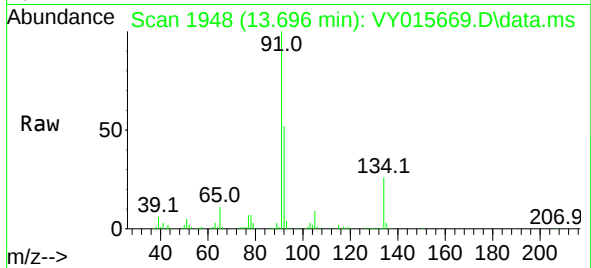
#89
n-Butylbenzene
Concen: 20.469 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0921SBSD01

Tgt Ion: 91 Resp: 15724
Ion Ratio Lower Upper
91 100
92 53.0 25.4 76.0
134 25.7 12.6 37.6

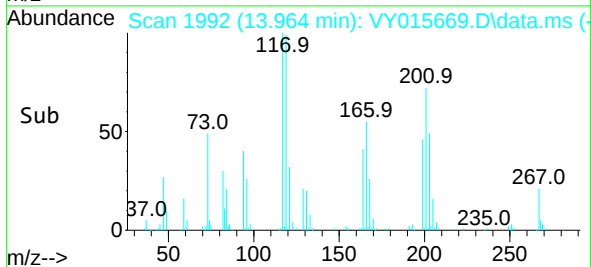
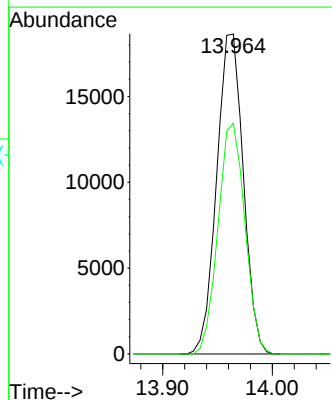
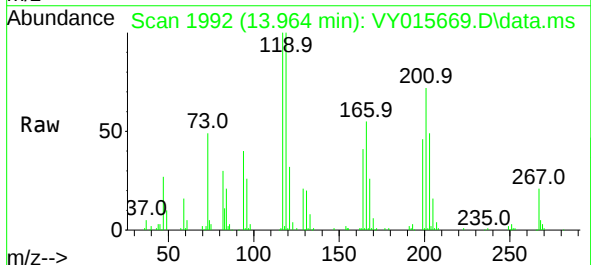
Manual Integrations
APPROVED

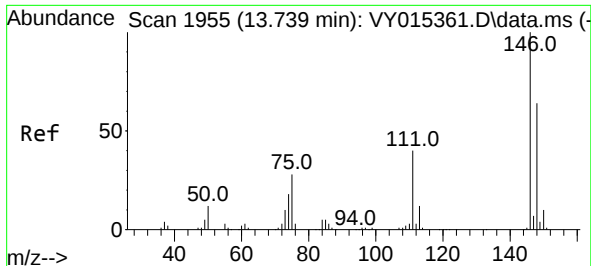
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#90
Hexachloroethane
Concen: 20.114 ug/l
RT: 13.964 min Scan# 1992
Delta R.T. 0.005 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

Tgt Ion:117 Resp: 31492
Ion Ratio Lower Upper
117 100
201 72.7 41.6 124.8





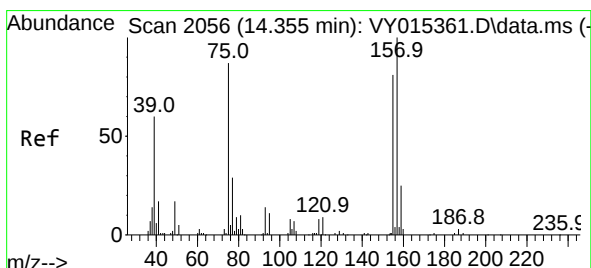
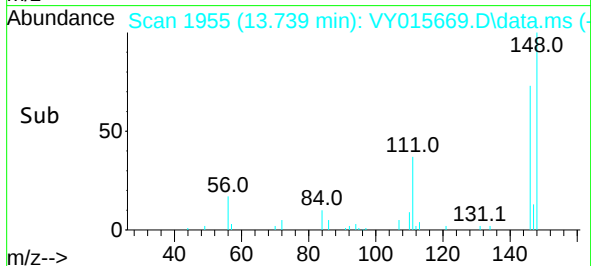
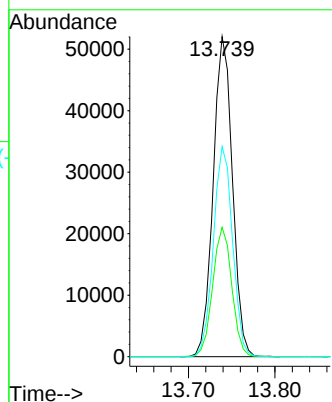
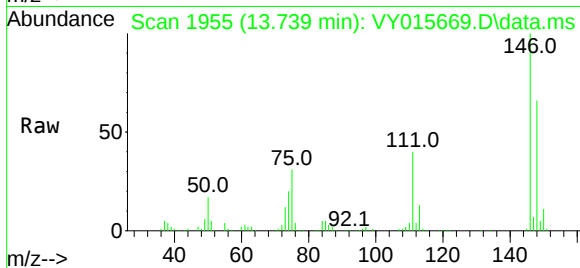
#91
1,2-Dichlorobenzene
Concen: 20.218 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0921SBSD01

Tgt Ion:146 Resp: 8044
Ion Ratio Lower Upper
146 100
111 40.1 19.7 59.0
148 65.5 32.0 96.2

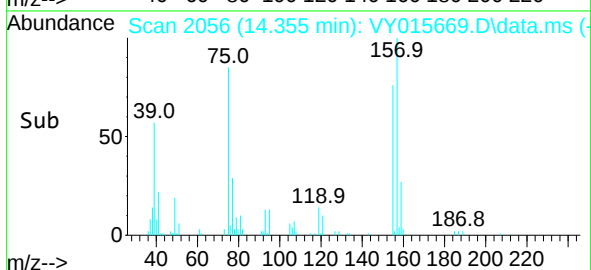
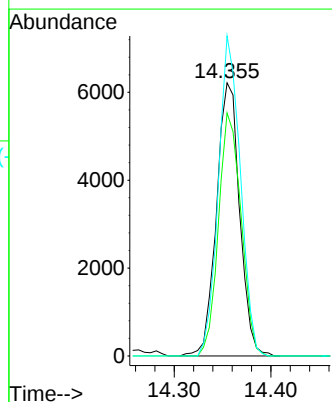
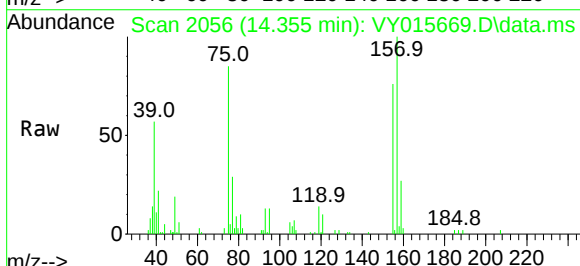
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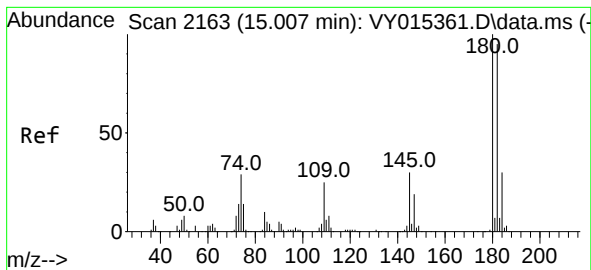
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.082 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

Tgt Ion: 75 Resp: 10314
Ion Ratio Lower Upper
75 100
155 86.6 41.5 124.6
157 111.1 51.8 155.5





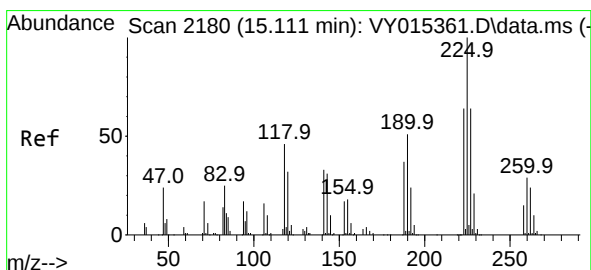
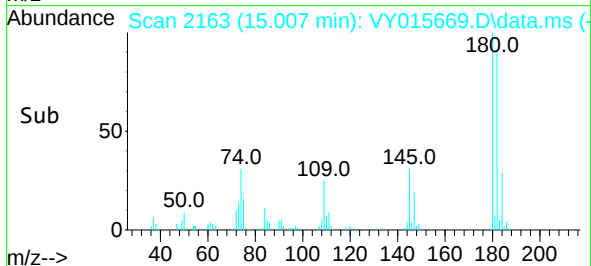
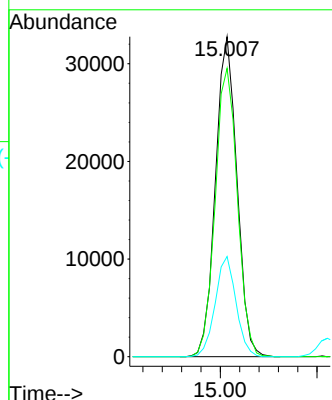
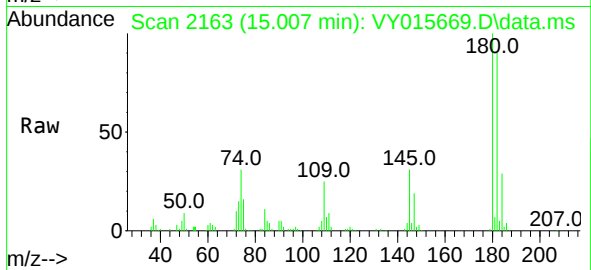
#93
1,2,4-Trichlorobenzene
Concen: 20.164 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.006 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0921SBS01

Tgt Ion:180 Resp: 5050
Ion Ratio Lower Upper
180 100
182 93.0 47.0 141.2
145 30.4 14.5 43.5

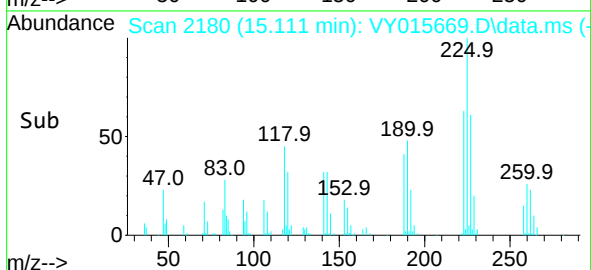
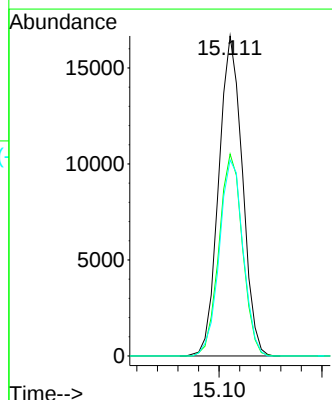
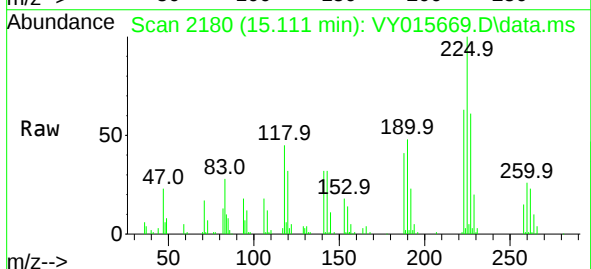
Manual Integrations
APPROVED

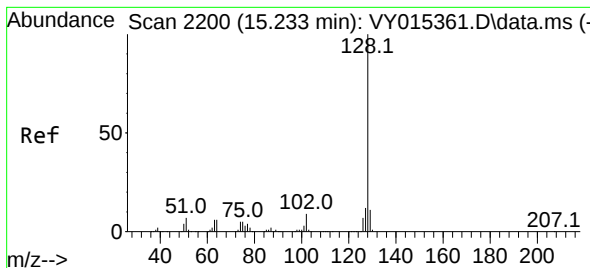
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#94
Hexachlorobutadiene
Concen: 20.718 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

Tgt Ion:225 Resp: 26575
Ion Ratio Lower Upper
225 100
223 62.5 31.9 95.9
227 61.4 33.0 98.9





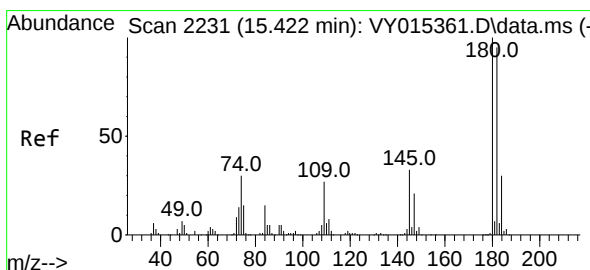
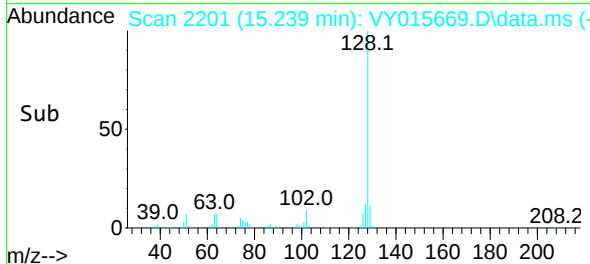
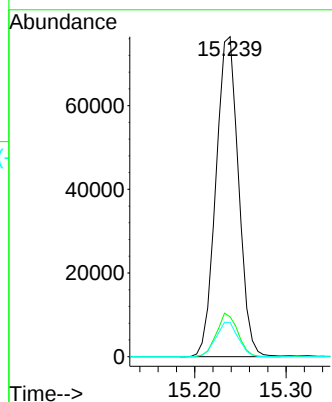
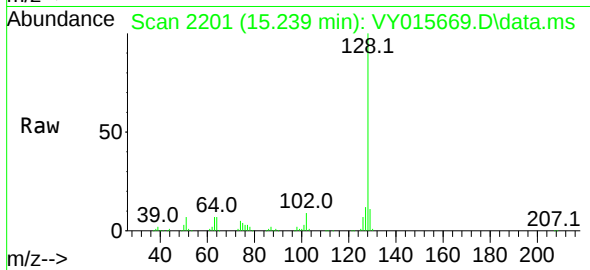
#95
Naphthalene
Concen: 20.123 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0921SBS01

Tgt Ion:128 Resp: 13143
Ion Ratio Lower Upper
128 100
127 12.9 10.8 16.2
129 10.7 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#96
1,2,3-Trichlorobenzene
Concen: 19.969 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

Tgt Ion:180 Resp: 46166
Ion Ratio Lower Upper
180 100
182 96.9 47.3 141.8
145 32.7 15.4 46.2

