

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092623\
 Data File : VY015708.D
 Acq On : 26 Sep 2023 14:03
 Operator : SY/MD
 Sample : VY0926SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0926SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/27/2023
 Supervised By : Mahesh Dadoda 09/27/2023

Quant Time: Sep 27 01:31:52 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	7.795	168	160212	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	263870	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	239283	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	126009	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	99928	56.688	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.380%			
35) Dibromofluoromethane	7.722	113	89478	56.655	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.300%			
50) Toluene-d8	10.185	98	323881	60.482	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 120.960%			
62) 4-Bromofluorobenzene	12.483	95	117260	55.798	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 111.600%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	19823	18.771	ug/l	98
3) Chloromethane	2.113	50	23258	17.457	ug/l	93
4) Vinyl Chloride	2.253	62	27941	18.342	ug/l	96
5) Bromomethane	2.650	94	19237	15.091	ug/l	100
6) Chloroethane	2.790	64	17029	15.082	ug/l	97
7) Trichlorofluoromethane	3.119	101	53388	20.898	ug/l	96
8) Diethyl Ether	3.534	74	21092	19.361	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.899	101	32187	20.123	ug/l	94
10) Methyl Iodide	4.088	142	28033	16.819	ug/l	96
11) Tert butyl alcohol	5.021	59	53242m	126.100	ug/l	
12) 1,1-Dichloroethene	3.875	96	26289	18.651	ug/l	89
13) Acrolein	3.741	56	27028	100.116	ug/l	100
14) Allyl chloride	4.485	41	48770	18.925	ug/l	94
15) Acrylonitrile	5.180	53	95717	119.767	ug/l	99
16) Acetone	3.972	43	126967	134.590	ug/l	92
17) Carbon Disulfide	4.192	76	43007	15.706	ug/l	97
18) Methyl Acetate	4.491	43	72197	22.810	ug/l	94
19) Methyl tert-butyl Ether	5.234	73	115746	20.163	ug/l	99
20) Methylene Chloride	4.716	84	63370	28.602	ug/l	93
21) trans-1,2-Dichloroethene	5.222	96	30473	18.915	ug/l	99
22) Diisopropyl ether	6.131	45	120076	19.361	ug/l	96
23) Vinyl Acetate	6.070	43	394644	103.093	ug/l #	95
24) 1,1-Dichloroethane	6.021	63	64521	19.087	ug/l	98
25) 2-Butanone	7.002	43	172270	129.195	ug/l	99
26) 2,2-Dichloropropane	6.990	77	59986	19.415	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	40538	18.954	ug/l	99
28) Bromochloromethane	7.338	49	15136	16.503	ug/l	99
29) Tetrahydrofuran	7.362	42	95358	126.527	ug/l	94
30) Chloroform	7.508	83	69743	19.265	ug/l	100
31) Cyclohexane	7.795	56	44850	18.366	ug/l	96
32) 1,1,1-Trichloroethane	7.710	97	59324	19.851	ug/l	99
36) 1,1-Dichloropropene	7.923	75	45280	19.390	ug/l	98
37) Ethyl Acetate	7.082	43	61955	26.599	ug/l	98
38) Carbon Tetrachloride	7.911	117	49638	19.583	ug/l	97
39) Methylcyclohexane	9.191	83	49147	19.028	ug/l	93
40) Benzene	8.167	78	139058	19.527	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	26825	21.389	ug/l #	91
42) 1,2-Dichloroethane	8.240	62	49032	20.104	ug/l	95
43) Isopropyl Acetate	8.283	43	89191	22.416	ug/l	98
44) Trichloroethene	8.947	130	40986	20.606	ug/l	98
45) 1,2-Dichloropropane	9.222	63	39276	19.777	ug/l	96
46) Dibromomethane	9.307	93	25523	20.092	ug/l	97
47) Bromodichloromethane	9.502	83	56376	19.910	ug/l	100
48) Methyl methacrylate	9.301	41	38474	22.030	ug/l	89
49) 1,4-Dioxane	9.331	88	15962	636.025	ug/l #	49
51) 4-Methyl-2-Pentanone	10.075	43	305383	123.831	ug/l	94
52) Toluene	10.246	92	91242	19.874	ug/l	93
53) t-1,3-Dichloropropene	10.471	75	60086	19.788	ug/l	97
54) cis-1,3-Dichloropropene	9.935	75	64355	19.689	ug/l #	89
55) 1,1,2-Trichloroethane	10.648	97	39949	21.459	ug/l	95
56) Ethyl methacrylate	10.514	69	57619	21.002	ug/l	90
57) 1,3-Dichloropropane	10.794	76	64413	20.633	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	88145	101.148	ug/l	96
59) 2-Hexanone	10.837	43	249901	132.080	ug/l	91
60) Dibromochloromethane	10.983	129	45087	20.747	ug/l	99
61) 1,2-Dibromoethane	11.093	107	37979	20.853	ug/l	99
64) Tetrachloroethene	10.721	164	44464	21.658	ug/l	95
65) Chlorobenzene	11.520	112	104482	20.004	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	40555	19.989	ug/l	98
67) Ethyl Benzene	11.593	91	181392	19.869	ug/l	99
68) m/p-Xylenes	11.703	106	139277	40.138	ug/l	96
69) o-Xylene	12.032	106	68326	20.081	ug/l	97
70) Styrene	12.044	104	117389	20.156	ug/l	97
71) Bromoform	12.209	173	31904	21.700	ug/l #	98
73) Isopropylbenzene	12.331	105	184642	19.533	ug/l	99
74) N-amyl acetate	12.148	43	76255	21.463	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	55369	21.046	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	47996m	23.875	ug/l	
77) Bromobenzene	12.611	156	44045	18.982	ug/l	90
78) n-propylbenzene	12.672	91	225777	19.660	ug/l	100
79) 2-Chlorotoluene	12.757	91	125891	19.232	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	154545	19.529	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	19440	21.777	ug/l	96
82) 4-Chlorotoluene	12.855	91	129779	18.991	ug/l	99
83) tert-Butylbenzene	13.075	119	136411	19.681	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	155757	19.671	ug/l	98
85) sec-Butylbenzene	13.257	105	206052	19.865	ug/l	100
86) p-Isopropyltoluene	13.373	119	171190	19.758	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	90551	19.671	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	91009	19.768	ug/l	98
89) n-Butylbenzene	13.696	91	164673	20.071	ug/l	99
90) Hexachloroethane	13.958	117	32511	19.442	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	84642	19.919	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	12874	24.639	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	54057	20.207	ug/l	99
94) Hexachlorobutadiene	15.111	225	27057	19.750	ug/l	97
95) Naphthalene	15.239	128	153919	22.065	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	49893	20.206	ug/l	98

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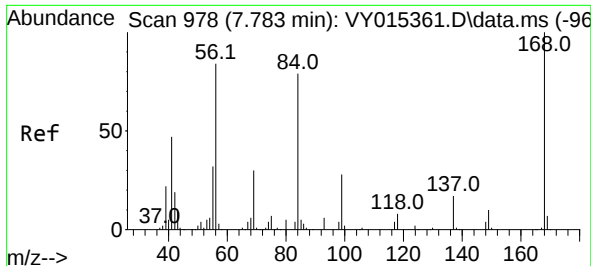
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Quant Title : SW846 8260
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Response via : Initial Calibration

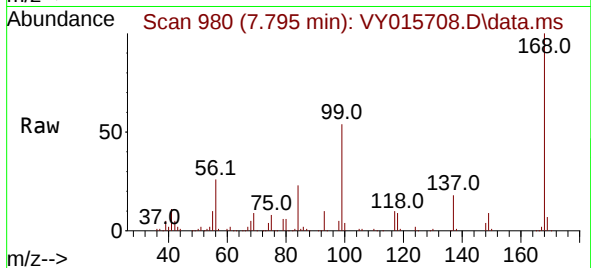
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
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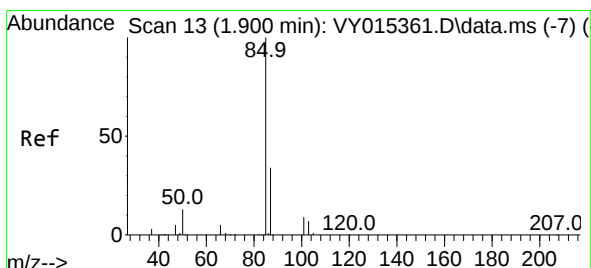
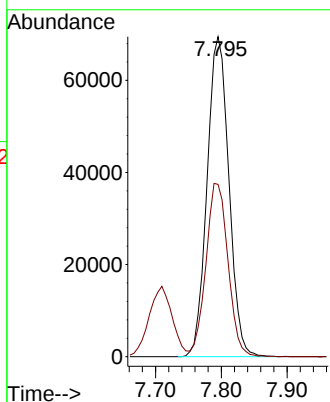
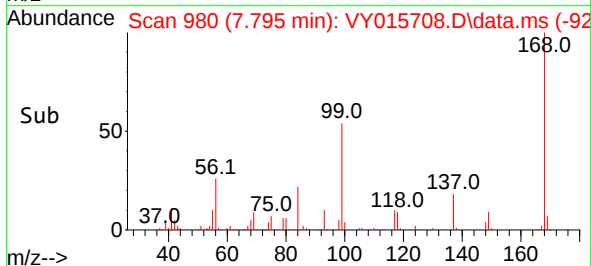
Instrument :
MSVOA_Y
ClientSampleId :
VY0926SBSD01



Tgt Ion:168 Resp: 16021
Ion Ratio Lower Upper
168 100
99 53.8 43.4 65.0

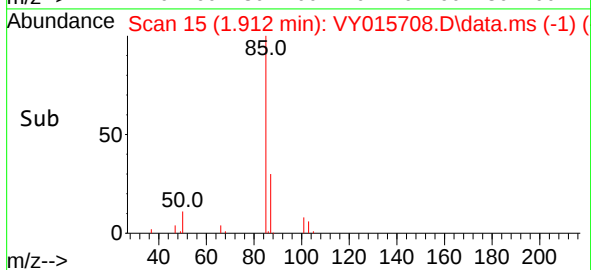
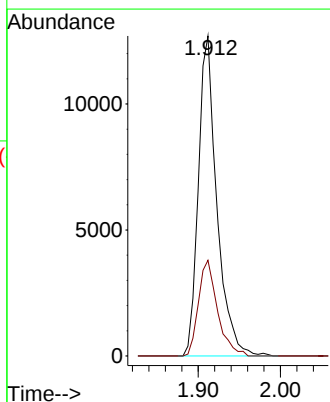
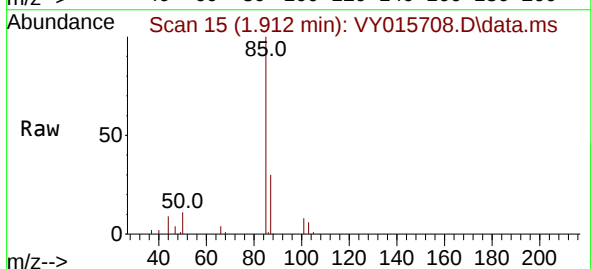
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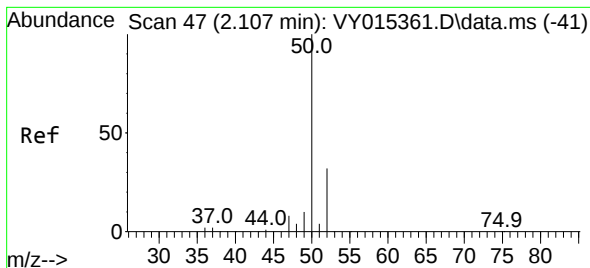
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#2
Dichlorodifluoromethane
Concen: 18.771 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.012 min
Lab File: VY015708.D
Acq: 26 Sep 2023 14:03

Tgt Ion: 85 Resp: 19823
Ion Ratio Lower Upper
85 100
87 29.9 15.6 46.8





#3

Chloromethane

Concen: 17.457 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY015708.D

Acq: 26 Sep 2023 14:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0926SBS01

Tgt Ion: 50 Resp: 23258

Ion Ratio Lower Upper

50 100

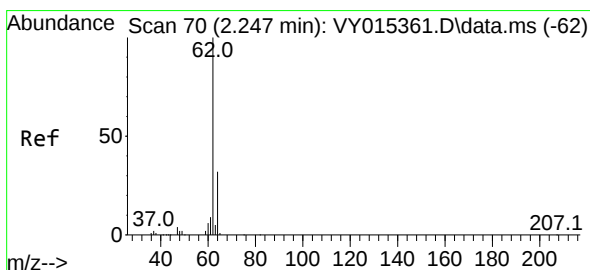
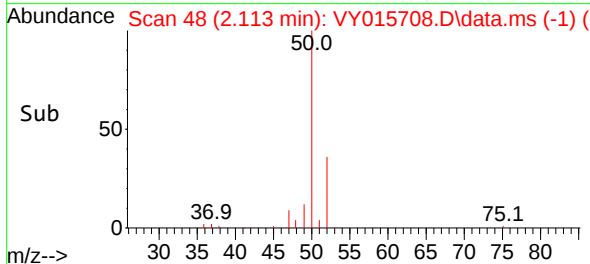
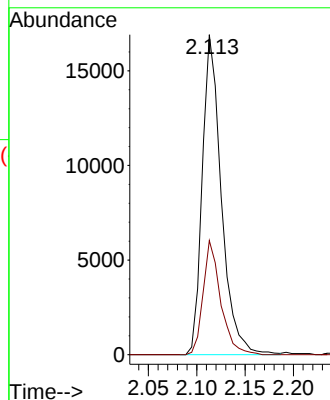
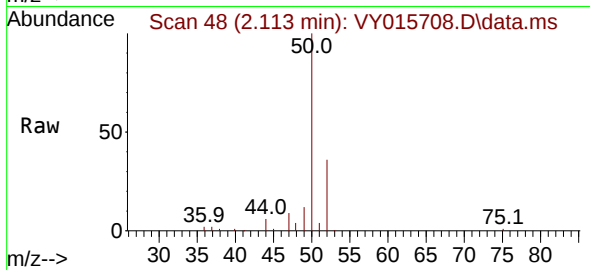
52 35.6 25.4 38.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.342 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.012 min

Lab File: VY015708.D

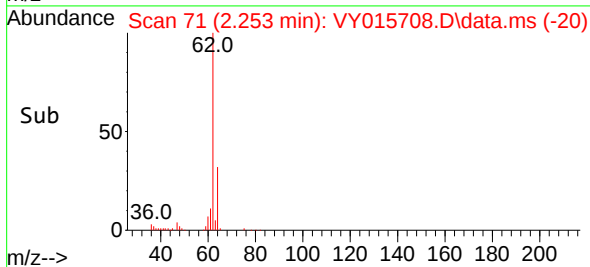
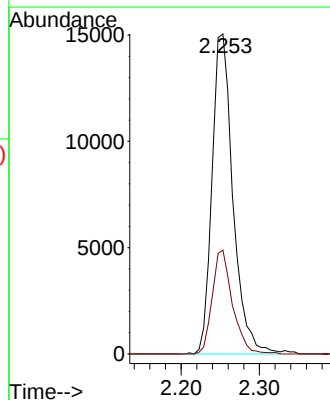
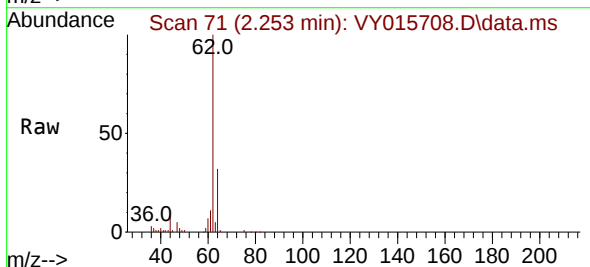
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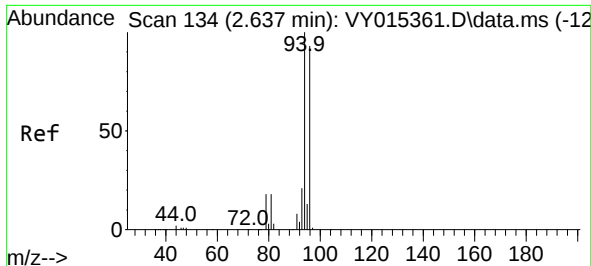
Tgt Ion: 62 Resp: 27941

Ion Ratio Lower Upper

62 100

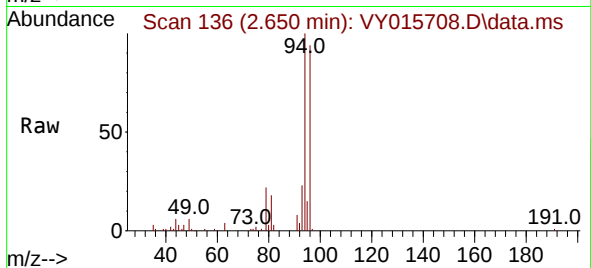
64 32.4 24.3 36.5





#5
Bromomethane
Concen: 15.091 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY015708.D
Acq: 26 Sep 2023 14:03

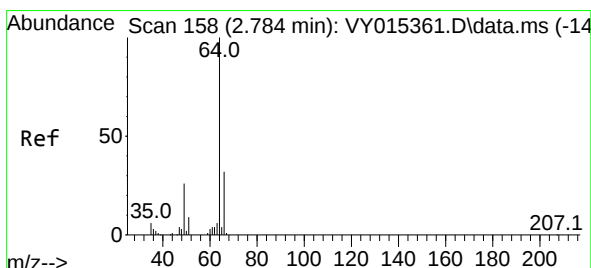
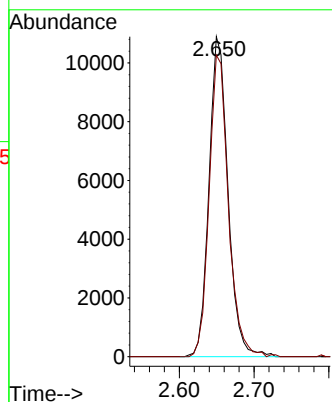
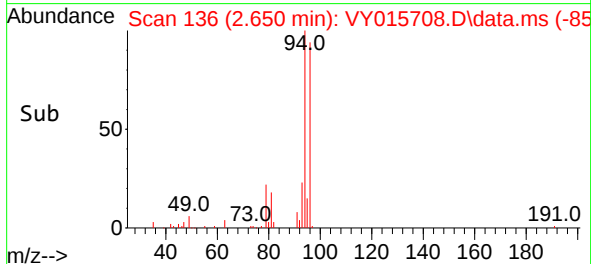
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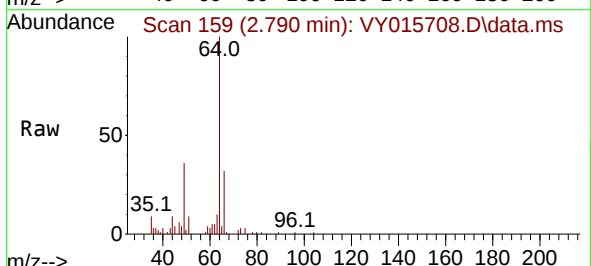
Tgt Ion: 94 Resp: 1923
Ion Ratio Lower Upper
94 100
96 94.3 75.8 113.6

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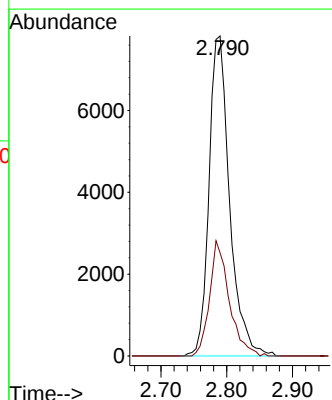
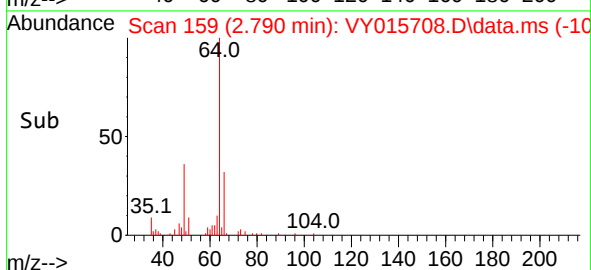
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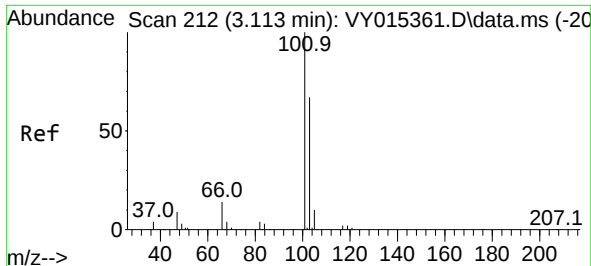


#6
Chloroethane
Concen: 15.082 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.006 min
Lab File: VY015708.D
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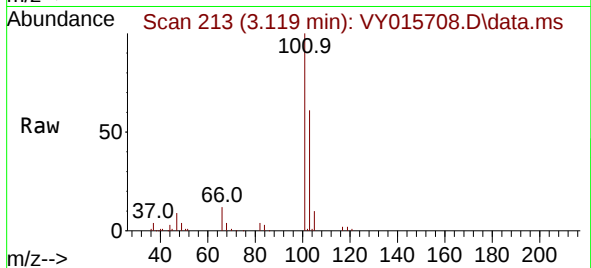
Tgt Ion: 64 Resp: 17029
Ion Ratio Lower Upper
64 100
66 32.2 24.4 36.6





#7
 Trichlorofluoromethane
 Concen: 20.898 ug/l
 RT: 3.119 min Scan# 211
 Delta R.T. 0.006 min
 Lab File: VY015708.D
 Acq: 26 Sep 2023 14:03

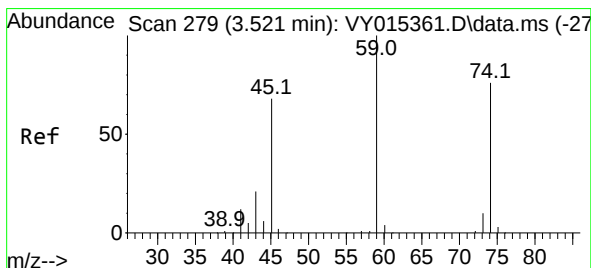
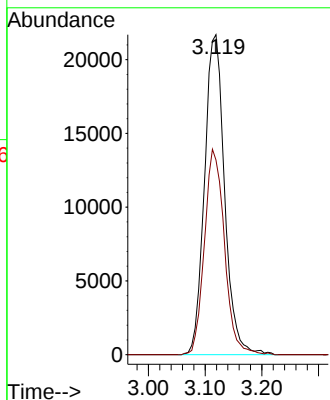
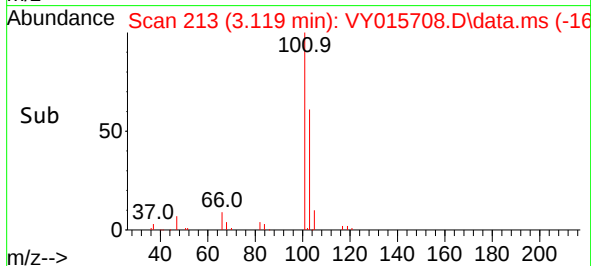
Instrument :
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 VY0926SBSD01



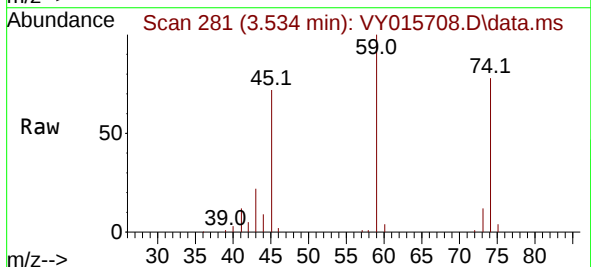
Tgt Ion:101 Resp: 5338
 Ion Ratio Lower Upper
 101 100
 103 60.9 51.4 77.0

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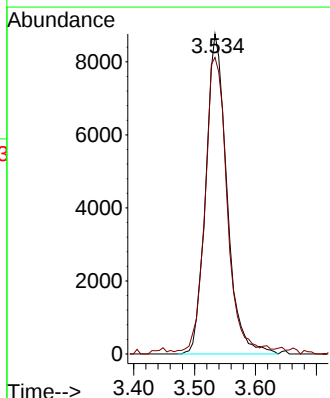
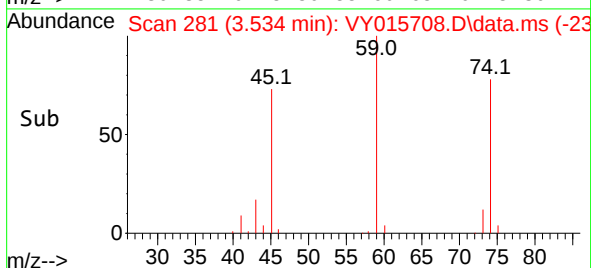
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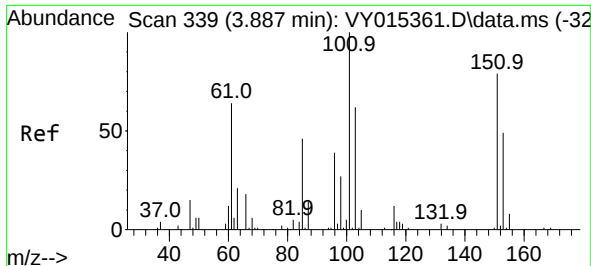


#8
 Diethyl Ether
 Concen: 19.361 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.013 min
 Lab File: VY015708.D
 Acq: 26 Sep 2023 14:03



Tgt Ion: 74 Resp: 21092
 Ion Ratio Lower Upper
 74 100
 45 95.4 51.5 154.5





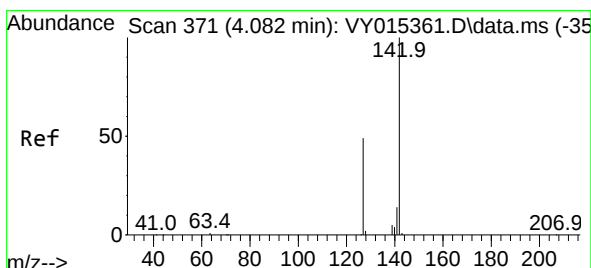
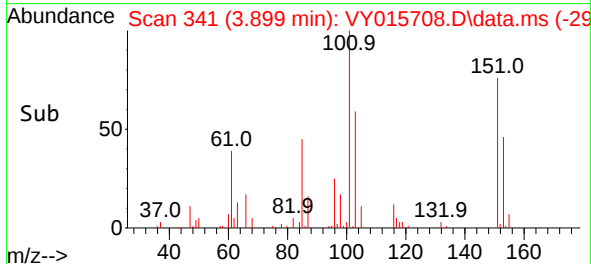
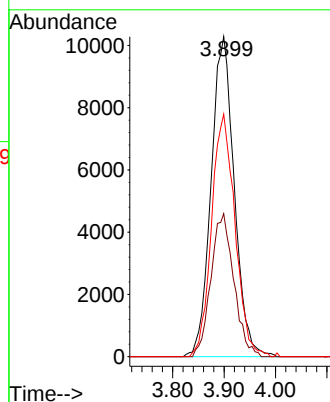
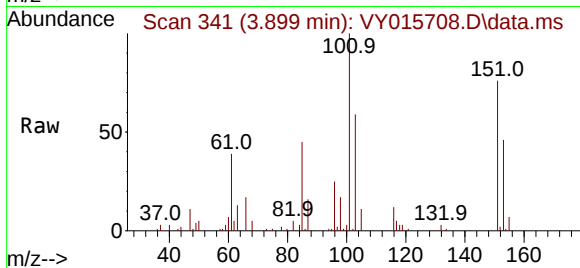
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.123 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY015708.D
Acq: 26 Sep 2023 14:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0926SBS01

Tgt Ion:101 Resp: 3218
Ion Ratio Lower Upper
101 100
85 44.1 36.6 55.0
151 76.7 67.0 100.6

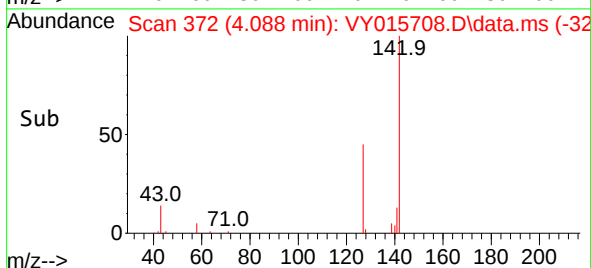
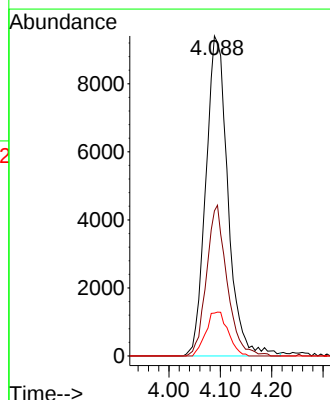
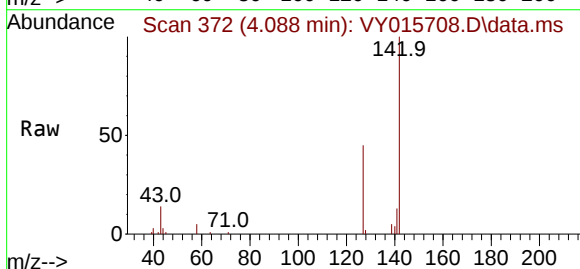
Manual Integrations
APPROVED

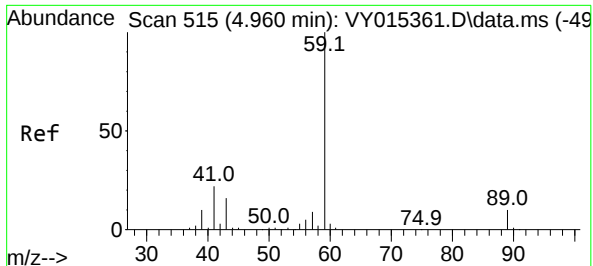
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#10
Methyl Iodide
Concen: 16.819 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY015708.D
Acq: 26 Sep 2023 14:03

Tgt Ion:142 Resp: 28033
Ion Ratio Lower Upper
142 100
127 43.9 37.6 56.4
141 13.8 11.8 17.8





#11

Tert butyl alcohol

Concen: 126.100 ug/l m

RT: 5.021 min Scan# 51

Delta R.T. 0.067 min

Lab File: VY015708.D

Acq: 26 Sep 2023 14:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0926SBS01

Tgt Ion: 59 Resp: 5324

Ion Ratio Lower Upper

59 100

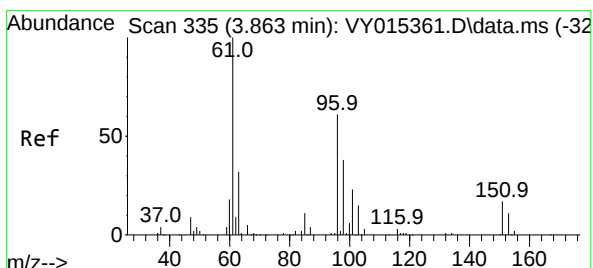
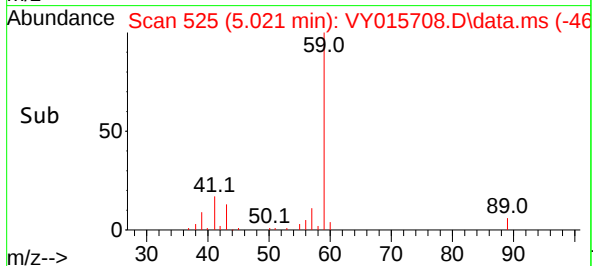
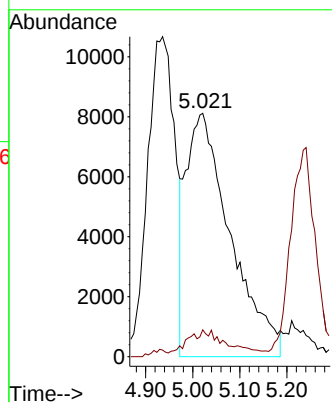
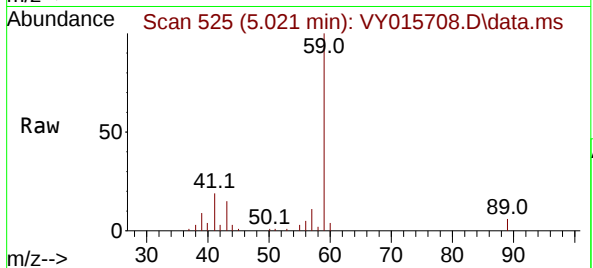
57 0.9 3.0 4.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/27/2023

Supervised By :Mahesh Dadoda 09/27/2023



#12

1,1-Dichloroethene

Concen: 18.651 ug/l

RT: 3.875 min Scan# 337

Delta R.T. 0.012 min

Lab File: VY015708.D

Acq: 26 Sep 2023 14:03

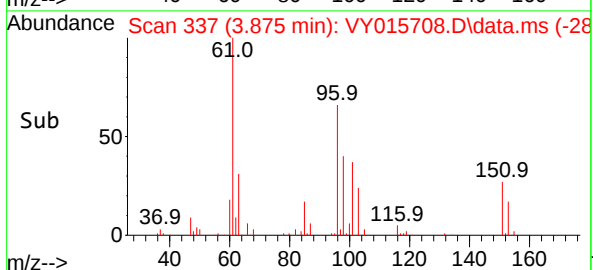
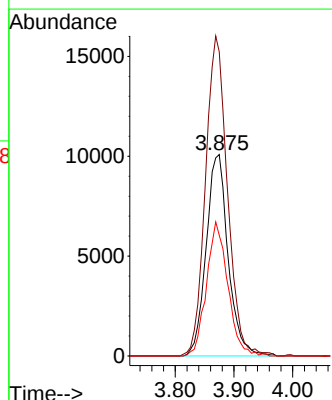
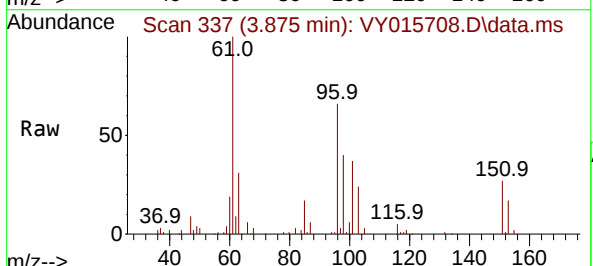
Tgt Ion: 96 Resp: 26289

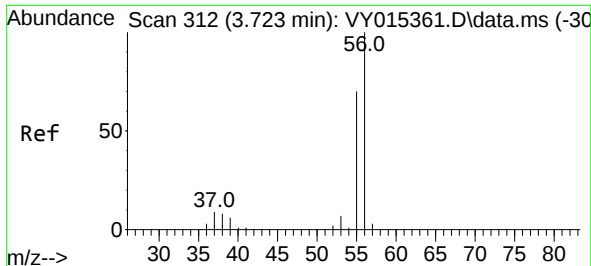
Ion Ratio Lower Upper

96 100

61 151.0 136.4 204.6

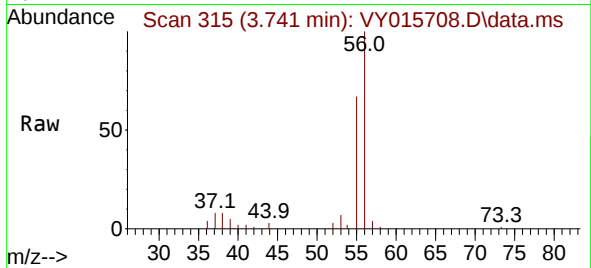
98 59.9 49.4 74.2





#13
Acrolein
Concen: 100.116 ug/l
RT: 3.741 min Scan# 312
Delta R.T. 0.018 min
Lab File: VY015708.D
Acq: 26 Sep 2023 14:03

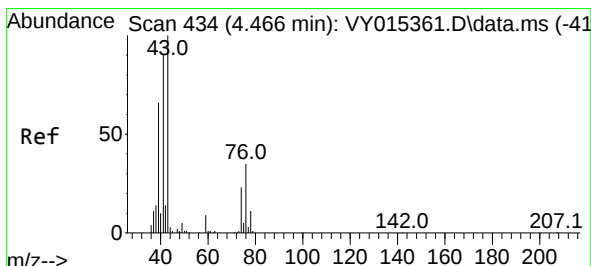
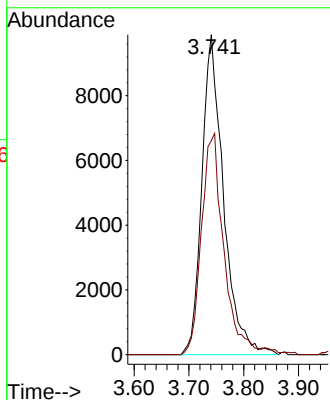
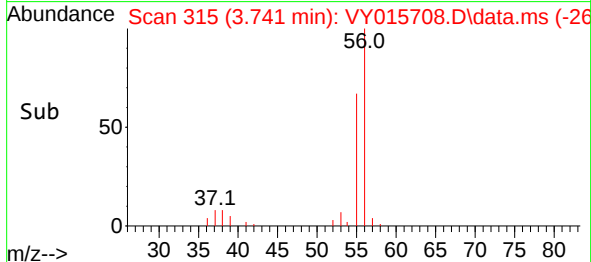
Instrument :
MSVOA_Y
ClientSampleId :
VY0926SBS01



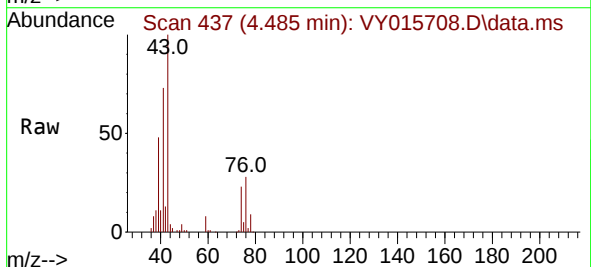
Tgt Ion: 56 Resp: 27028
Ion Ratio Lower Upper
56 100
55 70.9 57.0 85.4

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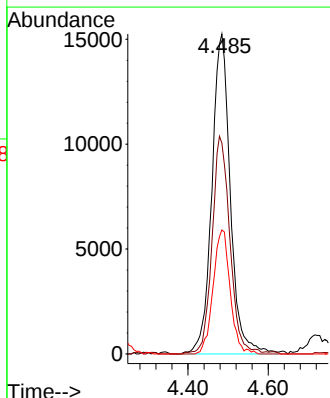
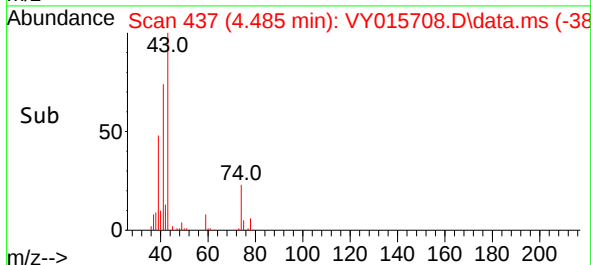
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023

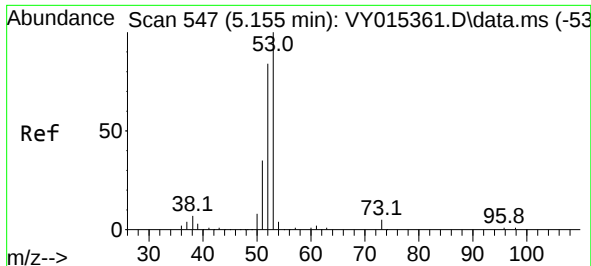


#14
Allyl chloride
Concen: 18.925 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.013 min
Lab File: VY015708.D
Acq: 26 Sep 2023 14:03



Tgt Ion: 41 Resp: 48770
Ion Ratio Lower Upper
41 100
39 65.6 58.0 87.0
76 35.8 27.4 41.2





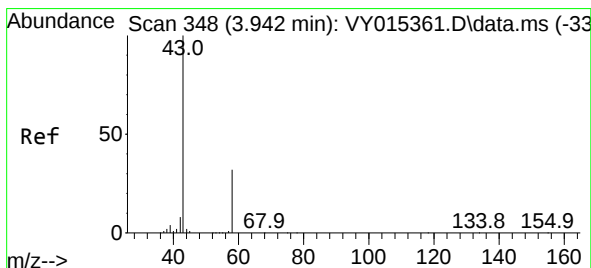
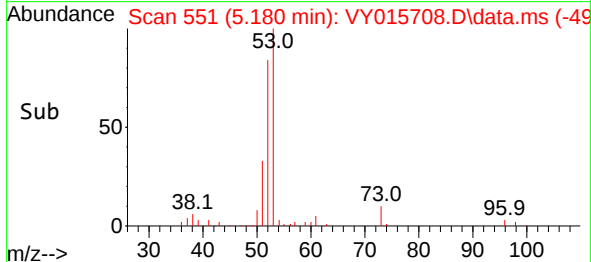
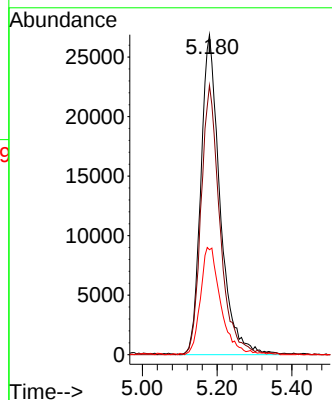
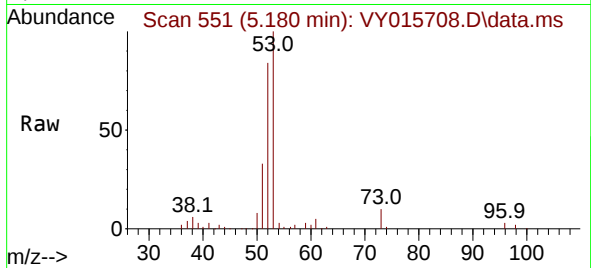
#15
Acrylonitrile
Concen: 119.767 ug/l
RT: 5.180 min Scan# 51
Delta R.T. 0.019 min
Lab File: VY015708.D
Acq: 26 Sep 2023 14:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0926SBS01

Tgt Ion: 53 Resp: 9571
Ion Ratio Lower Upper
53 100
52 83.0 66.9 100.3
51 35.5 29.8 44.6

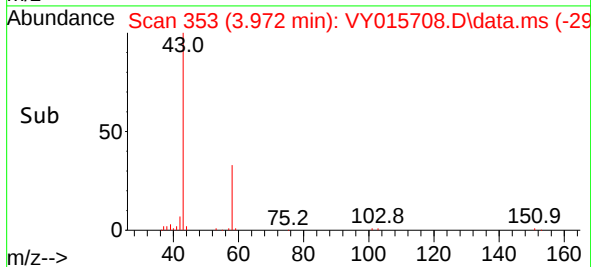
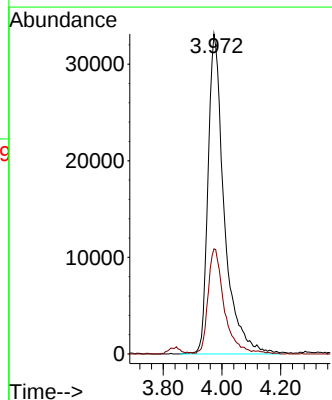
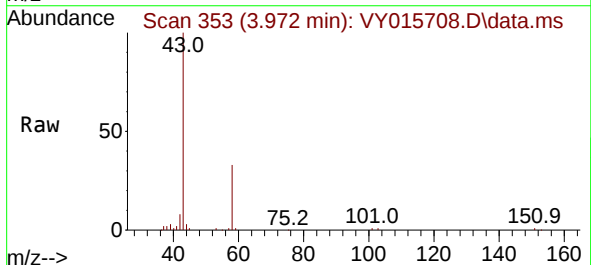
Manual Integrations
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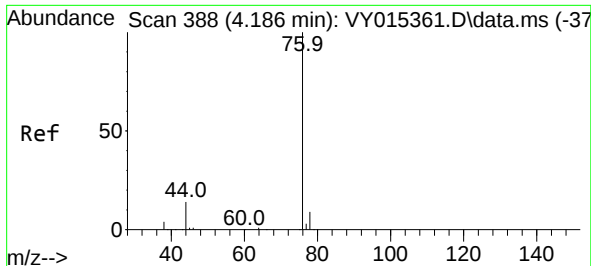
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#16
Acetone
Concen: 134.590 ug/l
RT: 3.972 min Scan# 353
Delta R.T. 0.030 min
Lab File: VY015708.D
Acq: 26 Sep 2023 14:03

Tgt Ion: 43 Resp: 126967
Ion Ratio Lower Upper
43 100
58 32.9 22.7 34.1





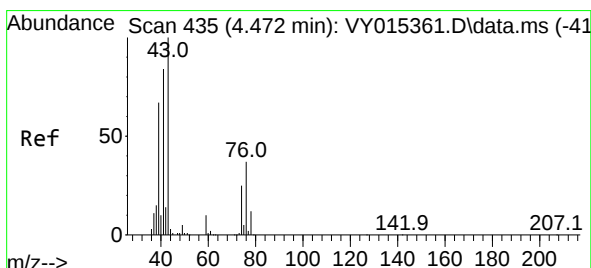
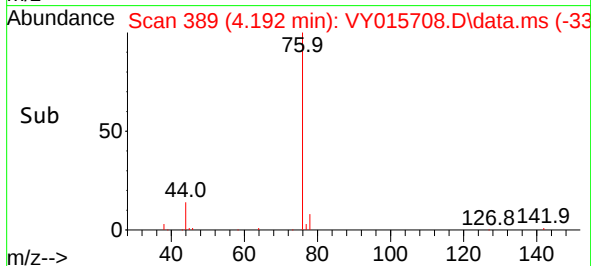
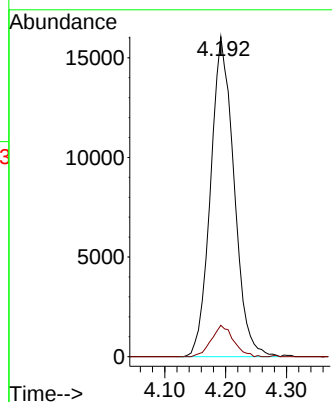
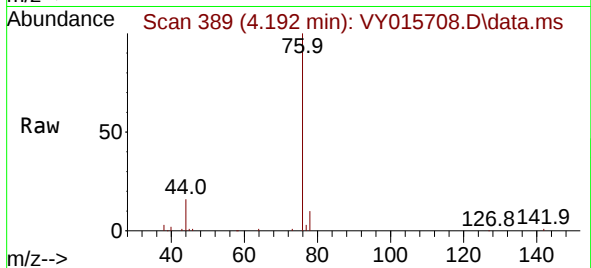
#17
Carbon Disulfide
Concen: 15.706 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY015708.D
Acq: 26 Sep 2023 14:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0926SBSD01

Tgt Ion: 76 Resp: 4300
Ion Ratio Lower Upper
76 100
78 9.8 7.0 10.4

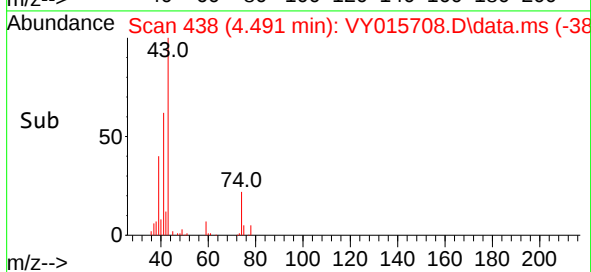
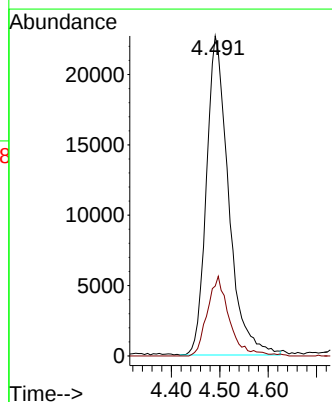
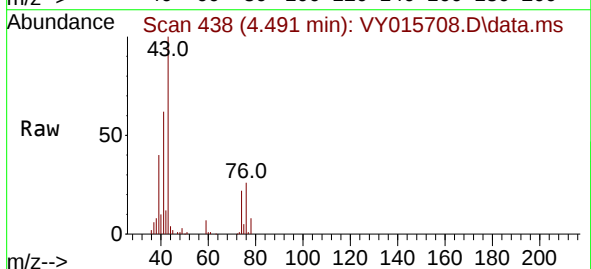
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#18
Methyl Acetate
Concen: 22.810 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.019 min
Lab File: VY015708.D
Acq: 26 Sep 2023 14:03

Tgt Ion: 43 Resp: 72197
Ion Ratio Lower Upper
43 100
74 24.6 17.4 26.0





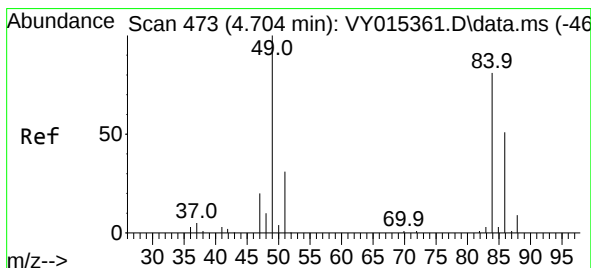
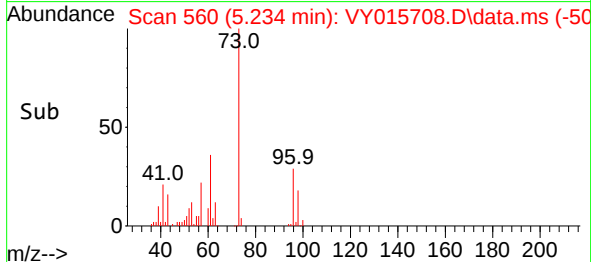
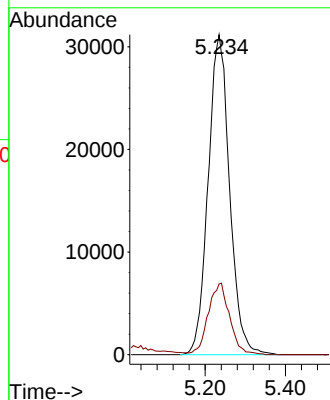
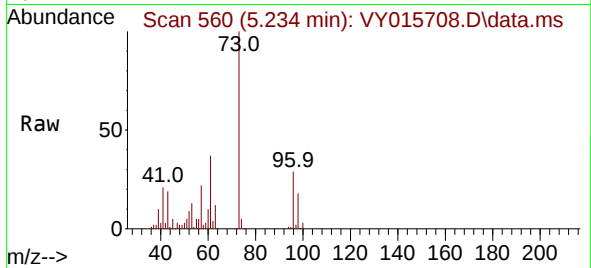
#19
Methyl tert-butyl Ether
Concen: 20.163 ug/l
RT: 5.234 min Scan# 50
Delta R.T. 0.024 min
Lab File: VY015708.D
Acq: 26 Sep 2023 14:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0926SBS01

Tgt Ion: 73 Resp: 115740
Ion Ratio Lower Upper
73 100
57 22.1 17.3 25.9

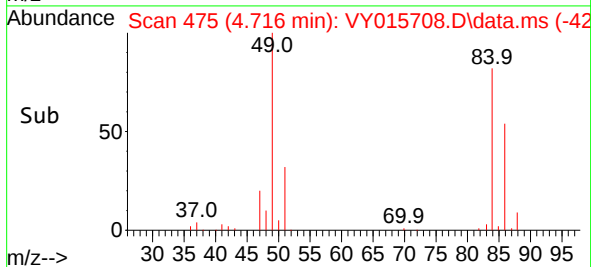
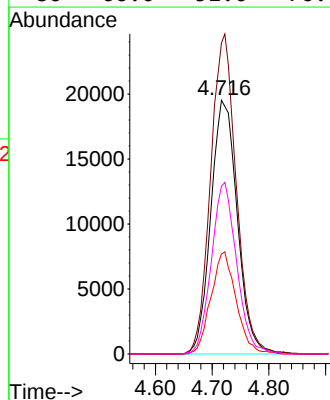
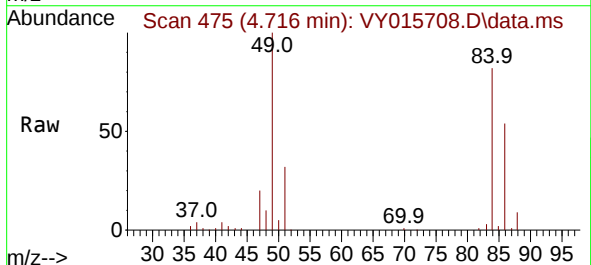
Manual Integrations
APPROVED

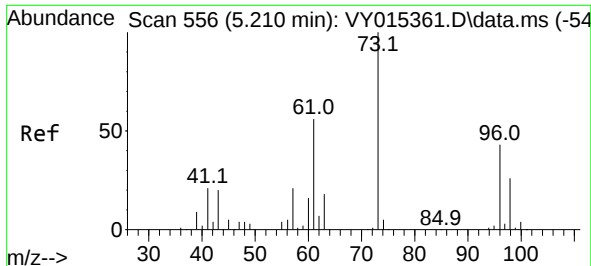
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#20
Methylene Chloride
Concen: 28.602 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.012 min
Lab File: VY015708.D
Acq: 26 Sep 2023 14:03

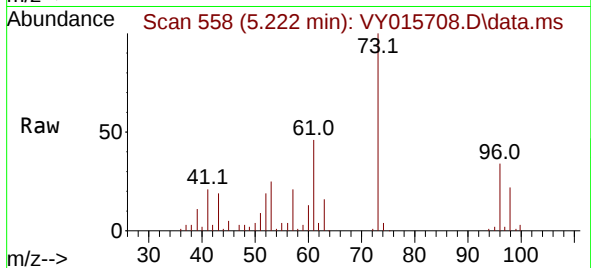
Tgt Ion: 84 Resp: 63370
Ion Ratio Lower Upper
84 100
49 122.6 106.9 160.3
51 39.4 33.2 49.8
86 66.0 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 18.915 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY015708.D
Acq: 26 Sep 2023 14:03

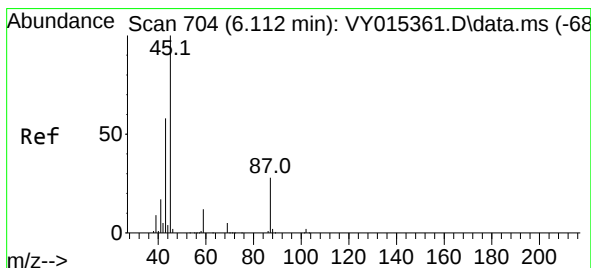
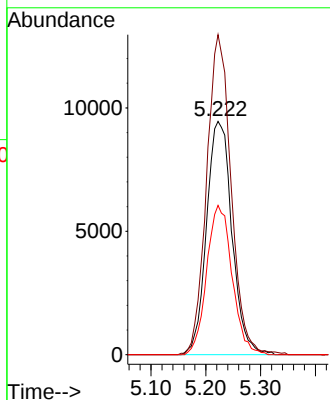
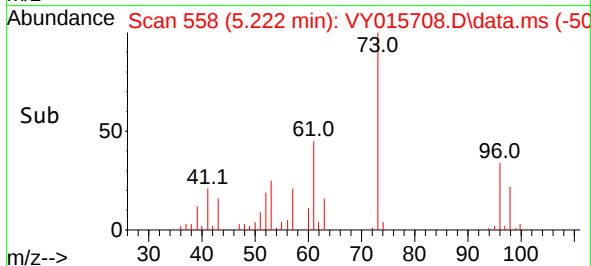
Instrument :
MSVOA_Y
ClientSampleId :
VY0926SBS01



Tgt Ion: 96 Resp: 3047
Ion Ratio Lower Upper
96 100
61 137.2 110.2 165.4
98 64.0 51.8 77.6

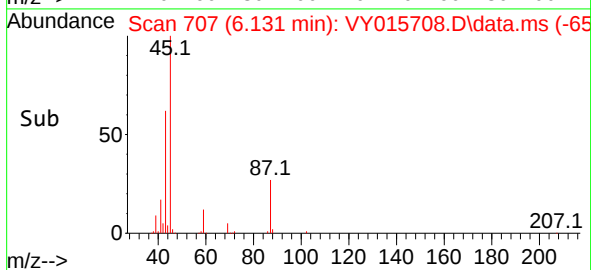
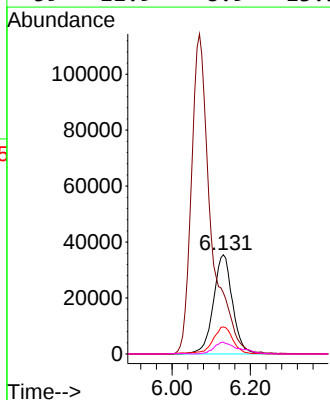
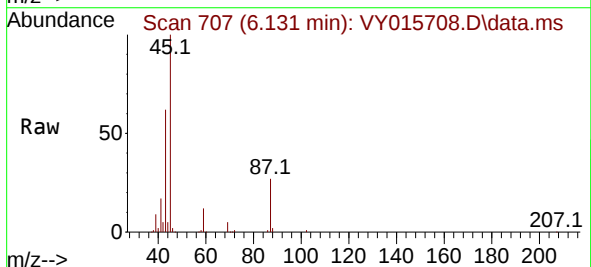
Manual Integrations
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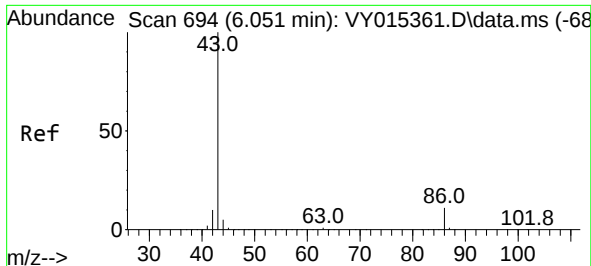
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#22
Diisopropyl ether
Concen: 19.361 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.019 min
Lab File: VY015708.D
Acq: 26 Sep 2023 14:03

Tgt Ion: 45 Resp: 120076
Ion Ratio Lower Upper
45 100
43 61.2 52.2 78.4
87 27.3 21.0 31.6
59 11.9 8.9 13.3





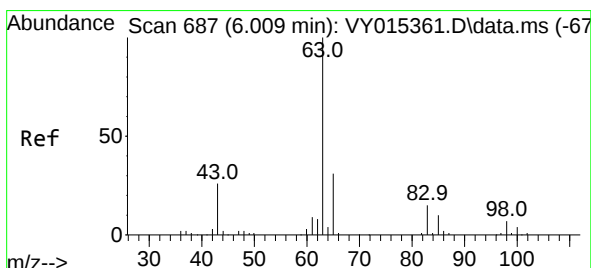
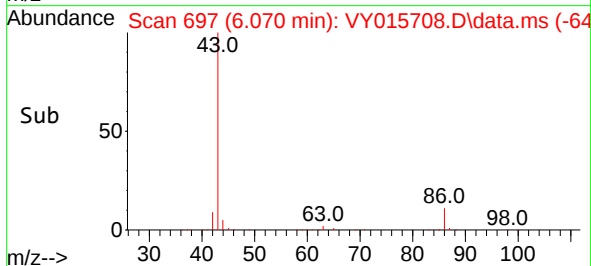
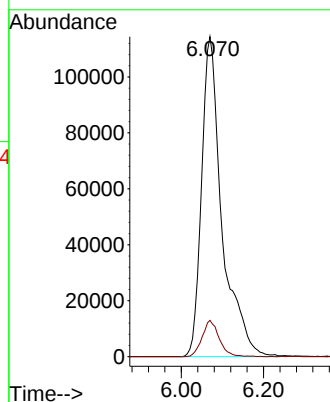
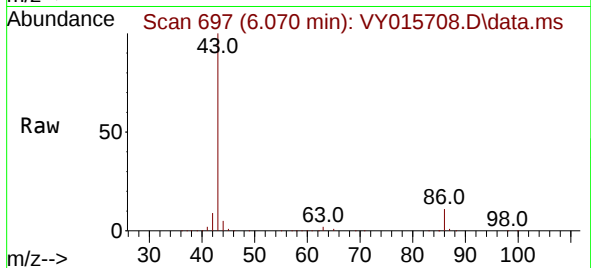
#23
 Vinyl Acetate
 Concen: 103.093 ug/l
 RT: 6.070 min Scan# 694
 Delta R.T. 0.019 min
 Lab File: VY015708.D
 Acq: 26 Sep 2023 14:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0926SBS01

Tgt Ion: 43 Resp: 394644
 Ion Ratio Lower Upper
 43 100
 86 11.3 7.5 11.3

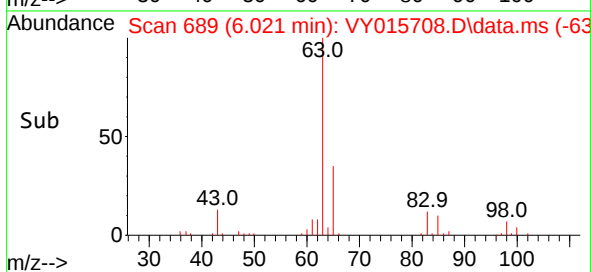
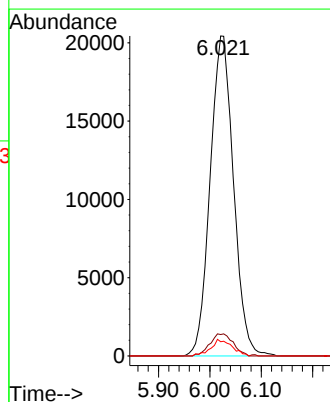
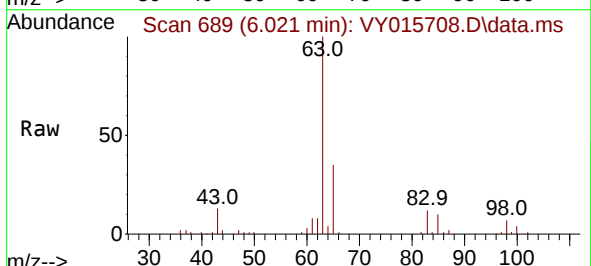
Manual Integrations
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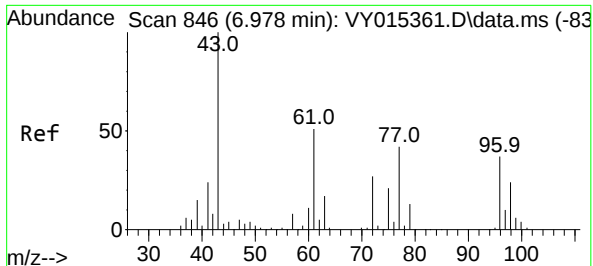
Reviewed By :John Carlone 09/27/2023
 Supervised By :Mahesh Dadoda 09/27/2023



#24
 1,1-Dichloroethane
 Concen: 19.087 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.018 min
 Lab File: VY015708.D
 Acq: 26 Sep 2023 14:03

Tgt Ion: 63 Resp: 64521
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.1 9.4
 100 4.5 1.8 5.5





#25

2-Butanone

Concen: 129.195 ug/l

RT: 7.002 min Scan# 846

Delta R.T. 0.024 min

Lab File: VY015708.D

Acq: 26 Sep 2023 14:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0926SBS01

Tgt Ion: 43 Resp: 172270

Ion Ratio Lower Upper

43 100

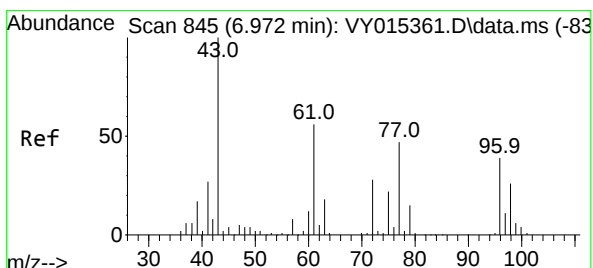
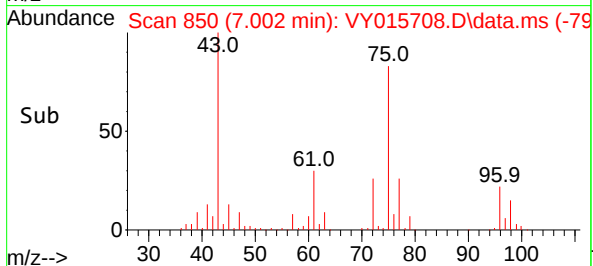
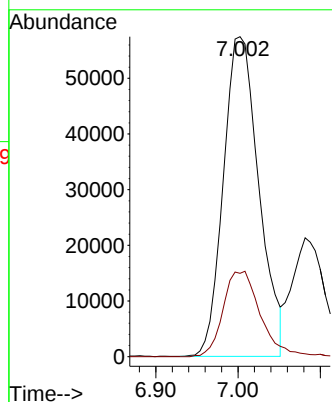
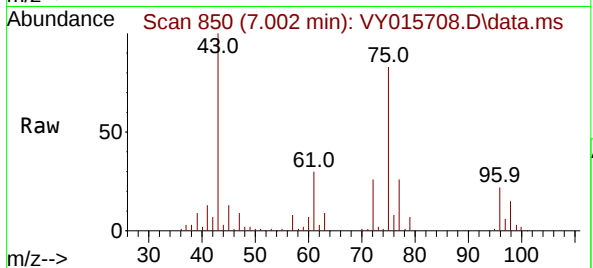
72 26.1 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/27/2023

Supervised By :Mahesh Dadoda 09/27/2023



#26

2,2-Dichloropropane

Concen: 19.415 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.018 min

Lab File: VY015708.D

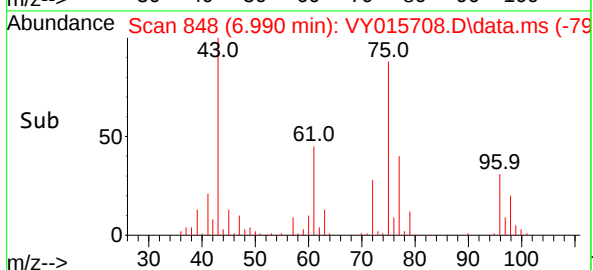
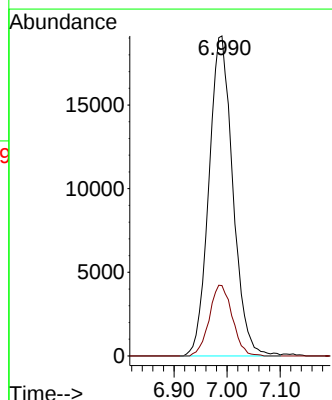
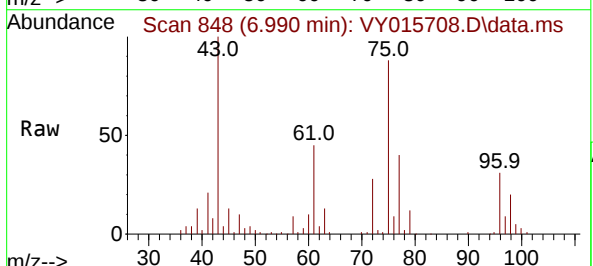
Acq: 26 Sep 2023 14:03

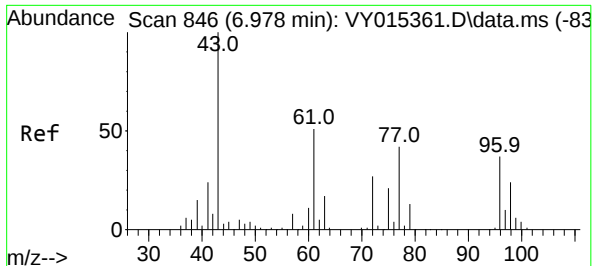
Tgt Ion: 77 Resp: 59986

Ion Ratio Lower Upper

77 100

97 21.2 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 18.954 ug/l

RT: 6.990 min Scan# 846

Delta R.T. 0.012 min

Lab File: VY015708.D

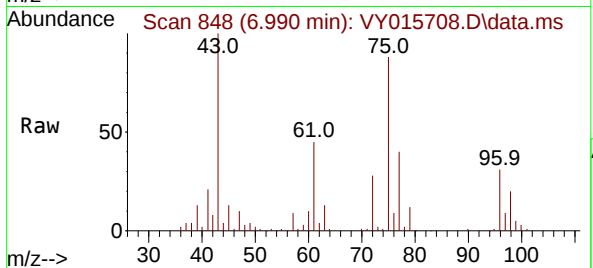
Acq: 26 Sep 2023 14:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0926SBS01



Tgt Ion: 96 Resp: 40538

Ion Ratio Lower Upper

96 100

61 148.9 0.0 301.4

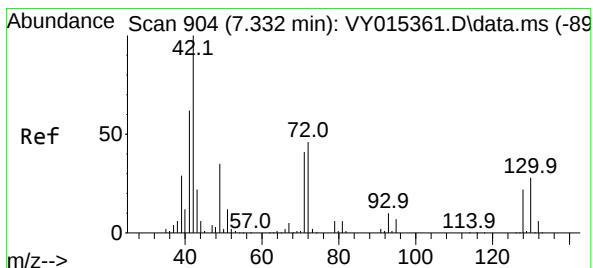
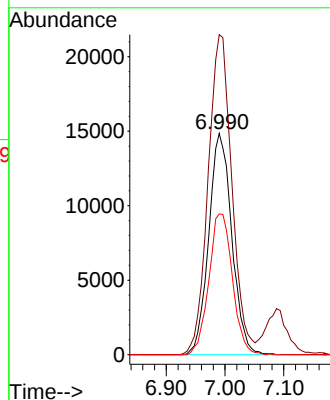
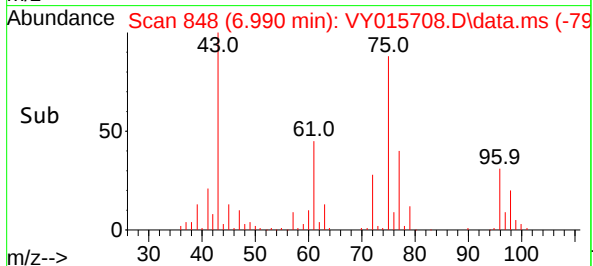
98 64.8 0.0 130.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/27/2023

Supervised By :Mahesh Dadoda 09/27/2023



#28

Bromochloromethane

Concen: 16.503 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.012 min

Lab File: VY015708.D

Acq: 26 Sep 2023 14:03

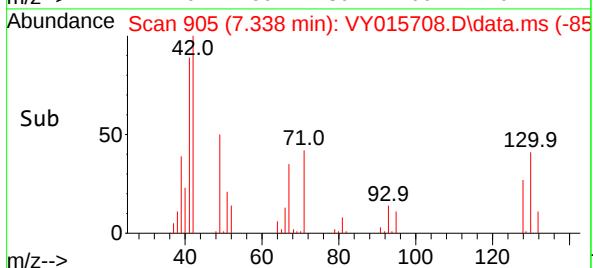
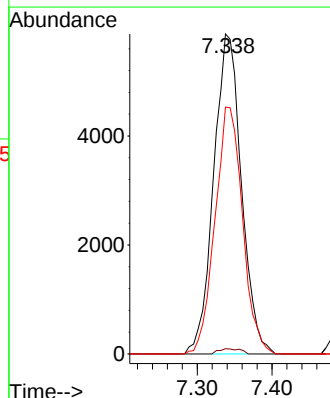
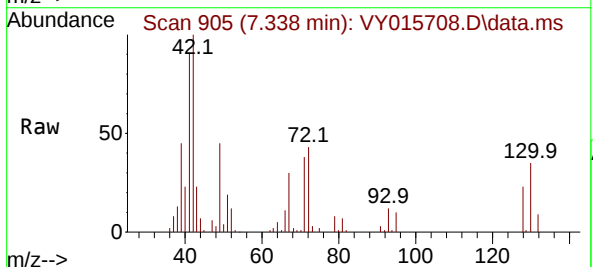
Tgt Ion: 49 Resp: 15136

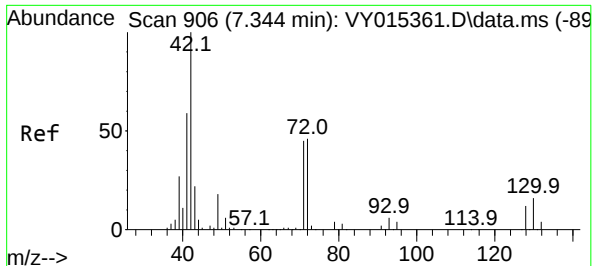
Ion Ratio Lower Upper

49 100

129 1.3 0.0 4.6

130 76.7 60.7 91.1





#29

Tetrahydrofuran

Concen: 126.527 ug/l

RT: 7.362 min Scan# 906

Delta R.T. 0.018 min

Lab File: VY015708.D

Acq: 26 Sep 2023 14:03

Instrument :

MSVOA_Y

ClientSampleId :

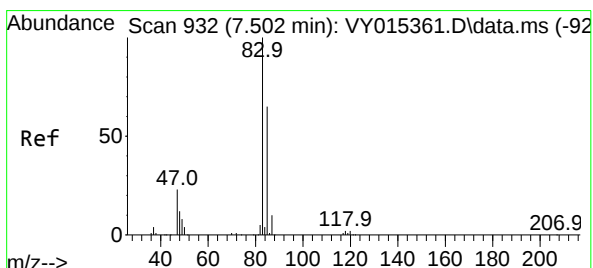
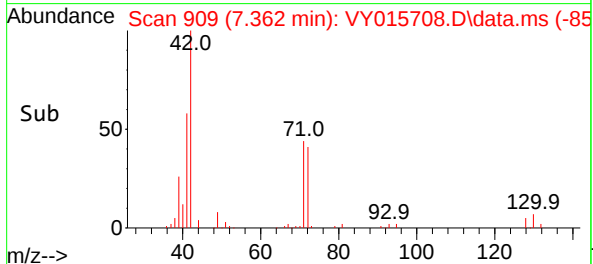
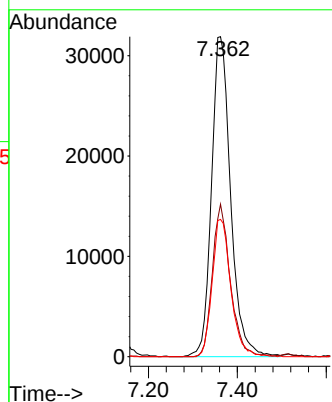
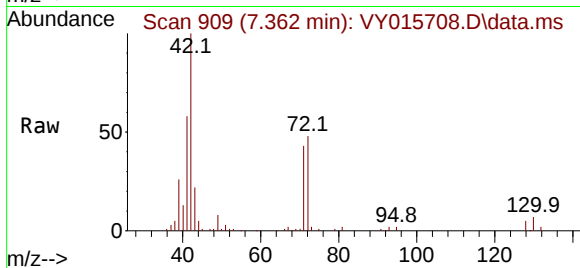
VY0926SBS01

Tgt Ion: 42 Resp: 95358
 Ion Ratio Lower Upper
 42 100
 72 44.8 32.8 49.2
 71 42.0 31.0 46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/27/2023
 Supervised By :Mahesh Dadoda 09/27/2023



#30

Chloroform

Concen: 19.265 ug/l

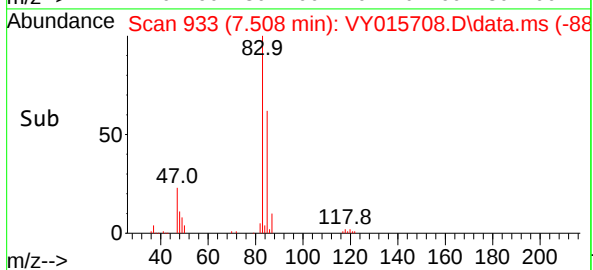
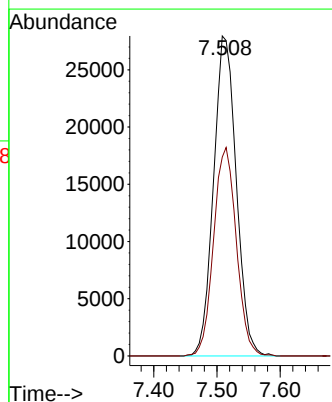
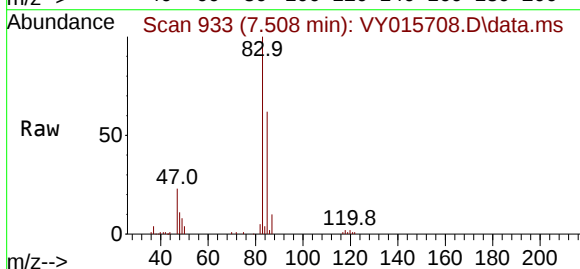
RT: 7.508 min Scan# 933

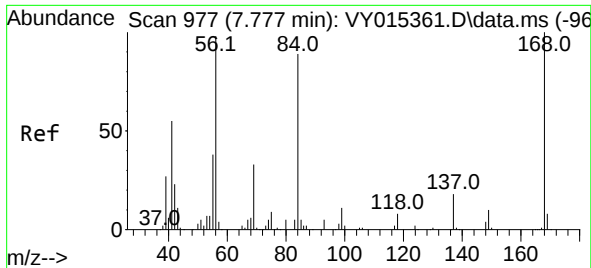
Delta R.T. 0.012 min

Lab File: VY015708.D

Acq: 26 Sep 2023 14:03

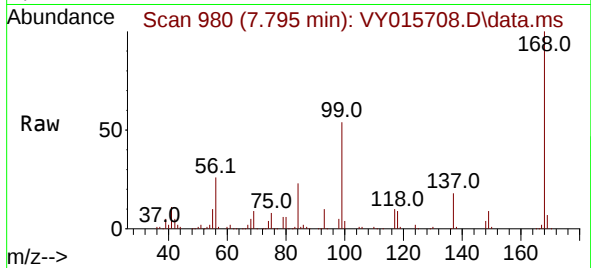
Tgt Ion: 83 Resp: 69743
 Ion Ratio Lower Upper
 83 100
 85 62.1 49.7 74.5





#31
Cyclohexane
Concen: 18.366 ug/l
RT: 7.795 min Scan# 910
Delta R.T. 0.012 min
Lab File: VY015708.D
Acq: 26 Sep 2023 14:03

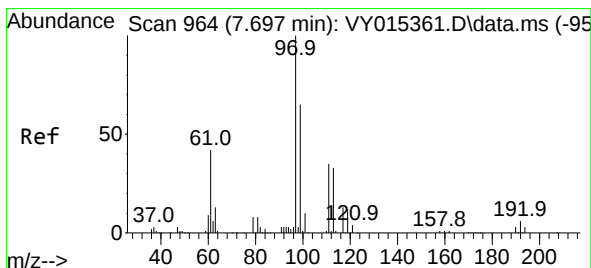
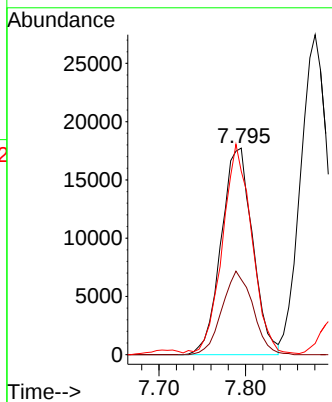
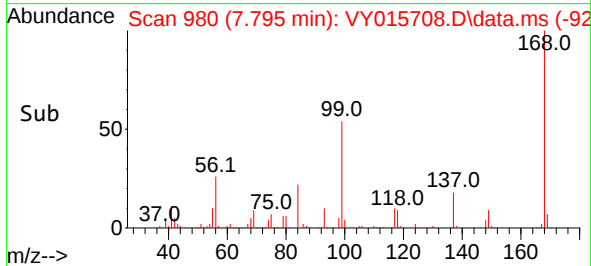
Instrument :
MSVOA_Y
ClientSampleId :
VY0926SBSD01



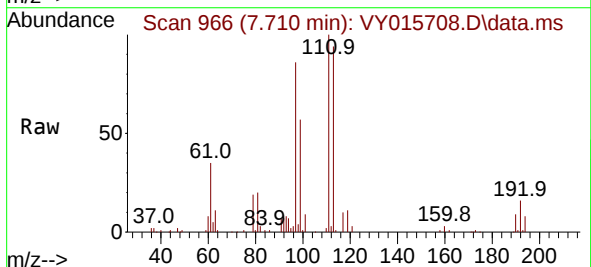
Tgt Ion: 56 Resp: 44850
Ion Ratio Lower Upper
56 100
69 36.4 27.8 41.6
84 87.2 66.4 99.6

Manual Integrations
APPROVED

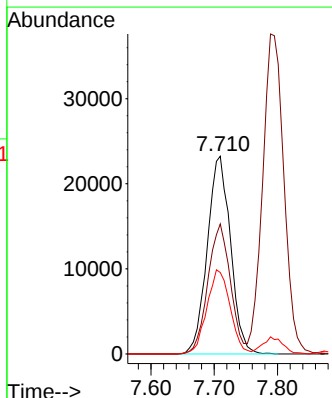
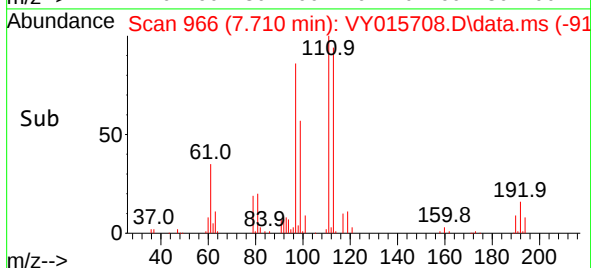
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023

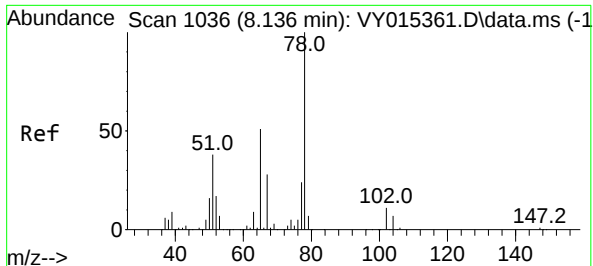


#32
1,1,1-Trichloroethane
Concen: 19.851 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.019 min
Lab File: VY015708.D
Acq: 26 Sep 2023 14:03



Tgt Ion: 97 Resp: 59324
Ion Ratio Lower Upper
97 100
99 64.0 50.8 76.2
61 42.6 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 56.688 ug/l

RT: 8.149 min Scan# 1036

Delta R.T. 0.013 min

Lab File: VY015708.D

Acq: 26 Sep 2023 14:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0926SBS01

Tgt Ion: 65 Resp: 99928

Ion Ratio Lower Upper

65 100

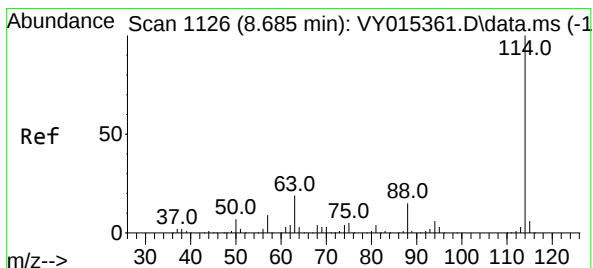
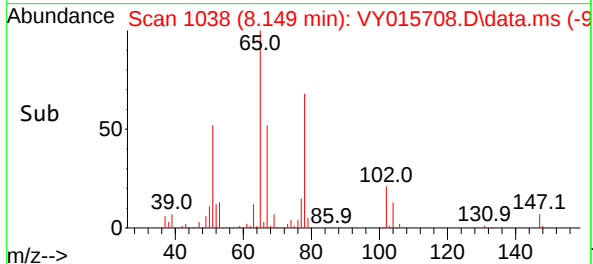
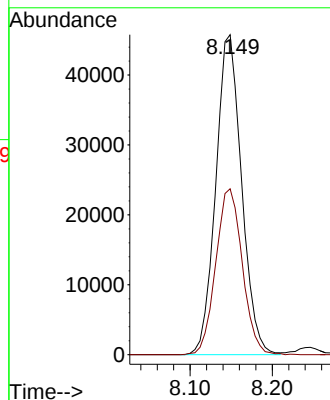
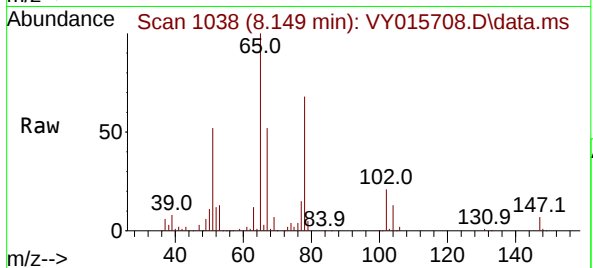
67 53.3 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/27/2023

Supervised By :Mahesh Dadoda 09/27/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.012 min

Lab File: VY015708.D

Acq: 26 Sep 2023 14:03

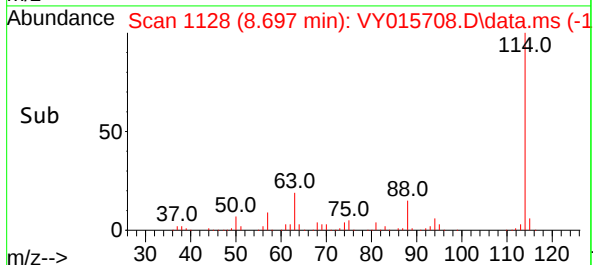
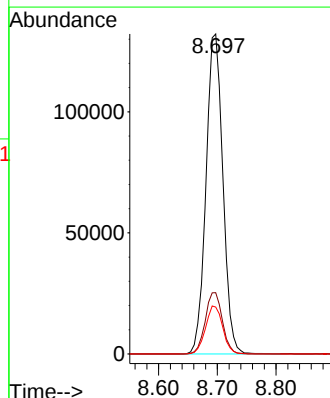
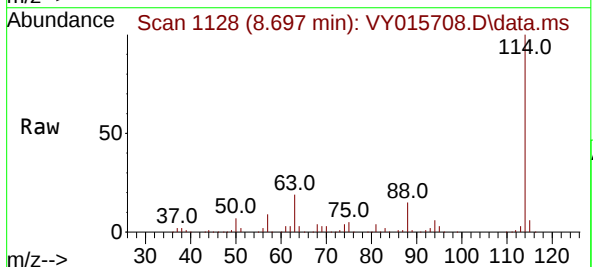
Tgt Ion:114 Resp: 263870

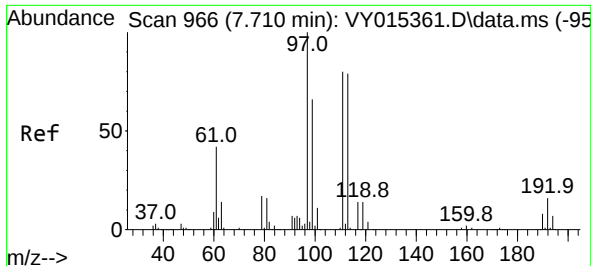
Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.4

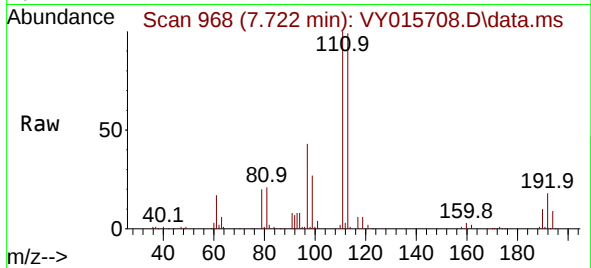
88 14.6 0.0 30.6





#35
Dibromofluoromethane
Concen: 56.655 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY015708.D
Acq: 26 Sep 2023 14:03

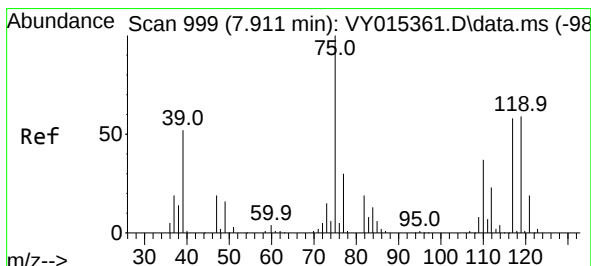
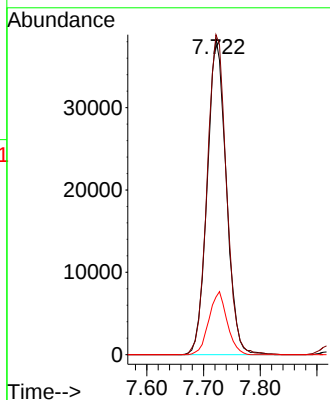
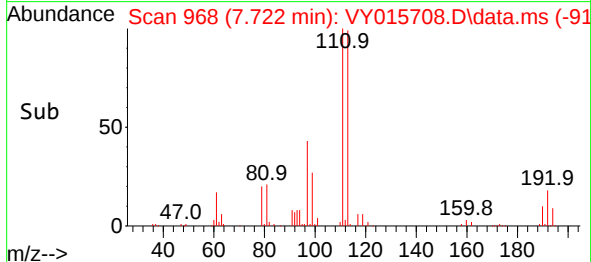
Instrument :
MSVOA_Y
ClientSampleId :
VY0926SBS01



Tgt Ion:113 Resp: 89478
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 19.1 16.9 25.3

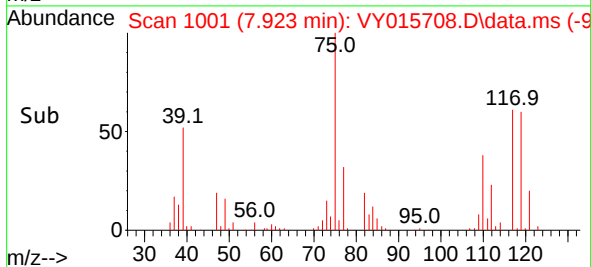
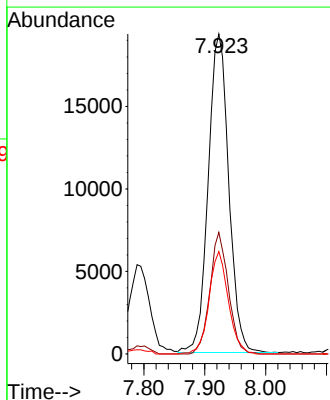
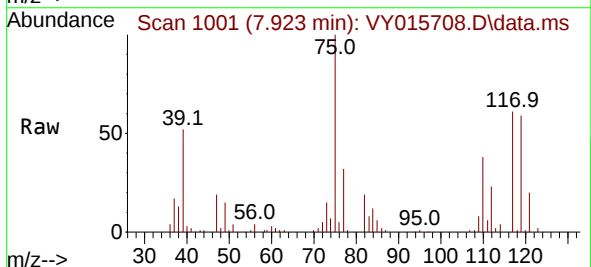
Manual Integrations
APPROVED

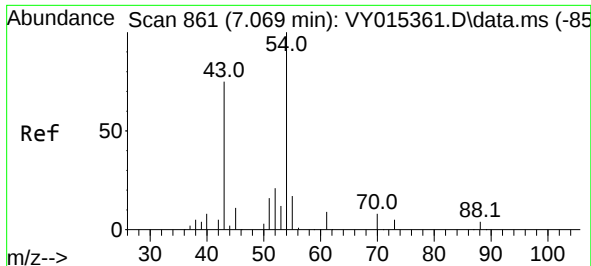
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#36
1,1-Dichloropropene
Concen: 19.390 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.012 min
Lab File: VY015708.D
Acq: 26 Sep 2023 14:03

Tgt Ion: 75 Resp: 45280
Ion Ratio Lower Upper
75 100
110 34.3 17.8 53.5
77 30.2 24.4 36.6





#37

Ethyl Acetate

Concen: 26.599 ug/l

RT: 7.082 min Scan# 80

Delta R.T. 0.019 min

Lab File: VY015708.D

Acq: 26 Sep 2023 14:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0926SBS01

Tgt Ion: 43 Resp: 6195

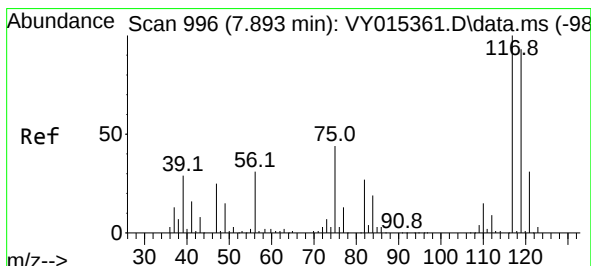
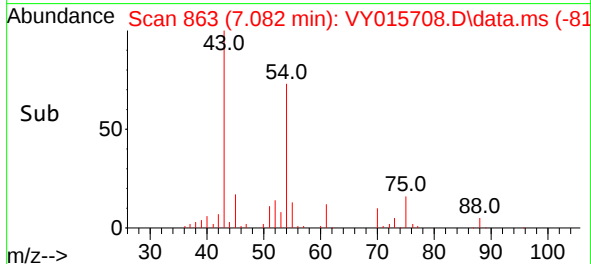
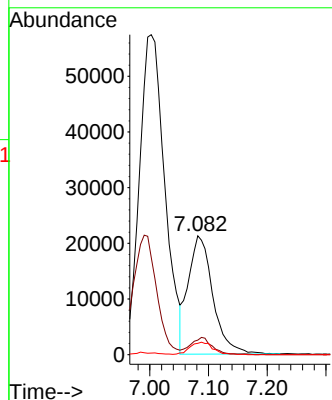
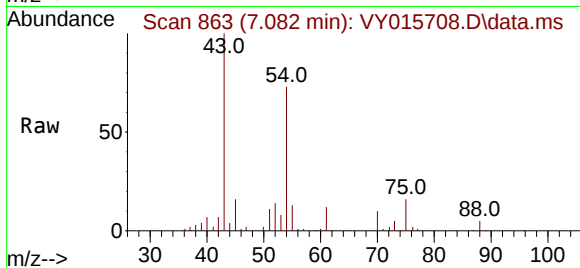
Ion	Ratio	Lower	Upper
43	100		
61	13.0	10.1	15.1
70	9.9	7.1	10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/27/2023

Supervised By :Mahesh Dadoda 09/27/2023



#38

Carbon Tetrachloride

Concen: 19.583 ug/l

RT: 7.911 min Scan# 999

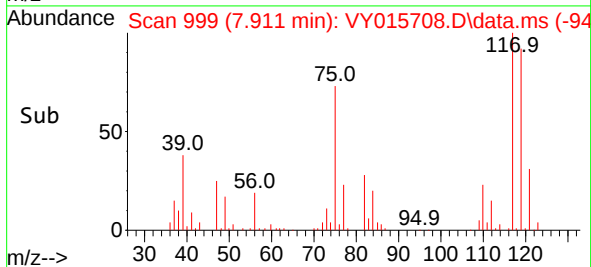
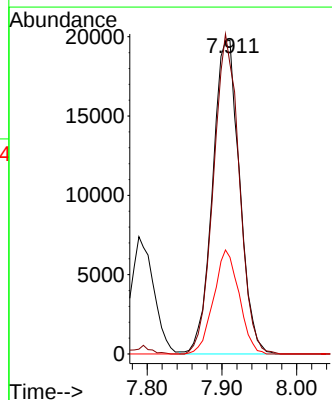
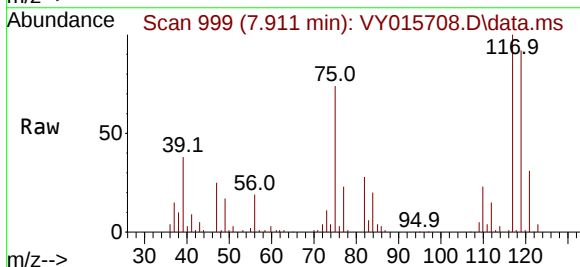
Delta R.T. 0.018 min

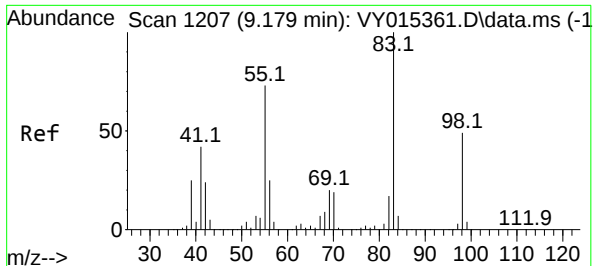
Lab File: VY015708.D

Acq: 26 Sep 2023 14:03

Tgt Ion:117 Resp: 49638

Ion	Ratio	Lower	Upper
117	100		
119	92.5	76.4	114.6
121	30.8	25.8	38.6





#39

Methylcyclohexane

Concen: 19.028 ug/l

RT: 9.191 min Scan# 1041

Delta R.T. 0.012 min

Lab File: VY015708.D

Acq: 26 Sep 2023 14:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0926SBS01

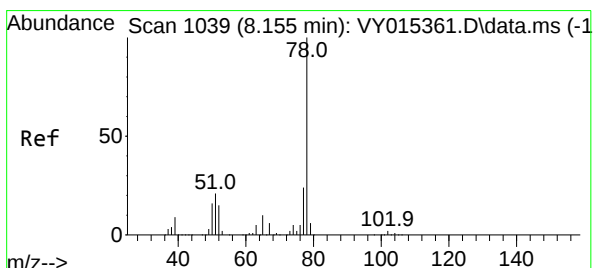
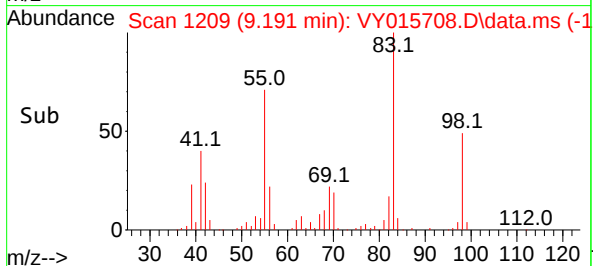
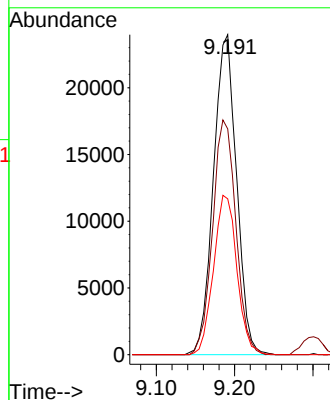
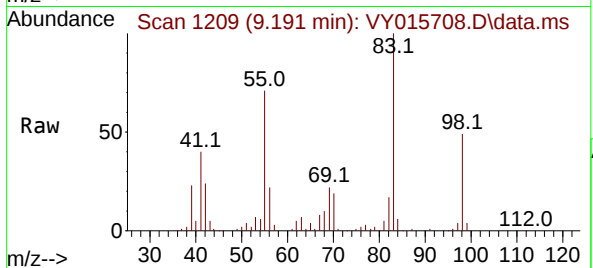
Tgt Ion: 83	Resp: 4914
Ion Ratio	Lower Upper
83	100
55	70.5 63.0 94.4
98	48.7 37.4 56.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/27/2023

Supervised By :Mahesh Dadoda 09/27/2023



#40

Benzene

Concen: 19.527 ug/l

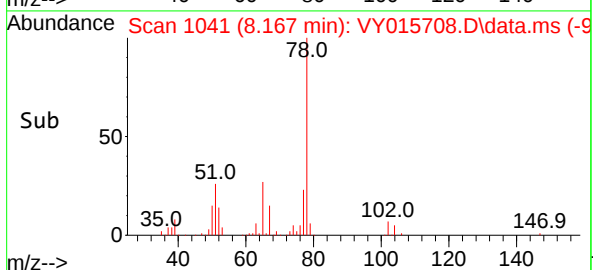
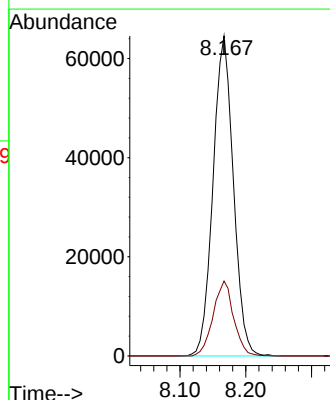
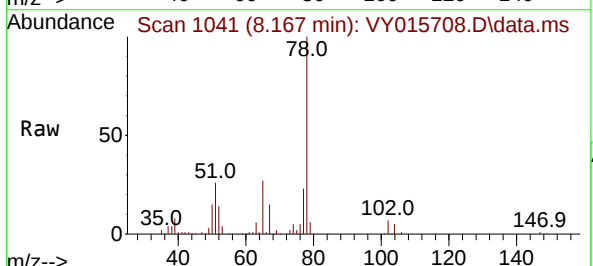
RT: 8.167 min Scan# 1041

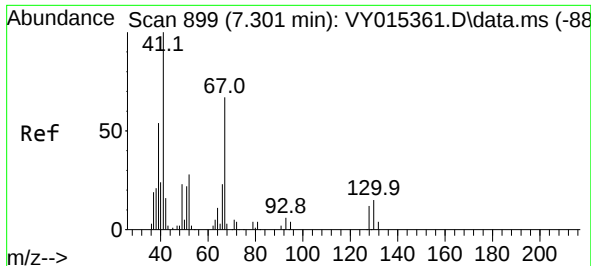
Delta R.T. 0.018 min

Lab File: VY015708.D

Acq: 26 Sep 2023 14:03

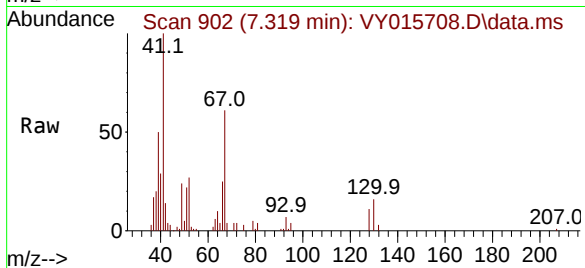
Tgt Ion: 78	Resp: 139058
Ion Ratio	Lower Upper
78	100
77	23.4 19.0 28.6





#41
Methacrylonitrile
Concen: 21.389 ug/l
RT: 7.319 min Scan# 901
Delta R.T. 0.006 min
Lab File: VY015708.D
Acq: 26 Sep 2023 14:03

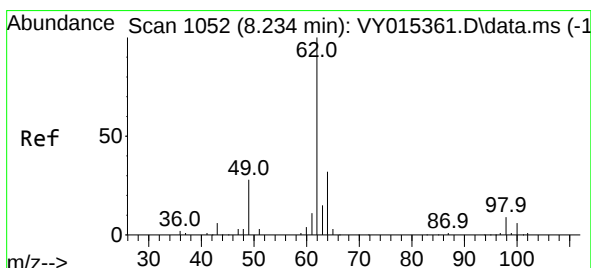
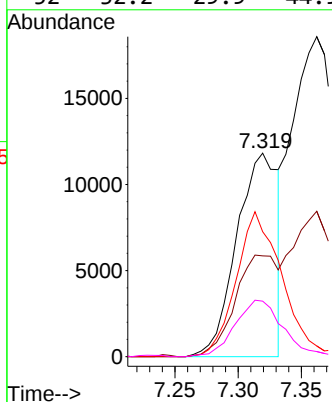
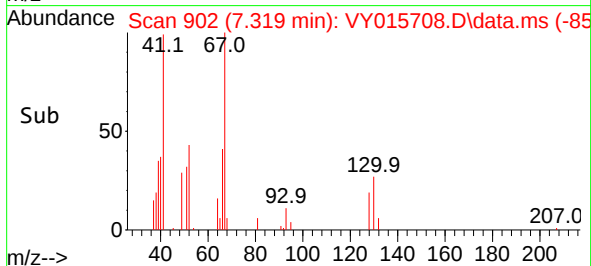
Instrument :
MSVOA_Y
ClientSampleId :
VY0926SBSD01



Tgt Ion: 41 Resp: 2682
Ion Ratio Lower Upper
41 100
39 51.4 52.1 78.1
67 79.6 66.2 99.2
52 32.2 29.9 44.9

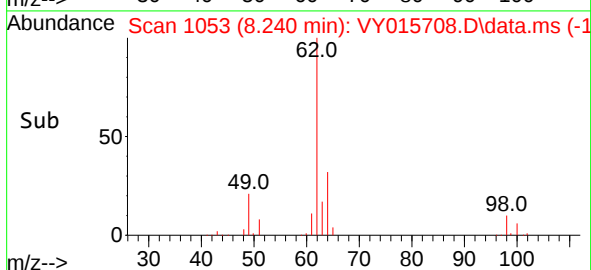
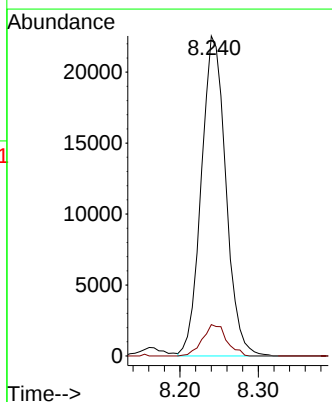
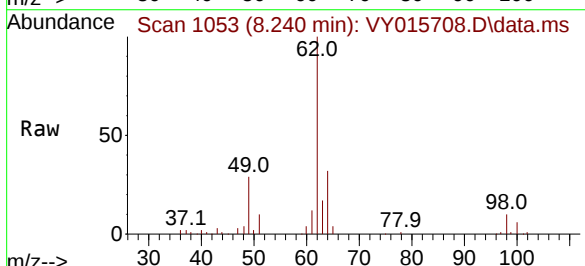
Manual Integrations
APPROVED

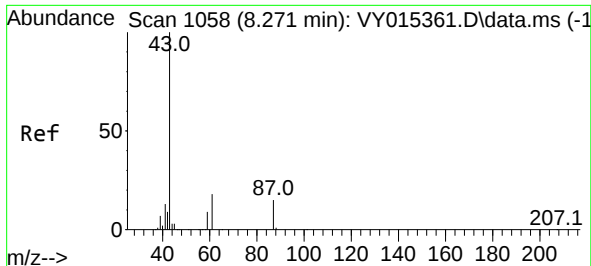
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#42
1,2-Dichloroethane
Concen: 20.104 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY015708.D
Acq: 26 Sep 2023 14:03

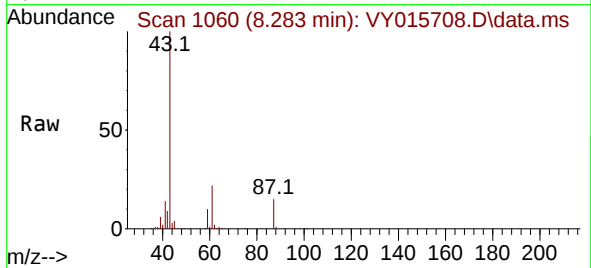
Tgt Ion: 62 Resp: 49032
Ion Ratio Lower Upper
62 100
98 9.6 0.0 15.8





#43
Isopropyl Acetate
Concen: 22.416 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. 0.019 min
Lab File: VY015708.D
Acq: 26 Sep 2023 14:03

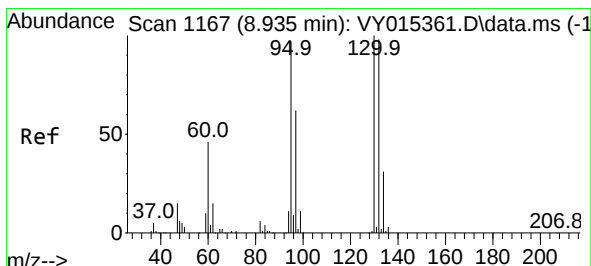
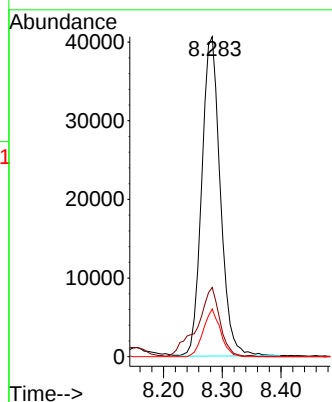
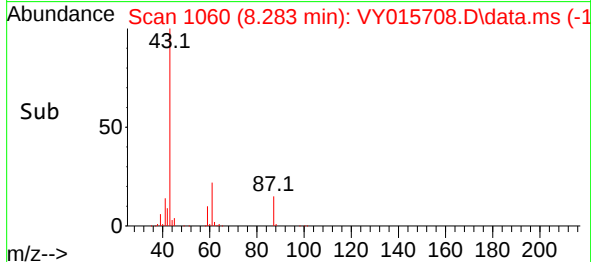
Instrument :
MSVOA_Y
ClientSampleId :
VY0926SBSD01



Tgt Ion: 43 Resp: 8919
Ion Ratio Lower Upper
43 100
61 26.1 21.1 31.7
87 13.8 9.8 14.8

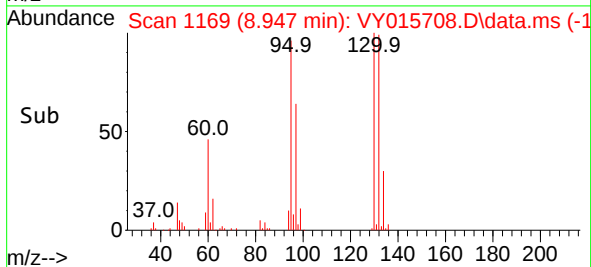
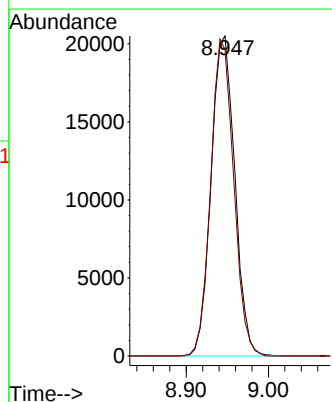
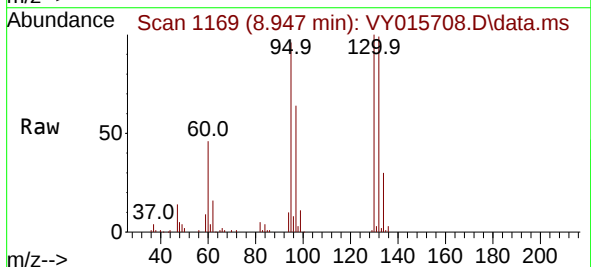
Manual Integrations
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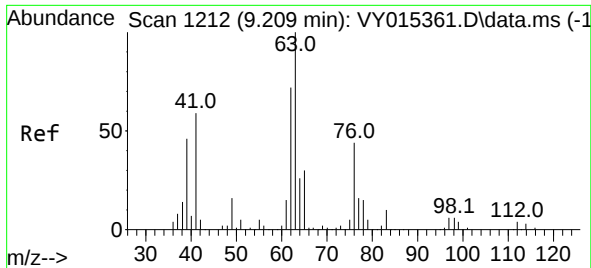
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#44
Trichloroethene
Concen: 20.606 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.012 min
Lab File: VY015708.D
Acq: 26 Sep 2023 14:03

Tgt Ion:130 Resp: 40986
Ion Ratio Lower Upper
130 100
95 95.7 0.0 196.0





#45

1,2-Dichloropropane

Concen: 19.777 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. 0.007 min

Lab File: VY015708.D

Acq: 26 Sep 2023 14:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0926SBS01

Tgt Ion: 63 Resp: 39270

Ion Ratio Lower Upper

63 100

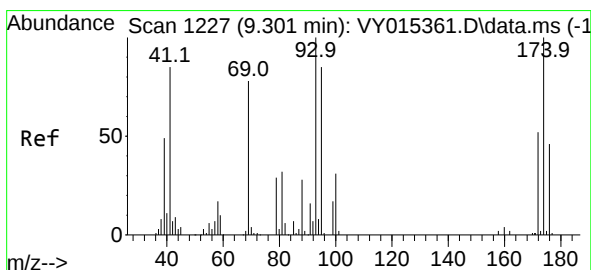
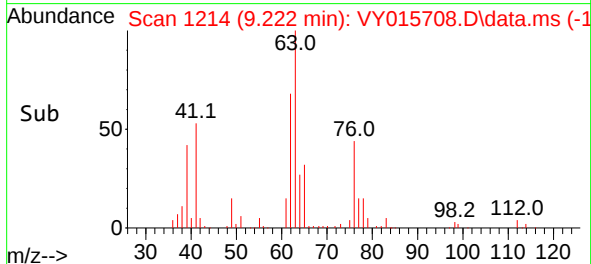
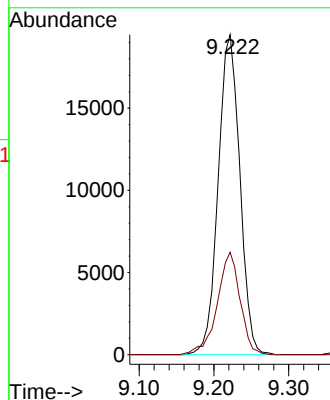
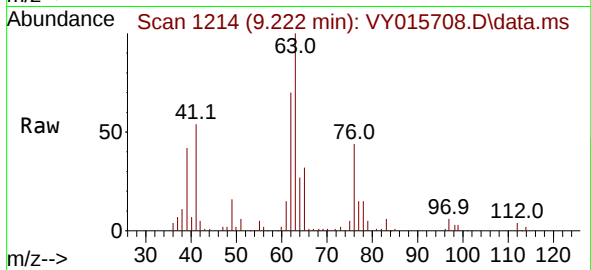
65 32.0 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/27/2023

Supervised By :Mahesh Dadoda 09/27/2023



#46

Dibromomethane

Concen: 20.092 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.012 min

Lab File: VY015708.D

Acq: 26 Sep 2023 14:03

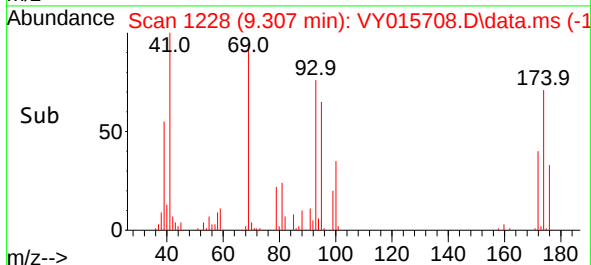
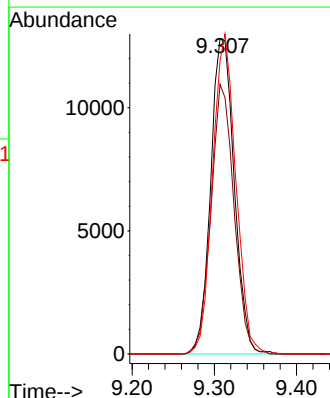
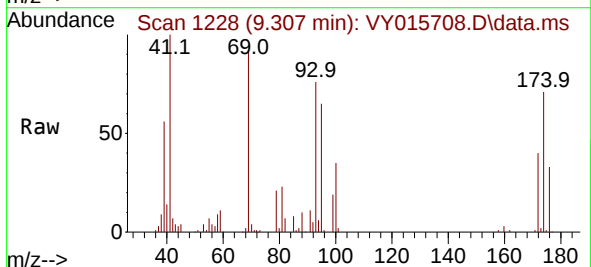
Tgt Ion: 93 Resp: 25523

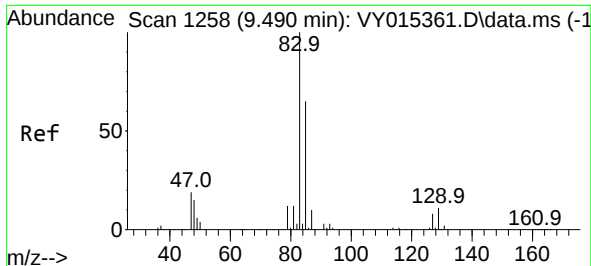
Ion Ratio Lower Upper

93 100

95 83.5 66.6 100.0

174 100.0 84.8 127.2





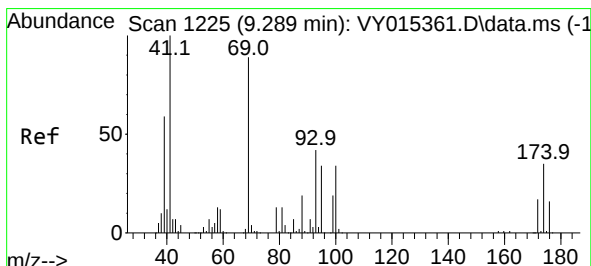
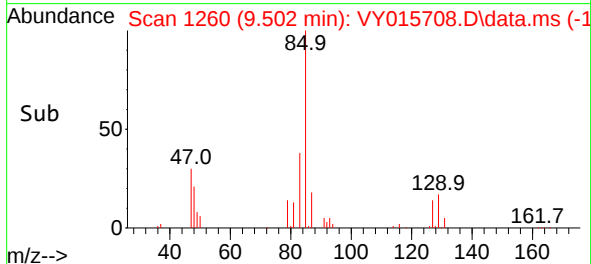
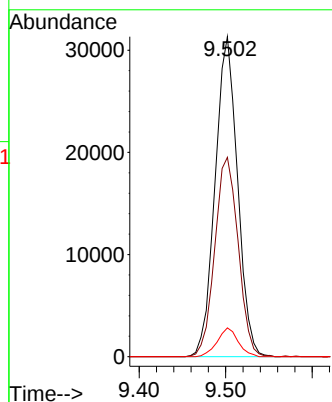
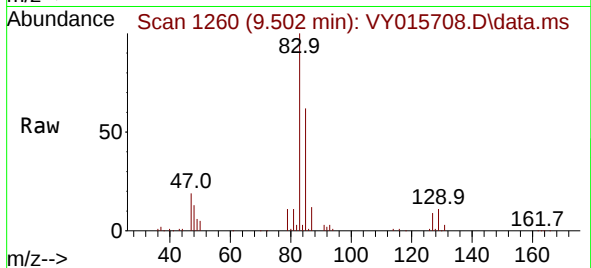
#47
Bromodichloromethane
Concen: 19.910 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.012 min
Lab File: VY015708.D
Acq: 26 Sep 2023 14:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0926SBS01

Tgt Ion: 83 Resp: 56370
Ion Ratio Lower Upper
83 100
85 62.3 50.1 75.1
127 9.0 7.1 10.7

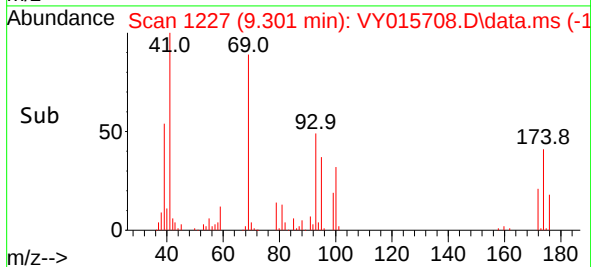
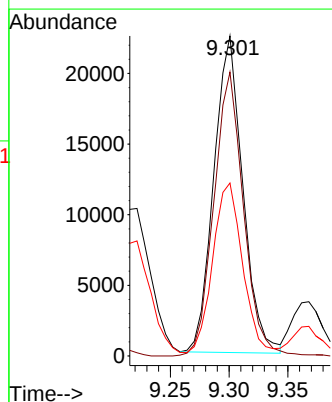
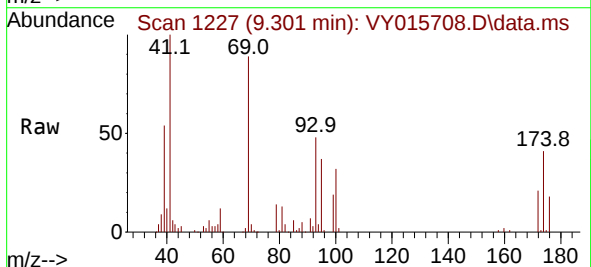
Manual Integrations
APPROVED

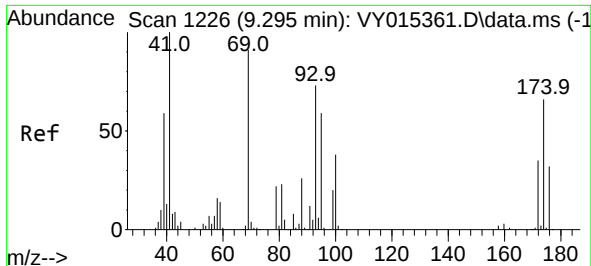
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#48
Methyl methacrylate
Concen: 22.030 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.012 min
Lab File: VY015708.D
Acq: 26 Sep 2023 14:03

Tgt Ion: 41 Resp: 38474
Ion Ratio Lower Upper
41 100
69 91.7 64.5 96.7
39 57.3 50.8 76.2





#49

1,4-Dioxane

Concen: 636.025 ug/l

RT: 9.331 min Scan# 1226

Delta R.T. 0.042 min

Lab File: VY015708.D

Acq: 26 Sep 2023 14:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0926SBS01

Tgt Ion: 88 Resp: 1596

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

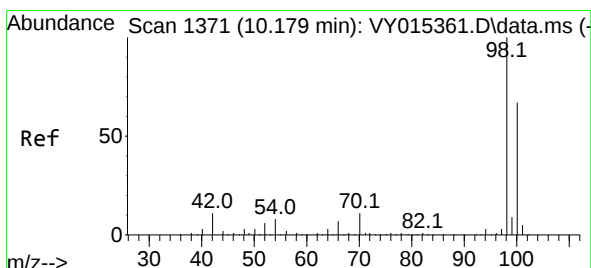
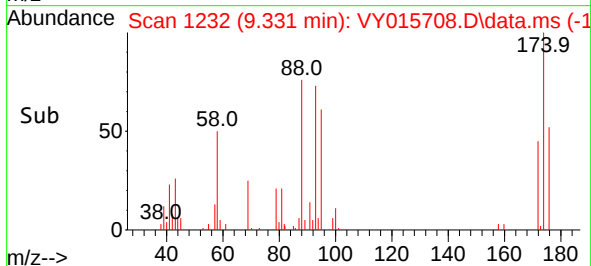
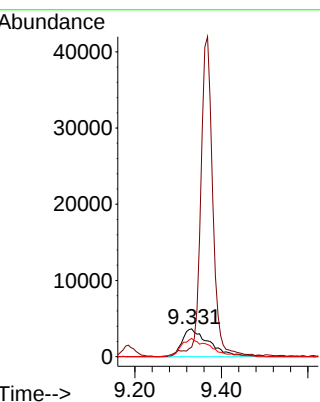
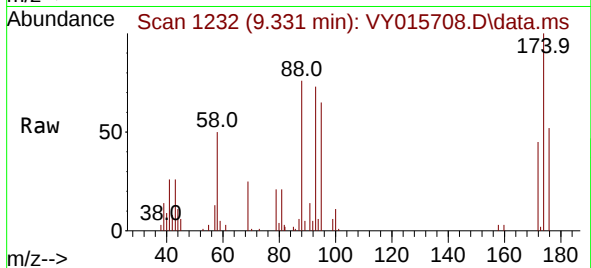
58 69.5 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/27/2023

Supervised By :Mahesh Dadoda 09/27/2023



#50

Toluene-d8

Concen: 60.482 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.006 min

Lab File: VY015708.D

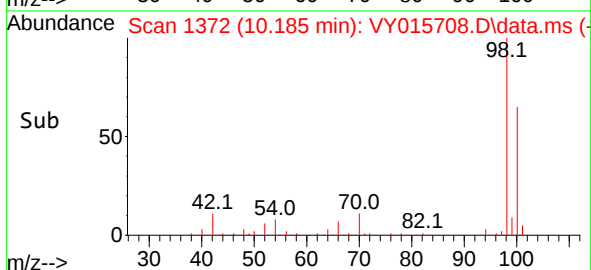
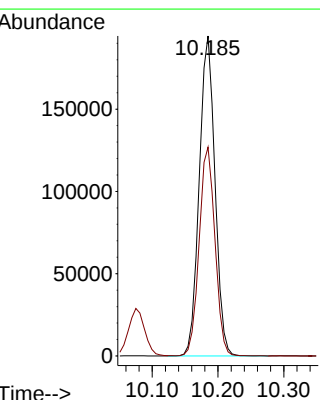
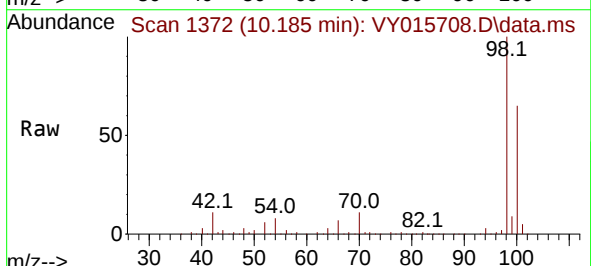
Acq: 26 Sep 2023 14:03

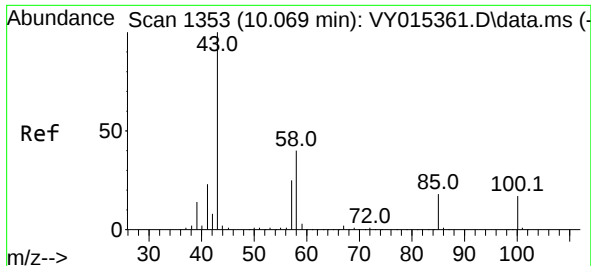
Tgt Ion: 98 Resp: 323881

Ion Ratio Lower Upper

98 100

100 65.4 50.1 75.1





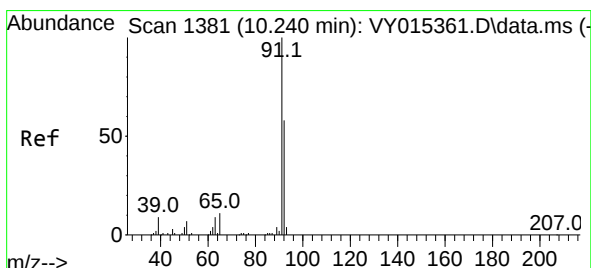
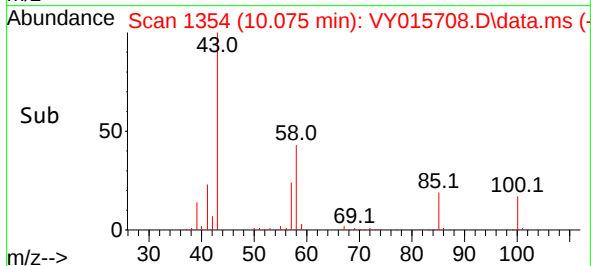
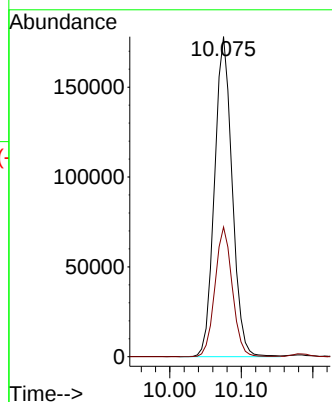
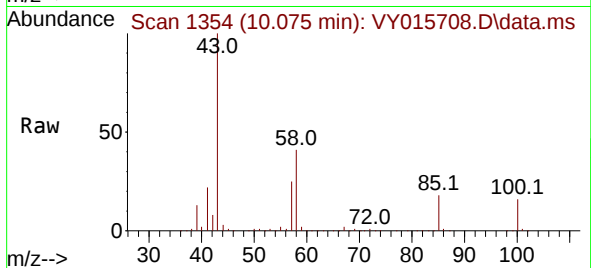
#51
4-Methyl-2-Pentanone
Concen: 123.831 ug/l
RT: 10.075 min Scan# 1353
Delta R.T. 0.006 min
Lab File: VY015708.D
Acq: 26 Sep 2023 14:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0926SBS01

Tgt Ion: 43 Resp: 30538
Ion Ratio Lower Upper
43 100
58 39.7 29.0 43.6

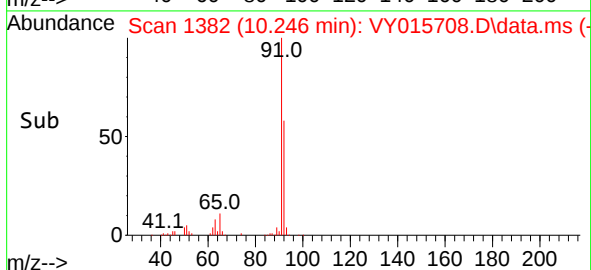
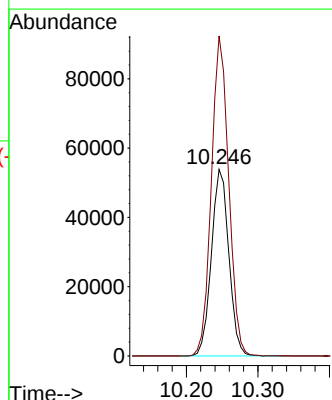
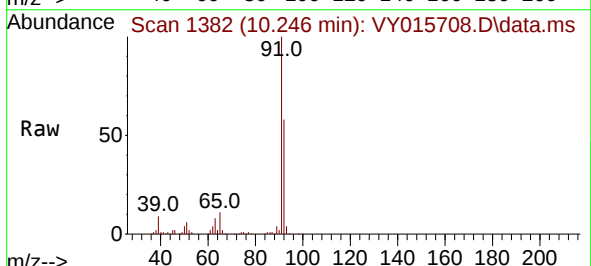
Manual Integrations
APPROVED

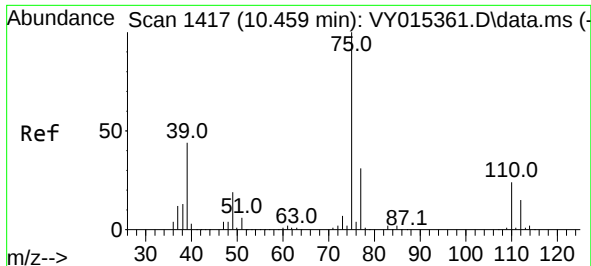
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#52
Toluene
Concen: 19.874 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY015708.D
Acq: 26 Sep 2023 14:03

Tgt Ion: 92 Resp: 91242
Ion Ratio Lower Upper
92 100
91 170.2 143.8 215.6





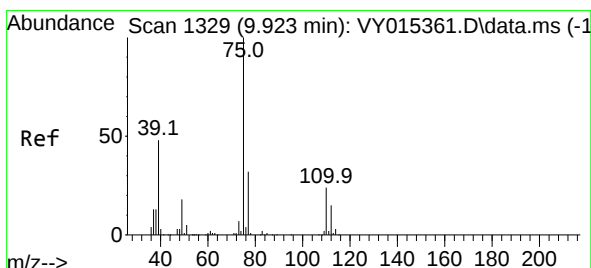
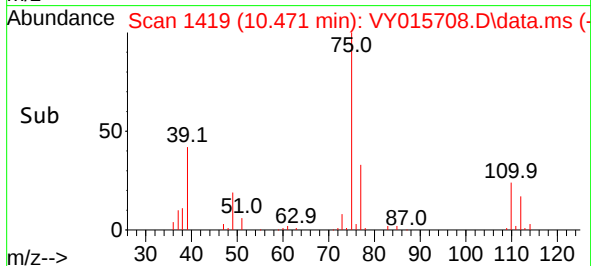
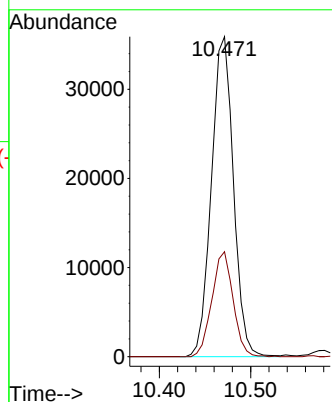
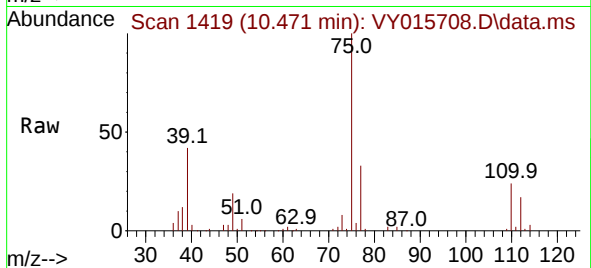
#53
 t-1,3-Dichloropropene
 Concen: 19.788 ug/l
 RT: 10.471 min Scan# 1417
 Delta R.T. 0.012 min
 Lab File: VY015708.D
 Acq: 26 Sep 2023 14:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0926SBS01

Tgt Ion: 75 Resp: 60080
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.0 37.4

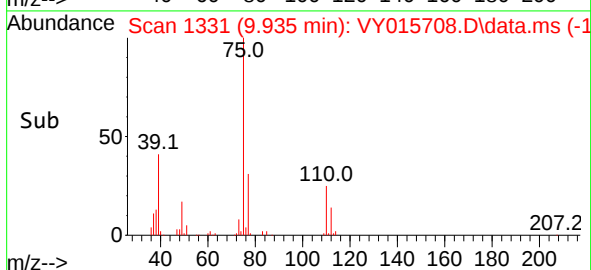
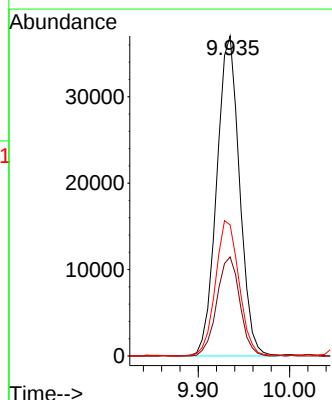
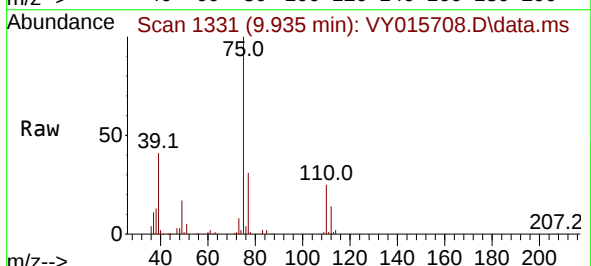
Manual Integrations
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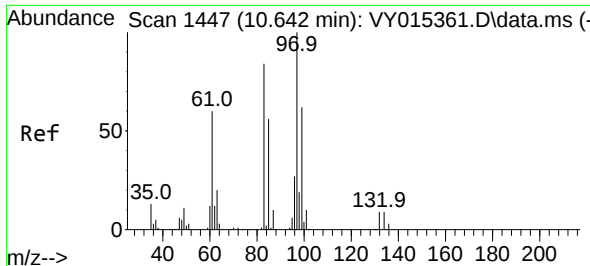
Reviewed By :John Carlone 09/27/2023
 Supervised By :Mahesh Dadoda 09/27/2023



#54
 cis-1,3-Dichloropropene
 Concen: 19.689 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.012 min
 Lab File: VY015708.D
 Acq: 26 Sep 2023 14:03

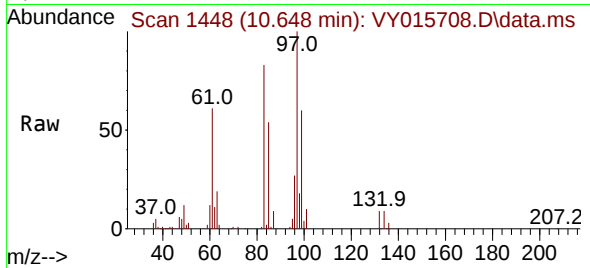
Tgt Ion: 75 Resp: 64355
 Ion Ratio Lower Upper
 75 100
 77 30.9 24.2 36.4
 39 40.9 42.2 63.4#





#55
1,1,2-Trichloroethane
Concen: 21.459 ug/l
RT: 10.648 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VY015708.D
Acq: 26 Sep 2023 14:03

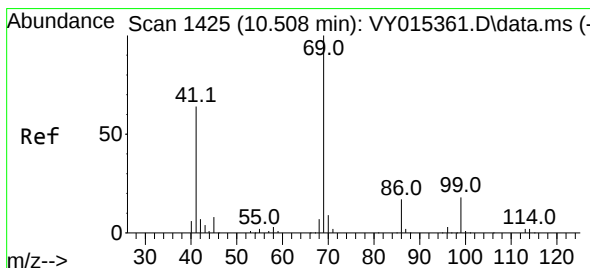
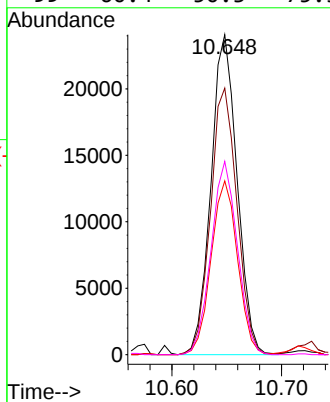
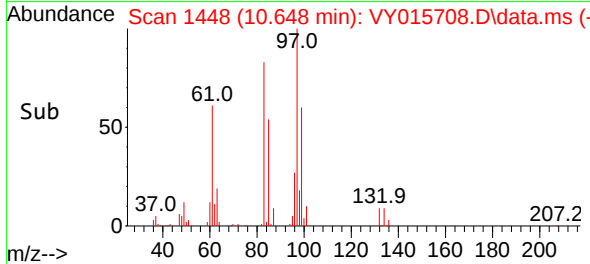
Instrument :
MSVOA_Y
ClientSampleId :
VY0926SBSD01



Tgt Ion:	97	Resp:	39949
Ion Ratio	100	Lower	Upper
97	100		
83	83.3	72.0	108.0
85	54.3	45.4	68.0
99	60.4	50.3	75.5

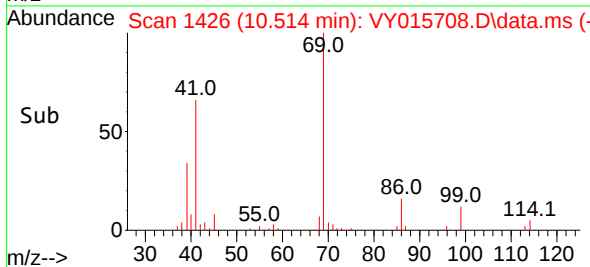
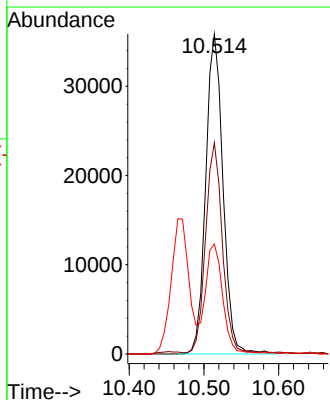
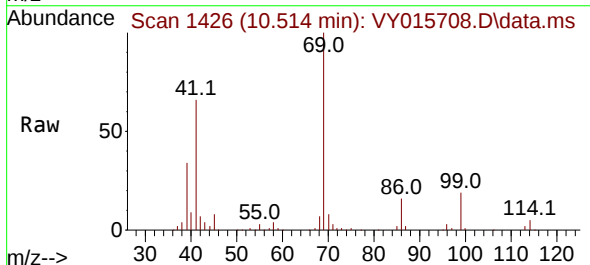
Manual Integrations
APPROVED

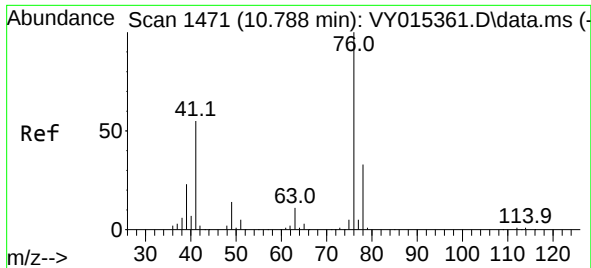
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#56
Ethyl methacrylate
Concen: 21.002 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VY015708.D
Acq: 26 Sep 2023 14:03

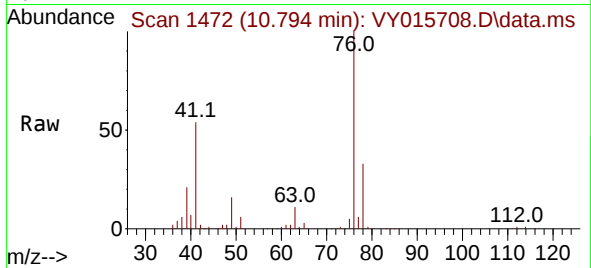
Tgt Ion:	69	Resp:	57619
Ion Ratio	100	Lower	Upper
69	100		
41	64.6	57.6	86.4
39	34.7	34.1	51.1





#57
1,3-Dichloropropane
Concen: 20.633 ug/l
RT: 10.794 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VY015708.D
Acq: 26 Sep 2023 14:03

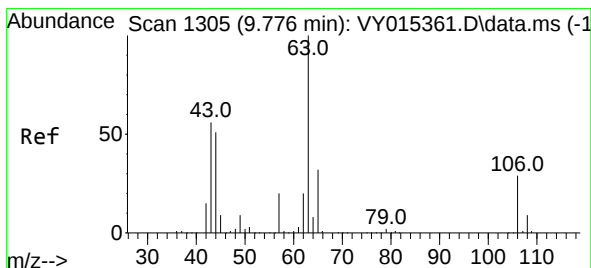
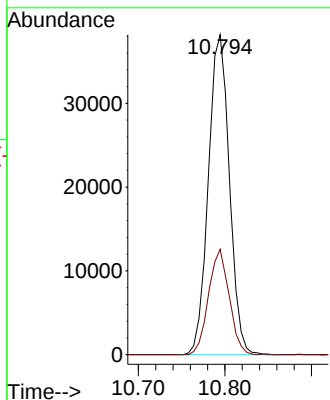
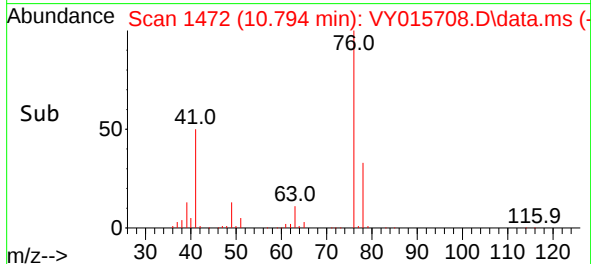
Instrument :
MSVOA_Y
ClientSampleId :
VY0926SBS01



Tgt Ion: 76 Resp: 6441
Ion Ratio Lower Upper
76 100
78 32.3 25.3 37.9

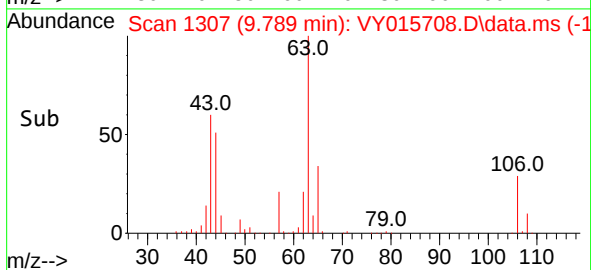
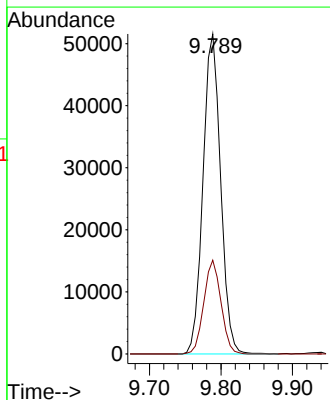
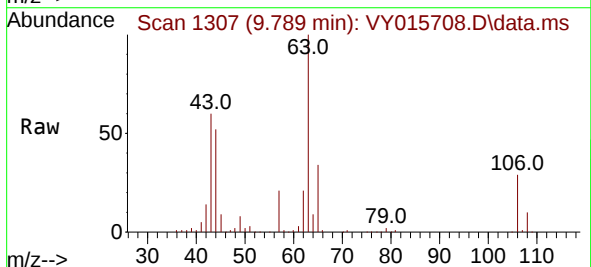
Manual Integrations
APPROVED

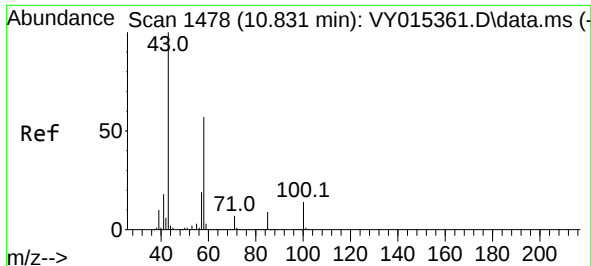
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#58
2-Chloroethyl Vinyl ether
Concen: 101.148 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. 0.013 min
Lab File: VY015708.D
Acq: 26 Sep 2023 14:03

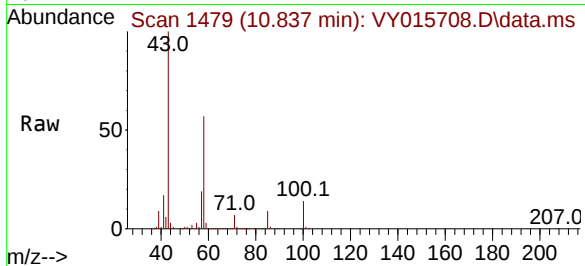
Tgt Ion: 63 Resp: 88145
Ion Ratio Lower Upper
63 100
106 28.5 21.2 31.8





#59
2-Hexanone
Concen: 132.080 ug/l
RT: 10.837 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VY015708.D
Acq: 26 Sep 2023 14:03

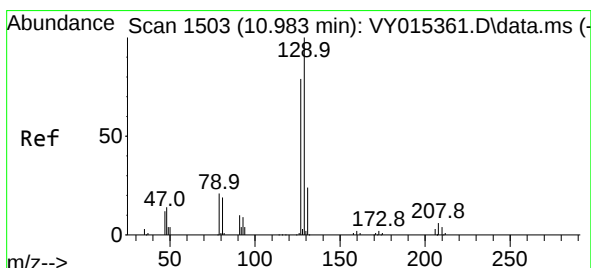
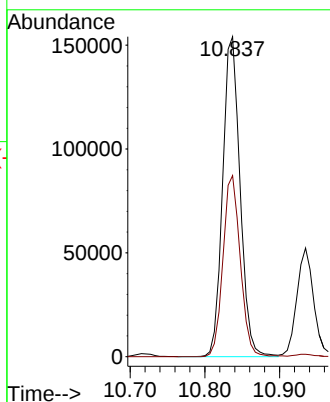
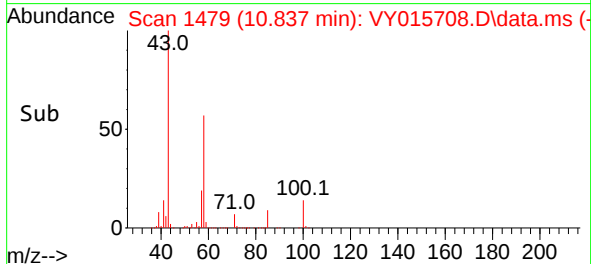
Instrument :
MSVOA_Y
ClientSampleId :
VY0926SBSD01



Tgt Ion: 43 Resp: 24990
Ion Ratio Lower Upper
43 100
58 56.3 25.1 75.3

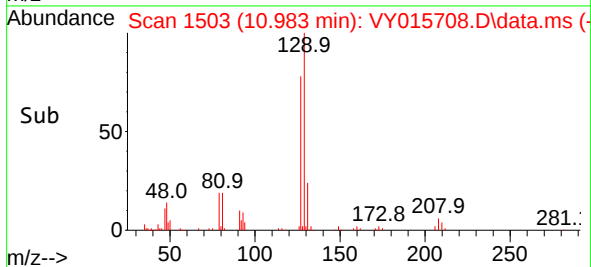
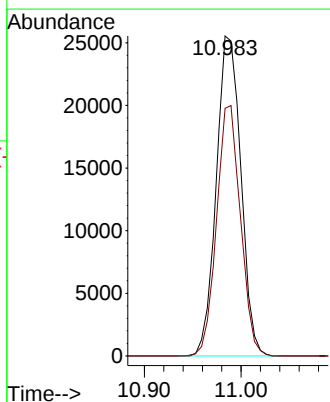
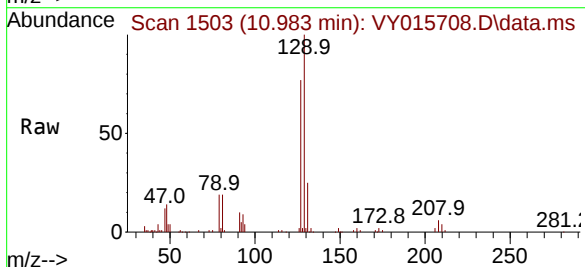
Manual Integrations
APPROVED

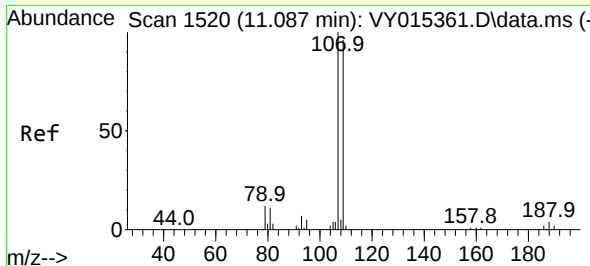
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#60
Dibromochloromethane
Concen: 20.747 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY015708.D
Acq: 26 Sep 2023 14:03

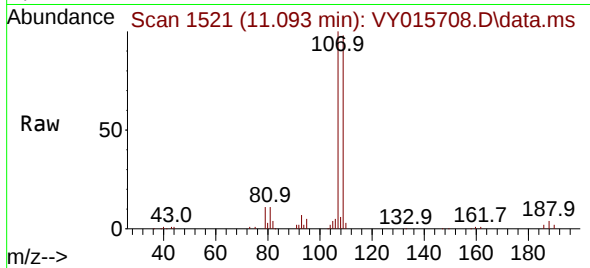
Tgt Ion:129 Resp: 45087
Ion Ratio Lower Upper
129 100
127 75.9 38.5 115.5





#61
1,2-Dibromoethane
Concen: 20.853 ug/l
RT: 11.093 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VY015708.D
Acq: 26 Sep 2023 14:03

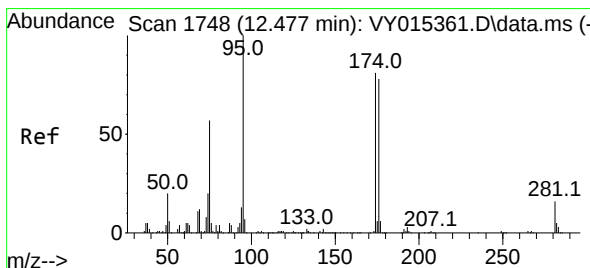
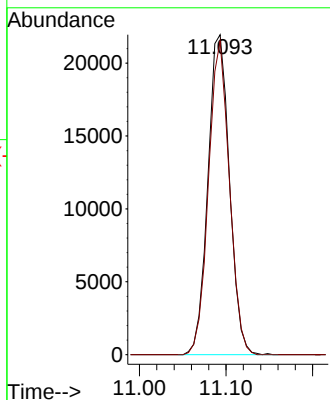
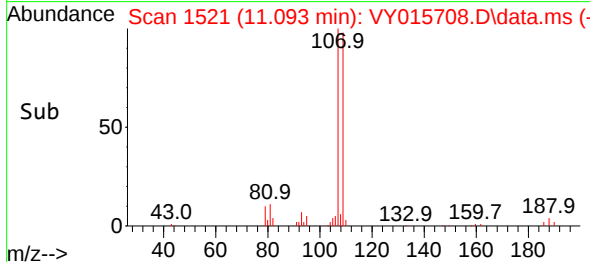
Instrument :
MSVOA_Y
ClientSampleId :
VY0926SBSD01



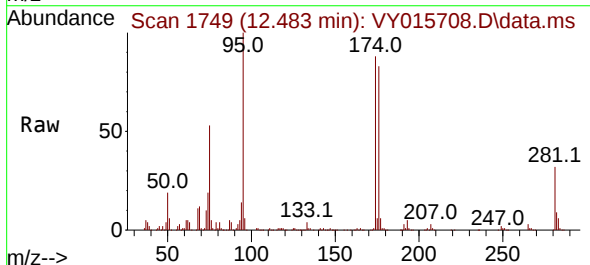
Tgt Ion:107 Resp: 37979
Ion Ratio Lower Upper
107 100
109 95.0 75.6 113.4

Manual Integrations
APPROVED

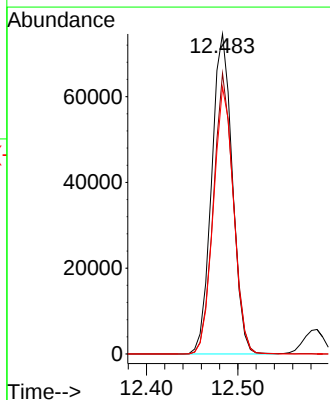
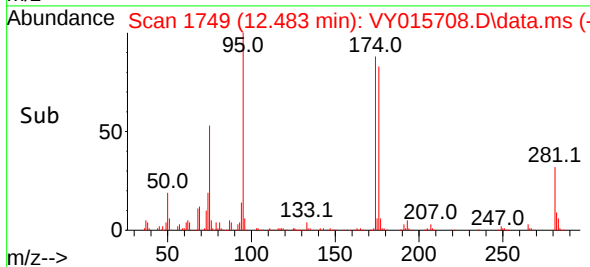
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023

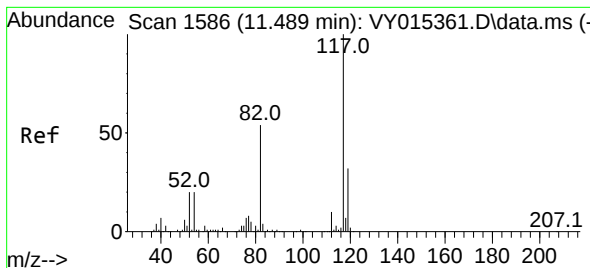


#62
4-Bromofluorobenzene
Concen: 55.798 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015708.D
Acq: 26 Sep 2023 14:03



Tgt Ion: 95 Resp: 117260
Ion Ratio Lower Upper
95 100
174 84.4 0.0 178.2
176 81.8 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY015708.D

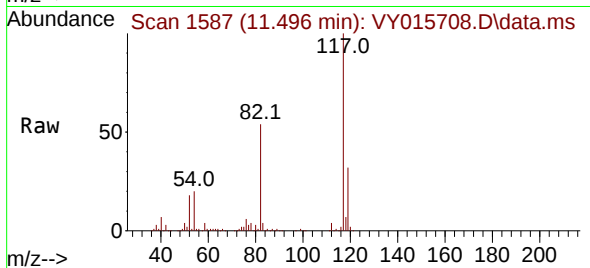
Acq: 26 Sep 2023 14:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0926SBSD01



Tgt Ion:117 Resp: 23928

Ion Ratio Lower Upper

117 100

82 53.9 43.4 65.0

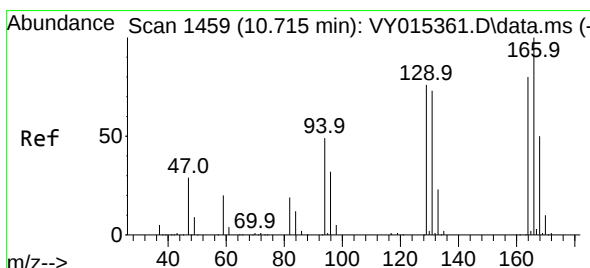
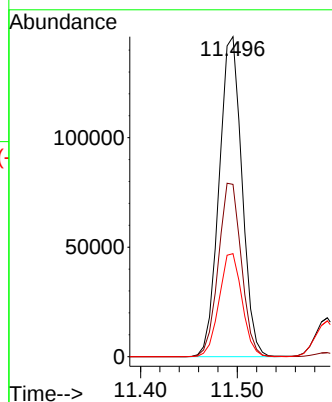
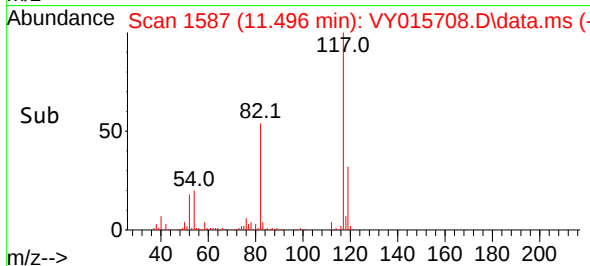
119 32.2 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/27/2023

Supervised By :Mahesh Dadoda 09/27/2023



#64

Tetrachloroethene

Concen: 21.658 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY015708.D

Acq: 26 Sep 2023 14:03

Tgt Ion:164 Resp: 44464

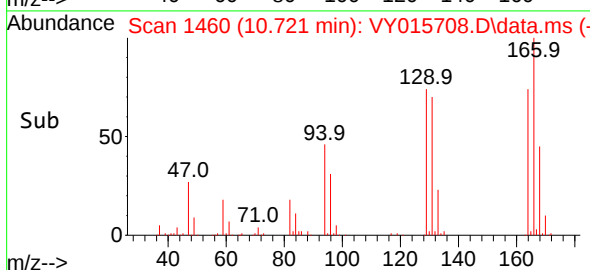
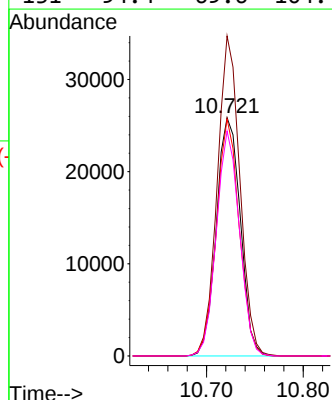
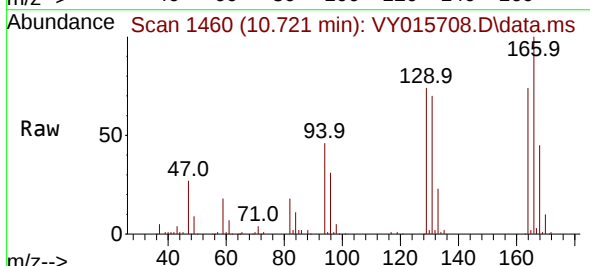
Ion Ratio Lower Upper

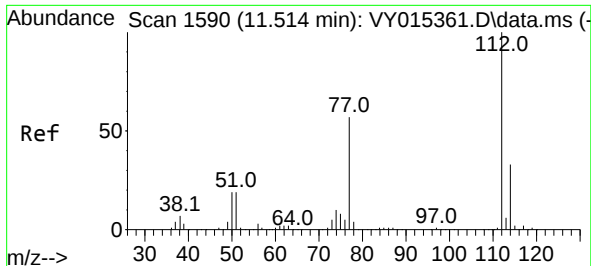
164 100

166 134.3 103.0 154.6

129 99.4 77.2 115.8

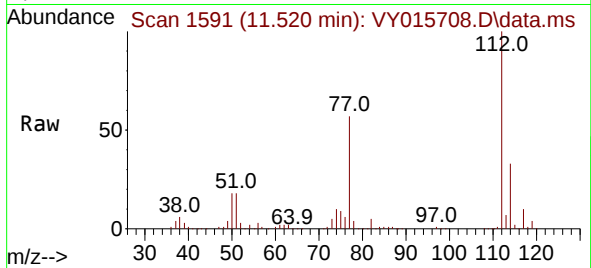
131 94.4 69.6 104.4





#65
Chlorobenzene
Concen: 20.004 ug/l
RT: 11.520 min Scan# 1150
Delta R.T. 0.006 min
Lab File: VY015708.D
Acq: 26 Sep 2023 14:03

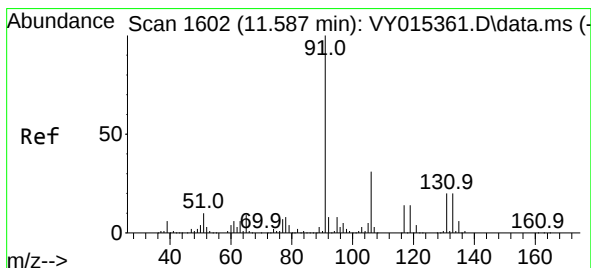
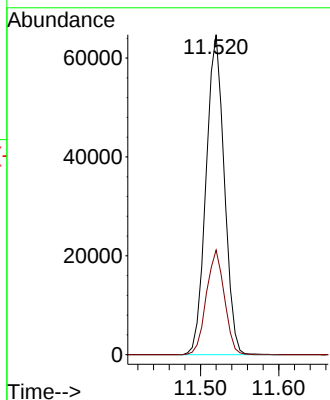
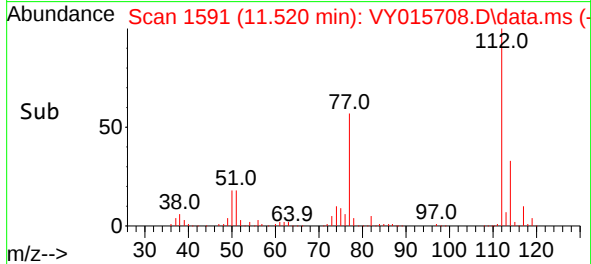
Instrument :
MSVOA_Y
ClientSampleId :
VY0926SBS01



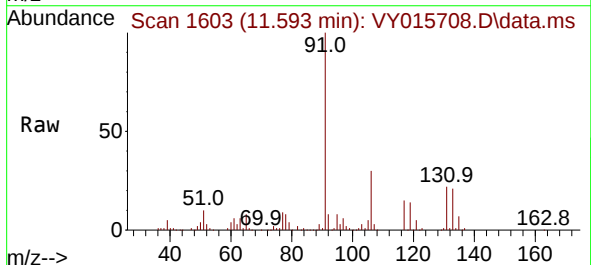
Tgt Ion:112 Resp: 10448
Ion Ratio Lower Upper
112 100
114 32.7 25.5 38.3

Manual Integrations
APPROVED

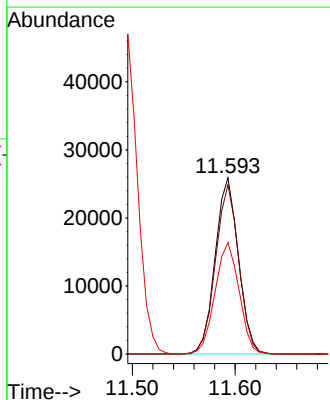
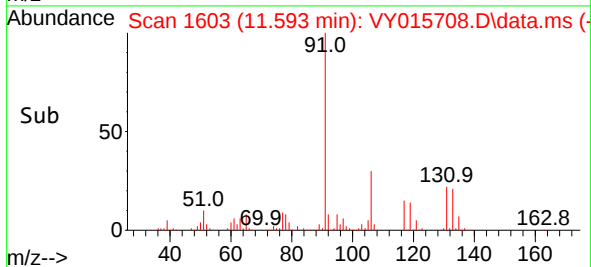
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023

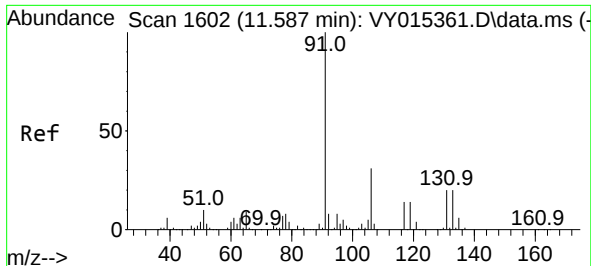


#66
1,1,1,2-Tetrachloroethane
Concen: 19.989 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY015708.D
Acq: 26 Sep 2023 14:03



Tgt Ion:131 Resp: 40555
Ion Ratio Lower Upper
131 100
133 96.3 47.5 142.6
119 65.5 31.6 94.7





#67

Ethyl Benzene

Concen: 19.869 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY015708.D

Acq: 26 Sep 2023 14:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0926SBS01

Tgt Ion: 91 Resp: 181392

Ion Ratio Lower Upper

91 100

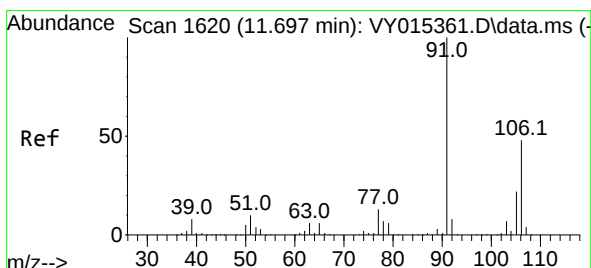
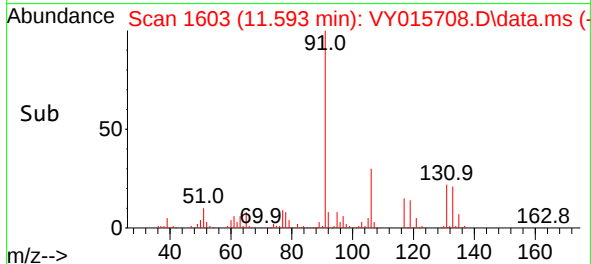
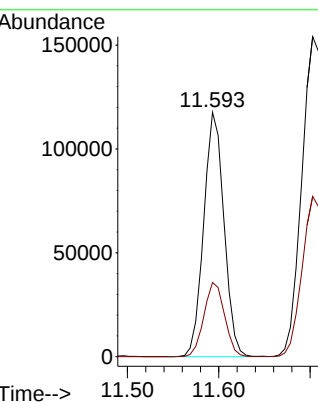
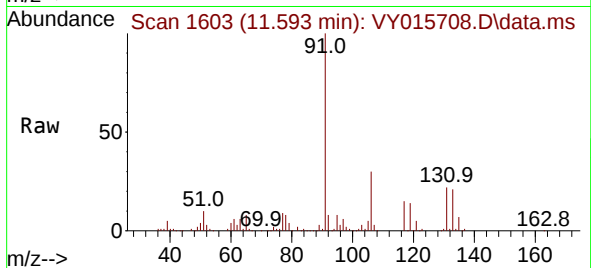
106 30.4 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/27/2023

Supervised By :Mahesh Dadoda 09/27/2023



#68

m/p-Xylenes

Concen: 40.138 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY015708.D

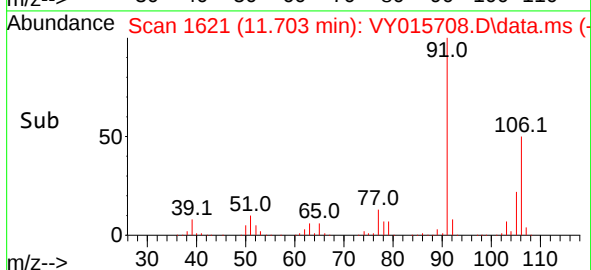
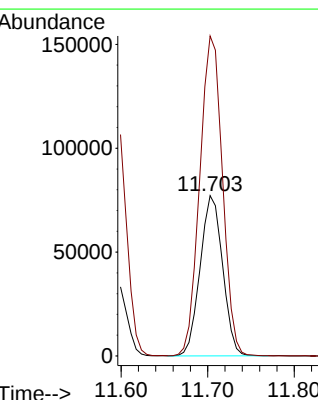
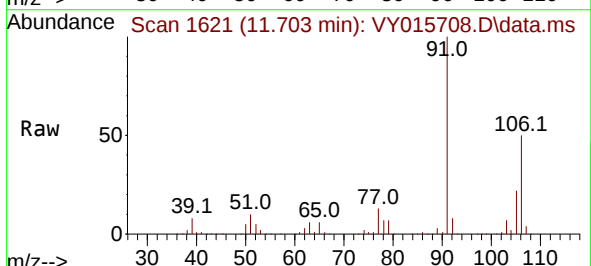
Acq: 26 Sep 2023 14:03

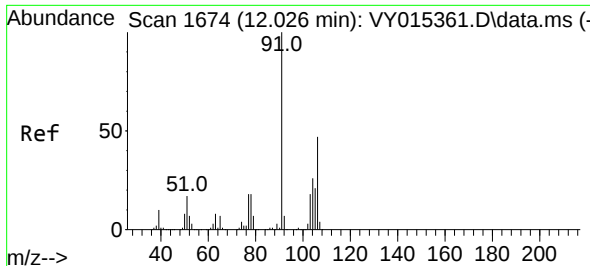
Tgt Ion:106 Resp: 139277

Ion Ratio Lower Upper

106 100

91 201.6 166.1 249.1





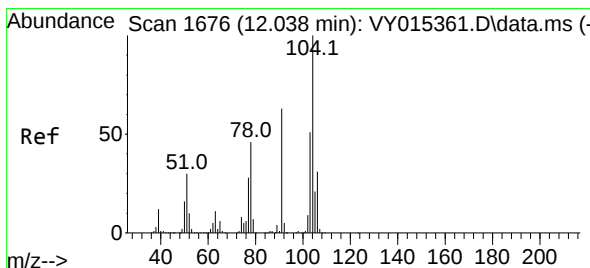
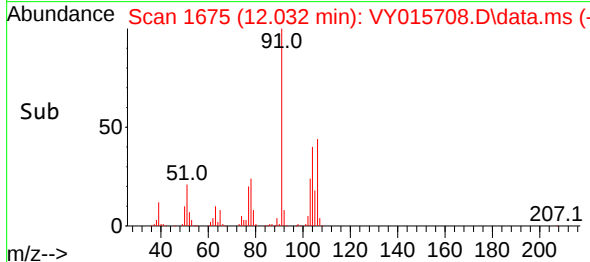
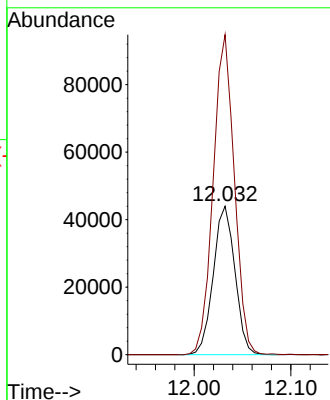
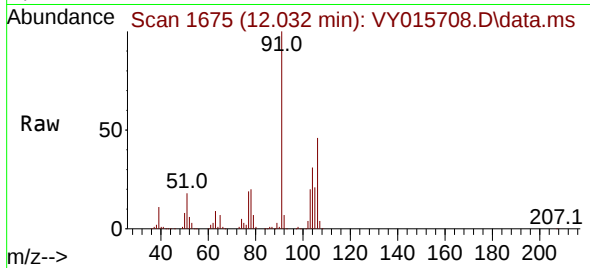
#69
o-Xylene
Concen: 20.081 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY015708.D
Acq: 26 Sep 2023 14:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0926SBSD01

Tgt Ion:106 Resp: 68320
Ion Ratio Lower Upper
106 100
91 211.3 108.1 324.3

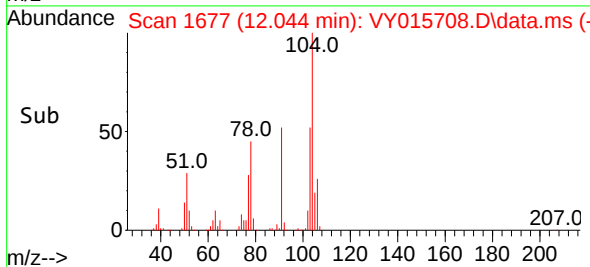
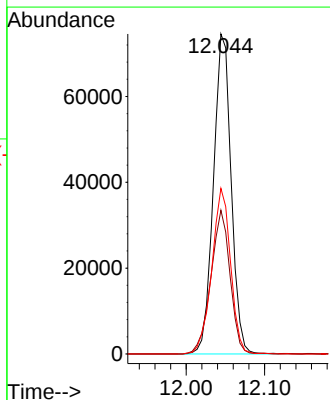
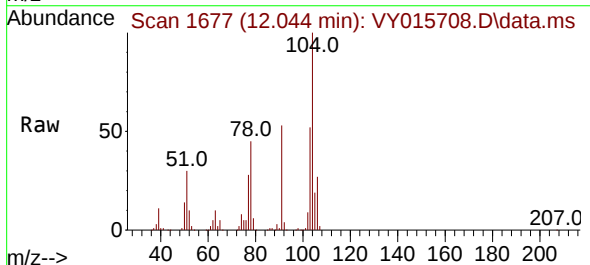
Manual Integrations
APPROVED

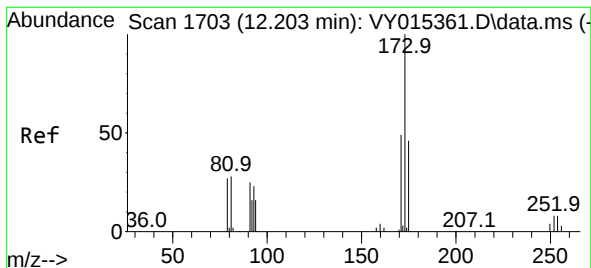
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#70
Styrene
Concen: 20.156 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY015708.D
Acq: 26 Sep 2023 14:03

Tgt Ion:104 Resp: 117389
Ion Ratio Lower Upper
104 100
78 48.6 41.5 62.3
103 54.7 44.6 67.0





#71

Bromoform

Concen: 21.700 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY015708.D

Acq: 26 Sep 2023 14:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0926SBS01

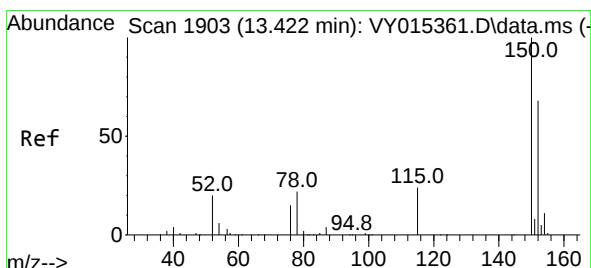
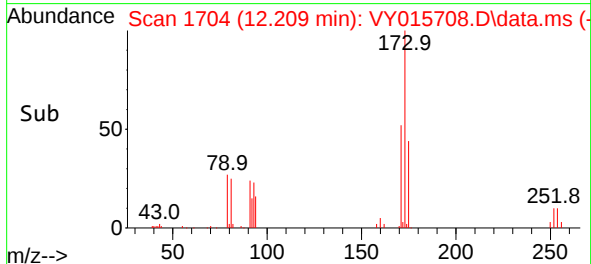
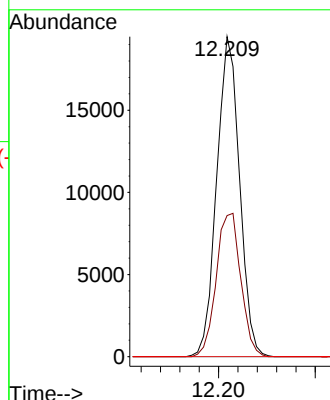
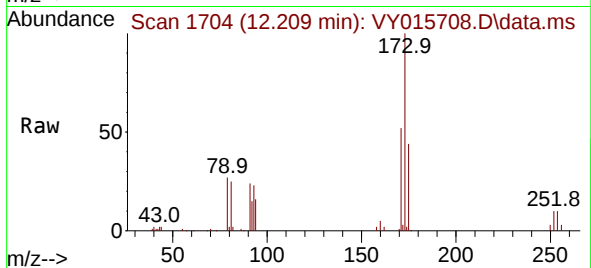
Tgt Ion:173	Resp:	31904
Ion Ratio	Lower	Upper
173	100	
175	48.2	24.6 73.8
254	0.0	0.2 0.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/27/2023

Supervised By :Mahesh Dadoda 09/27/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

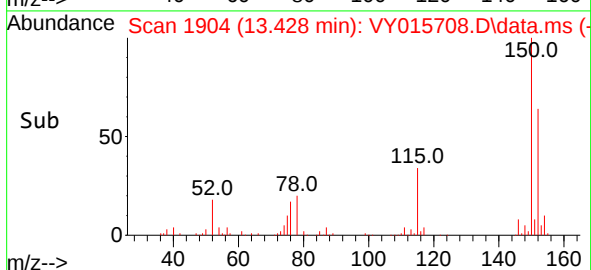
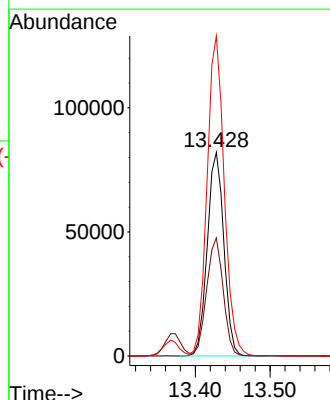
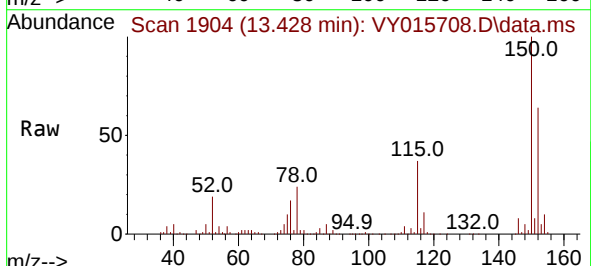
RT: 13.428 min Scan# 1904

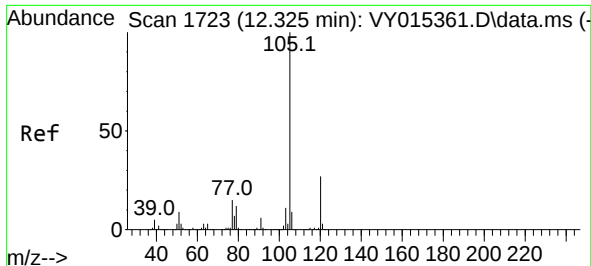
Delta R.T. 0.006 min

Lab File: VY015708.D

Acq: 26 Sep 2023 14:03

Tgt Ion:152	Resp:	126009
Ion Ratio	Lower	Upper
152	100	
115	58.1	28.8 86.5
150	162.7	0.0 348.8





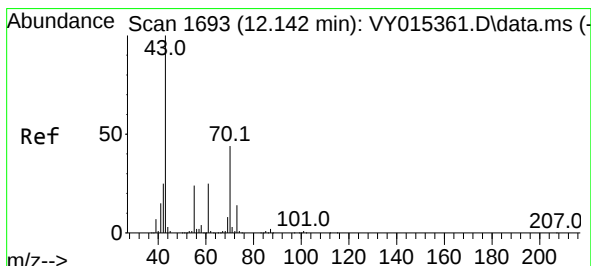
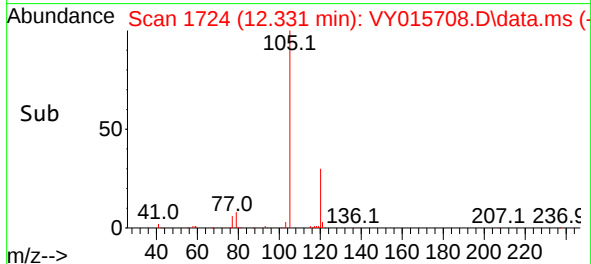
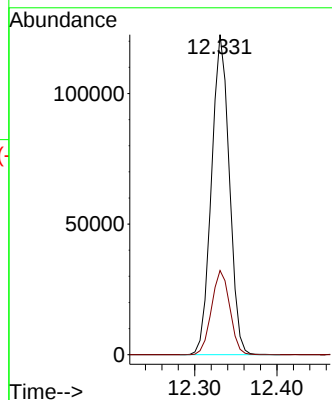
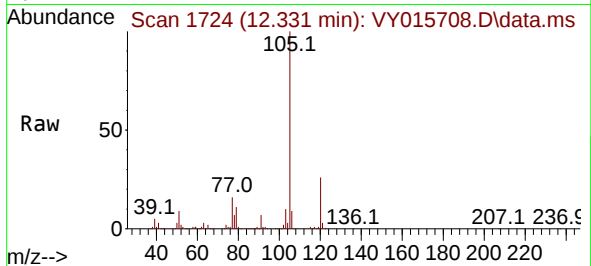
#73
Isopropylbenzene
Concen: 19.533 ug/l
RT: 12.331 min Scan# 1723
Delta R.T. 0.006 min
Lab File: VY015708.D
Acq: 26 Sep 2023 14:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0926SBS01

Tgt Ion: 105 Resp: 18464
Ion Ratio Lower Upper
105 100
120 26.9 13.3 39.9

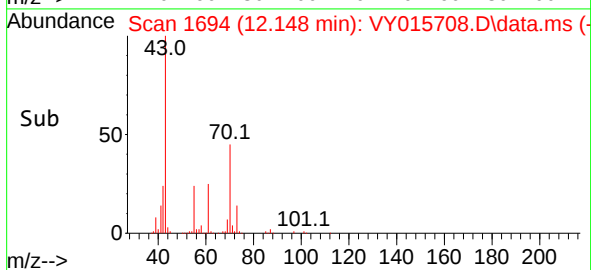
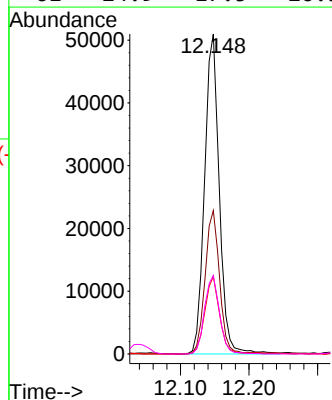
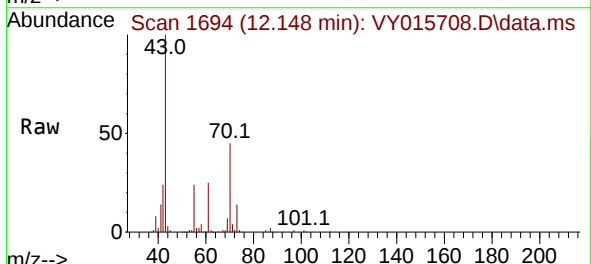
Manual Integrations
APPROVED

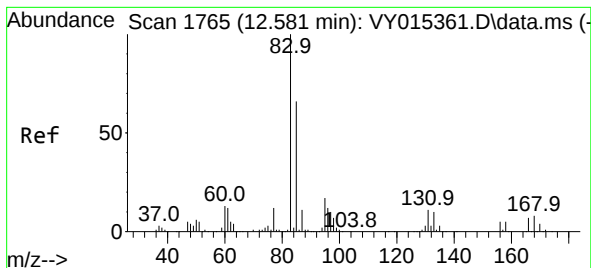
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#74
N-ethyl acetate
Concen: 21.463 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VY015708.D
Acq: 26 Sep 2023 14:03

Tgt Ion: 43 Resp: 76255
Ion Ratio Lower Upper
43 100
70 43.9 29.7 44.5
55 24.3 18.3 27.5
61 24.9 17.5 26.3





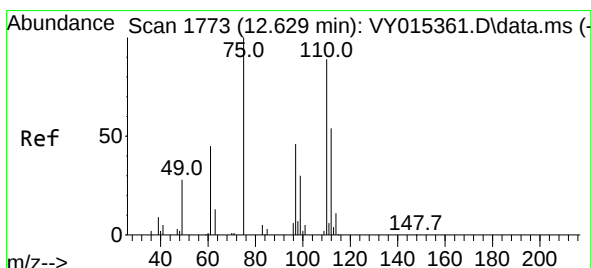
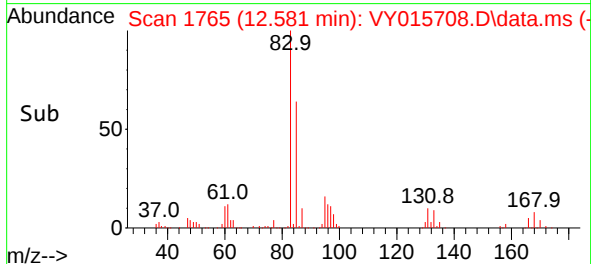
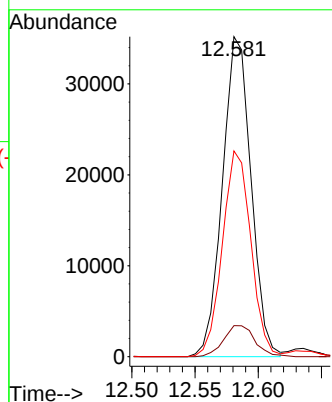
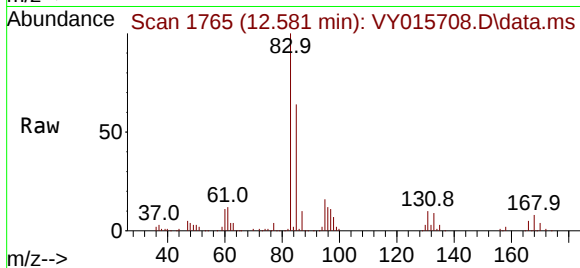
#75
1,1,2,2-Tetrachloroethane
Concen: 21.046 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY015708.D
Acq: 26 Sep 2023 14:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0926SBS01

Tgt Ion: 83 Resp: 55369
Ion Ratio Lower Upper
83 100
131 10.6 5.4 16.2
85 64.0 31.8 95.4

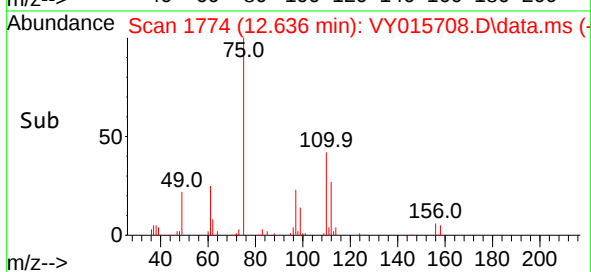
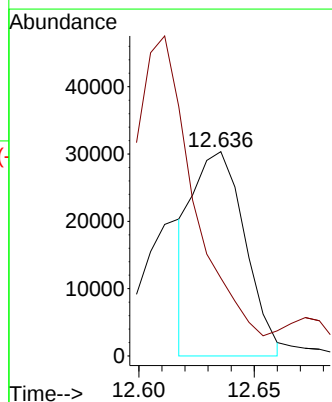
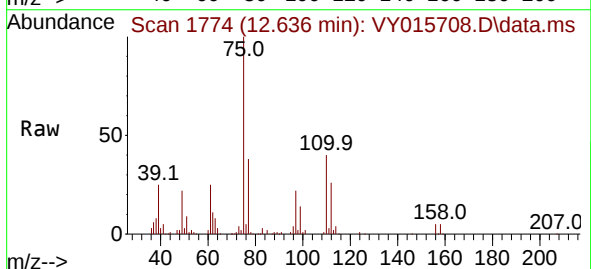
Manual Integrations
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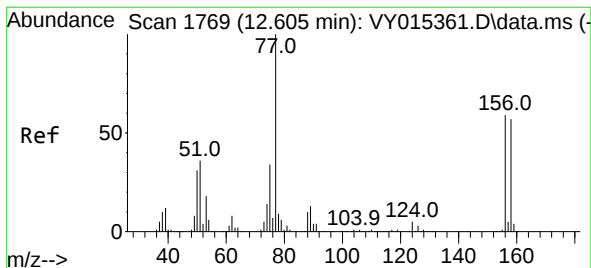
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#76
1,2,3-Trichloropropane
Concen: 23.875 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. 0.007 min
Lab File: VY015708.D
Acq: 26 Sep 2023 14:03

Tgt Ion: 75 Resp: 47996
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 18.982 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY015708.D

Acq: 26 Sep 2023 14:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0926SBSD01

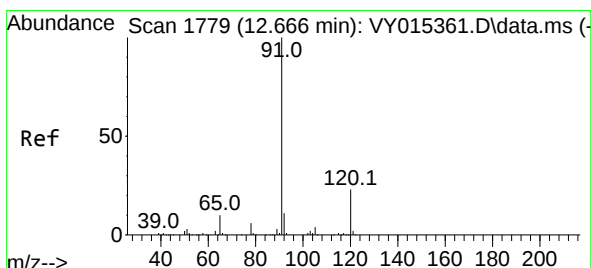
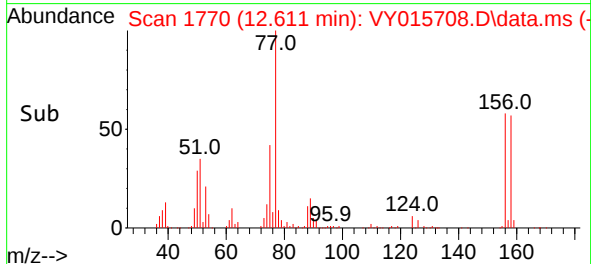
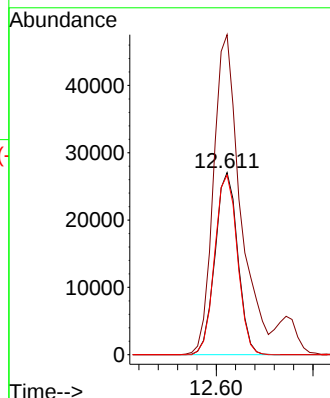
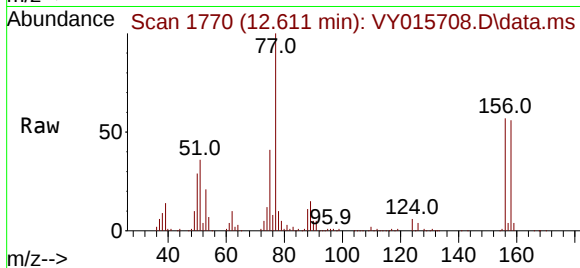
Tgt Ion:156 Resp: 44045
 Ion Ratio Lower Upper
 156 100
 77 207.2 92.8 278.6
 158 98.6 48.4 145.3

Manual Integrations

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Reviewed By :John Carlone 09/27/2023

Supervised By :Mahesh Dadoda 09/27/2023



#78

n-propylbenzene

Concen: 19.660 ug/l

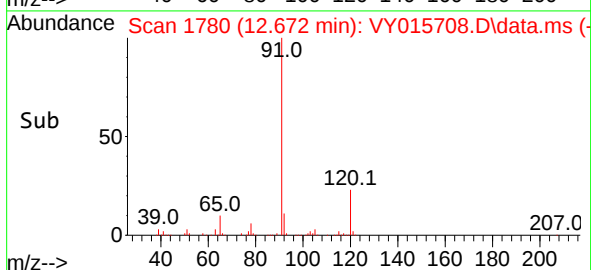
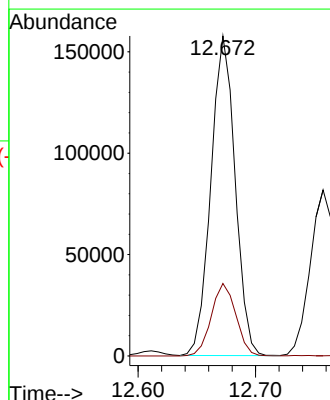
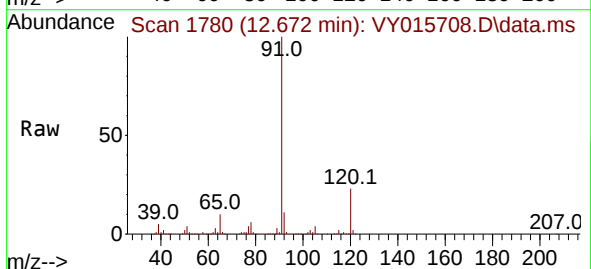
RT: 12.672 min Scan# 1780

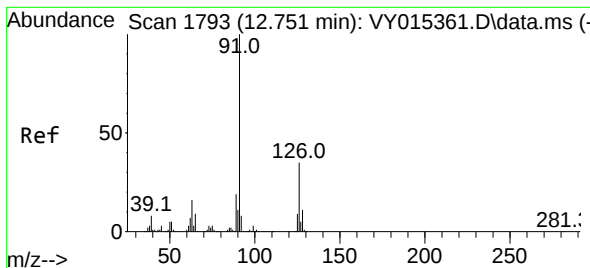
Delta R.T. 0.006 min

Lab File: VY015708.D

Acq: 26 Sep 2023 14:03

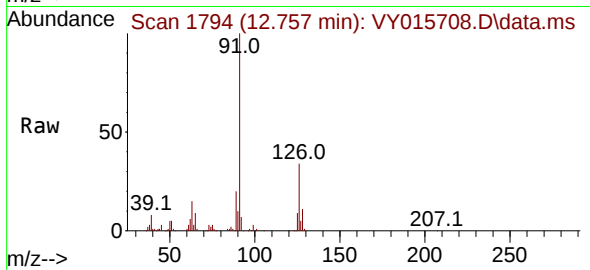
Tgt Ion: 91 Resp: 225777
 Ion Ratio Lower Upper
 91 100
 120 23.0 11.5 34.4





#79
2-Chlorotoluene
Concen: 19.232 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VY015708.D
Acq: 26 Sep 2023 14:03

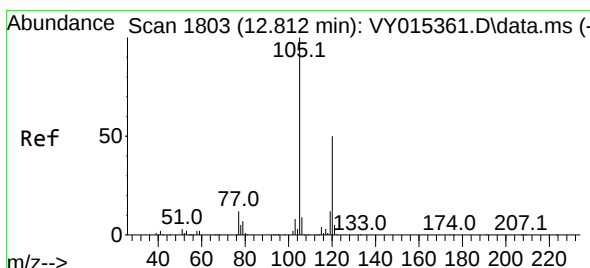
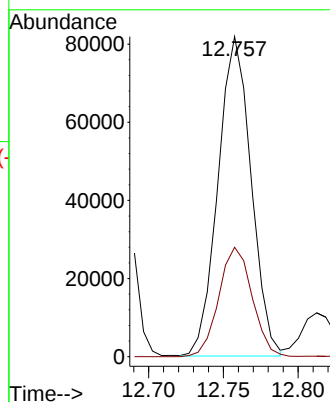
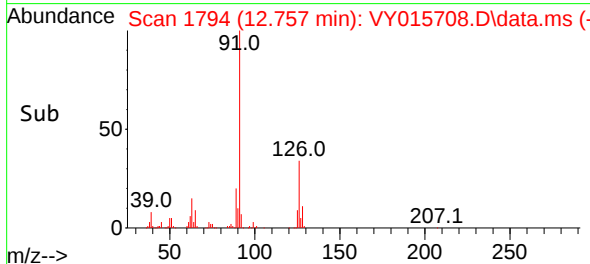
Instrument :
MSVOA_Y
ClientSampleId :
VY0926SBS01



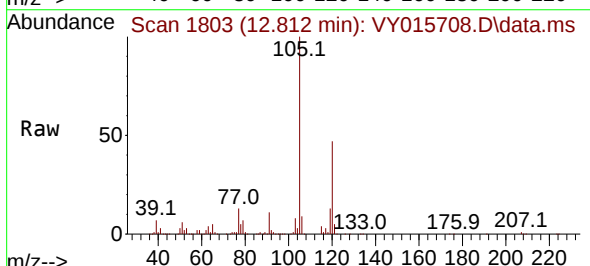
Tgt Ion: 91 Resp: 12589
Ion Ratio Lower Upper
91 100
126 34.4 17.3 51.7

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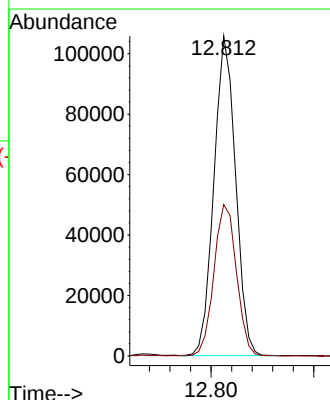
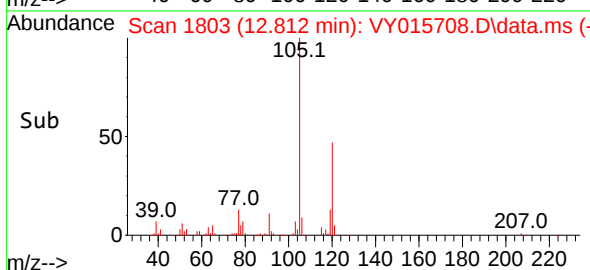
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023

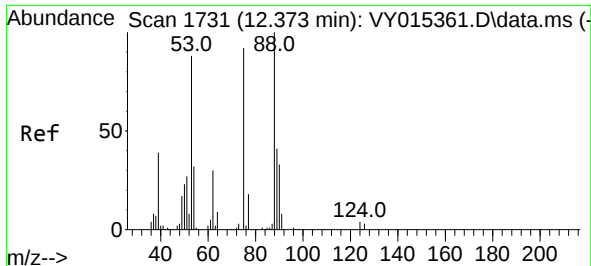


#80
1,3,5-Trimethylbenzene
Concen: 19.529 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY015708.D
Acq: 26 Sep 2023 14:03



Tgt Ion:105 Resp: 154545
Ion Ratio Lower Upper
105 100
120 49.3 23.9 71.7





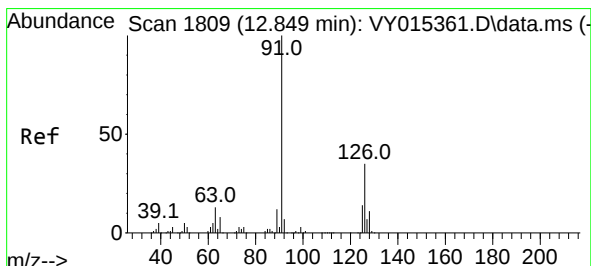
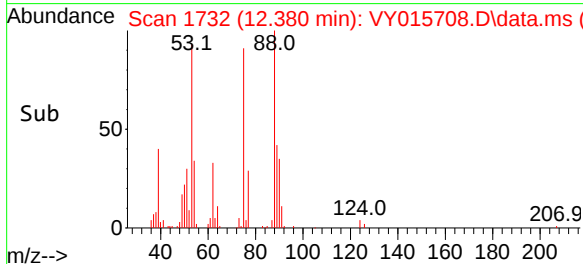
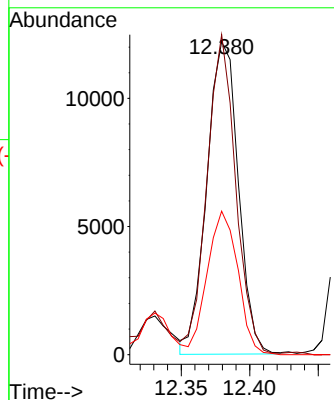
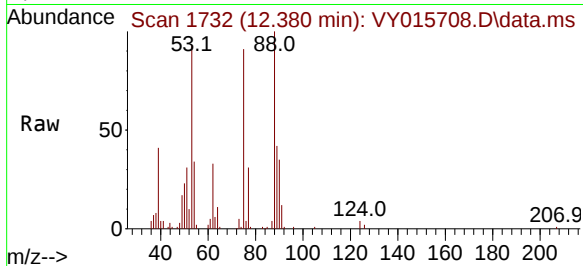
#81
trans-1,4-Dichloro-2-butene
Concen: 21.777 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.001 min
Lab File: VY015708.D
Acq: 26 Sep 2023 14:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0926SBS01

Tgt Ion: 75 Resp: 19440
Ion Ratio Lower Upper
75 100
53 93.0 77.8 116.8
89 44.5 37.4 56.0

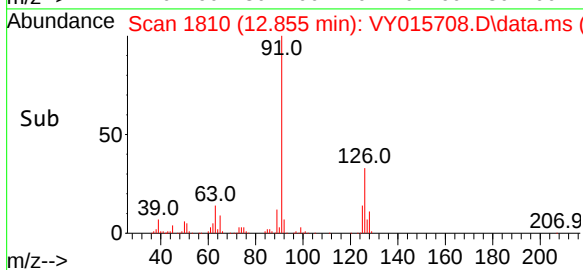
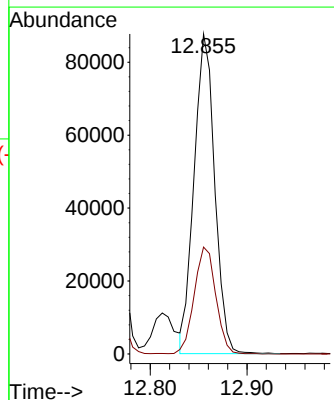
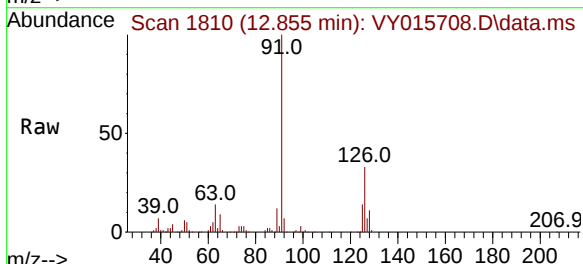
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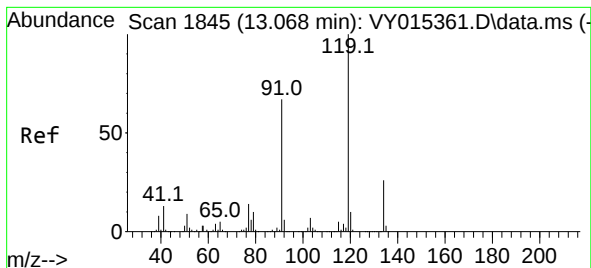
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#82
4-Chlorotoluene
Concen: 18.991 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY015708.D
Acq: 26 Sep 2023 14:03

Tgt Ion: 91 Resp: 129779
Ion Ratio Lower Upper
91 100
126 35.1 17.2 51.6





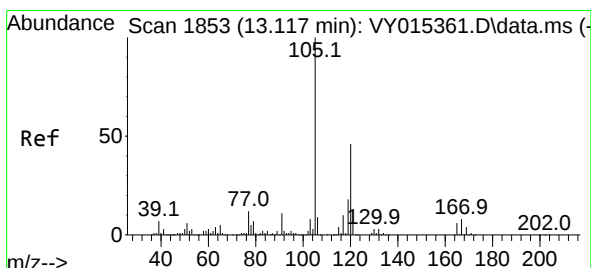
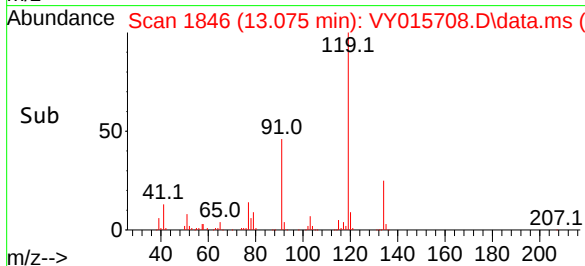
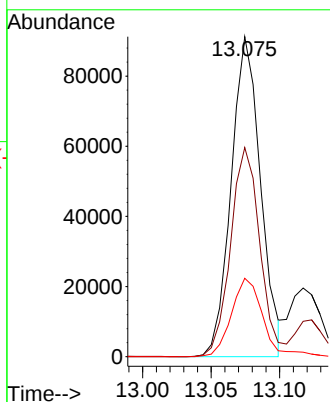
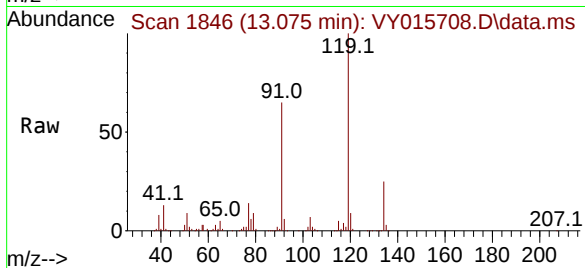
#83
tert-Butylbenzene
Concen: 19.681 ug/l
RT: 13.075 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VY015708.D
Acq: 26 Sep 2023 14:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0926SBSD01

Tgt Ion:119 Resp: 13641
Ion Ratio Lower Upper
119 100
91 65.5 32.9 98.6
134 26.3 13.0 38.9

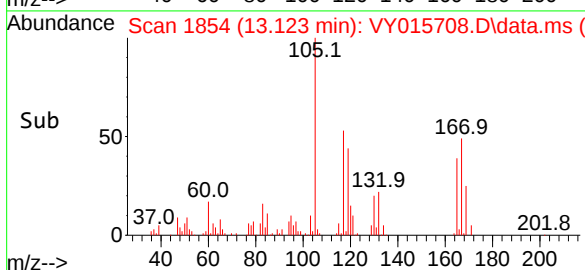
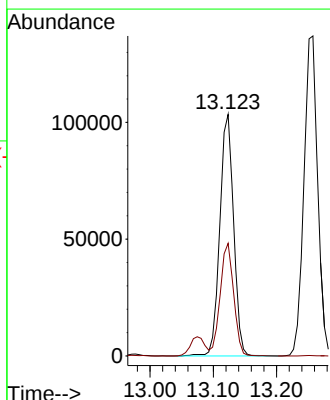
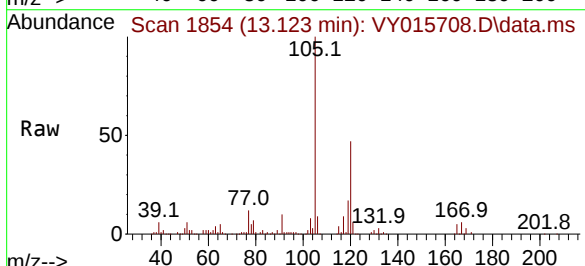
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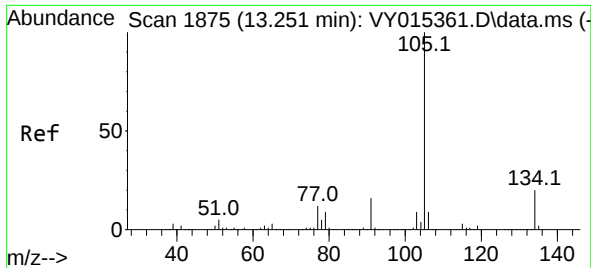
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#84
1,2,4-Trimethylbenzene
Concen: 19.671 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY015708.D
Acq: 26 Sep 2023 14:03

Tgt Ion:105 Resp: 155757
Ion Ratio Lower Upper
105 100
120 45.7 22.2 66.6





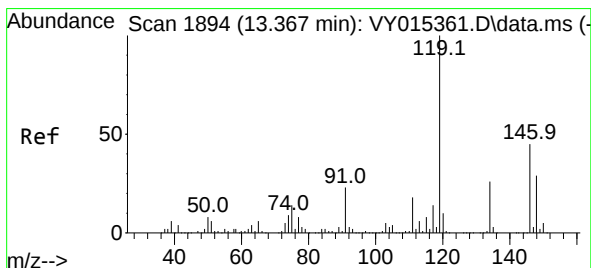
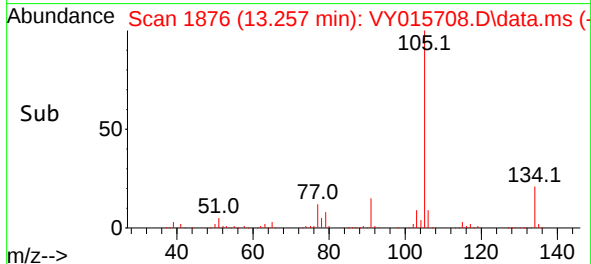
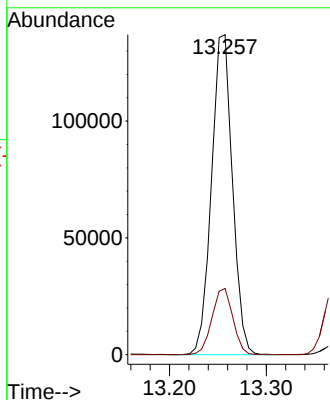
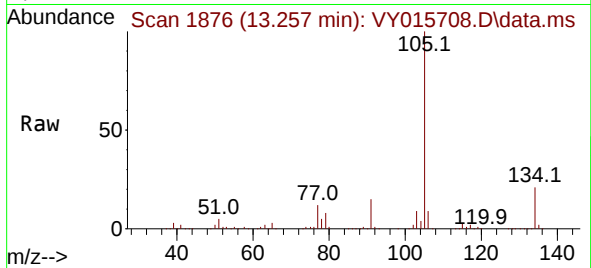
#85
 sec-Butylbenzene
 Concen: 19.865 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. 0.006 min
 Lab File: VY015708.D
 Acq: 26 Sep 2023 14:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0926SBS01

Tgt Ion:105 Resp: 206052
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.2 30.6

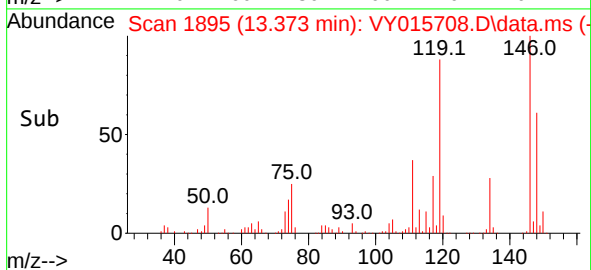
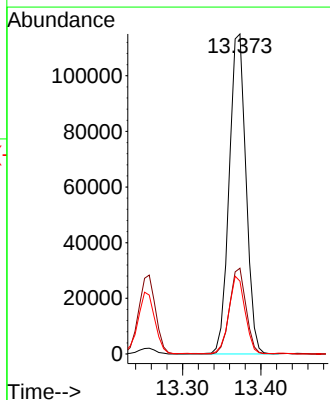
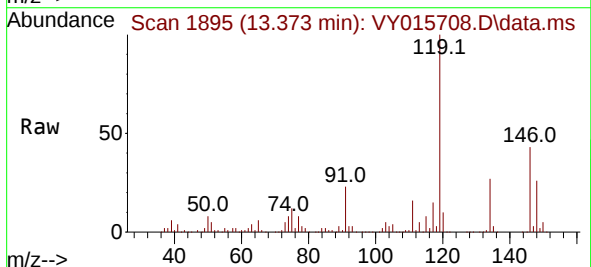
Manual Integrations
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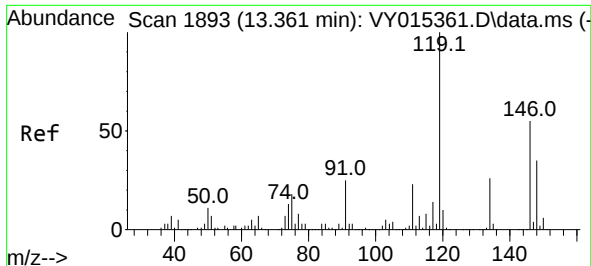
Reviewed By :John Carlone 09/27/2023
 Supervised By :Mahesh Dadoda 09/27/2023



#86
 p-Isopropyltoluene
 Concen: 19.758 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY015708.D
 Acq: 26 Sep 2023 14:03

Tgt Ion:119 Resp: 171190
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.3 39.8
 91 23.3 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 19.671 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015708.D

Acq: 26 Sep 2023 14:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0926SBS01

Tgt Ion:146 Resp: 9055

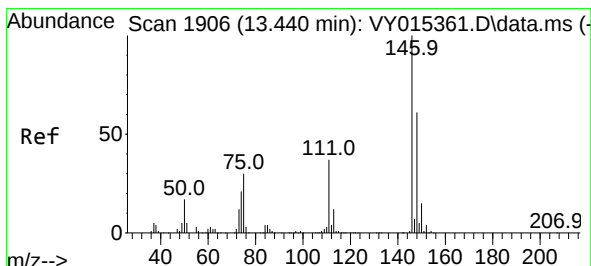
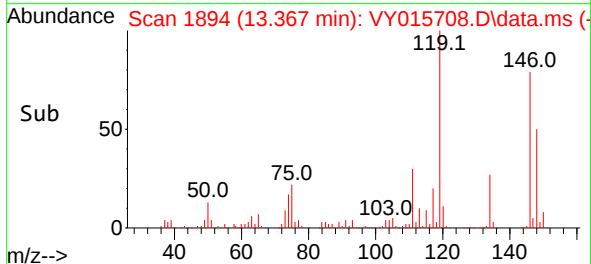
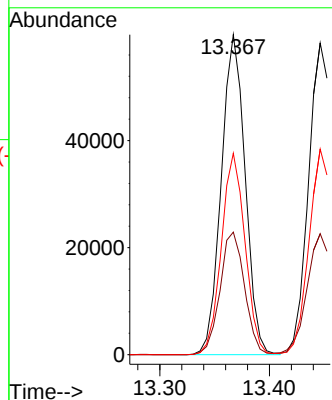
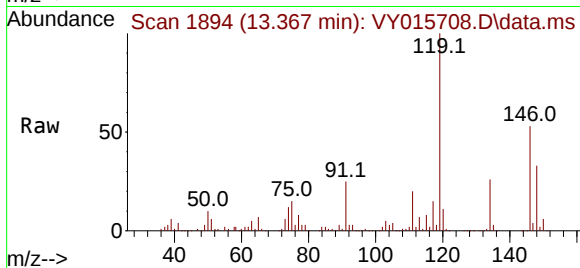
Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.4	58.2
148	62.2	31.9	95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/27/2023

Supervised By :Mahesh Dadoda 09/27/2023



#88

1,4-Dichlorobenzene

Concen: 19.768 ug/l

RT: 13.446 min Scan# 1907

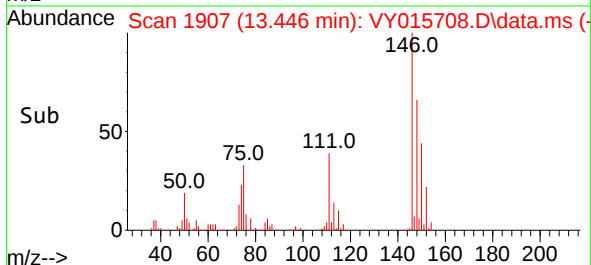
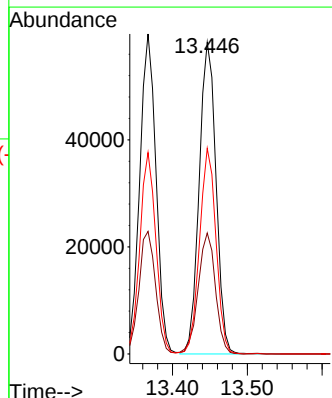
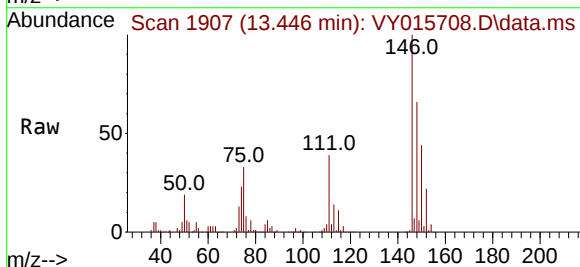
Delta R.T. 0.000 min

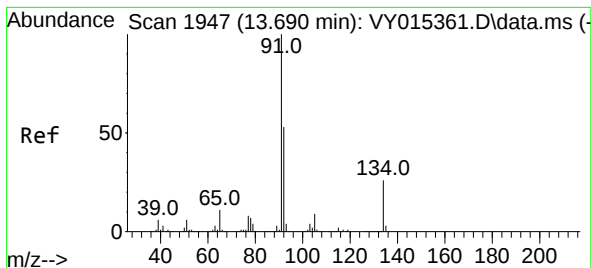
Lab File: VY015708.D

Acq: 26 Sep 2023 14:03

Tgt Ion:146 Resp: 91009

Ion	Ratio	Lower	Upper
146	100		
111	39.9	18.9	56.7
148	64.6	32.1	96.5





#89

n-Butylbenzene

Concen: 20.071 ug/l

RT: 13.696 min Scan# 1947

Delta R.T. 0.000 min

Lab File: VY015708.D

Acq: 26 Sep 2023 14:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0926SBS01

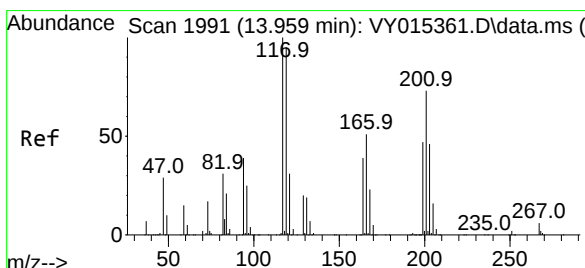
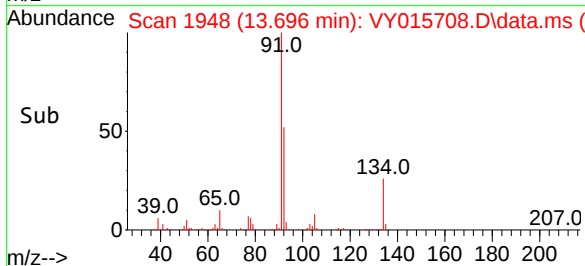
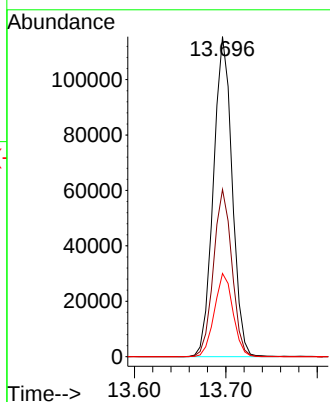
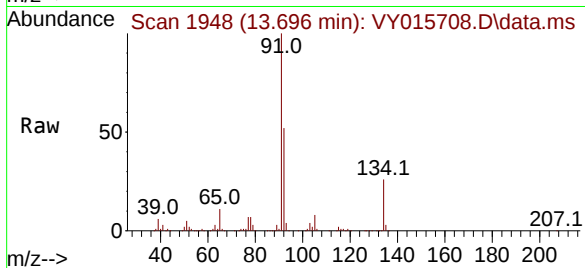
Tgt Ion:	91	Resp:	16467
Ion Ratio	Lower	Upper	
91	100		
92	51.4	25.4	76.0
134	25.8	12.6	37.6

Manual Integrations

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Reviewed By :John Carlone 09/27/2023

Supervised By :Mahesh Dadoda 09/27/2023



#90

Hexachloroethane

Concen: 19.442 ug/l

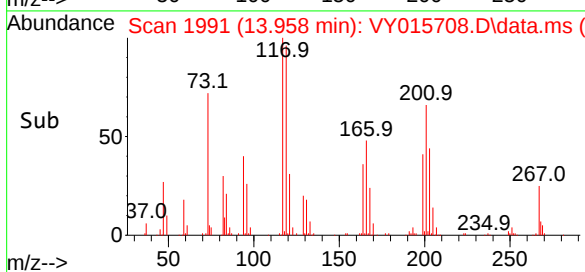
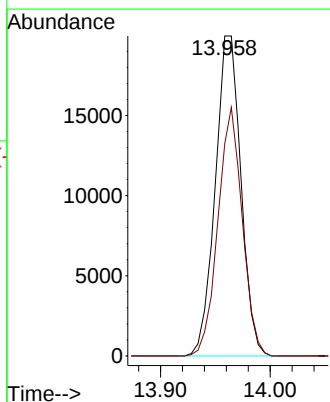
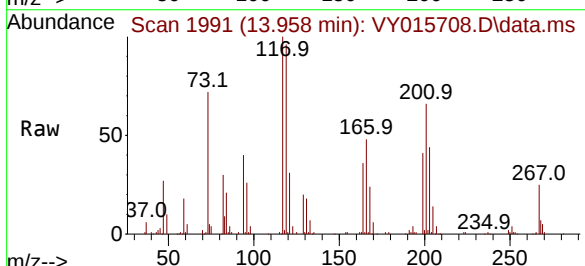
RT: 13.958 min Scan# 1991

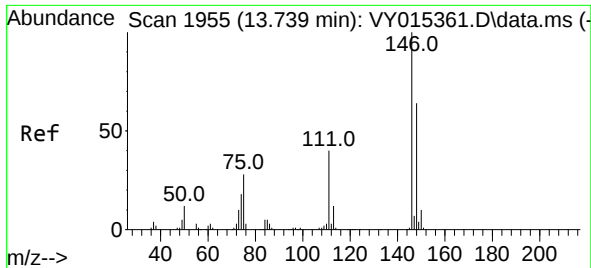
Delta R.T. -0.001 min

Lab File: VY015708.D

Acq: 26 Sep 2023 14:03

Tgt Ion:	117	Resp:	32511
Ion Ratio	Lower	Upper	
117	100		
201	73.5	41.6	124.8





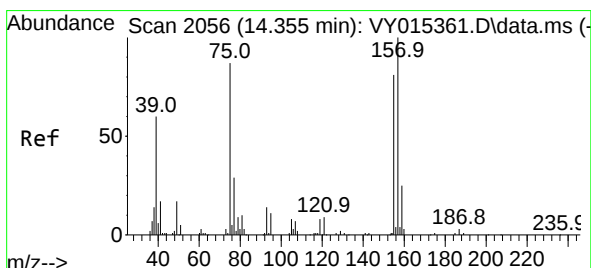
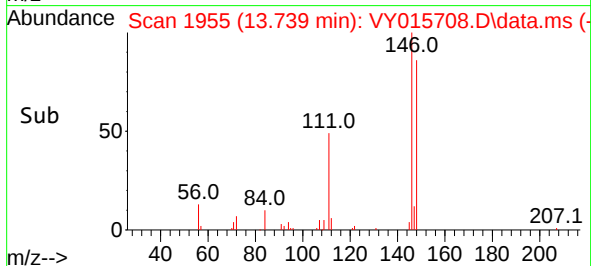
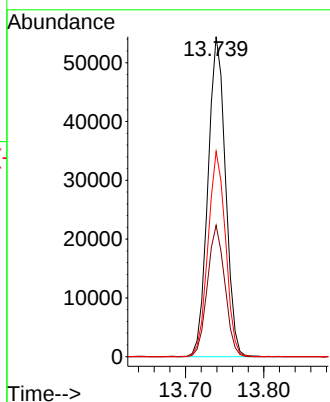
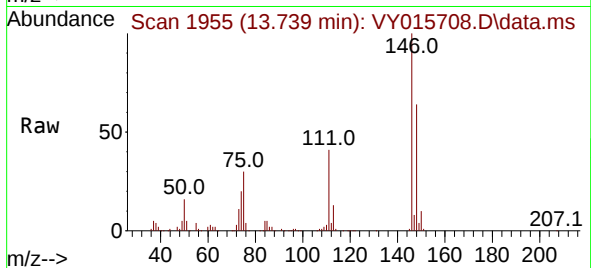
#91
1,2-Dichlorobenzene
Concen: 19.919 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY015708.D
Acq: 26 Sep 2023 14:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0926SBSD01

Tgt Ion:146 Resp: 8464
Ion Ratio Lower Upper
146 100
111 40.7 19.7 59.0
148 63.9 32.0 96.2

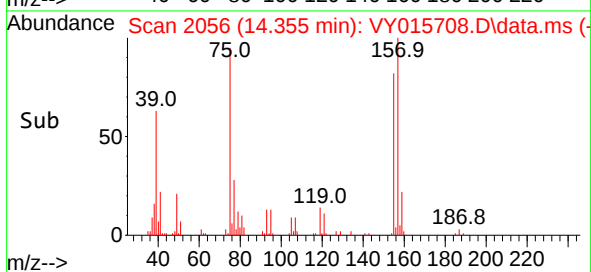
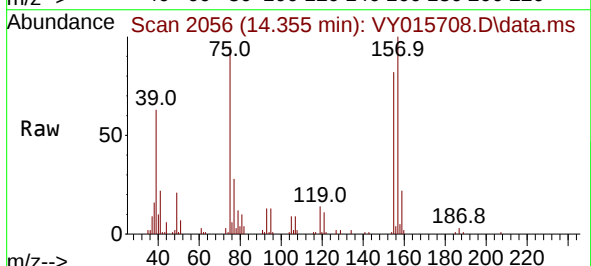
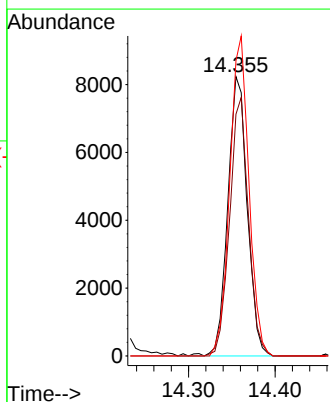
Manual Integrations
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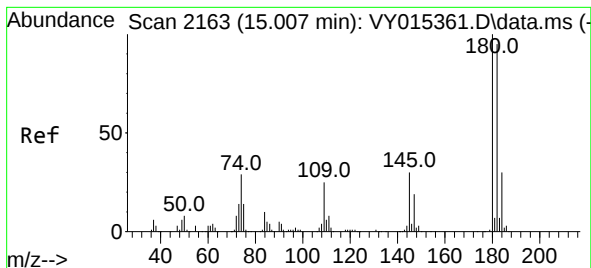
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 24.639 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY015708.D
Acq: 26 Sep 2023 14:03

Tgt Ion: 75 Resp: 12874
Ion Ratio Lower Upper
75 100
155 89.4 41.5 124.6
157 112.5 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 20.207 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.006 min

Lab File: VY015708.D

Acq: 26 Sep 2023 14:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0926SBS01

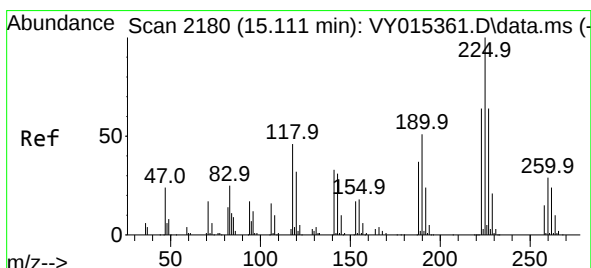
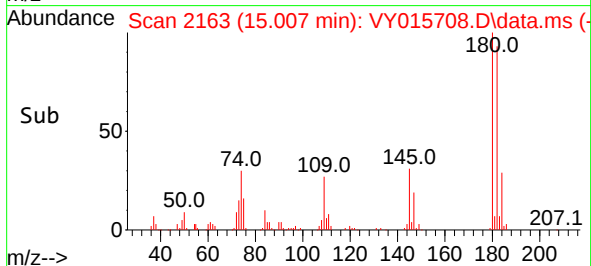
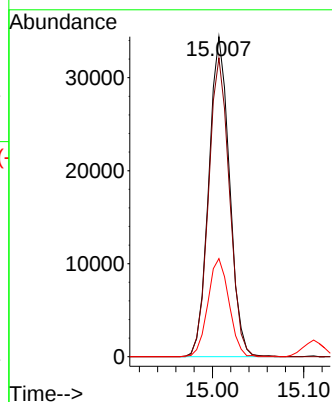
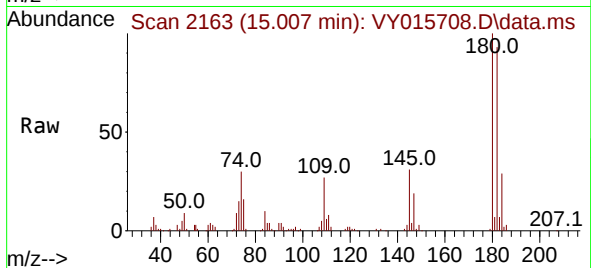
Tgt Ion:	180	Resp:	5405
Ion Ratio	Lower	Upper	
180	100		
182	94.2	47.0	141.2
145	31.2	14.5	43.5

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#94

Hexachlorobutadiene

Concen: 19.750 ug/l

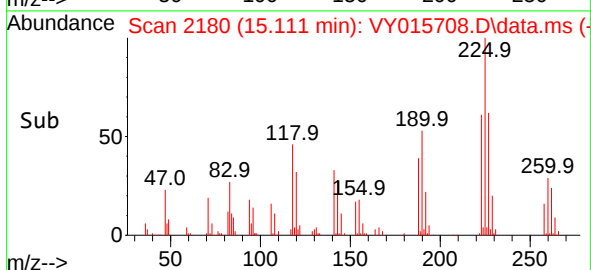
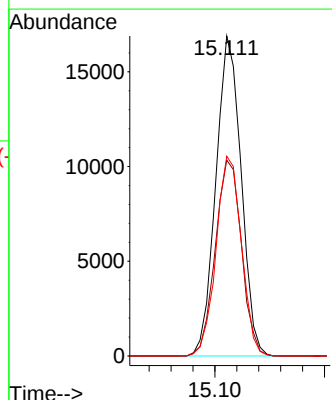
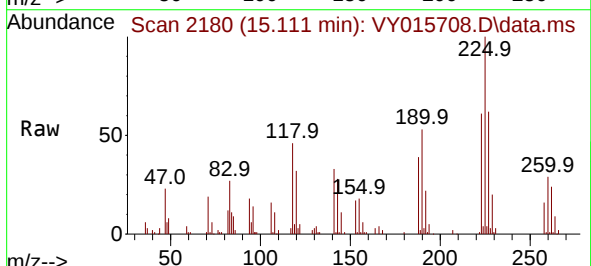
RT: 15.111 min Scan# 2180

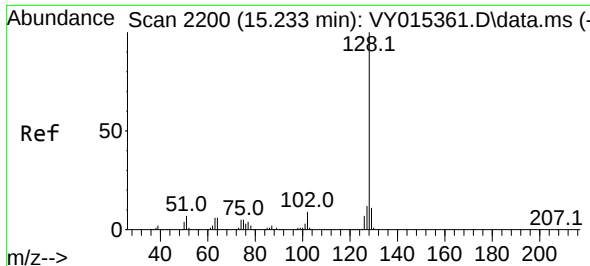
Delta R.T. -0.000 min

Lab File: VY015708.D

Acq: 26 Sep 2023 14:03

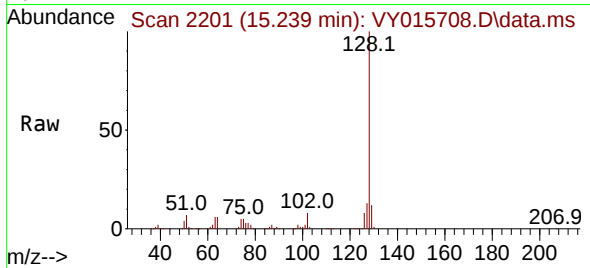
Tgt Ion:	225	Resp:	27057
Ion Ratio	Lower	Upper	
225	100		
223	63.3	31.9	95.9
227	62.5	33.0	98.9





#95
Naphthalene
Concen: 22.065 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY015708.D
Acq: 26 Sep 2023 14:03

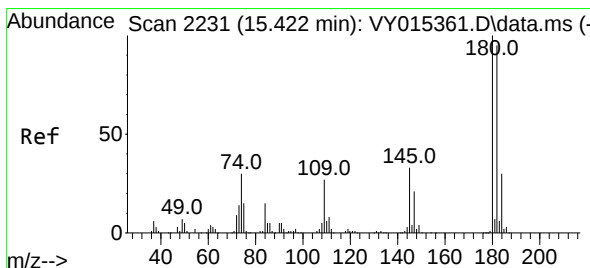
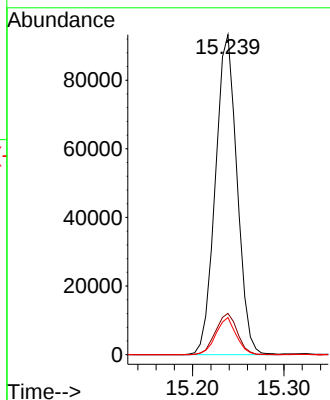
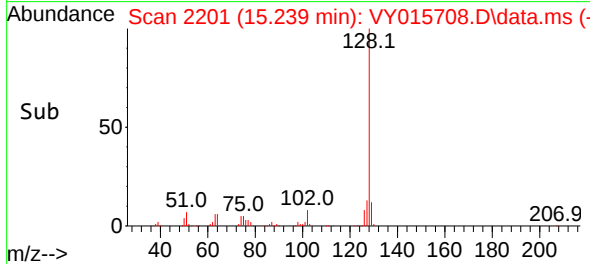
Instrument :
MSVOA_Y
ClientSampleId :
VY0926SBSD01



Tgt Ion:128 Resp: 153919
Ion Ratio Lower Upper
128 100
127 13.0 10.8 16.2
129 10.9 8.6 13.0

Manual Integrations
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Supervised By :Mahesh Dadoda 09/27/2023



#96
1,2,3-Trichlorobenzene
Concen: 20.206 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.006 min
Lab File: VY015708.D
Acq: 26 Sep 2023 14:03

Tgt Ion:180 Resp: 49893
Ion Ratio Lower Upper
180 100
182 96.6 47.3 141.8
145 32.3 15.4 46.2

