

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092123\
 Data File : VY015666.D
 Acq On : 21 Sep 2023 09:32
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: Sep 22 01:16:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	147593	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	242989	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	220167	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	112591	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	77344	47.628	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.260%		
35) Dibromofluoromethane	7.716	113	75491	51.906	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	103.820%		
50) Toluene-d8	10.179	98	246212	49.929	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	99.860%		
62) 4-Bromofluorobenzene	12.483	95	96571	49.903	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	99.800%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	54329	55.844	ug/l	98
3) Chloromethane	2.107	50	67228	54.774	ug/l	98
4) Vinyl Chloride	2.247	62	79921	56.951	ug/l	99
5) Bromomethane	2.644	94	61470	51.765	ug/l	98
6) Chloroethane	2.790	64	57819	55.587	ug/l	99
7) Trichlorofluoromethane	3.119	101	131620	55.926	ug/l	99
8) Diethyl Ether	3.528	74	52588	52.398	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.893	101	82902	56.260	ug/l	94
10) Methyl Iodide	4.088	142	83096	48.067	ug/l	98
11) Tert butyl alcohol	4.966	59	80408	238.948	ug/l #	82
12) 1,1-Dichloroethene	3.869	96	70443	54.251	ug/l	94
13) Acrolein	3.729	56	71884	289.036	ug/l	99
14) Allyl chloride	4.473	41	127321	53.630	ug/l	93
15) Acrylonitrile	5.155	53	186228	252.944	ug/l	98
16) Acetone	3.948	43	260443	299.684	ug/l	94
17) Carbon Disulfide	4.186	76	142555	56.513	ug/l	99
18) Methyl Acetate	4.479	43	151797	52.059	ug/l	95
19) Methyl tert-butyl Ether	5.216	73	273344	51.687	ug/l	98
20) Methylene Chloride	4.710	84	92021	48.173	ug/l	94
21) trans-1,2-Dichloroethene	5.210	96	80630	54.327	ug/l	99
22) Diisopropyl ether	6.119	45	303181	53.064	ug/l	91
23) Vinyl Acetate	6.058	43	910306	258.131	ug/l	96
24) 1,1-Dichloroethane	6.015	63	165003	52.984	ug/l	97
25) 2-Butanone	6.984	43	320852	261.199	ug/l	98
26) 2,2-Dichloropropane	6.978	77	144898	50.907	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	105084	53.333	ug/l	96
28) Bromochloromethane	7.332	49	40946	48.462	ug/l	99
29) Tetrahydrofuran	7.344	42	172689	248.726	ug/l	94
30) Chloroform	7.502	83	175134	52.514	ug/l	96
31) Cyclohexane	7.783	56	116861	51.947	ug/l	93
32) 1,1,1-Trichloroethane	7.698	97	151148	54.901	ug/l	99
36) 1,1-Dichloropropene	7.917	75	119803	55.712	ug/l	99
37) Ethyl Acetate	7.076	43	111018	51.758	ug/l	97
38) Carbon Tetrachloride	7.899	117	132559	56.790	ug/l	97
39) Methylcyclohexane	9.185	83	132166	55.568	ug/l	94
40) Benzene	8.155	78	354482	54.055	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.314	41	56762m	49.148	ug/l	
42) 1,2-Dichloroethane	8.234	62	118455	52.743	ug/l	95
43) Isopropyl Acetate	8.271	43	189588	51.744	ug/l	98
44) Trichloroethene	8.941	130	98760	53.920	ug/l	99
45) 1,2-Dichloropropane	9.216	63	99262	54.278	ug/l	97
46) Dibromomethane	9.301	93	62725	53.620	ug/l	94
47) Bromodichloromethane	9.496	83	140394	53.843	ug/l	96
48) Methyl methacrylate	9.289	41	83847	52.136	ug/l	91
49) 1,4-Dioxane	9.301	88	23549	1018.973	ug/l #	46
51) 4-Methyl-2-Pentanone	10.069	43	587421	258.664	ug/l	93
52) Toluene	10.246	92	229273	54.231	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	151277	54.102	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	162649	54.039	ug/l	90
55) 1,1,2-Trichloroethane	10.642	97	91479	53.362	ug/l	97
56) Ethyl methacrylate	10.508	69	136089	53.867	ug/l #	88
57) 1,3-Dichloropropane	10.788	76	152552	53.064	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	200967	250.430	ug/l	97
59) 2-Hexanone	10.831	43	471155	270.418	ug/l	91
60) Dibromochloromethane	10.984	129	107460	53.698	ug/l	99
61) 1,2-Dibromoethane	11.087	107	87228	52.010	ug/l	100
64) Tetrachloroethene	10.721	164	104042	55.079	ug/l	97
65) Chlorobenzene	11.520	112	257330	53.545	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	102467	54.890	ug/l	98
67) Ethyl Benzene	11.593	91	462487	55.059	ug/l	99
68) m/p-Xylenes	11.703	106	353597	110.751	ug/l	97
69) o-Xylene	12.032	106	170977	54.613	ug/l	99
70) Styrene	12.044	104	298781	55.755	ug/l	96
71) Bromoform	12.209	173	74337	54.952	ug/l #	99
73) Isopropylbenzene	12.331	105	459308	54.380	ug/l	100
74) N-amyl acetate	12.148	43	167623	52.803	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	122004	51.902	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	100574m	55.993	ug/l	
77) Bromobenzene	12.611	156	109705	52.914	ug/l	94
78) n-propylbenzene	12.672	91	562977	54.865	ug/l	99
79) 2-Chlorotoluene	12.758	91	315087	53.870	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	383868	54.288	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	43098	54.032	ug/l	94
82) 4-Chlorotoluene	12.855	91	325479	53.305	ug/l	99
83) tert-Butylbenzene	13.075	119	344258	55.588	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	385029	54.421	ug/l	99
85) sec-Butylbenzene	13.258	105	509089	54.930	ug/l	99
86) p-Isopropyltoluene	13.373	119	428037	55.289	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	220015	53.491	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	218125	53.024	ug/l	99
89) n-Butylbenzene	13.697	91	397796	54.263	ug/l	97
90) Hexachloroethane	13.965	117	82130	54.968	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	203814	53.679	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	23370	50.058	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	122675	51.322	ug/l	99
94) Hexachlorobutadiene	15.117	225	63879	52.185	ug/l	98
95) Naphthalene	15.239	128	321353	51.558	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	113091	51.260	ug/l	99

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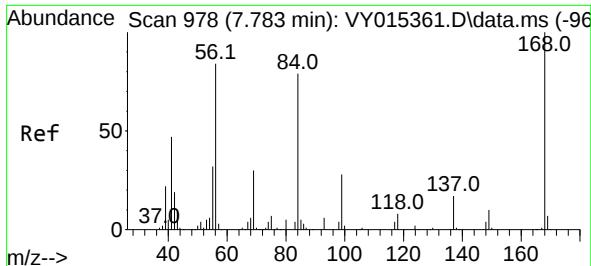
Manual Integrations
APPROVED

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Response via : Initial Calibration

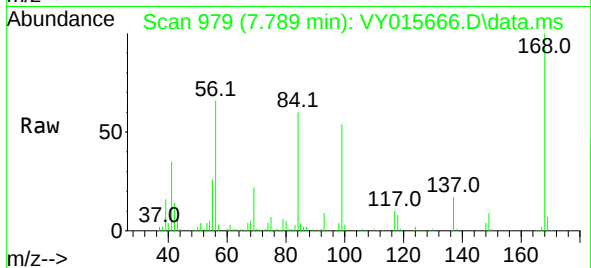
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015666.D
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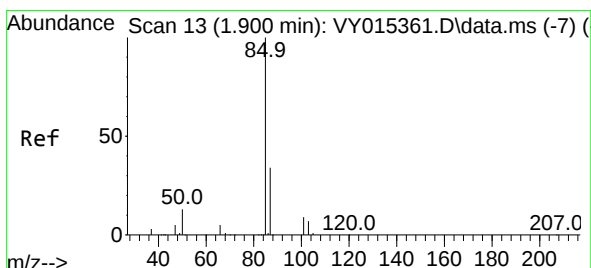
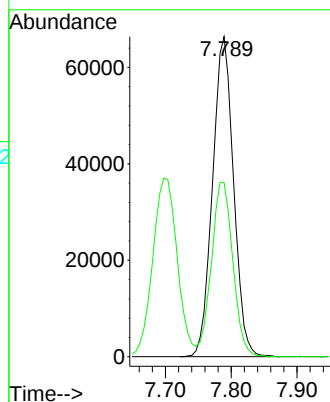
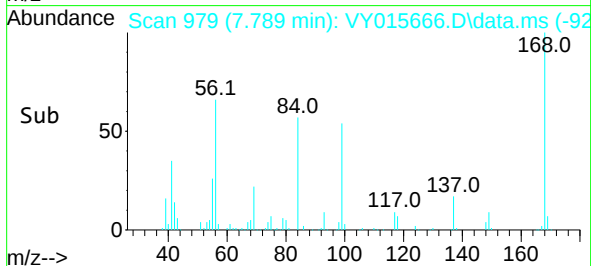
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 14759
Ion Ratio Lower Upper
168 100
99 54.5 43.4 65.0

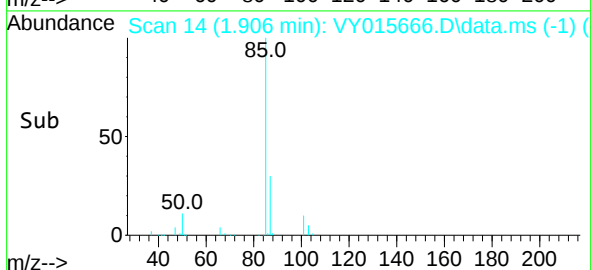
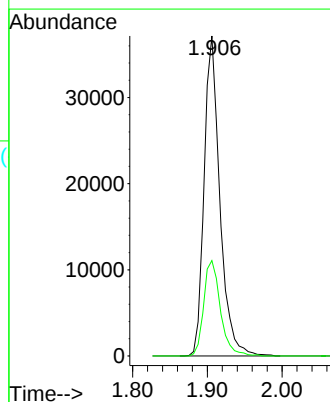
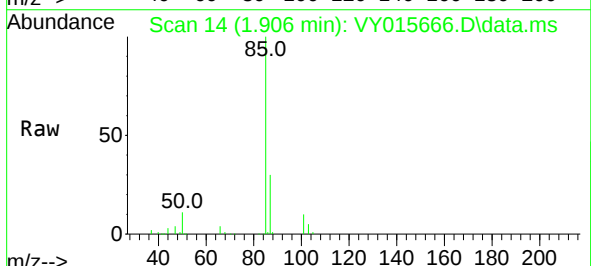
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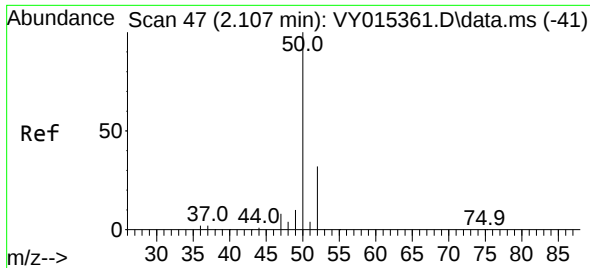
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#2
Dichlorodifluoromethane
Concen: 55.844 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

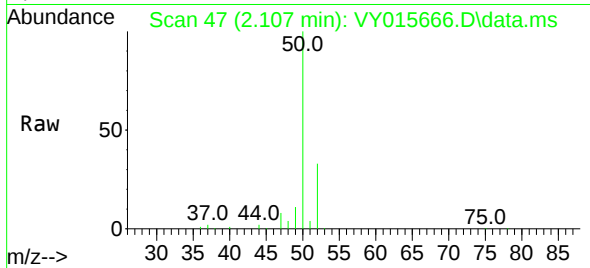
Tgt Ion: 85 Resp: 54329
Ion Ratio Lower Upper
85 100
87 29.8 15.6 46.8





#3
Chloromethane
Concen: 54.774 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

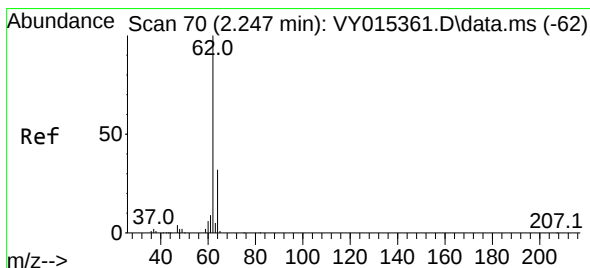
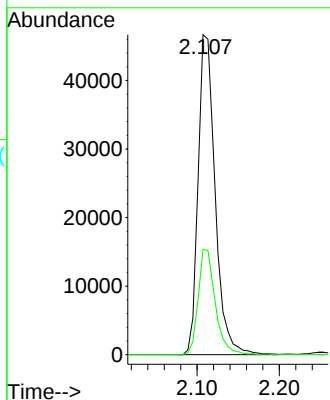
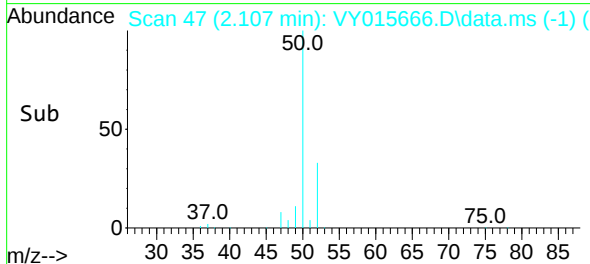
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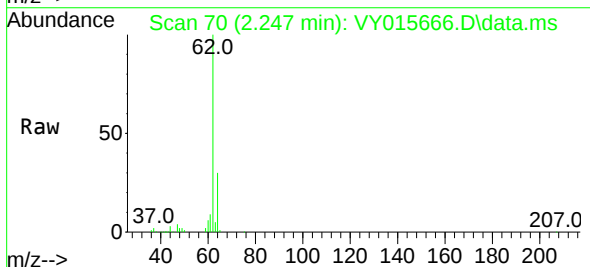
Tgt Ion: 50 Resp: 67228
Ion Ratio Lower Upper
50 100
52 32.9 25.4 38.2

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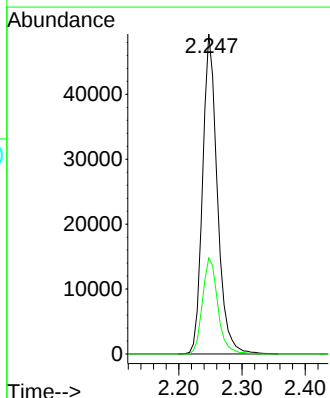
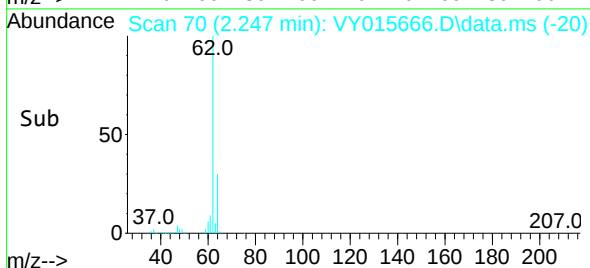
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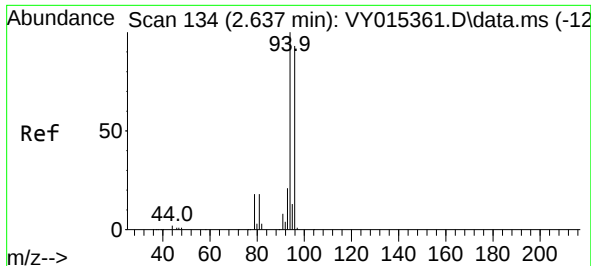


#4
Vinyl Chloride
Concen: 56.951 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.006 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32



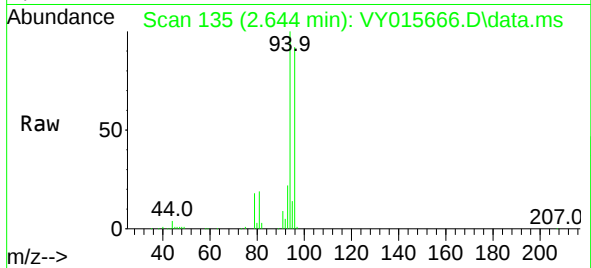
Tgt Ion: 62 Resp: 79921
Ion Ratio Lower Upper
62 100
64 30.0 24.3 36.5





#5
Bromomethane
Concen: 51.765 ug/l
RT: 2.644 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

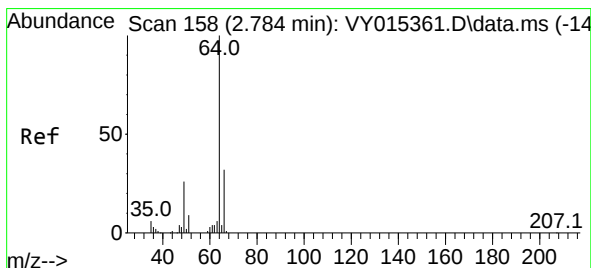
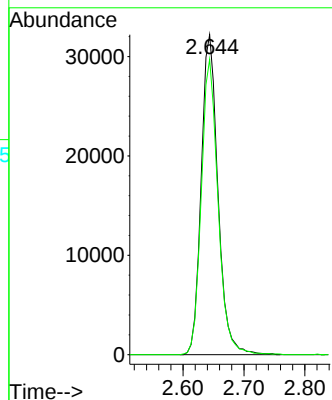
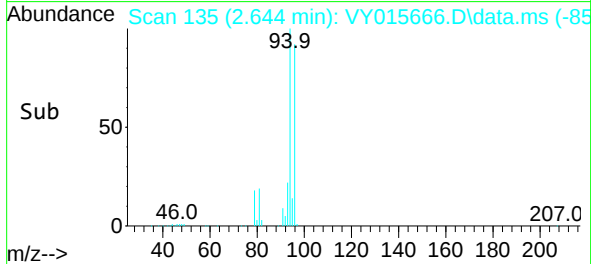
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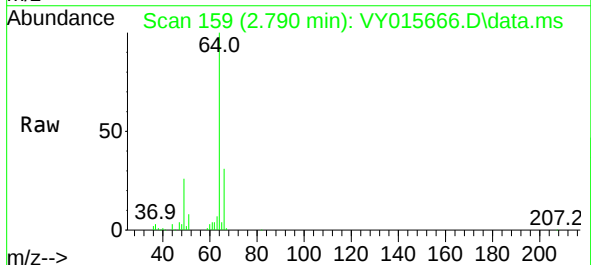
Tgt Ion: 94 Resp: 61470
Ion Ratio Lower Upper
94 100
96 92.3 75.8 113.6

Manual Integrations
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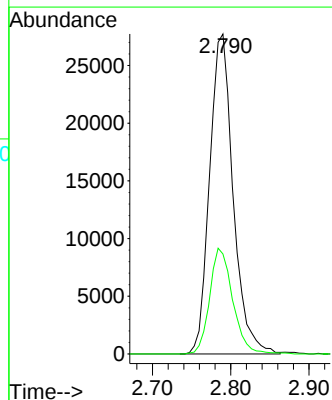
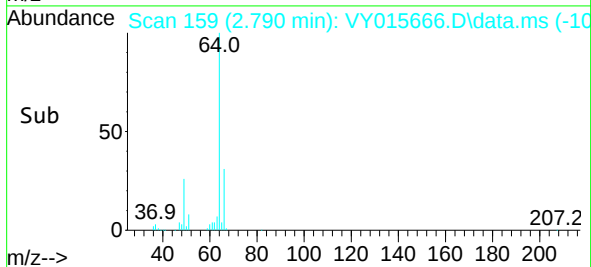
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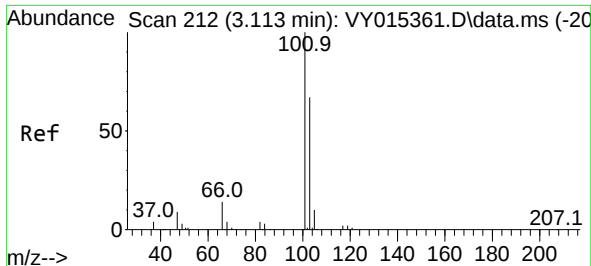


#6
Chloroethane
Concen: 55.587 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.006 min
Lab File: VY015666.D
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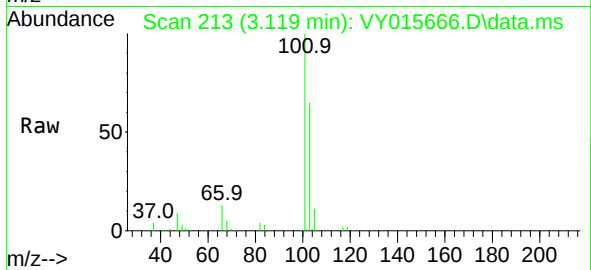
Tgt Ion: 64 Resp: 57819
Ion Ratio Lower Upper
64 100
66 31.2 24.4 36.6





#7
Trichlorofluoromethane
Concen: 55.926 ug/l
RT: 3.119 min Scan# 212
Delta R.T. 0.006 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

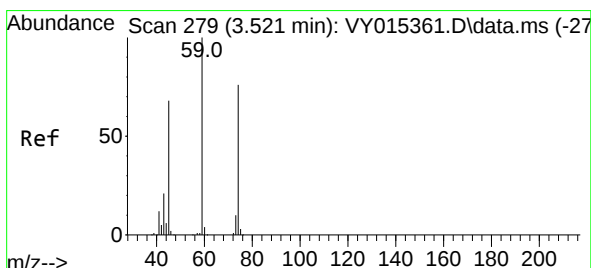
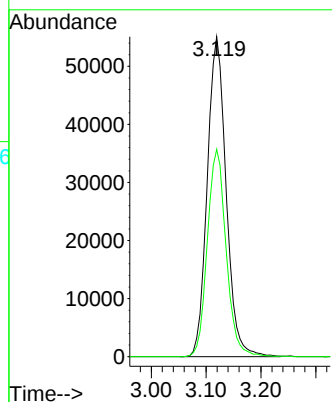
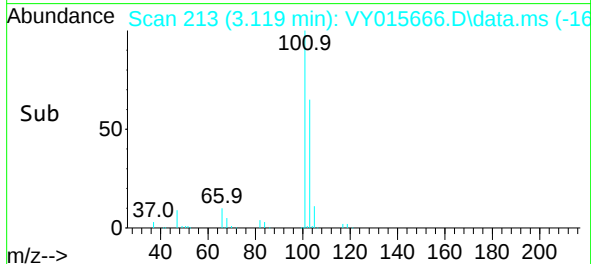
Instrument :
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ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 131620
Ion Ratio Lower Upper
101 100
103 64.8 51.4 77.0

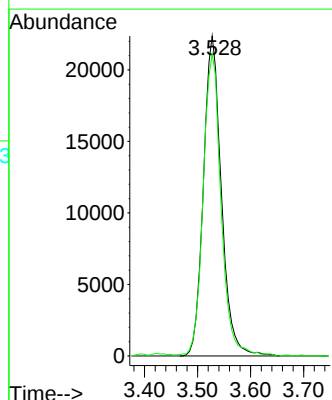
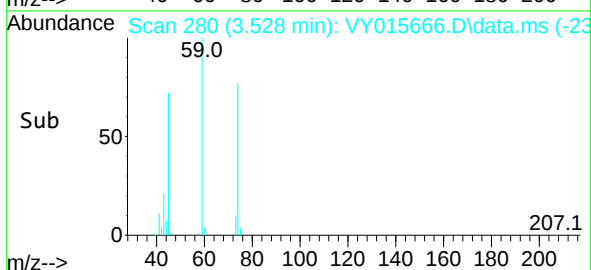
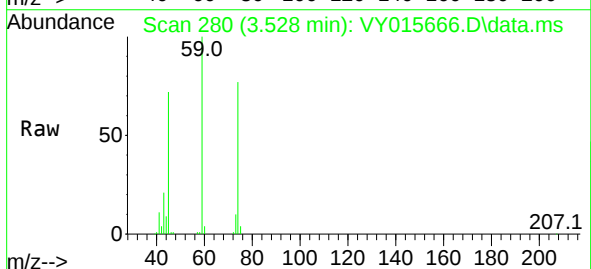
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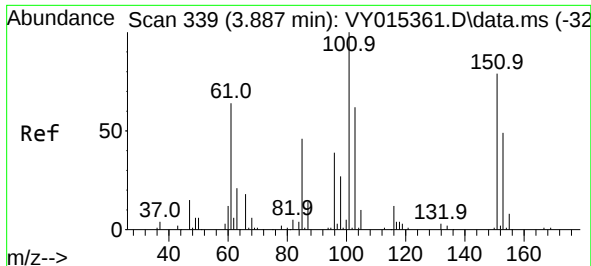
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#8
Diethyl Ether
Concen: 52.398 ug/l
RT: 3.528 min Scan# 280
Delta R.T. 0.007 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

Tgt Ion: 74 Resp: 52588
Ion Ratio Lower Upper
74 100
45 94.6 51.5 154.5





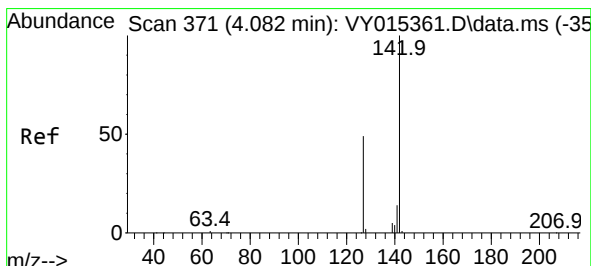
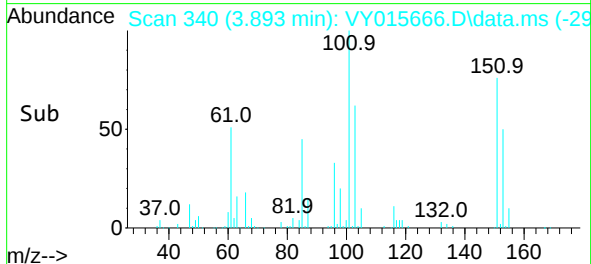
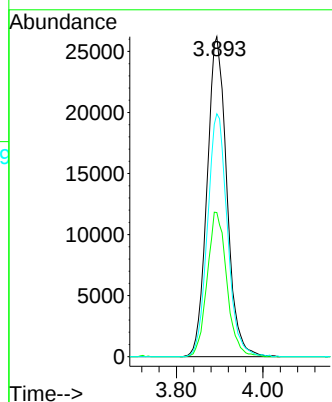
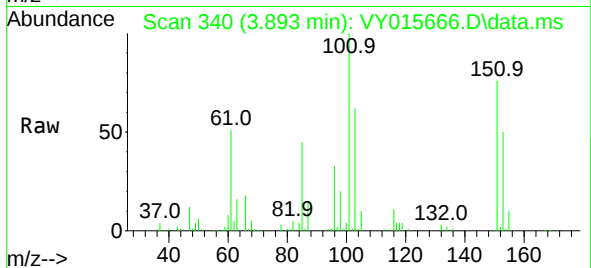
#9
1,1,2-Trichlorotrifluoroethane
Concen: 56.260 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 8290
Ion Ratio Lower Upper
101 100
85 44.9 36.6 55.0
151 76.5 67.0 100.6

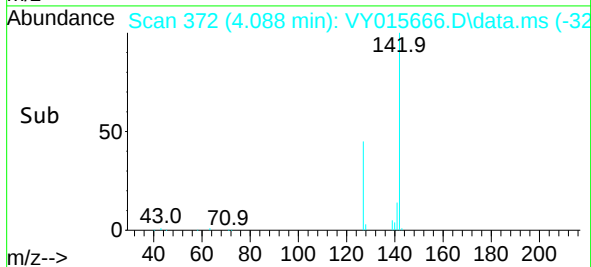
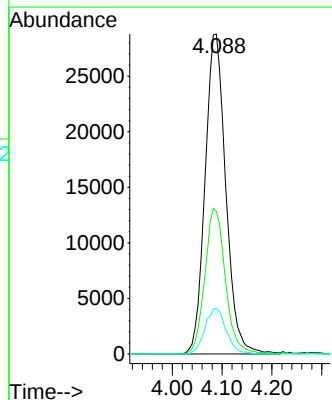
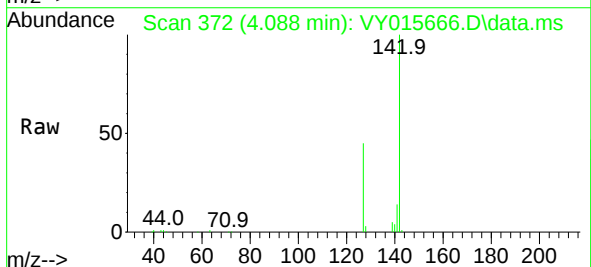
Manual Integrations
APPROVED

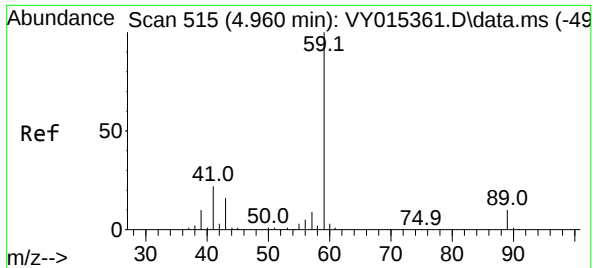
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#10
Methyl Iodide
Concen: 48.067 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

Tgt Ion:142 Resp: 83096
Ion Ratio Lower Upper
142 100
127 45.0 37.6 56.4
141 14.6 11.8 17.8





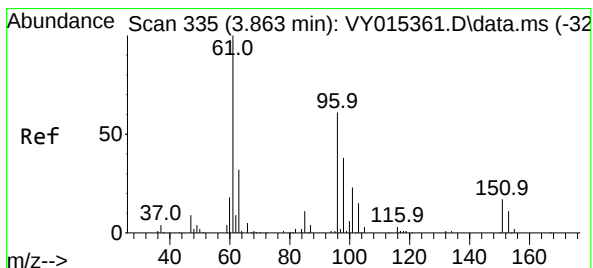
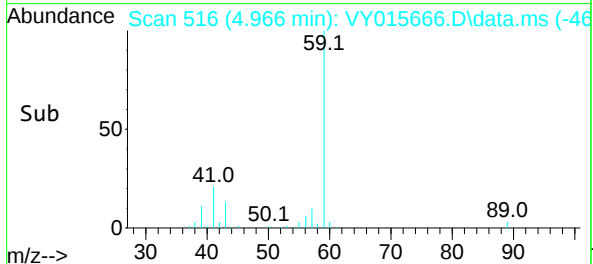
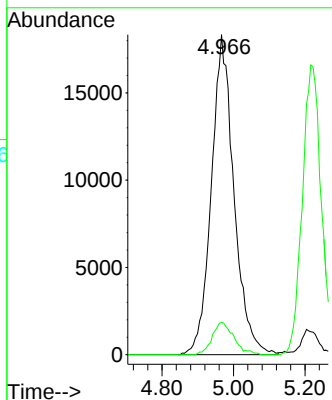
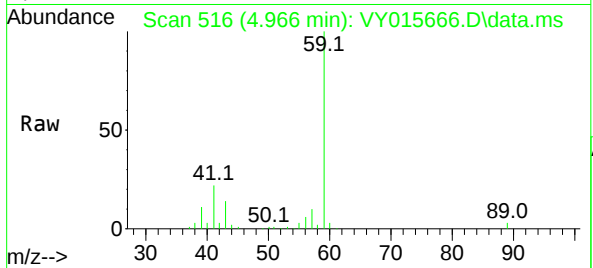
#11
Tert butyl alcohol
Concen: 238.948 ug/l
RT: 4.966 min Scan# 515
Delta R.T. 0.012 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 80408
Ion Ratio Lower Upper
59 100
57 9.7 3.0 4.4

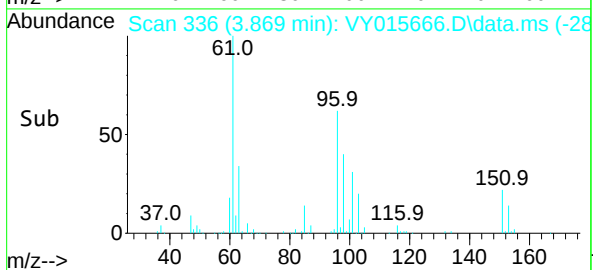
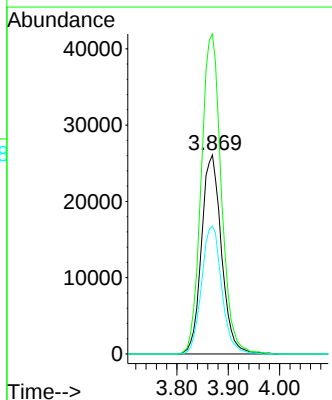
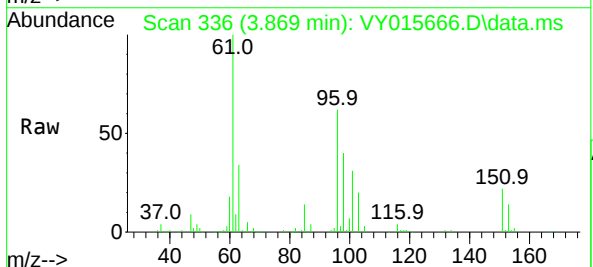
Manual Integrations
APPROVED

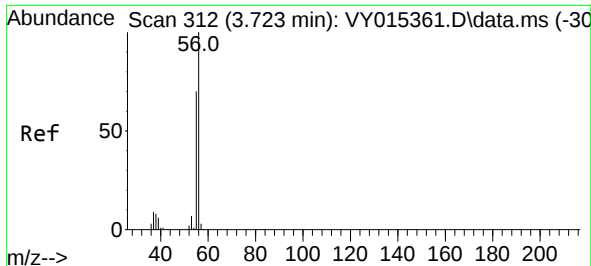
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#12
1,1-Dichloroethene
Concen: 54.251 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

Tgt Ion: 96 Resp: 70443
Ion Ratio Lower Upper
96 100
61 160.8 136.4 204.6
98 64.3 49.4 74.2





#13

Acrolein

Concen: 289.036 ug/l

RT: 3.729 min Scan# 312

Delta R.T. 0.006 min

Lab File: VY015666.D

Acq: 21 Sep 2023 09:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 71884

Ion Ratio Lower Upper

56 100

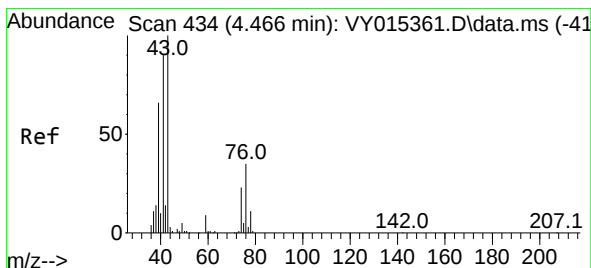
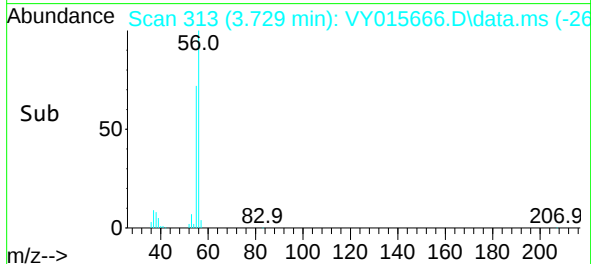
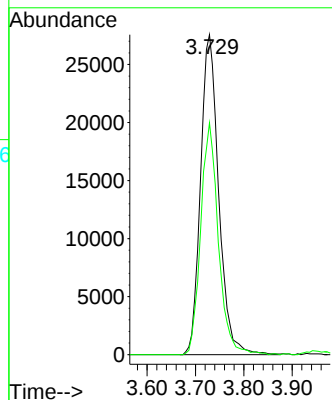
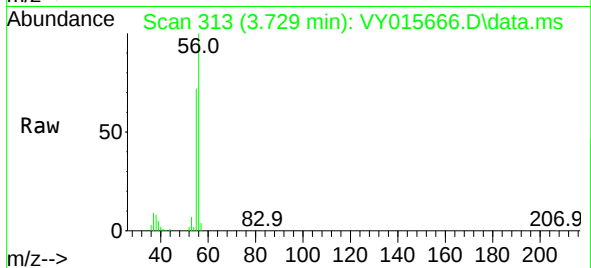
55 70.5 57.0 85.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#14

Allyl chloride

Concen: 53.630 ug/l

RT: 4.473 min Scan# 435

Delta R.T. 0.001 min

Lab File: VY015666.D

Acq: 21 Sep 2023 09:32

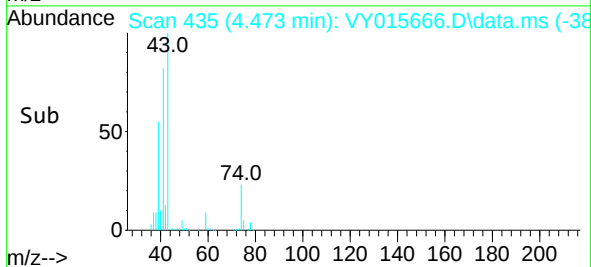
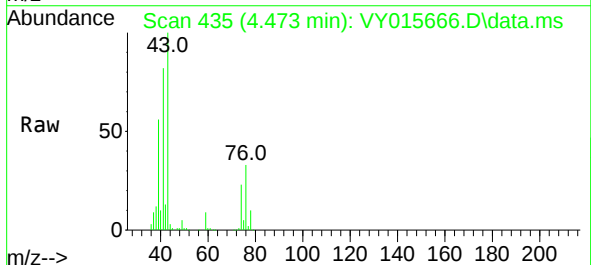
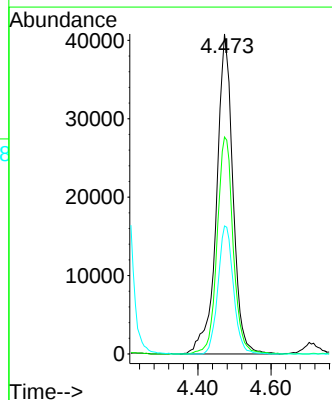
Tgt Ion: 41 Resp: 127321

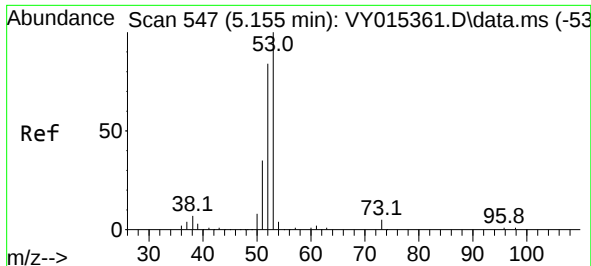
Ion Ratio Lower Upper

41 100

39 66.3 58.0 87.0

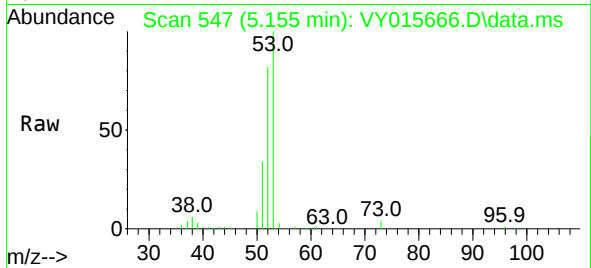
76 37.6 27.4 41.2





#15
Acrylonitrile
Concen: 252.944 ug/l
RT: 5.155 min Scan# 547
Delta R.T. -0.006 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

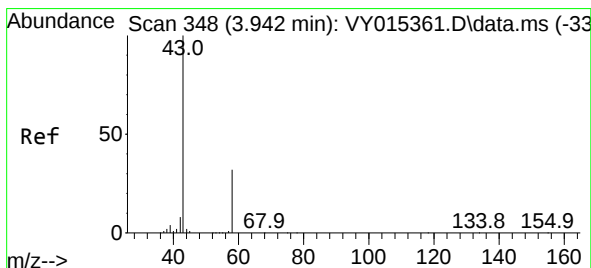
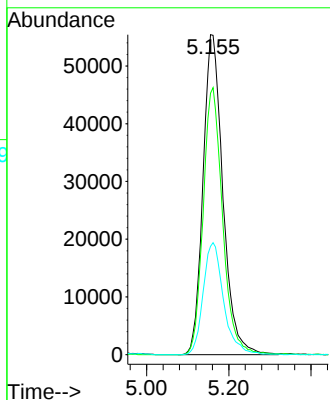
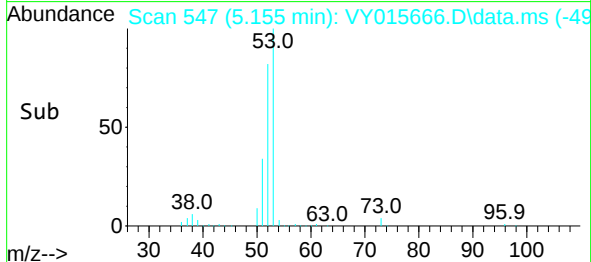
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



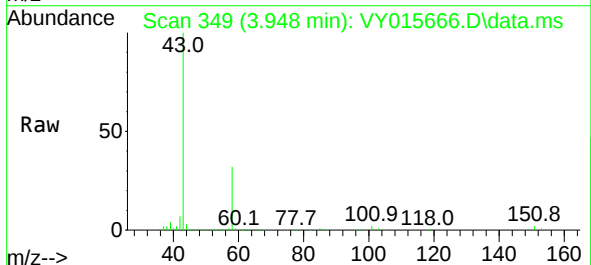
Tgt Ion: 53 Resp: 186228
Ion Ratio Lower Upper
53 100
52 81.6 66.9 100.3
51 36.1 29.8 44.6

Manual Integrations
APPROVED

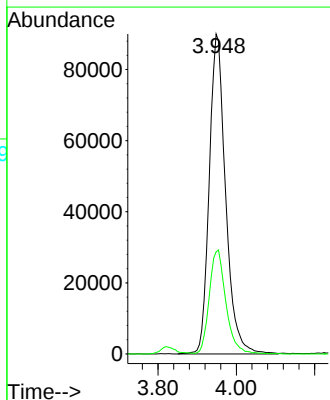
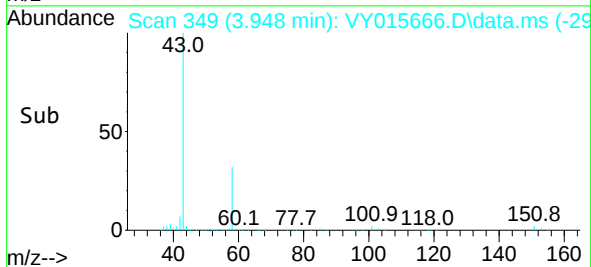
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023

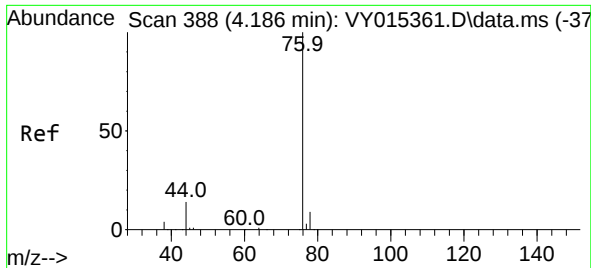


#16
Acetone
Concen: 299.684 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32



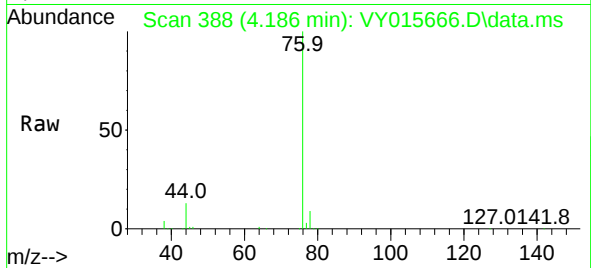
Tgt Ion: 43 Resp: 260443
Ion Ratio Lower Upper
43 100
58 31.8 22.7 34.1





#17
Carbon Disulfide
Concen: 56.513 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

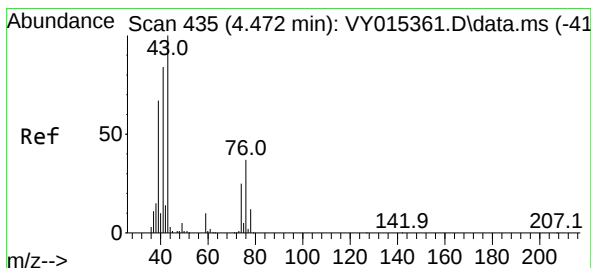
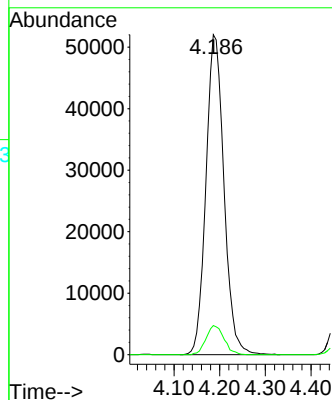
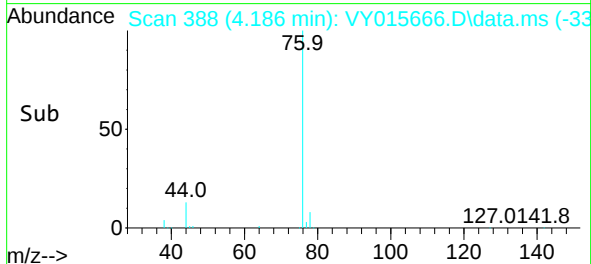
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



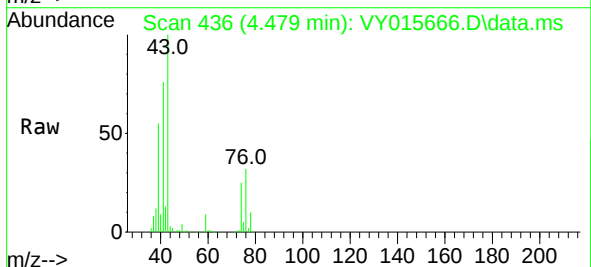
Tgt Ion: 76 Resp: 14255
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.4

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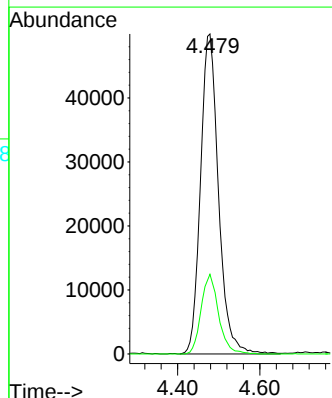
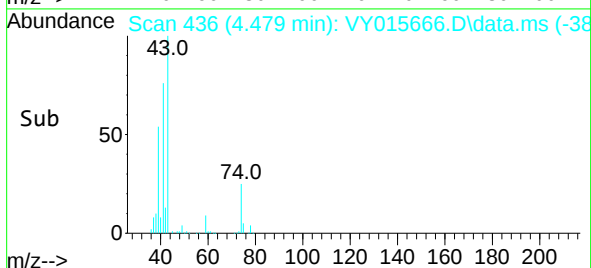
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#18
Methyl Acetate
Concen: 52.059 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.007 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32



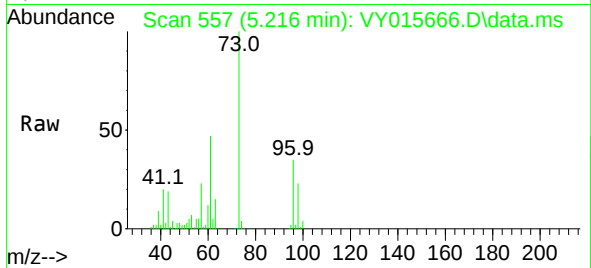
Tgt Ion: 43 Resp: 151797
Ion Ratio Lower Upper
43 100
74 24.1 17.4 26.0





#19
Methyl tert-butyl Ether
Concen: 51.687 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

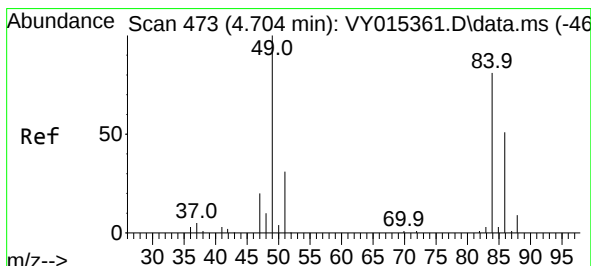
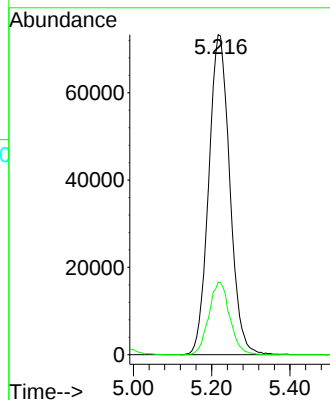
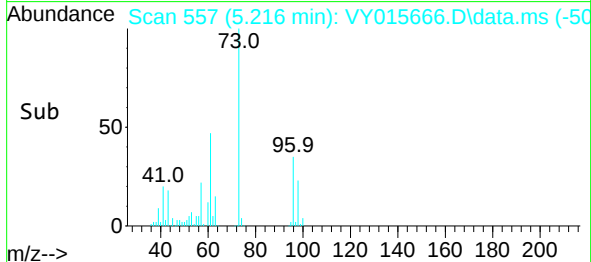
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 27334
Ion Ratio Lower Upper
73 100
57 22.7 17.3 25.9

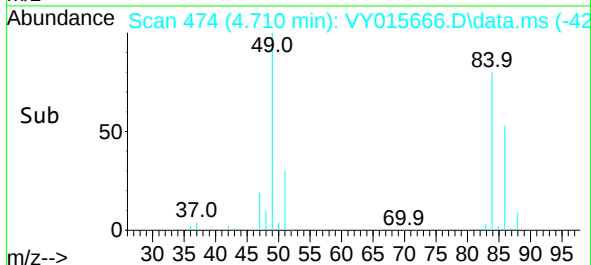
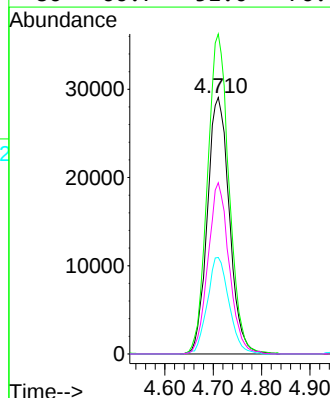
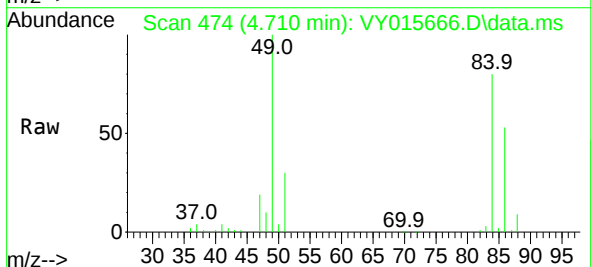
Manual Integrations
APPROVED

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



#20
Methylene Chloride
Concen: 48.173 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

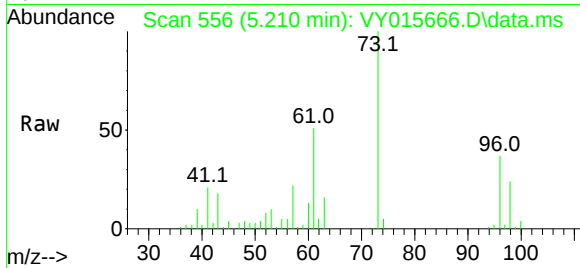
Tgt Ion: 84 Resp: 92021
Ion Ratio Lower Upper
84 100
49 124.8 106.9 160.3
51 37.6 33.2 49.8
86 66.7 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 54.327 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

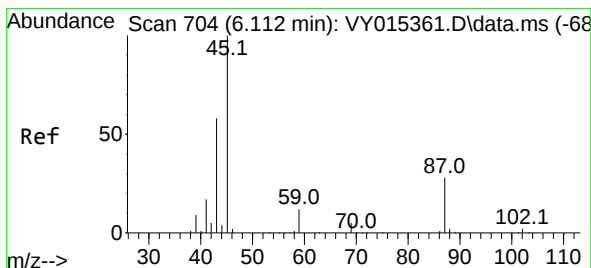
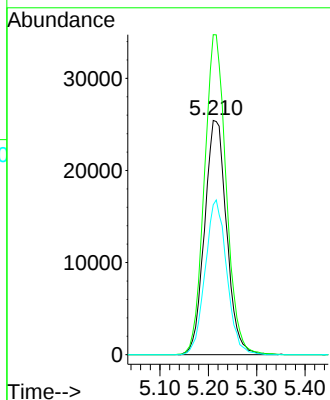
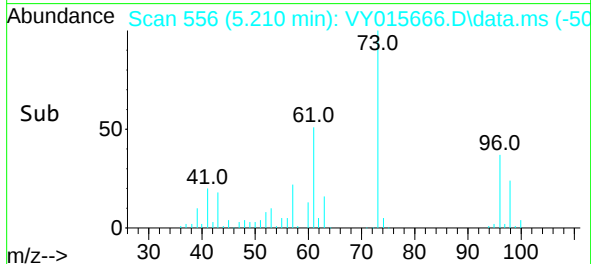
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



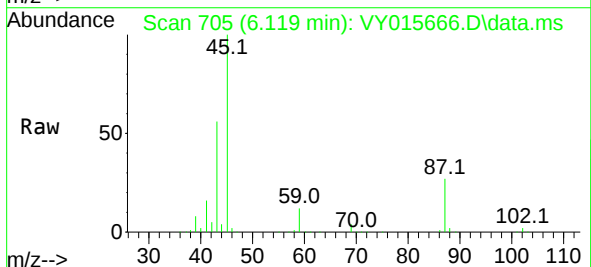
Tgt Ion: 96 Resp: 80630
Ion Ratio Lower Upper
96 100
61 136.3 110.2 165.4
98 64.0 51.8 77.6

Manual Integrations
APPROVED

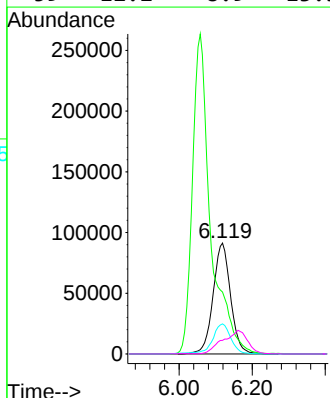
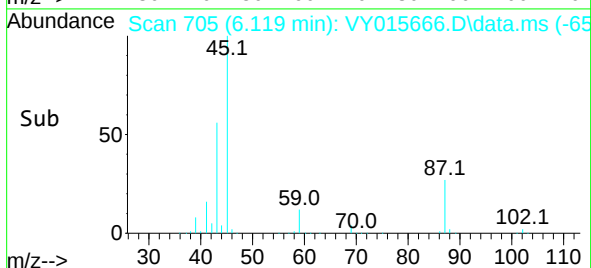
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023

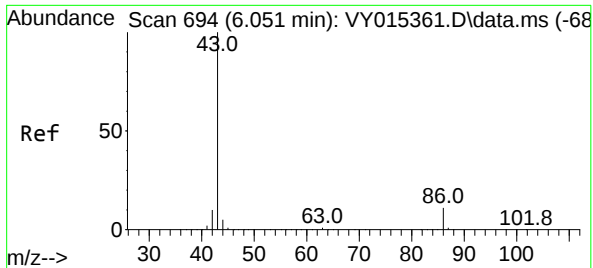


#22
Diisopropyl ether
Concen: 53.064 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.007 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32



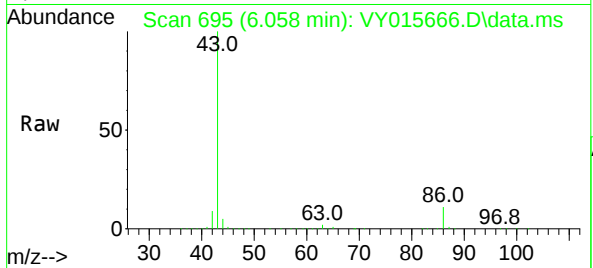
Tgt Ion: 45 Resp: 303181
Ion Ratio Lower Upper
45 100
43 55.3 52.2 78.4
87 27.2 21.0 31.6
59 12.2 8.9 13.3





#23
 Vinyl Acetate
 Concen: 258.131 ug/l
 RT: 6.058 min Scan# 694
 Delta R.T. 0.007 min
 Lab File: VY015666.D
 Acq: 21 Sep 2023 09:32

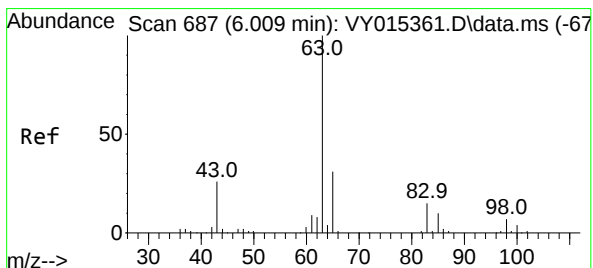
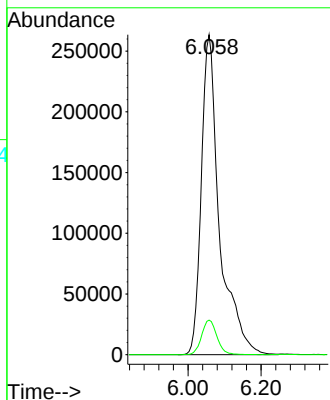
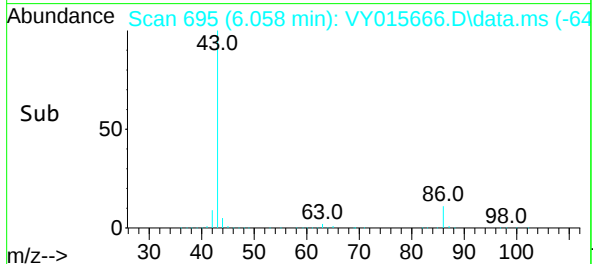
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



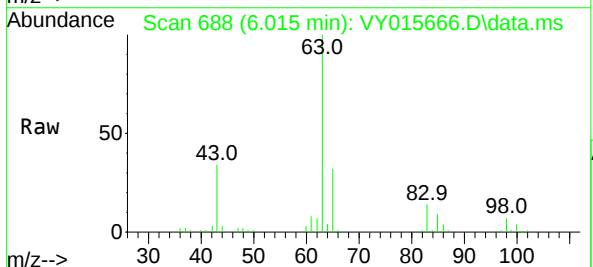
Tgt Ion: 43 Resp: 910300
 Ion Ratio Lower Upper
 43 100
 86 10.8 7.5 11.3

Manual Integrations
 APPROVED

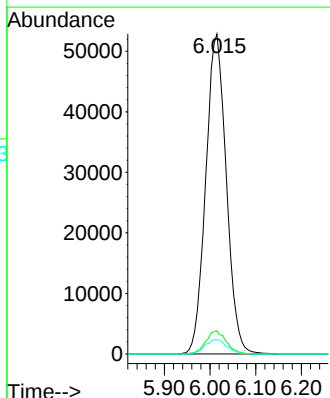
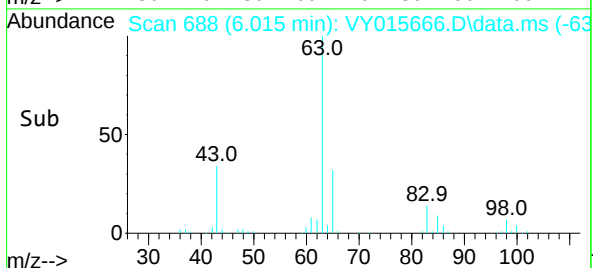
Reviewed By :John Carlone 09/22/2023
 Supervised By :Mahesh Dadoda 09/22/2023

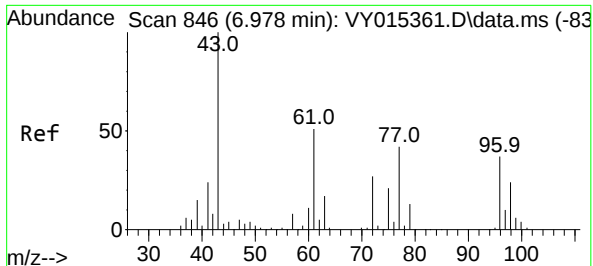


#24
 1,1-Dichloroethane
 Concen: 52.984 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.012 min
 Lab File: VY015666.D
 Acq: 21 Sep 2023 09:32



Tgt Ion: 63 Resp: 165003
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.1 9.4
 100 4.4 1.8 5.5





#25

2-Butanone

Concen: 261.199 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY015666.D

Acq: 21 Sep 2023 09:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 320852

Ion Ratio Lower Upper

43 100

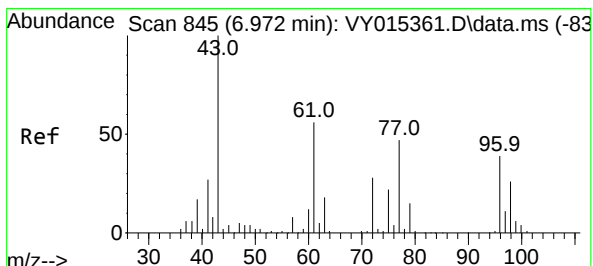
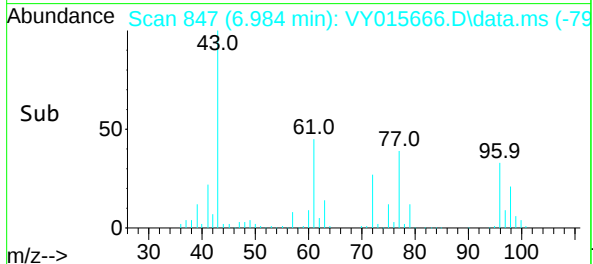
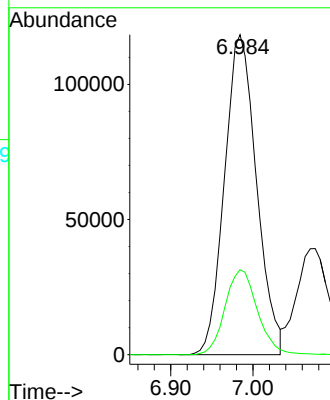
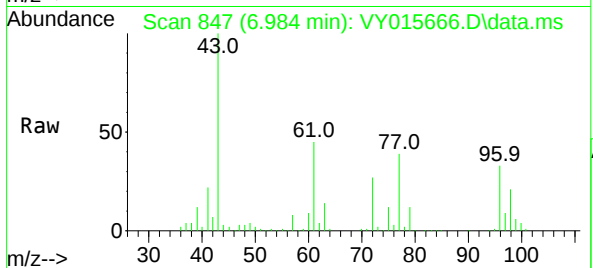
72 26.5 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#26

2,2-Dichloropropane

Concen: 50.907 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY015666.D

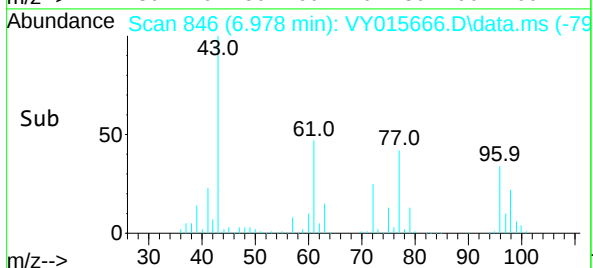
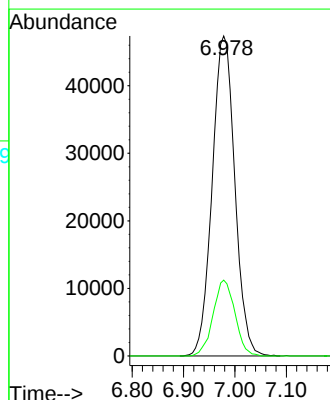
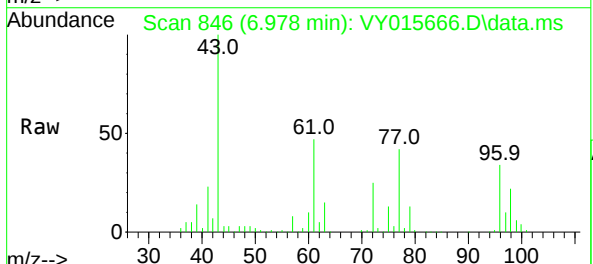
Acq: 21 Sep 2023 09:32

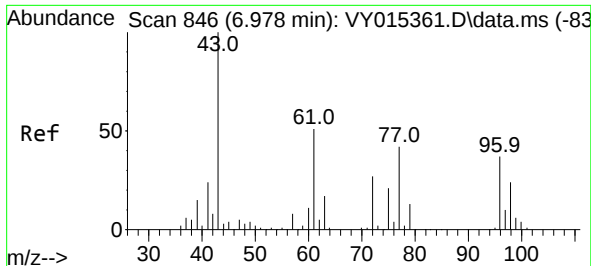
Tgt Ion: 77 Resp: 144898

Ion Ratio Lower Upper

77 100

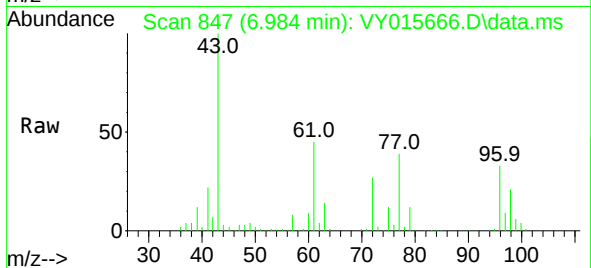
97 22.8 10.9 32.9





#27
 cis-1,2-Dichloroethene
 Concen: 53.333 ug/l
 RT: 6.984 min Scan# 846
 Delta R.T. 0.006 min
 Lab File: VY015666.D
 Acq: 21 Sep 2023 09:32

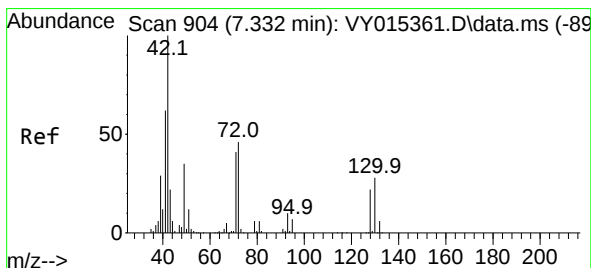
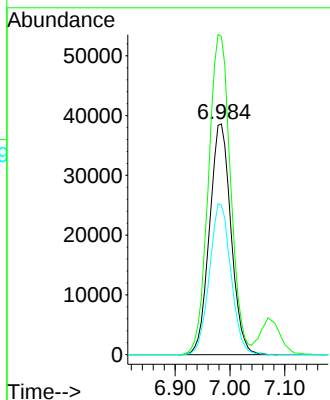
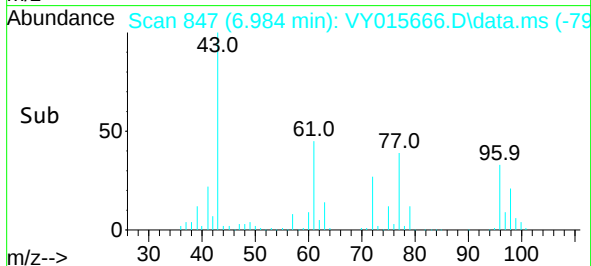
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 105084
 Ion Ratio Lower Upper
 96 100
 61 142.8 0.0 301.4
 98 65.3 0.0 130.4

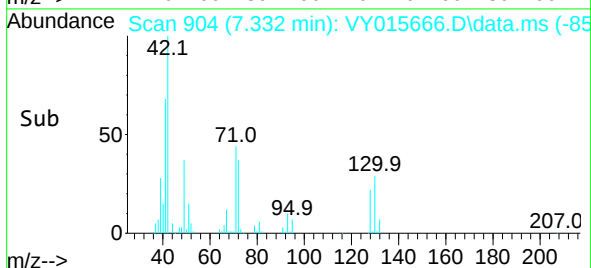
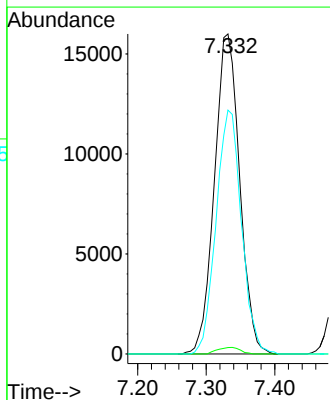
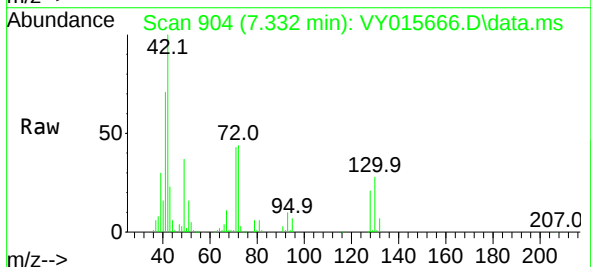
Manual Integrations
 APPROVED

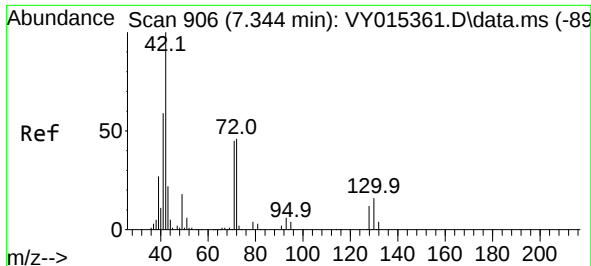
Reviewed By :John Carlone 09/22/2023
 Supervised By :Mahesh Dadoda 09/22/2023



#28
 Bromochloromethane
 Concen: 48.462 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.006 min
 Lab File: VY015666.D
 Acq: 21 Sep 2023 09:32

Tgt Ion: 49 Resp: 40946
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.6
 130 76.4 60.7 91.1





#29

Tetrahydrofuran

Concen: 248.726 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY015666.D

Acq: 21 Sep 2023 09:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

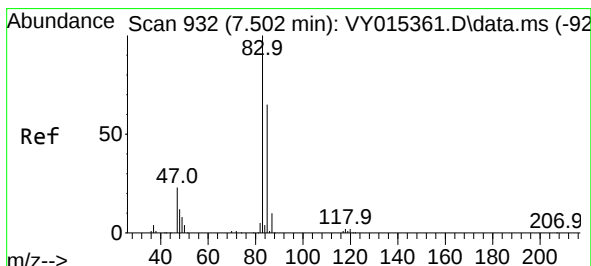
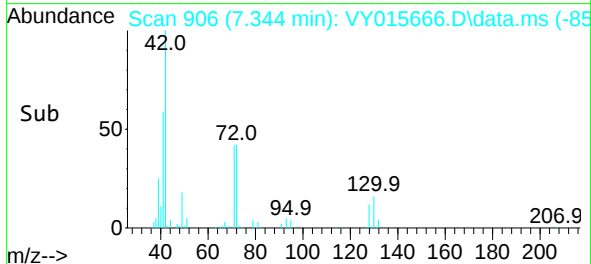
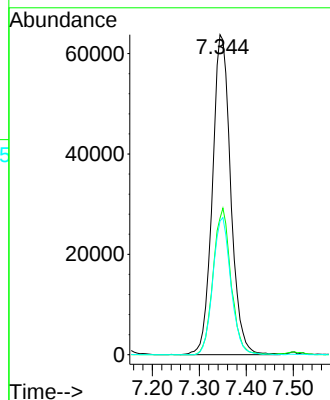
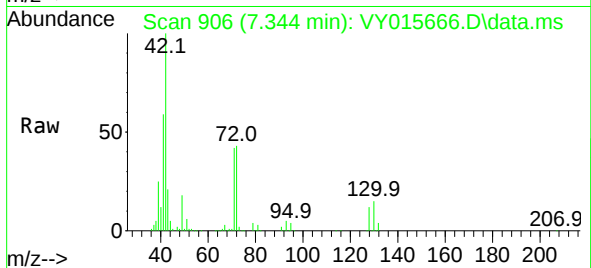
Tgt Ion:	42	Resp:	172689
Ion	Ratio	Lower	Upper
42	100		
72	44.4	32.8	49.2
71	42.1	31.0	46.4

Manual Integrations

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Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#30

Chloroform

Concen: 52.514 ug/l

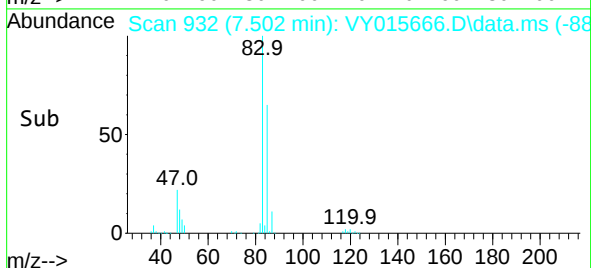
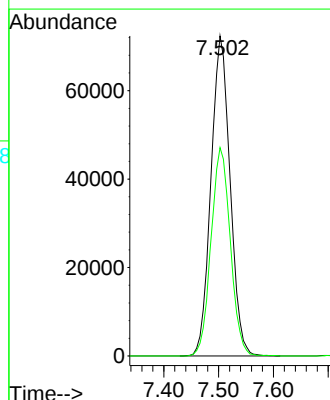
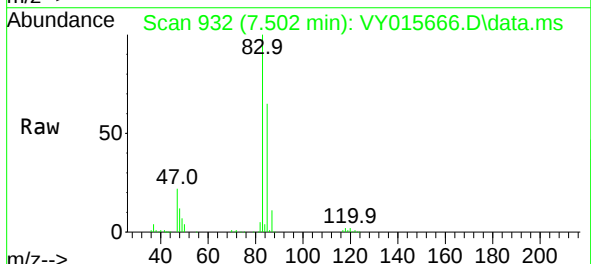
RT: 7.502 min Scan# 932

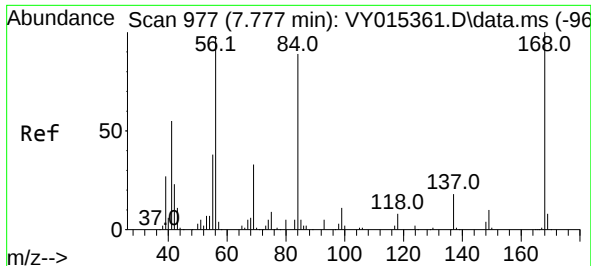
Delta R.T. 0.006 min

Lab File: VY015666.D

Acq: 21 Sep 2023 09:32

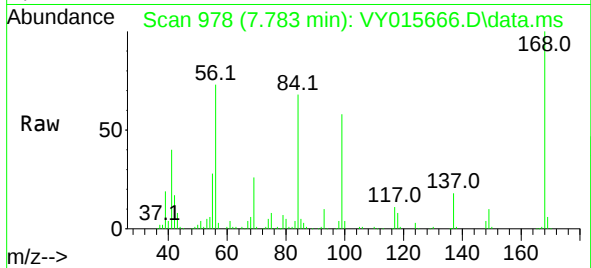
Tgt Ion:	83	Resp:	175134
Ion	Ratio	Lower	Upper
83	100		
85	65.1	49.7	74.5





#31
Cyclohexane
Concen: 51.947 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

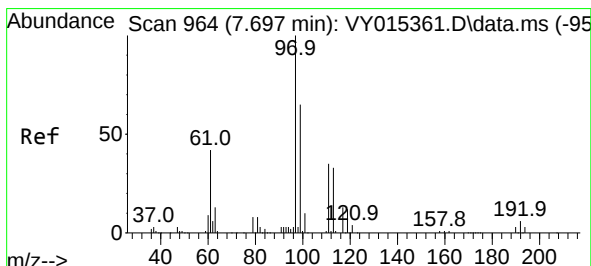
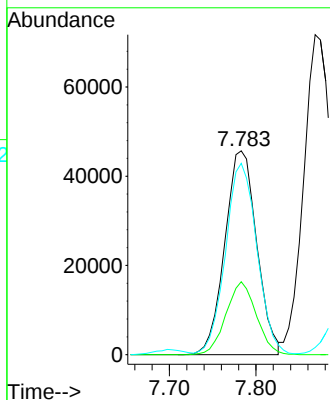
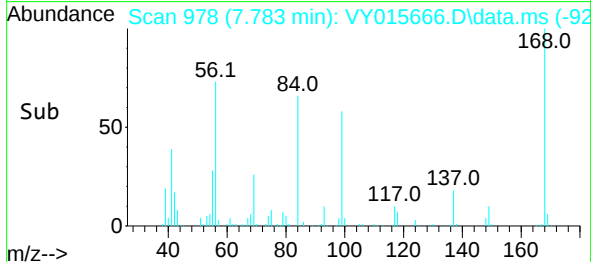
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



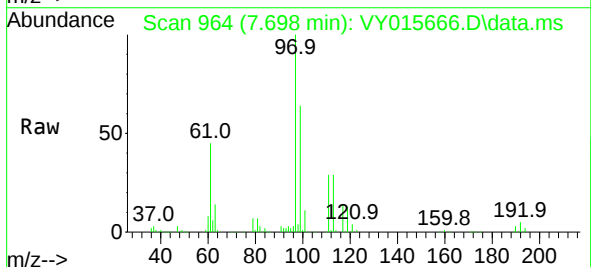
Tgt Ion: 56 Resp: 11686
Ion Ratio Lower Upper
56 100
69 35.8 27.8 41.6
84 91.8 66.4 99.6

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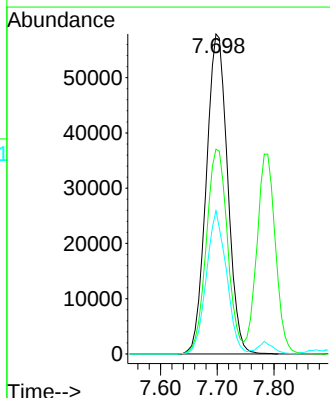
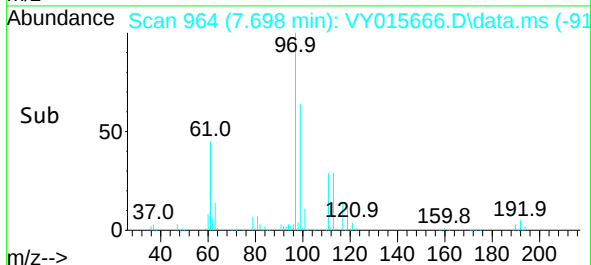
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023

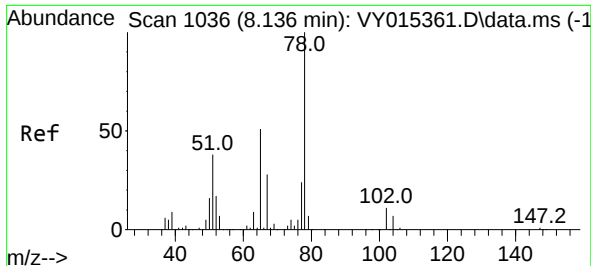


#32
1,1,1-Trichloroethane
Concen: 54.901 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.007 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32



Tgt Ion: 97 Resp: 151148
Ion Ratio Lower Upper
97 100
99 63.7 50.8 76.2
61 42.3 35.1 52.7





#33
1,2-Dichloroethane-d4
Concen: 47.628 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

Instrument :

MSVOA_Y

ClientSampleId :

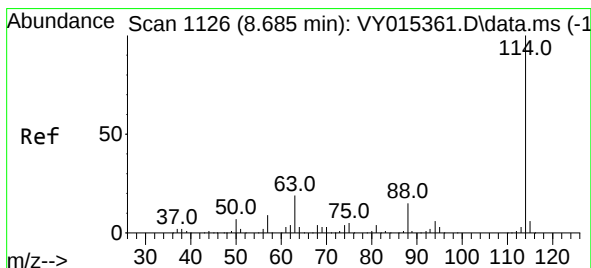
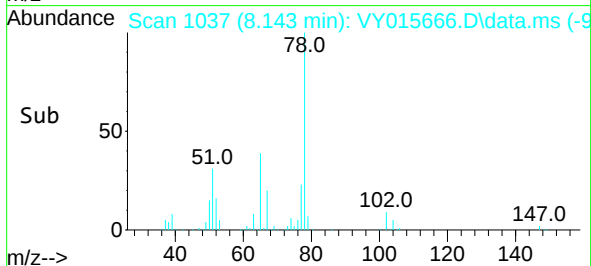
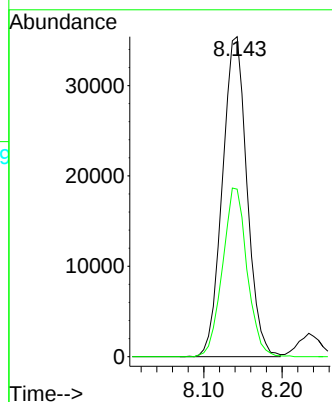
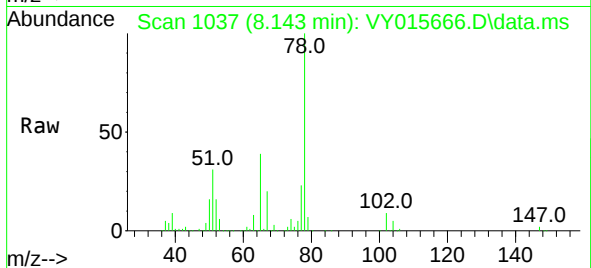
VSTDCCC050

Tgt Ion: 65 Resp: 77344
Ion Ratio Lower Upper
65 100
67 52.5 0.0 101.8

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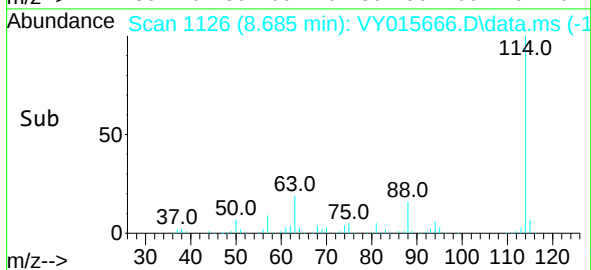
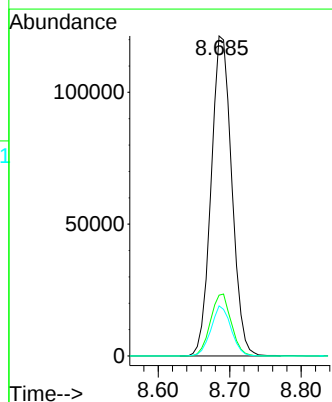
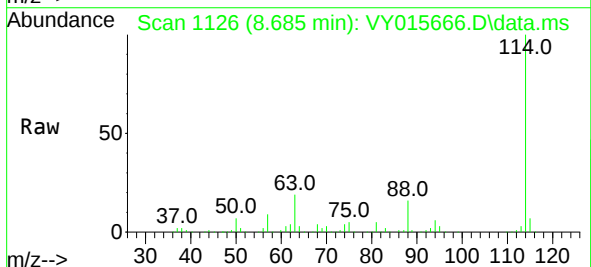
APPROVED

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



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

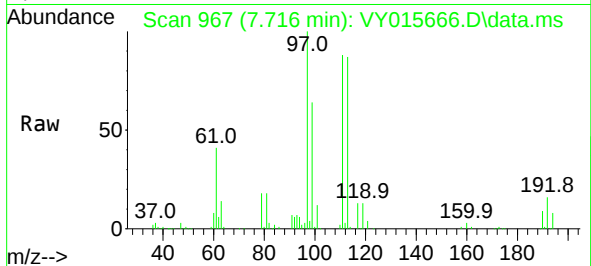
Tgt Ion:114 Resp: 242989
Ion Ratio Lower Upper
114 100
63 19.0 0.0 42.4
88 15.6 0.0 30.6





#35
Dibromofluoromethane
Concen: 51.906 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

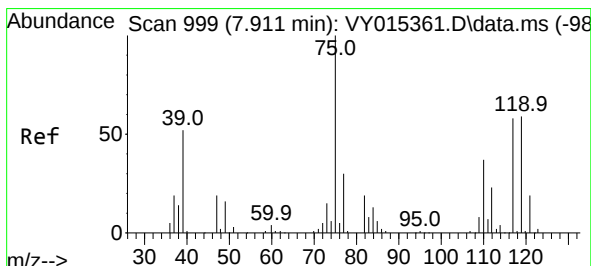
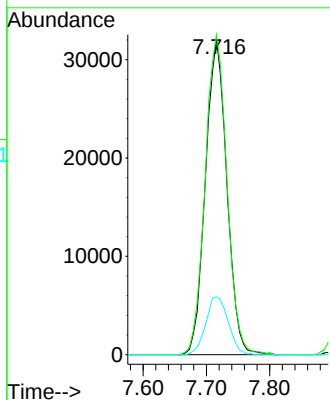
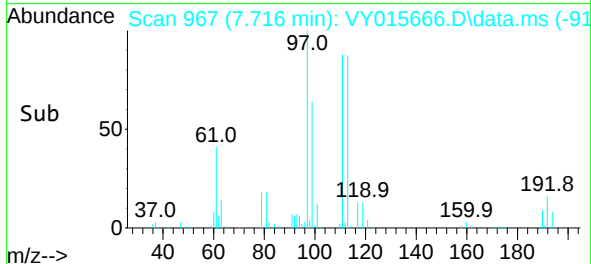
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



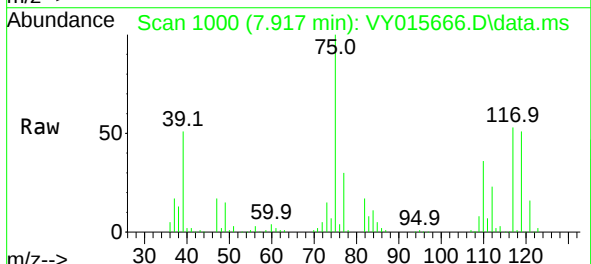
Tgt Ion:113 Resp: 7549
Ion Ratio Lower Upper
113 100
111 103.5 81.3 121.9
192 19.3 16.9 25.3

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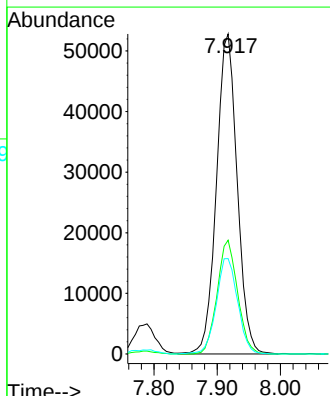
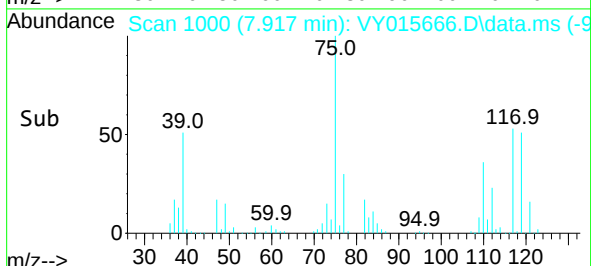
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023

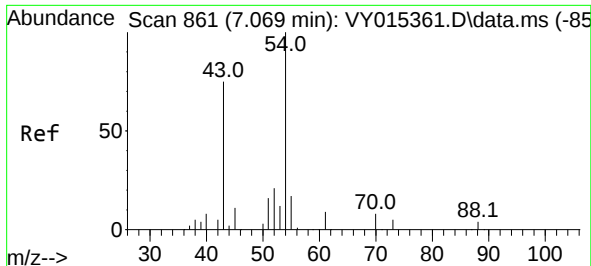


#36
1,1-Dichloropropene
Concen: 55.712 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32



Tgt Ion: 75 Resp: 119803
Ion Ratio Lower Upper
75 100
110 35.0 17.8 53.5
77 30.9 24.4 36.6





#37

Ethyl Acetate

Concen: 51.758 ug/l

RT: 7.076 min Scan# 861

Delta R.T. 0.013 min

Lab File: VY015666.D

Acq: 21 Sep 2023 09:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 111018

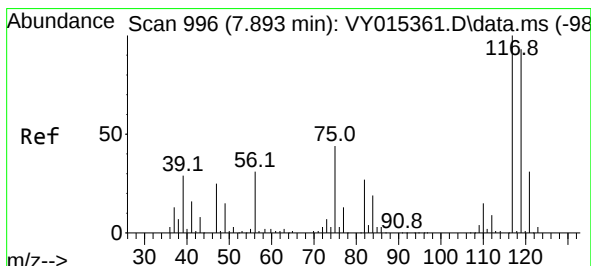
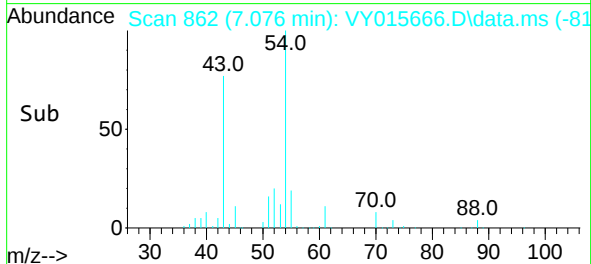
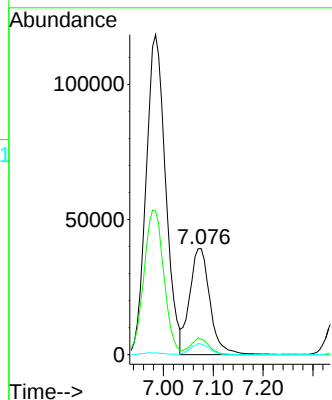
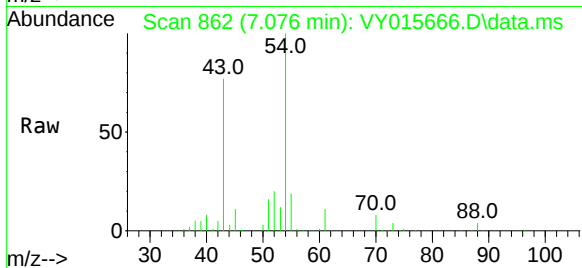
Ion	Ratio	Lower	Upper
43	100		
61	14.0	10.1	15.1
70	9.7	7.1	10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#38

Carbon Tetrachloride

Concen: 56.790 ug/l

RT: 7.899 min Scan# 997

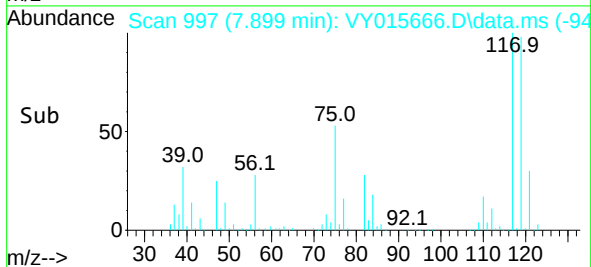
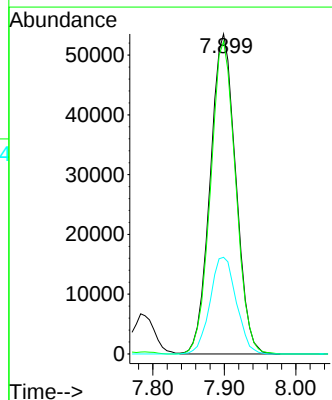
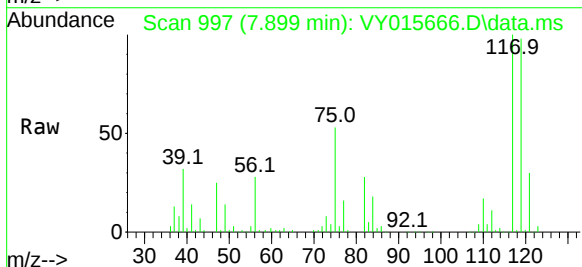
Delta R.T. 0.006 min

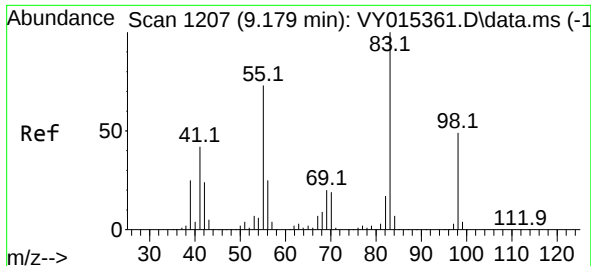
Lab File: VY015666.D

Acq: 21 Sep 2023 09:32

Tgt Ion:117 Resp: 132559

Ion	Ratio	Lower	Upper
117	100		
119	97.7	76.4	114.6
121	30.2	25.8	38.6





#39

Methylcyclohexane

Concen: 55.568 ug/l

RT: 9.185 min Scan# 1208

Delta R.T. 0.006 min

Lab File: VY015666.D

Acq: 21 Sep 2023 09:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 132160

Ion Ratio Lower Upper

83 100

55 72.0 63.0 94.4

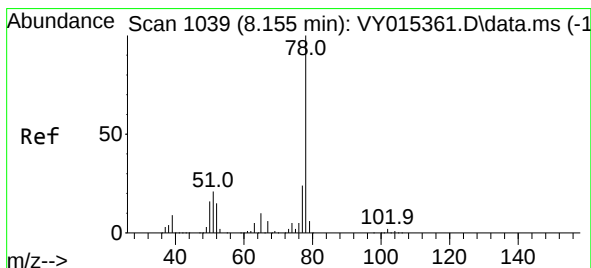
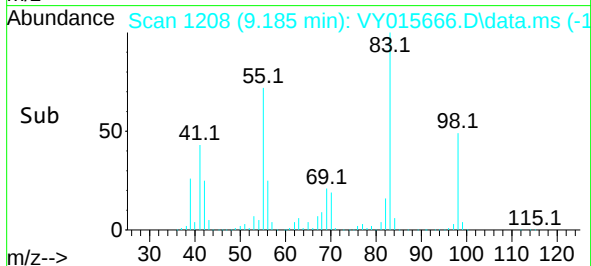
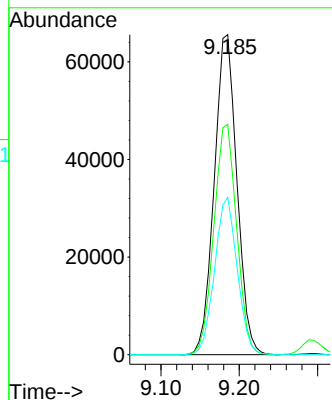
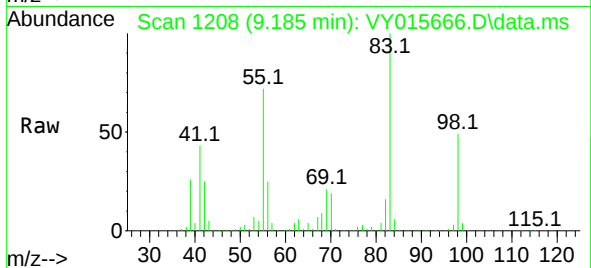
98 49.1 37.4 56.2

Manual Integrations

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Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#40

Benzene

Concen: 54.055 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VY015666.D

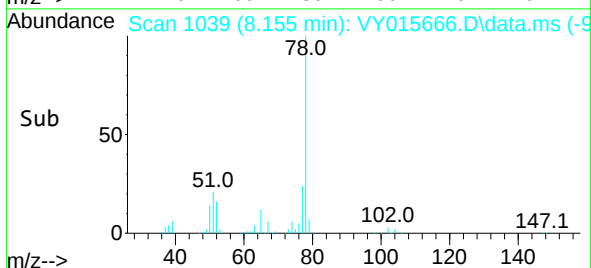
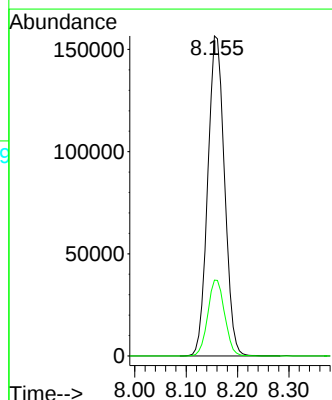
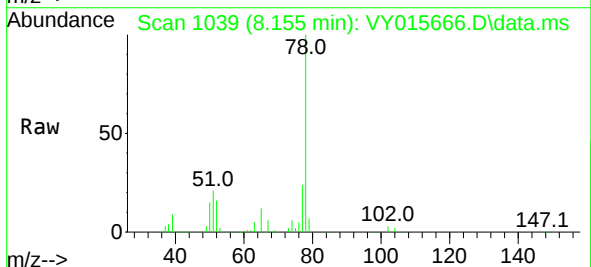
Acq: 21 Sep 2023 09:32

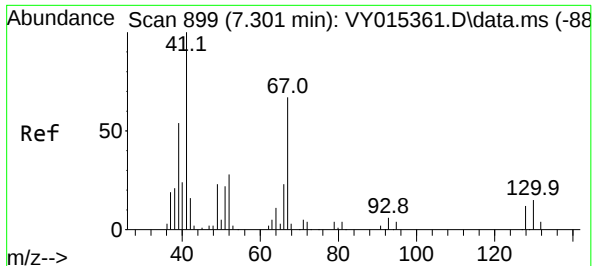
Tgt Ion: 78 Resp: 354482

Ion Ratio Lower Upper

78 100

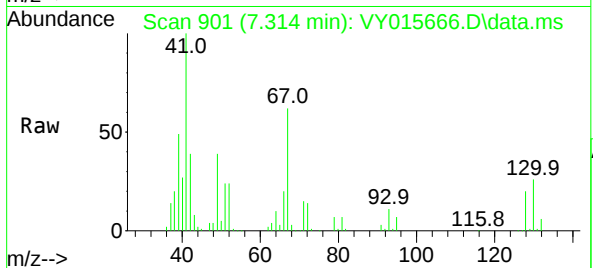
77 23.7 19.0 28.6





#41
Methacrylonitrile
Concen: 49.148 ug/l m
RT: 7.314 min Scan# 901
Delta R.T. 0.001 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

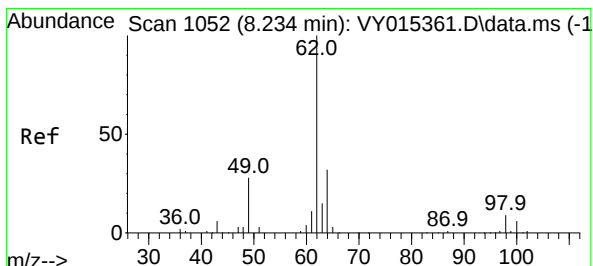
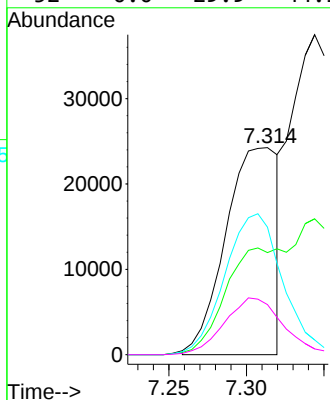
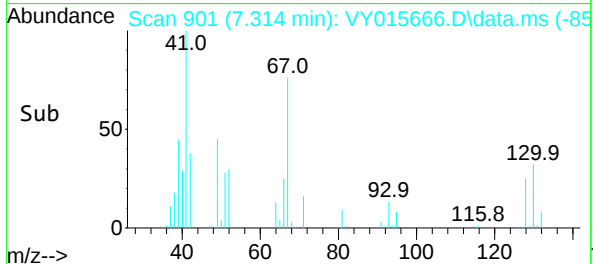
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 56762
Ion Ratio Lower Upper
41 100
39 66.0 52.1 78.1
67 0.0 66.2 99.2
52 0.0 29.9 44.9

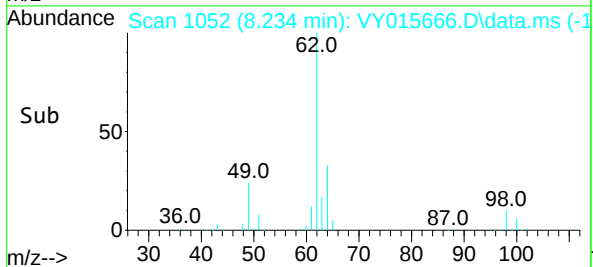
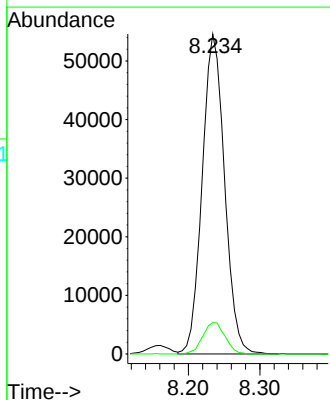
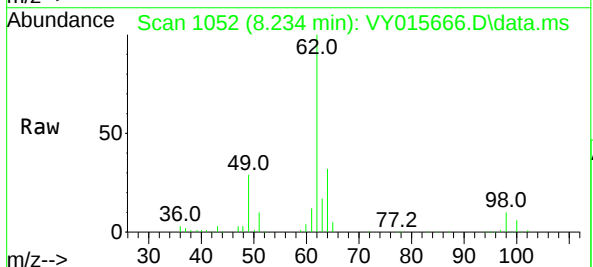
Manual Integrations
APPROVED

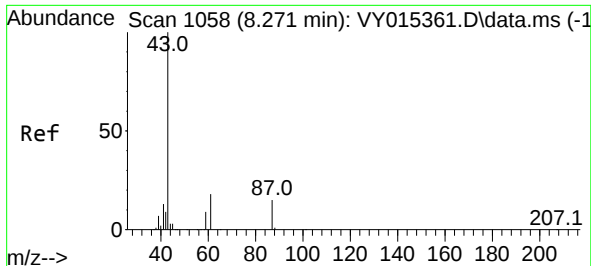
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#42
1,2-Dichloroethane
Concen: 52.743 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

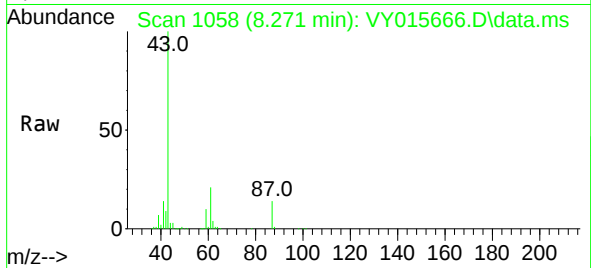
Tgt Ion: 62 Resp: 118455
Ion Ratio Lower Upper
62 100
98 9.8 0.0 15.8





#43
Isopropyl Acetate
Concen: 51.744 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.007 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

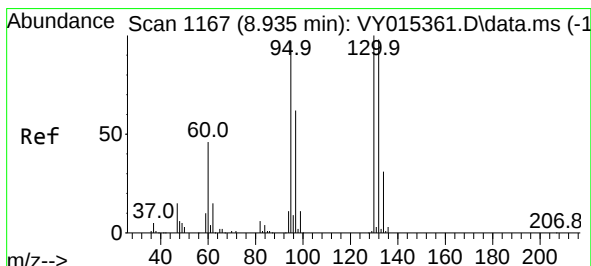
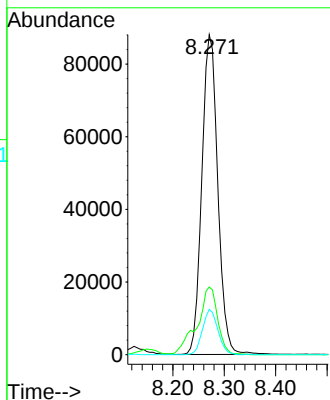
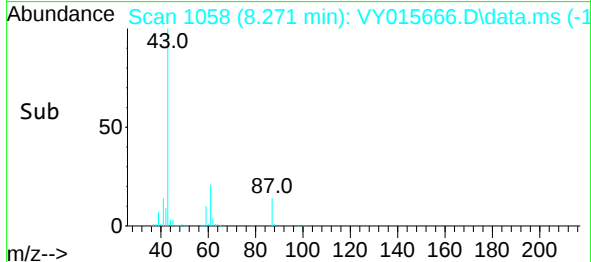
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



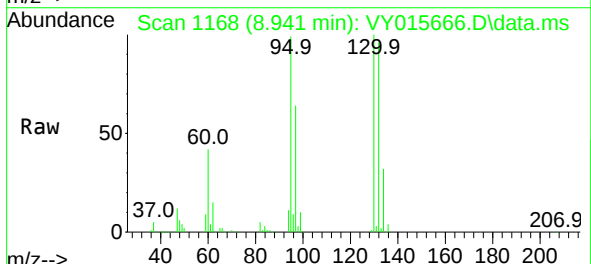
Tgt Ion: 43 Resp: 18958
Ion Ratio Lower Upper
43 100
61 27.3 21.1 31.7
87 13.7 9.8 14.8

Manual Integrations
APPROVED

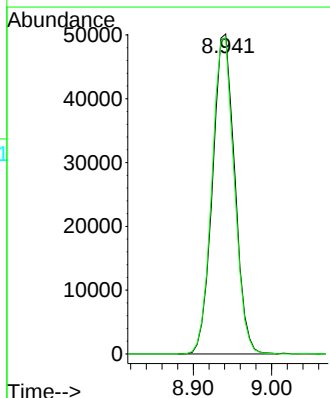
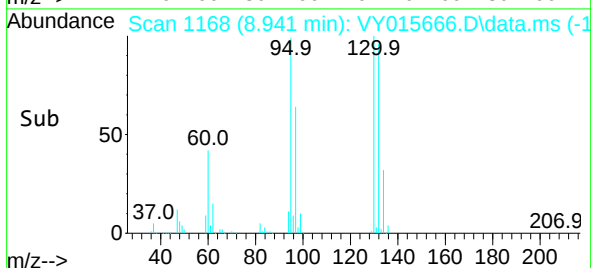
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023

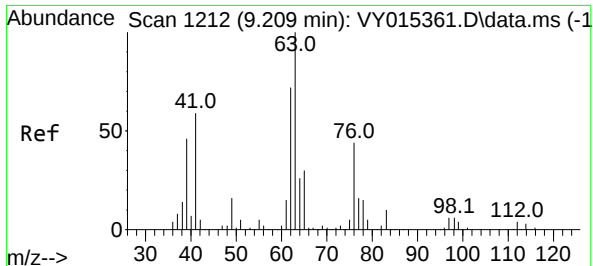


#44
Trichloroethene
Concen: 53.920 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32



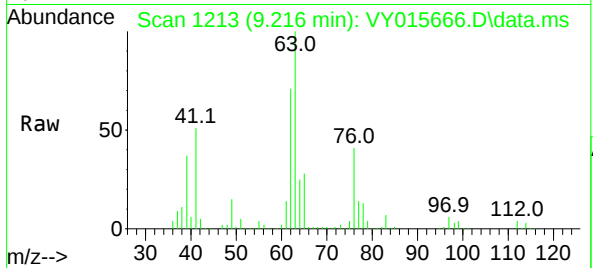
Tgt Ion:130 Resp: 98760
Ion Ratio Lower Upper
130 100
95 99.0 0.0 196.0





#45
1,2-Dichloropropane
Concen: 54.278 ug/l
RT: 9.216 min Scan# 1213
Delta R.T. 0.001 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

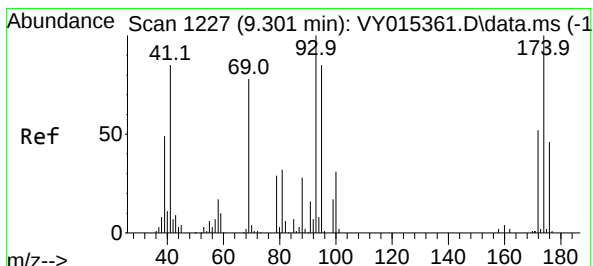
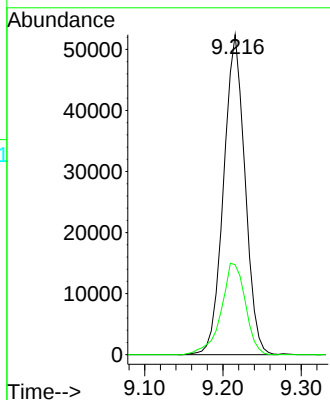
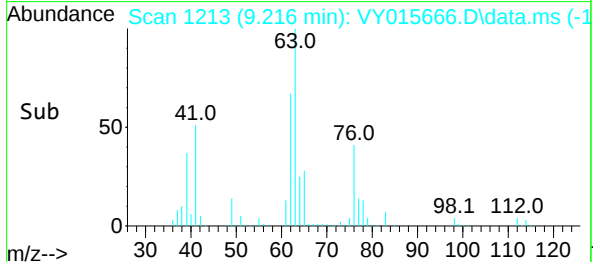
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



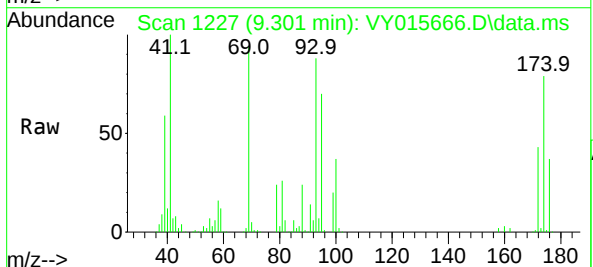
Tgt Ion: 63 Resp: 99262
Ion Ratio Lower Upper
63 100
65 28.1 23.8 35.6

Manual Integrations
APPROVED

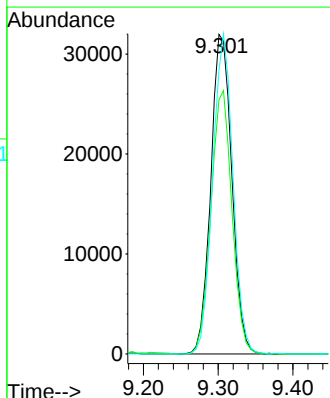
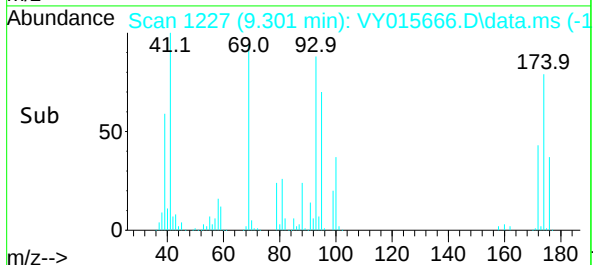
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023

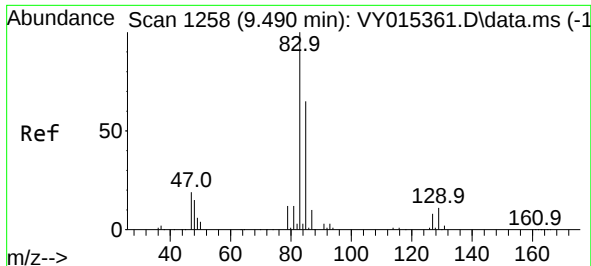


#46
Dibromomethane
Concen: 53.620 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32



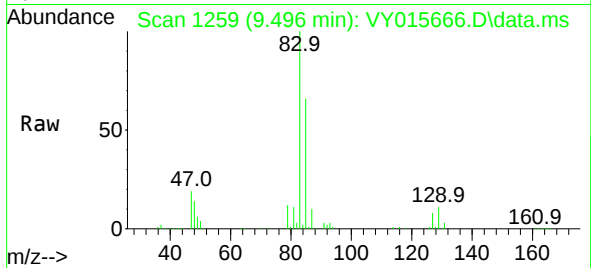
Tgt Ion: 93 Resp: 62725
Ion Ratio Lower Upper
93 100
95 82.2 66.6 100.0
174 96.7 84.8 127.2





#47
Bromodichloromethane
Concen: 53.843 ug/l
RT: 9.496 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

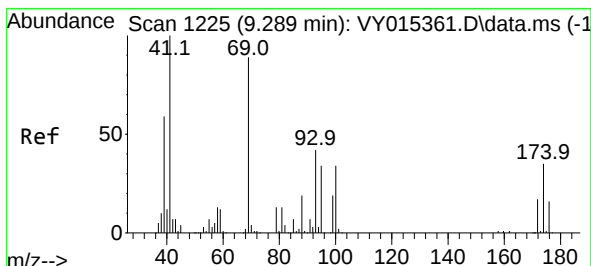
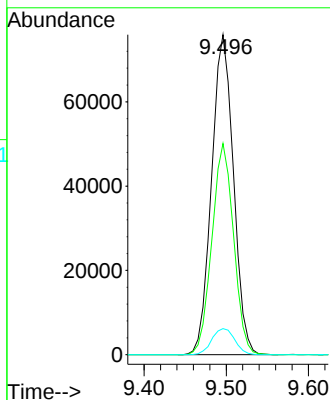
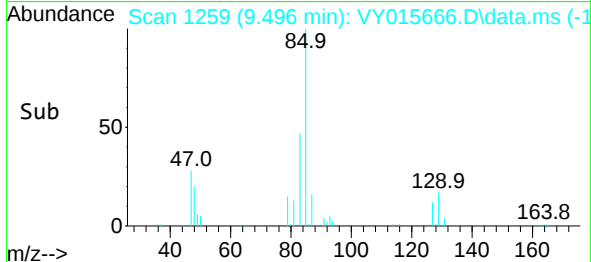
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



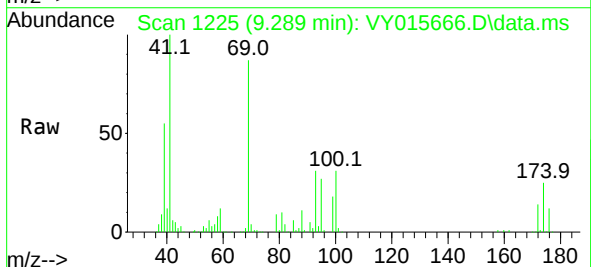
Tgt Ion: 83 Resp: 140394
Ion Ratio Lower Upper
83 100
85 66.0 50.1 75.1
127 8.2 7.1 10.7

Manual Integrations
APPROVED

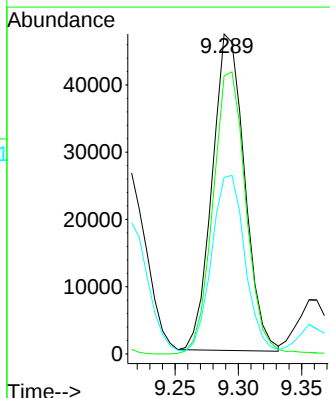
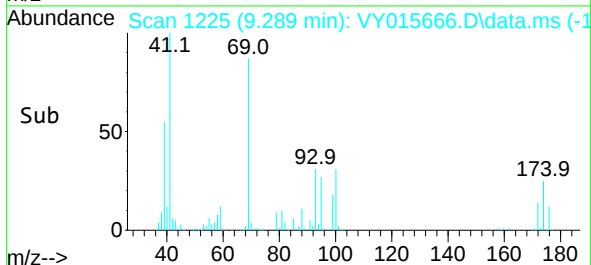
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023

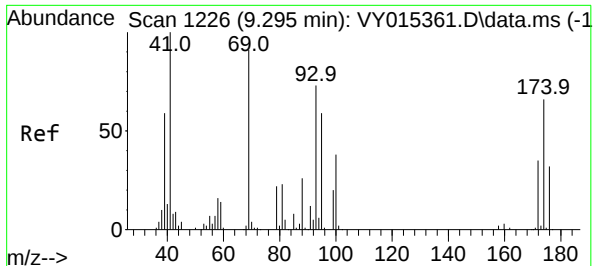


#48
Methyl methacrylate
Concen: 52.136 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32



Tgt Ion: 41 Resp: 83847
Ion Ratio Lower Upper
41 100
69 90.7 64.5 96.7
39 58.2 50.8 76.2





#49

1,4-Dioxane

Concen: 1018.973 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.012 min

Lab File: VY015666.D

Acq: 21 Sep 2023 09:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 23549

Ion Ratio Lower Upper

88 100

43 26.3 0.0 0.0

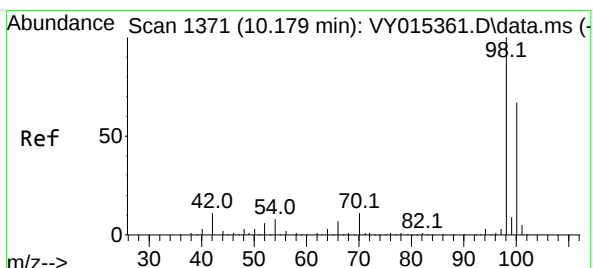
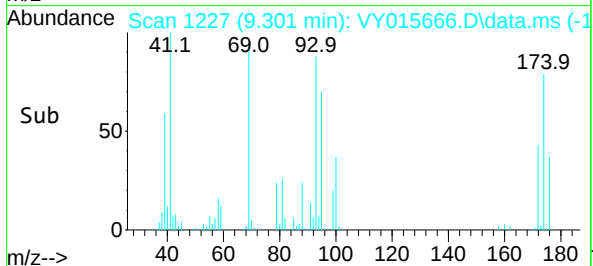
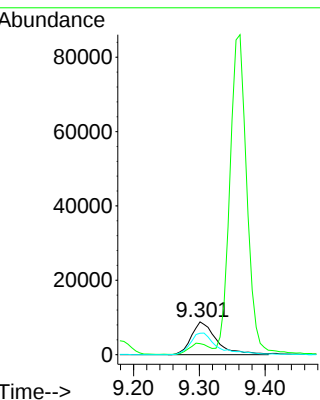
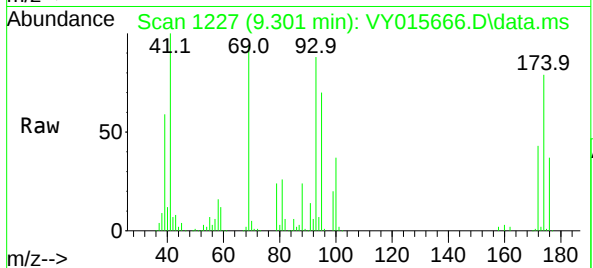
58 71.3 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#50

Toluene-d8

Concen: 49.929 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY015666.D

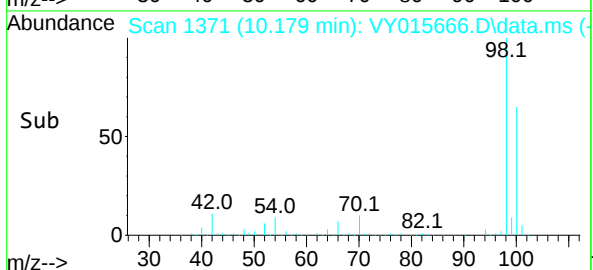
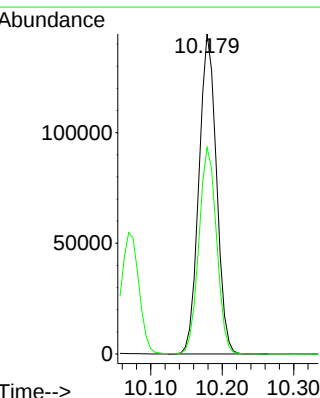
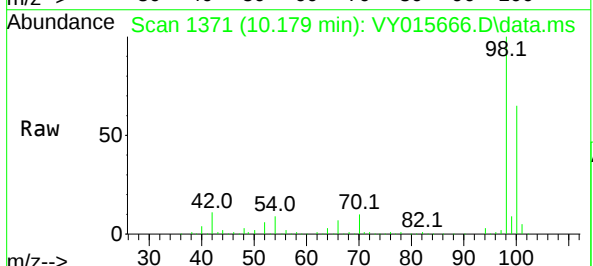
Acq: 21 Sep 2023 09:32

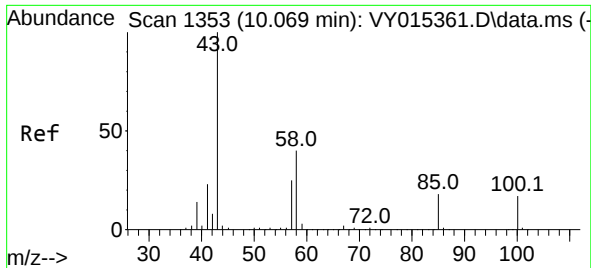
Tgt Ion: 98 Resp: 246212

Ion Ratio Lower Upper

98 100

100 65.1 50.1 75.1





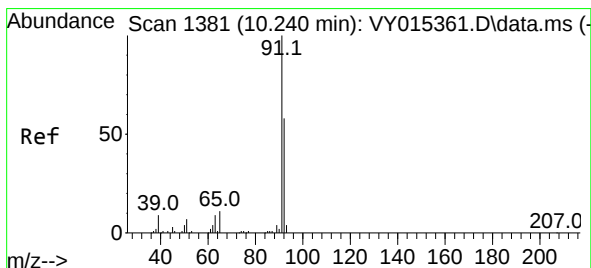
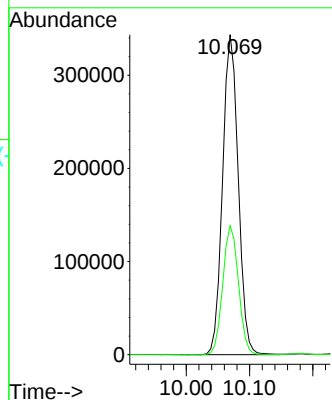
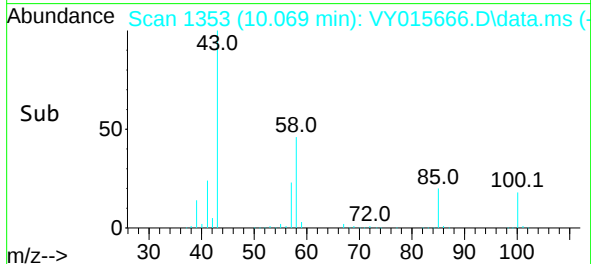
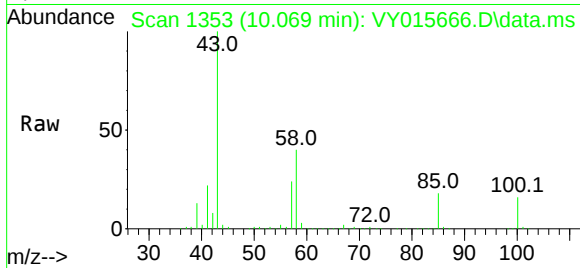
#51
4-Methyl-2-Pentanone
Concen: 258.664 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 58742
Ion Ratio Lower Upper
43 100
58 40.4 29.0 43.6

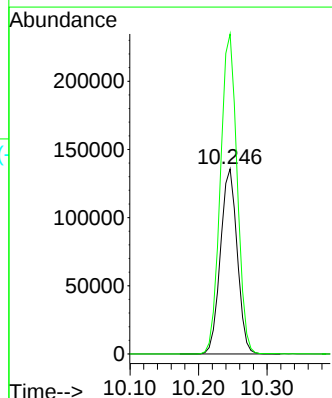
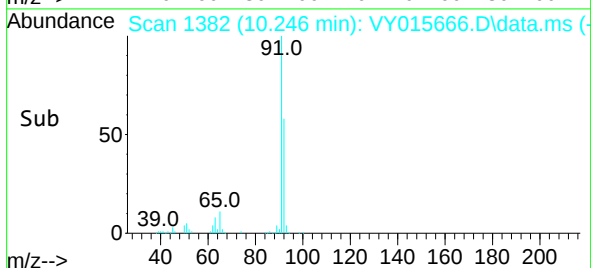
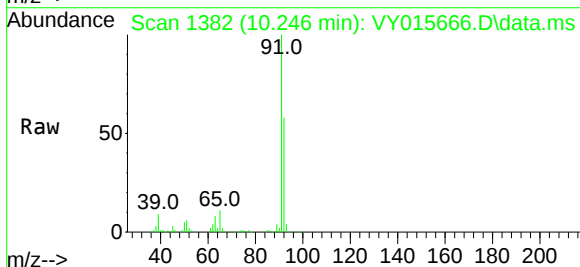
Manual Integrations
APPROVED

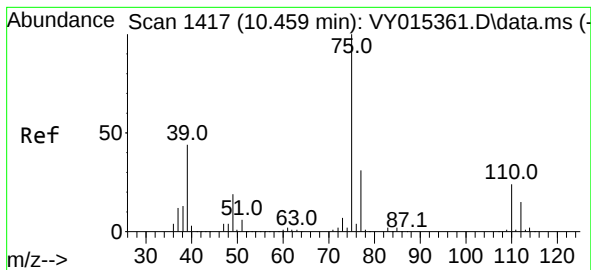
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#52
Toluene
Concen: 54.231 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

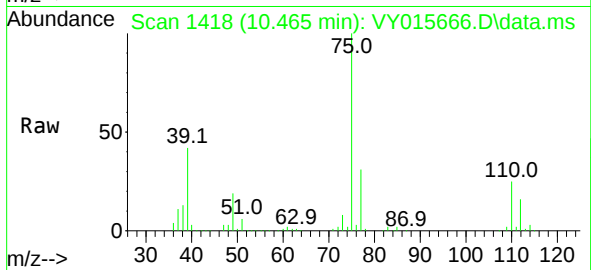
Tgt Ion: 92 Resp: 229273
Ion Ratio Lower Upper
92 100
91 173.2 143.8 215.6





#53
 t-1,3-Dichloropropene
 Concen: 54.102 ug/l
 RT: 10.465 min Scan# 1417
 Delta R.T. 0.006 min
 Lab File: VY015666.D
 Acq: 21 Sep 2023 09:32

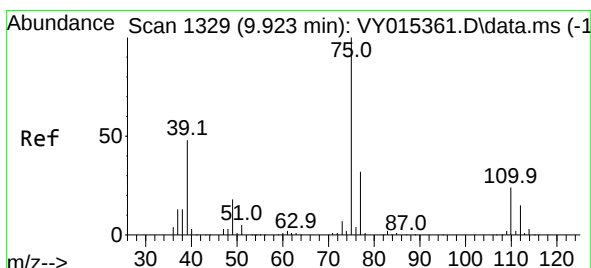
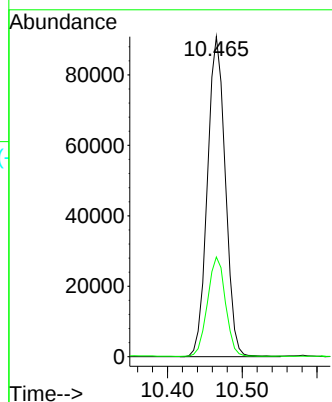
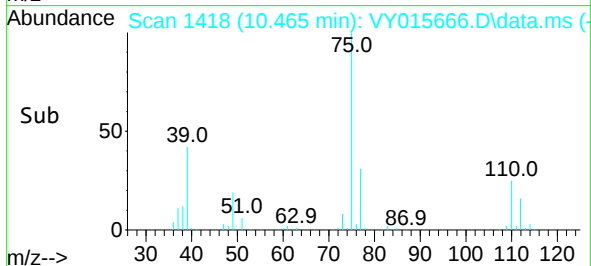
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 75 Resp: 151277
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.0 37.4

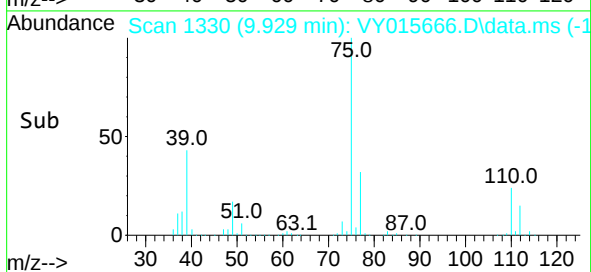
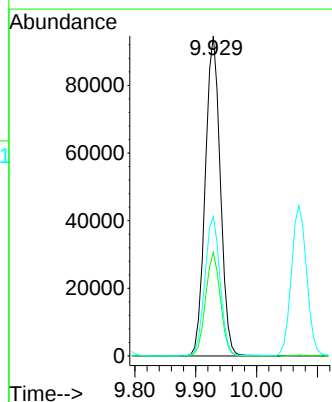
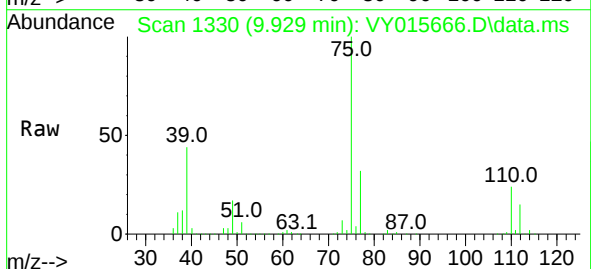
Manual Integrations
 APPROVED

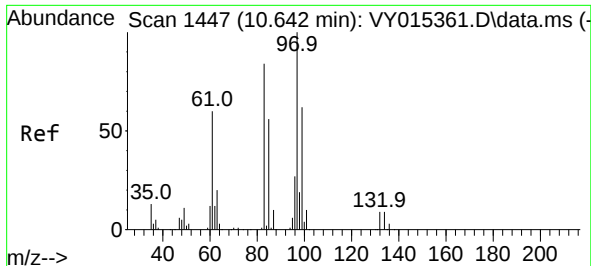
Reviewed By :John Carlone 09/22/2023
 Supervised By :Mahesh Dadoda 09/22/2023



#54
 cis-1,3-Dichloropropene
 Concen: 54.039 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.006 min
 Lab File: VY015666.D
 Acq: 21 Sep 2023 09:32

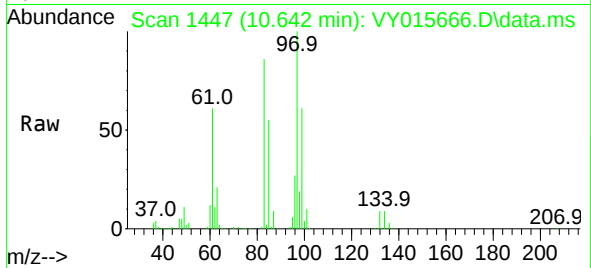
Tgt Ion: 75 Resp: 162649
 Ion Ratio Lower Upper
 75 100
 77 32.4 24.2 36.4
 39 43.5 42.2 63.4





#55
1,1,2-Trichloroethane
Concen: 53.362 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

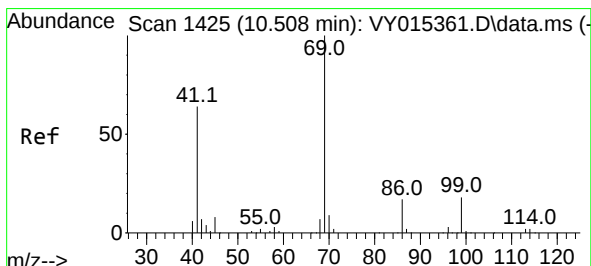
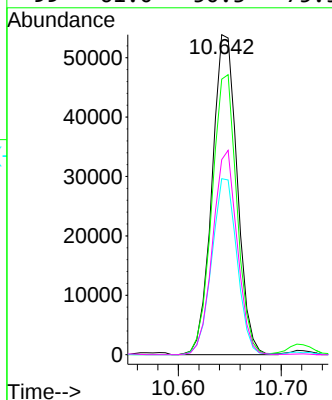
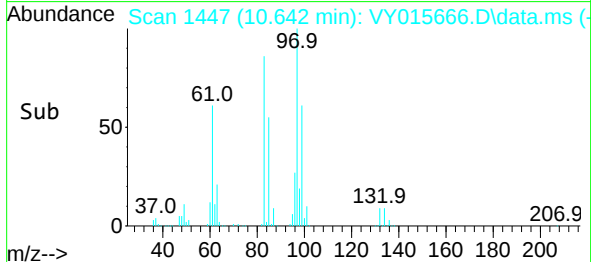
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



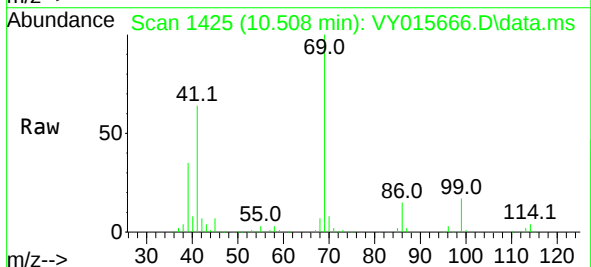
Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.1	72.0	108.0
85	55.0	45.4	68.0
99	61.0	50.3	75.5

Manual Integrations
APPROVED

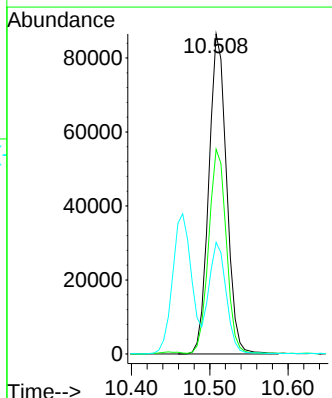
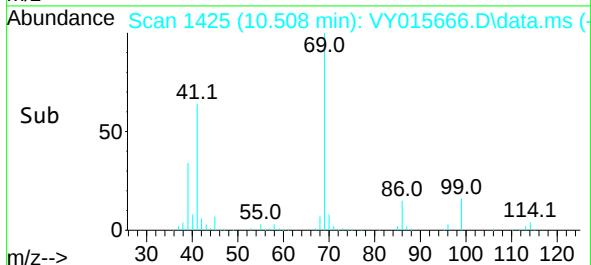
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023

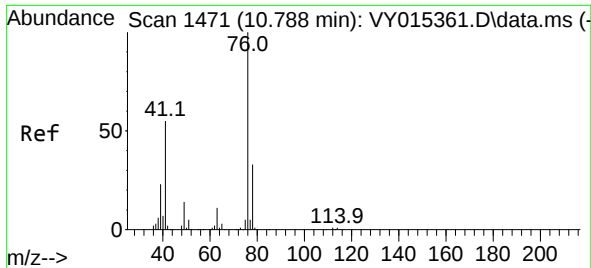


#56
Ethyl methacrylate
Concen: 53.867 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32



Tgt Ion	Ratio	Lower	Upper
69	100		
41	63.2	57.6	86.4
39	33.7	34.1	51.1





#57

1,3-Dichloropropane

Concen: 53.064 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY015666.D

Acq: 21 Sep 2023 09:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 152552

Ion Ratio Lower Upper

76 100

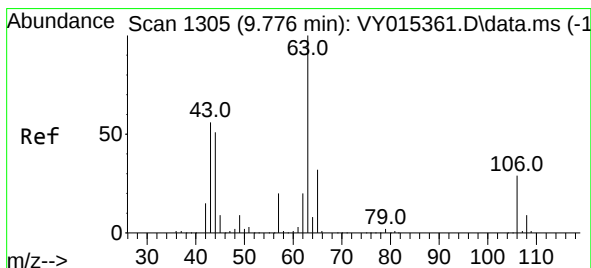
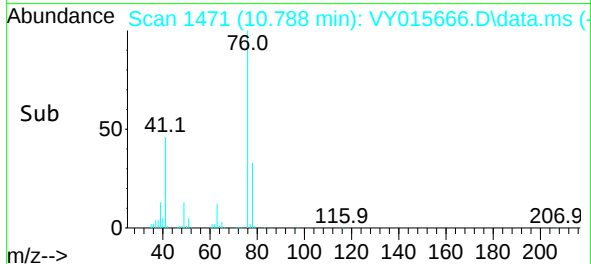
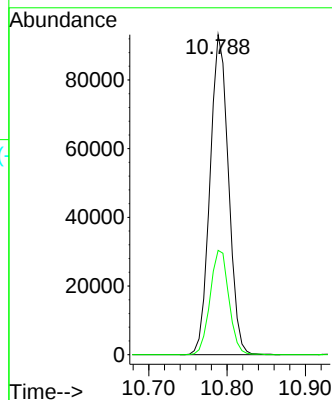
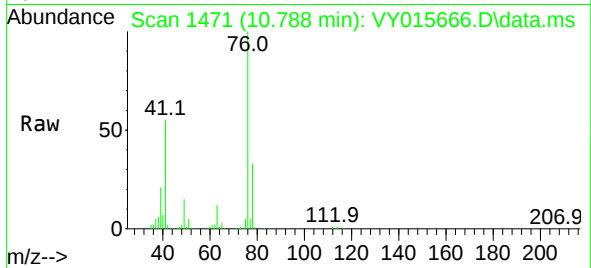
78 33.2 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#58

2-Chloroethyl Vinyl ether

Concen: 250.430 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.007 min

Lab File: VY015666.D

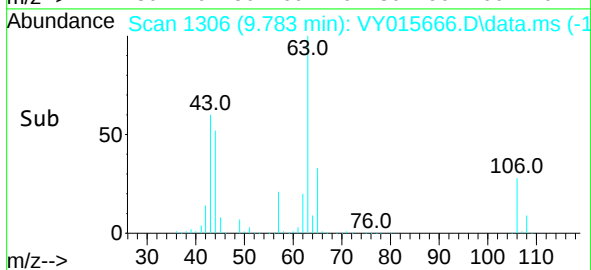
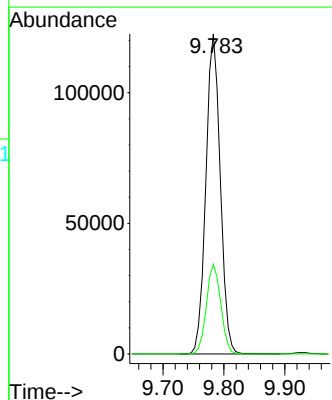
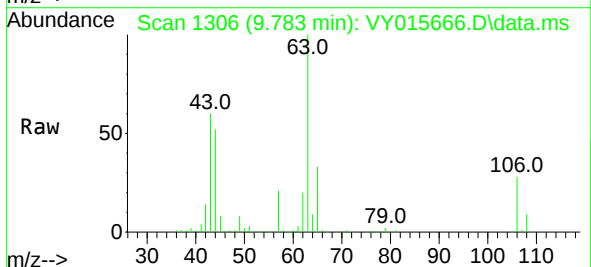
Acq: 21 Sep 2023 09:32

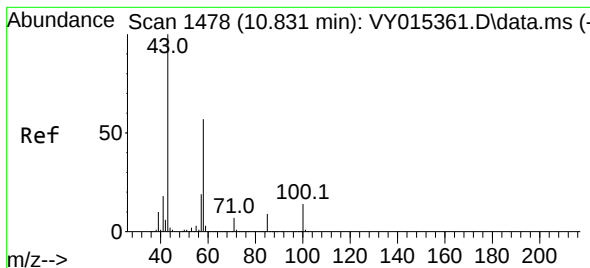
Tgt Ion: 63 Resp: 200967

Ion Ratio Lower Upper

63 100

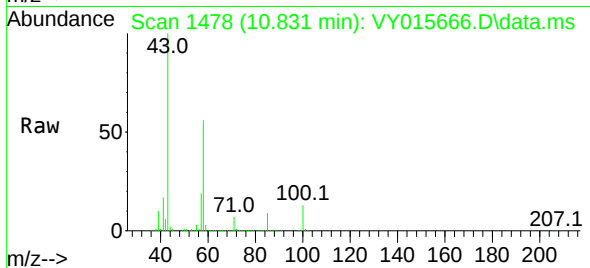
106 28.0 21.2 31.8





#59
2-Hexanone
Concen: 270.418 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

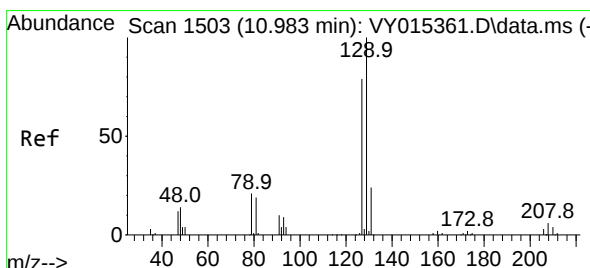
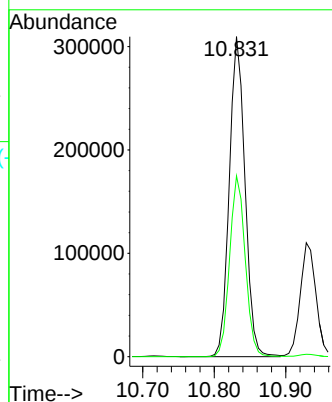
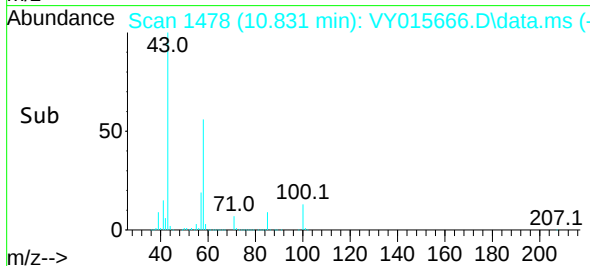
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 47115
Ion Ratio Lower Upper
43 100
58 56.3 25.1 75.3

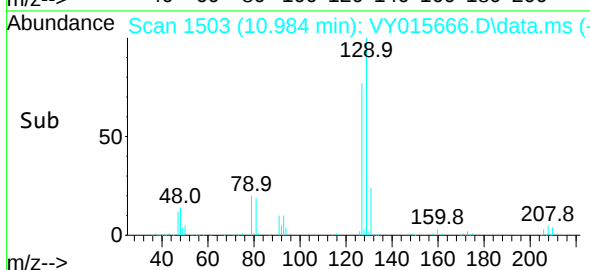
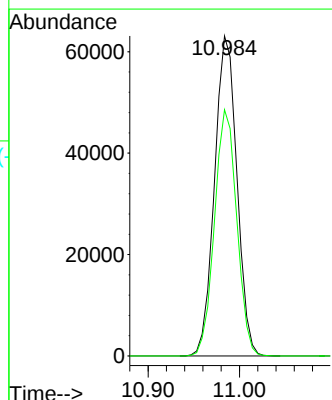
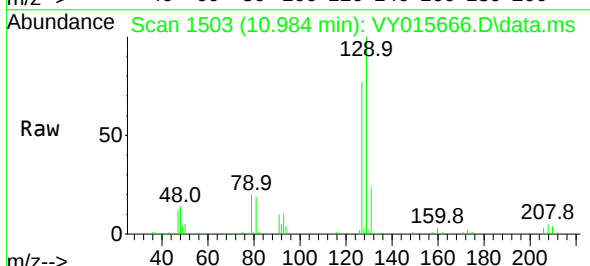
Manual Integrations
APPROVED

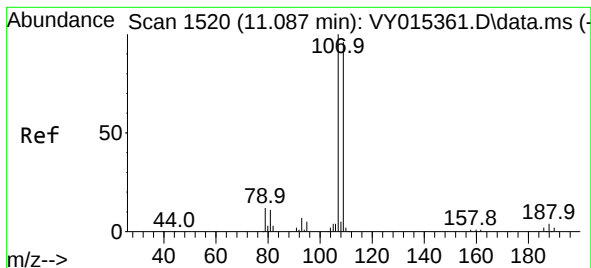
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#60
Dibromochloromethane
Concen: 53.698 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

Tgt Ion:129 Resp: 107460
Ion Ratio Lower Upper
129 100
127 76.5 38.5 115.5





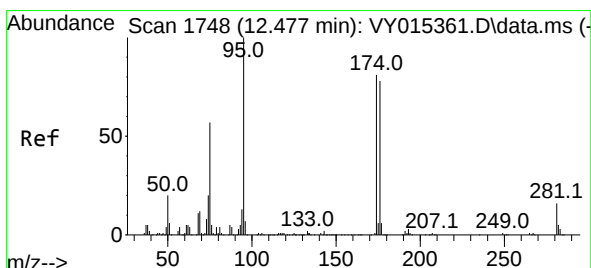
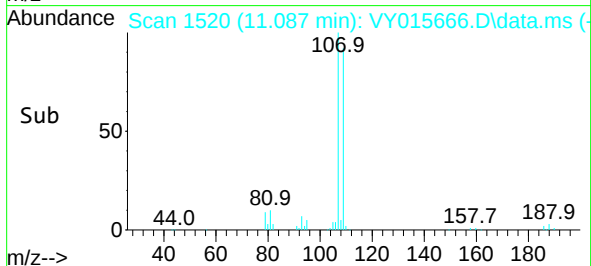
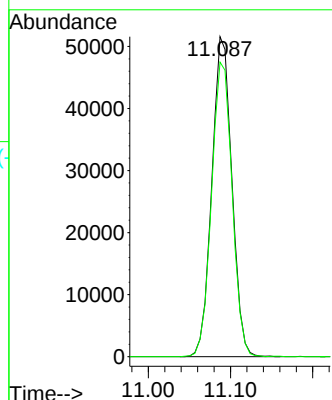
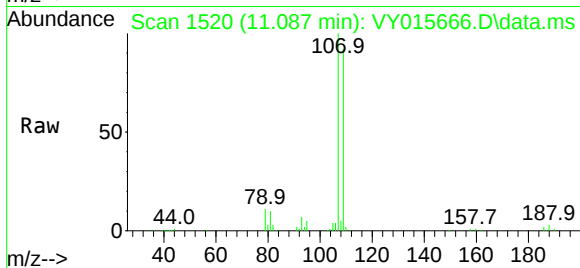
#61
1,2-Dibromoethane
Concen: 52.010 ug/l
RT: 11.087 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 87228
Ion Ratio Lower Upper
107 100
109 94.4 75.6 113.4

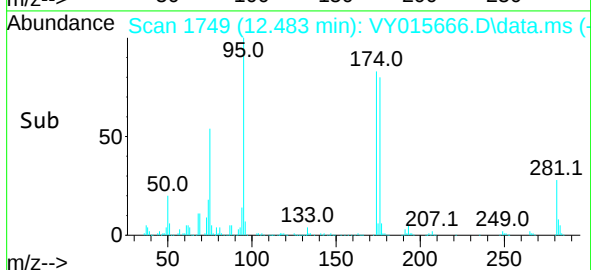
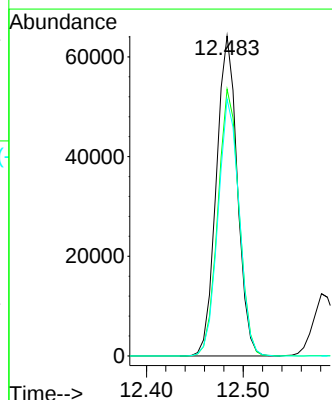
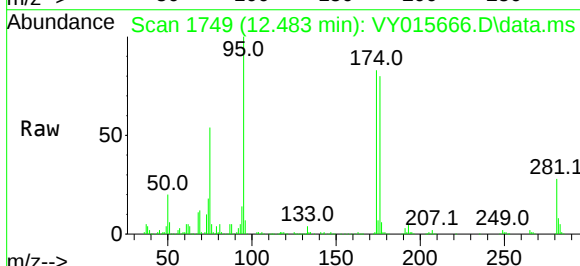
Manual Integrations
APPROVED

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



#62
4-Bromofluorobenzene
Concen: 49.903 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

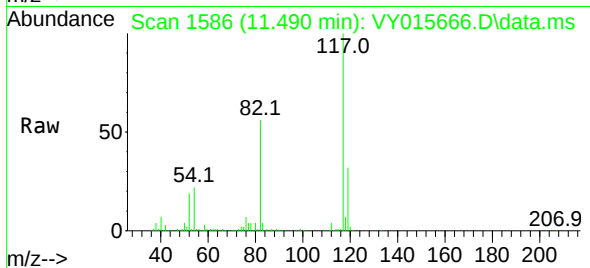
Tgt Ion: 95 Resp: 96571
Ion Ratio Lower Upper
95 100
174 83.9 0.0 178.2
176 81.0 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

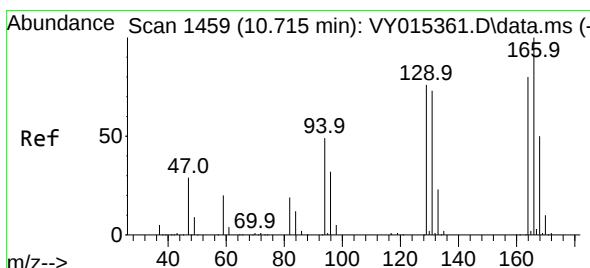
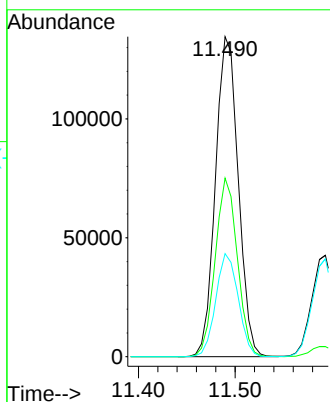
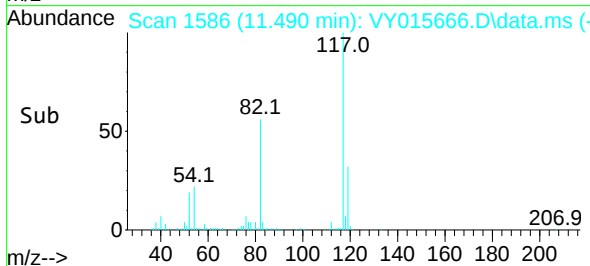
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



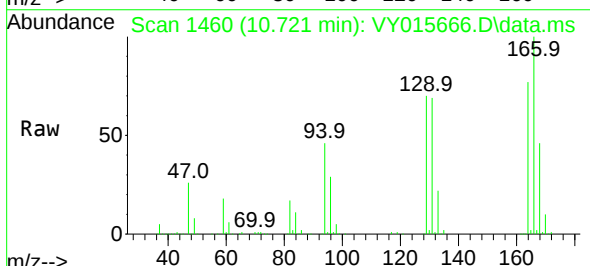
Tgt Ion:117 Resp: 22016
Ion Ratio Lower Upper
117 100
82 55.8 43.4 65.0
119 32.2 26.3 39.5

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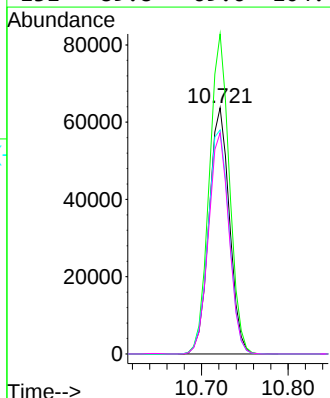
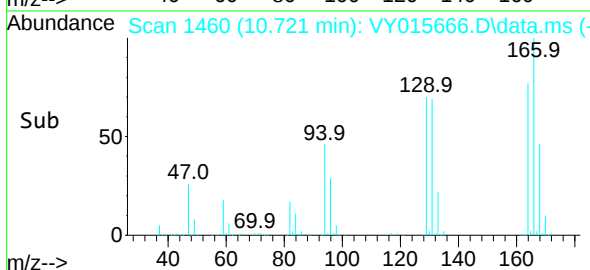
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023

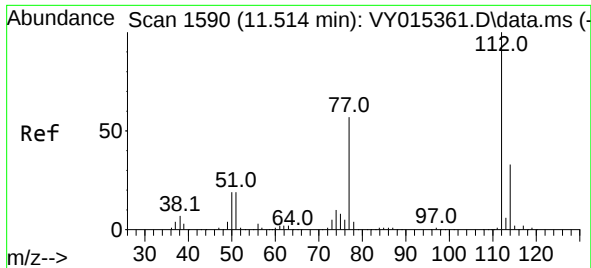


#64
Tetrachloroethene
Concen: 55.079 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32



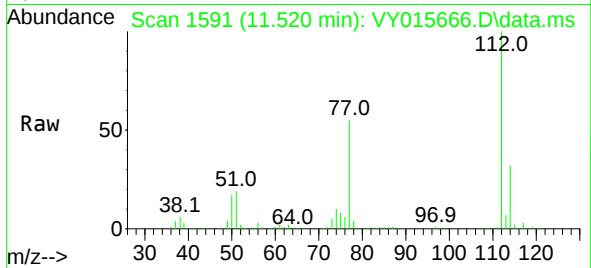
Tgt Ion:164 Resp: 104042
Ion Ratio Lower Upper
164 100
166 130.0 103.0 154.6
129 91.0 77.2 115.8
131 89.8 69.6 104.4





#65
Chlorobenzene
Concen: 53.545 ug/l
RT: 11.520 min Scan# 1590
Delta R.T. 0.006 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

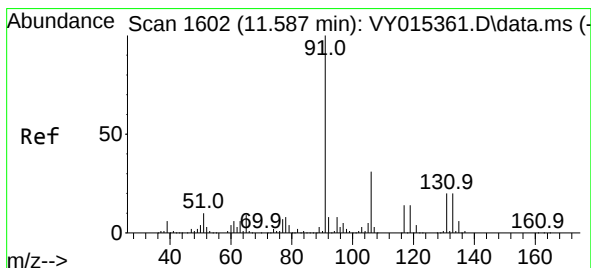
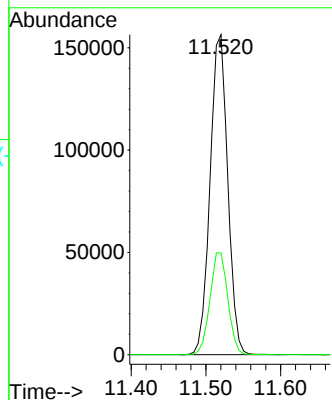
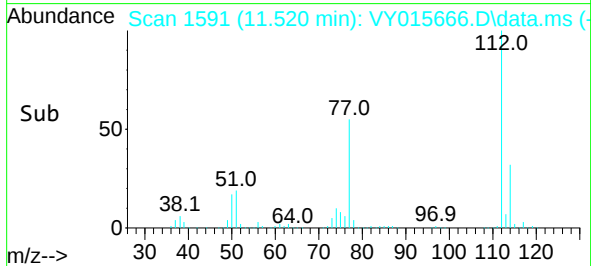
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 257330
Ion Ratio Lower Upper
112 100
114 31.8 25.5 38.3

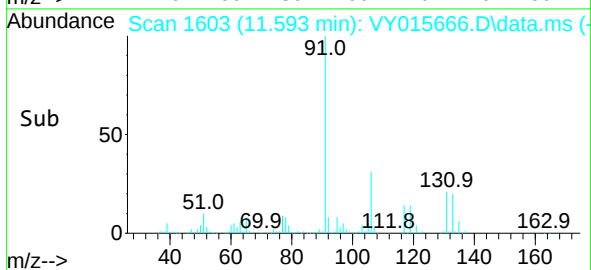
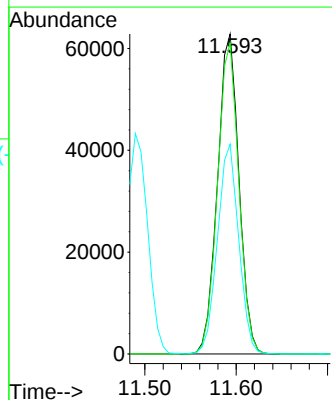
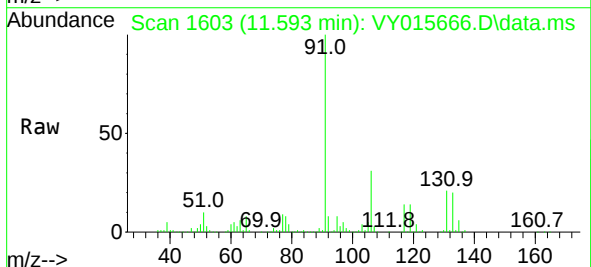
Manual Integrations
APPROVED

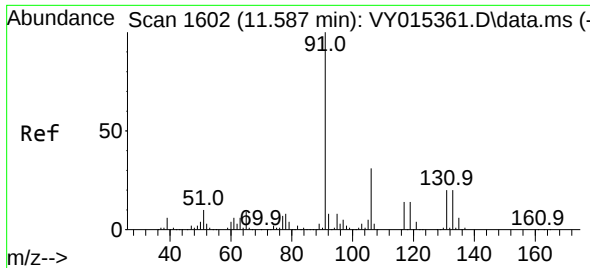
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 54.890 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

Tgt Ion:131 Resp: 102467
Ion Ratio Lower Upper
131 100
133 96.5 47.5 142.6
119 65.2 31.6 94.7





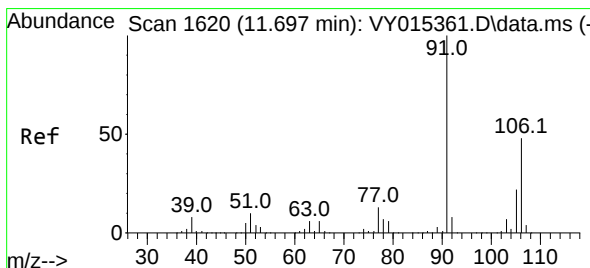
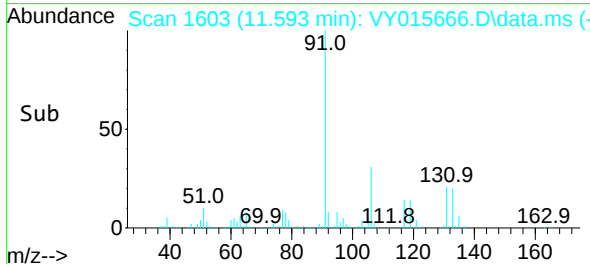
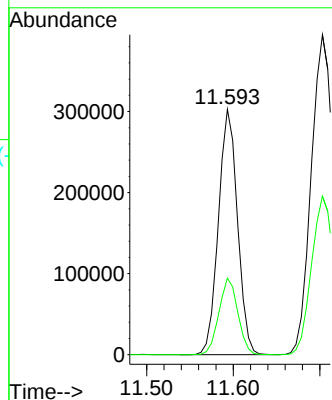
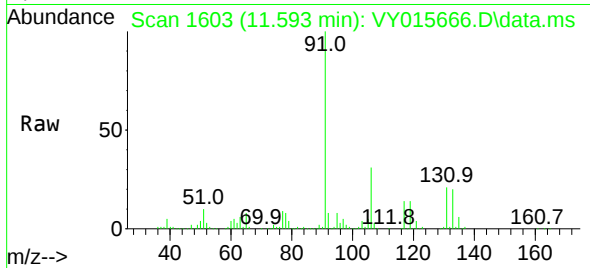
#67
Ethyl Benzene
Concen: 55.059 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 46248
Ion Ratio Lower Upper
91 100
106 31.2 24.6 36.8

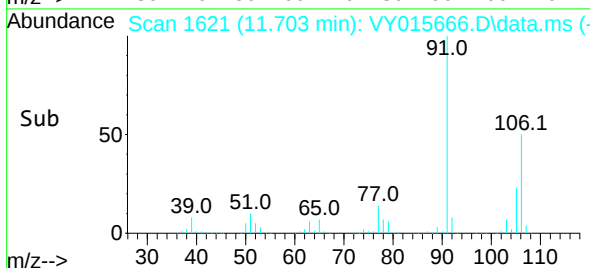
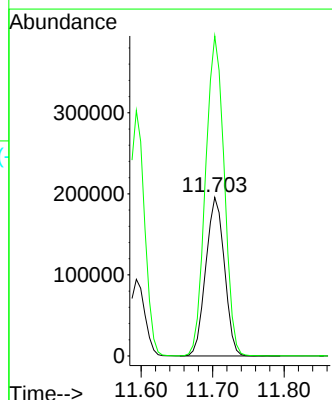
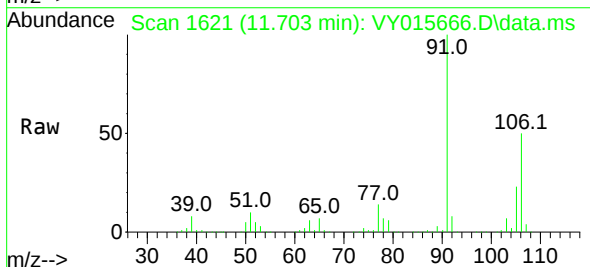
Manual Integrations
APPROVED

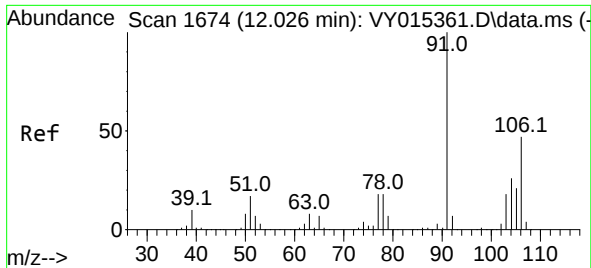
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#68
m/p-Xylenes
Concen: 110.751 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

Tgt Ion:106 Resp: 353597
Ion Ratio Lower Upper
106 100
91 202.4 166.1 249.1





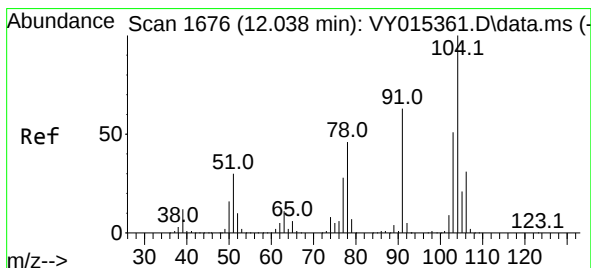
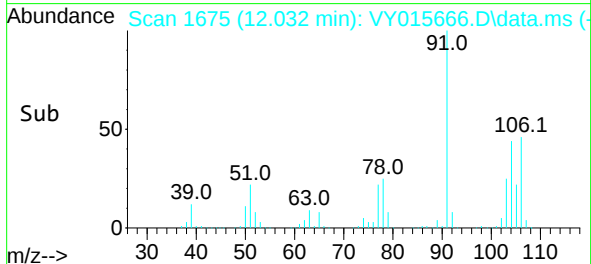
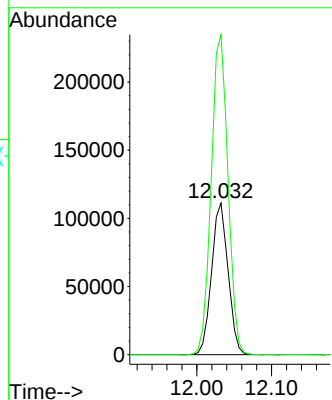
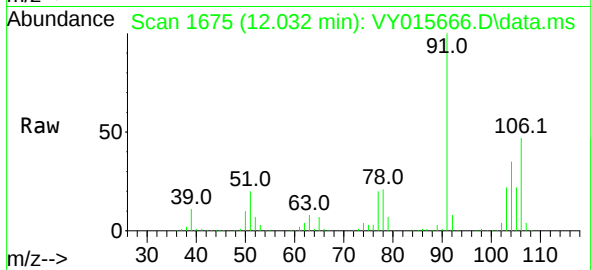
#69
o-Xylene
Concen: 54.613 ug/l
RT: 12.032 min Scan# 1674
Delta R.T. 0.006 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 17097
Ion Ratio Lower Upper
106 100
91 214.0 108.1 324.3

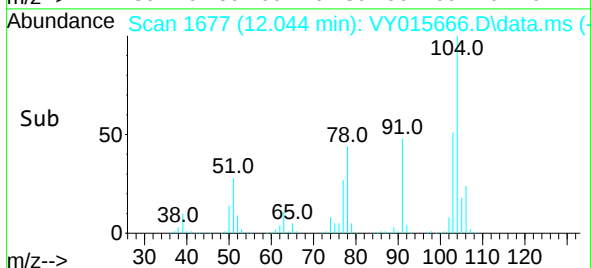
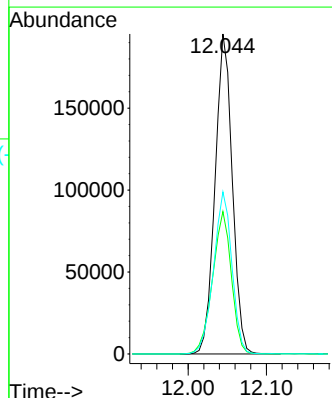
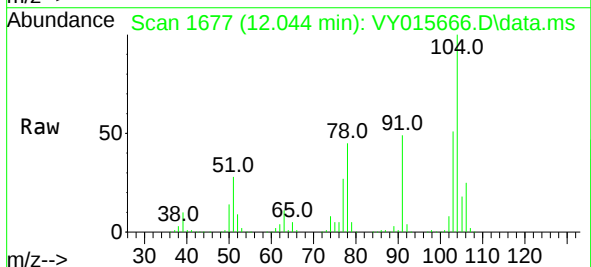
Manual Integrations
APPROVED

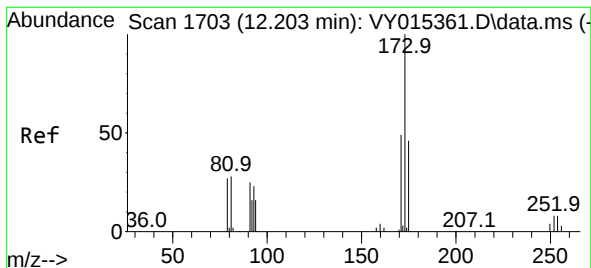
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#70
Styrene
Concen: 55.755 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

Tgt Ion:104 Resp: 298781
Ion Ratio Lower Upper
104 100
78 48.5 41.5 62.3
103 54.1 44.6 67.0





#71

Bromoform

Concen: 54.952 ug/l

RT: 12.209 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VY015666.D

Acq: 21 Sep 2023 09:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

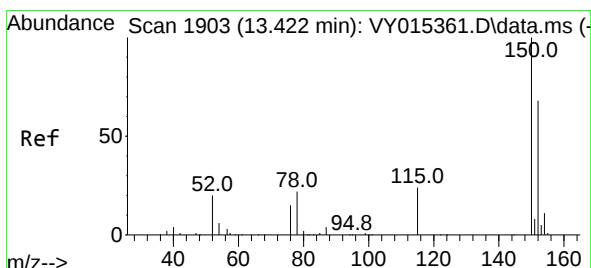
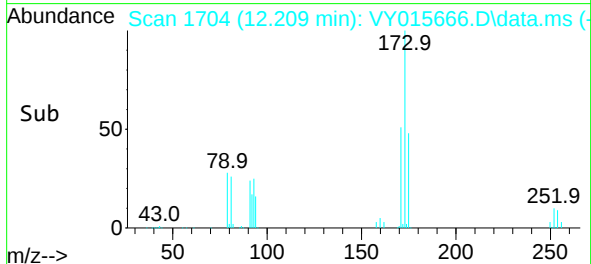
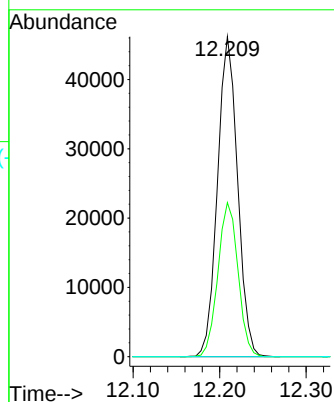
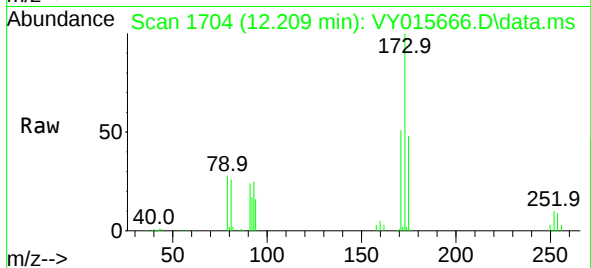
Tgt Ion:173	Resp:	7433
Ion Ratio	Lower	Upper
173	100	
175	48.2	24.6 73.8
254	0.0	0.2 0.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

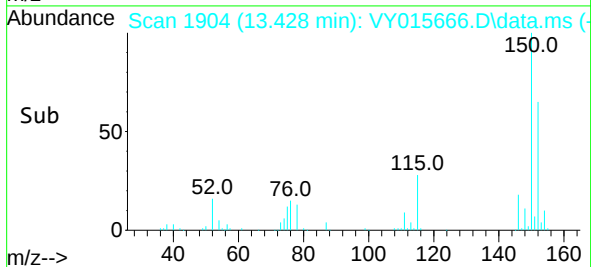
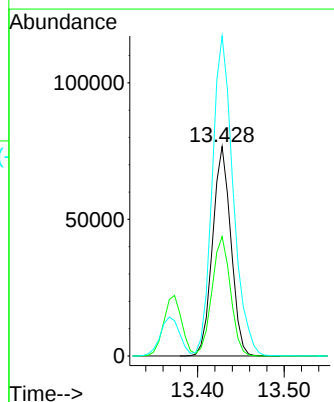
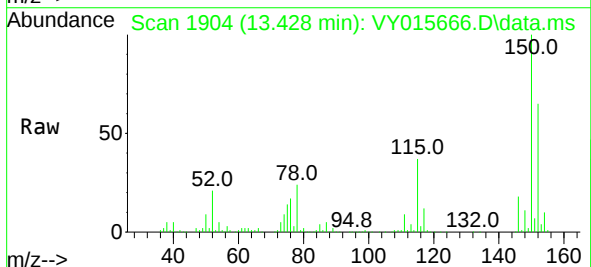
RT: 13.428 min Scan# 1904

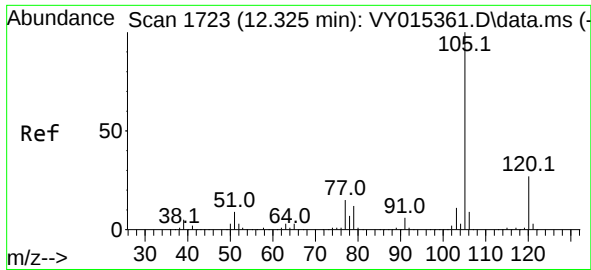
Delta R.T. 0.006 min

Lab File: VY015666.D

Acq: 21 Sep 2023 09:32

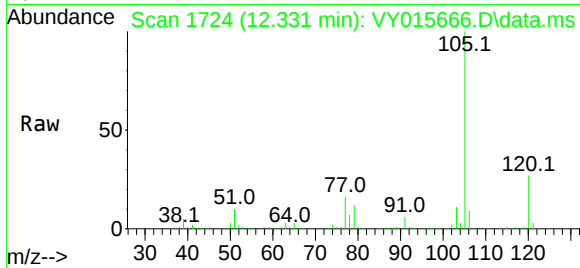
Tgt Ion:152	Resp:	112591
Ion Ratio	Lower	Upper
152	100	
115	57.5	28.8 86.5
150	174.4	0.0 348.8





#73
Isopropylbenzene
Concen: 54.380 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

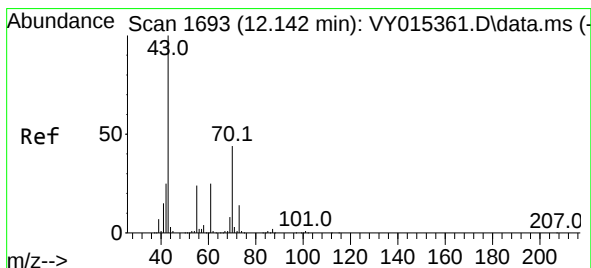
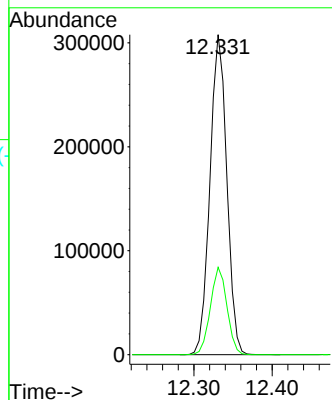
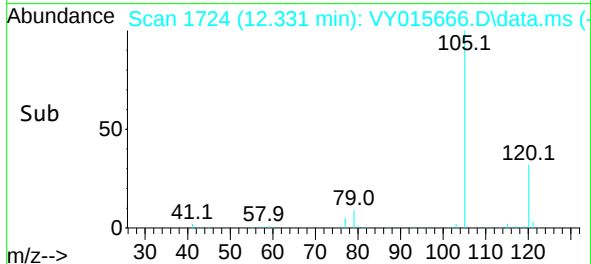
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



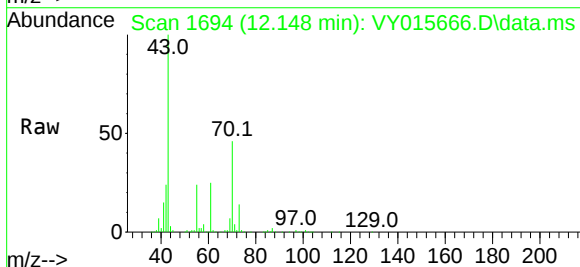
Tgt Ion:105 Resp: 459308
Ion Ratio Lower Upper
105 100
120 26.8 13.3 39.9

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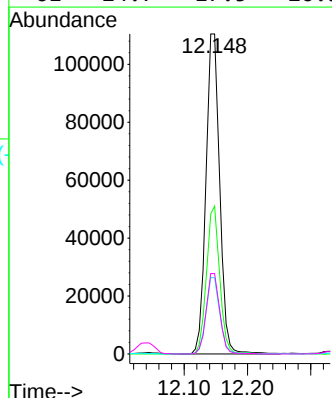
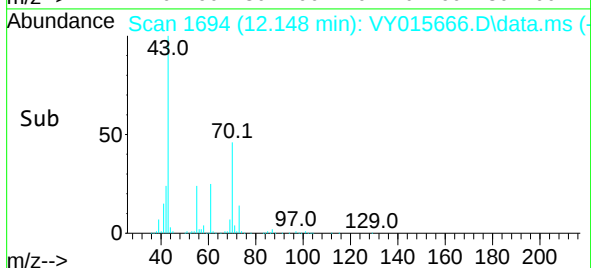
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023

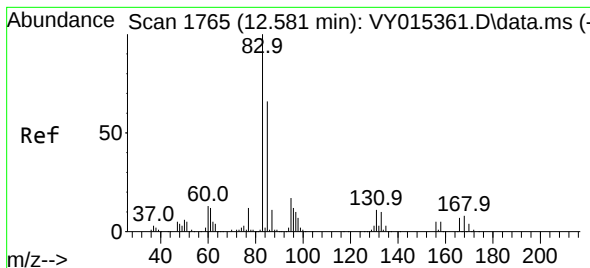


#74
N-ethyl acetate
Concen: 52.803 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32



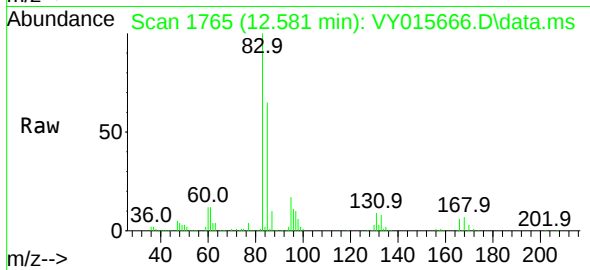
Tgt Ion: 43 Resp: 167623
Ion Ratio Lower Upper
43 100
70 44.5 29.7 44.5#
55 24.1 18.3 27.5
61 24.7 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 51.902 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

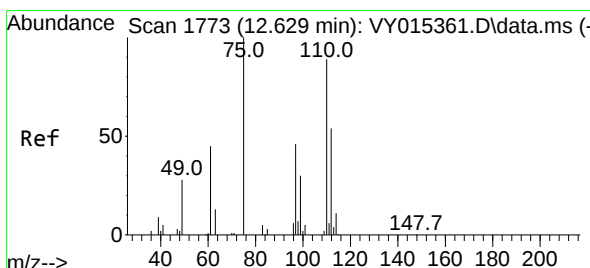
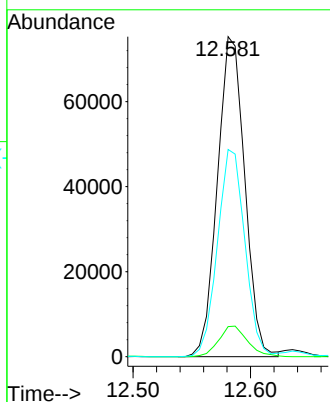
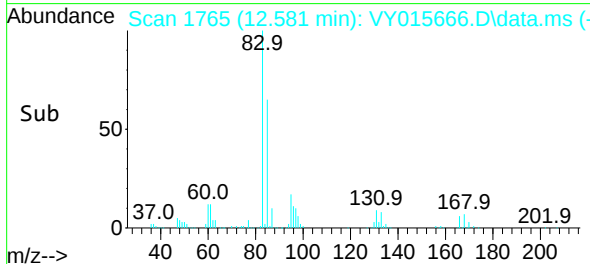
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



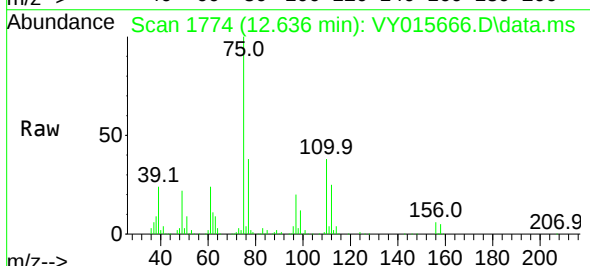
Tgt Ion: 83 Resp: 122004
Ion Ratio Lower Upper
83 100
131 10.1 5.4 16.2
85 65.0 31.8 95.4

Manual Integrations
APPROVED

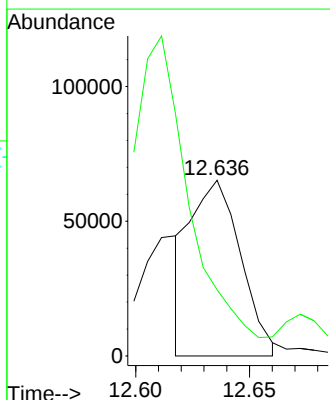
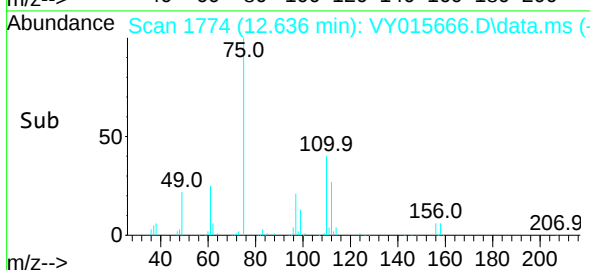
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023

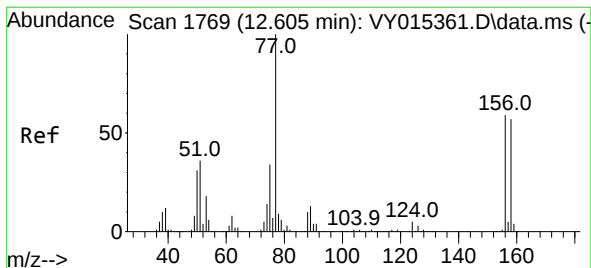


#76
1,2,3-Trichloropropane
Concen: 55.993 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. 0.007 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32



Tgt Ion: 75 Resp: 100574
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.914 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY015666.D

Acq: 21 Sep 2023 09:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

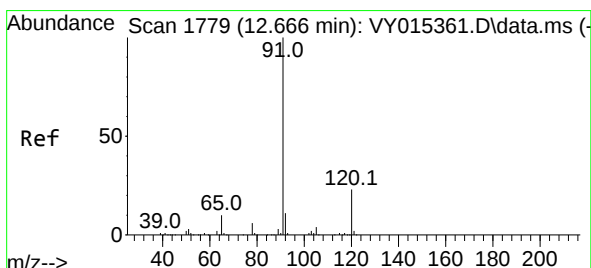
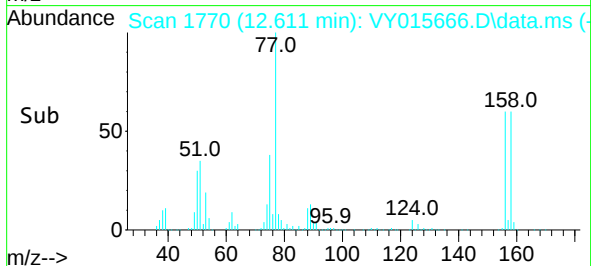
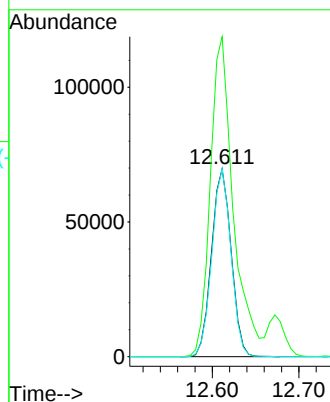
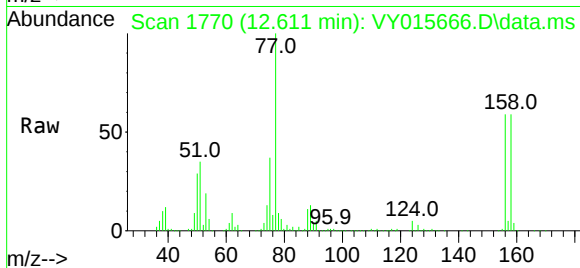
Tgt Ion:	156	Resp:	109708
Ion	Ratio	Lower	Upper
156	100		
77	197.7	92.8	278.6
158	97.6	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#78

n-propylbenzene

Concen: 54.865 ug/l

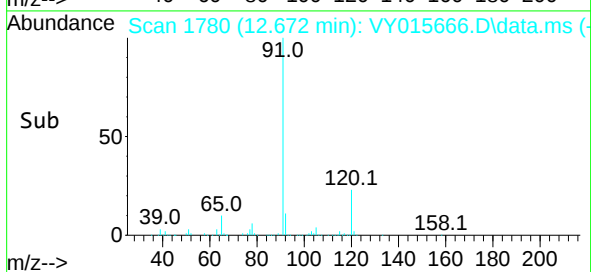
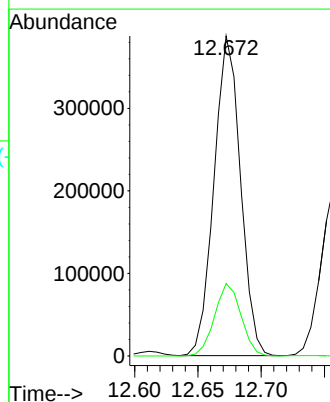
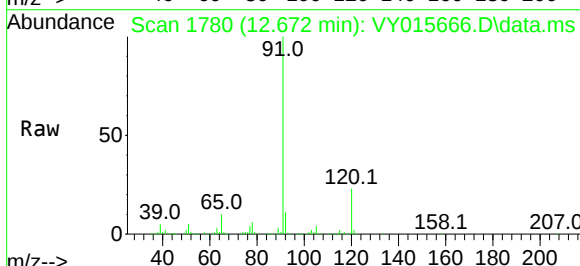
RT: 12.672 min Scan# 1780

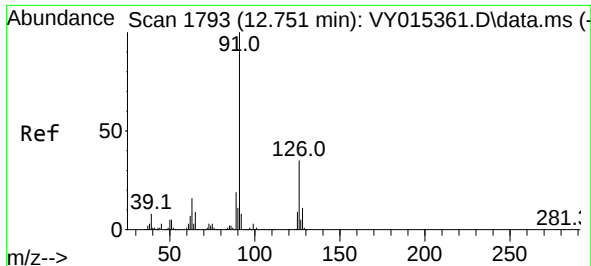
Delta R.T. 0.006 min

Lab File: VY015666.D

Acq: 21 Sep 2023 09:32

Tgt Ion:	91	Resp:	562977
Ion	Ratio	Lower	Upper
91	100		
120	22.6	11.5	34.4





#79

2-Chlorotoluene

Concen: 53.870 ug/l

RT: 12.758 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY015666.D

Acq: 21 Sep 2023 09:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 31508

Ion Ratio Lower Upper

91 100

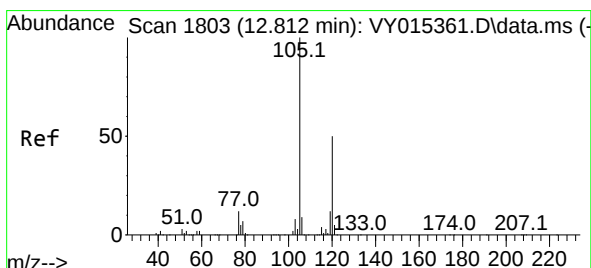
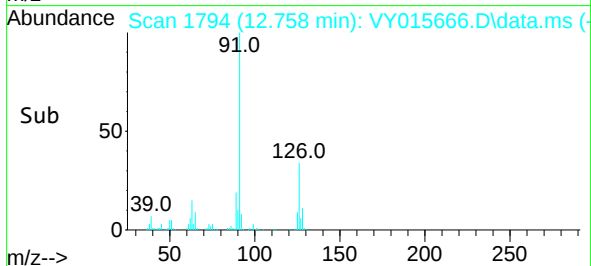
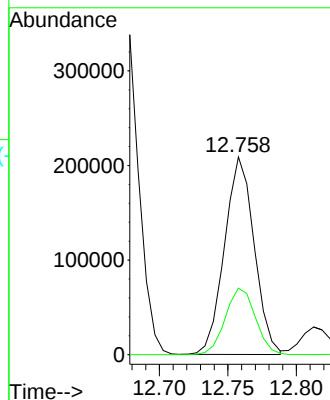
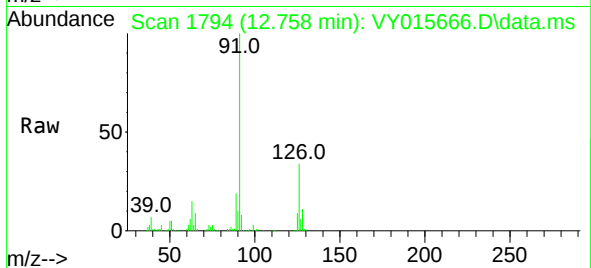
126 34.2 17.3 51.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#80

1,3,5-Trimethylbenzene

Concen: 54.288 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.001 min

Lab File: VY015666.D

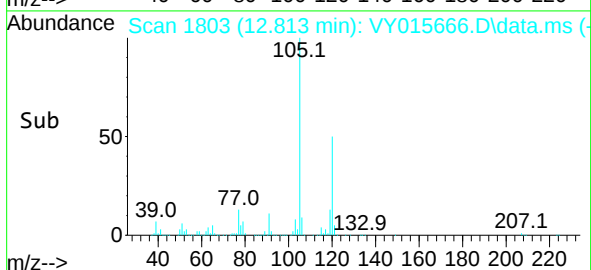
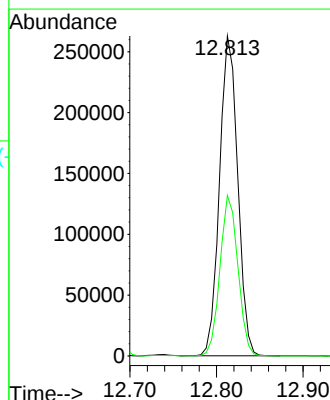
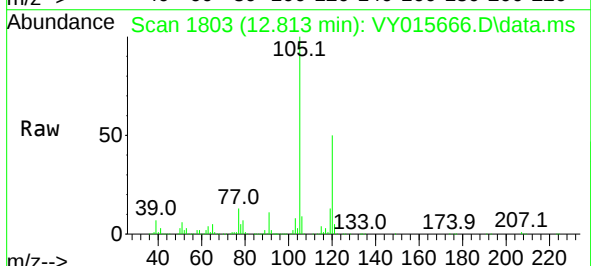
Acq: 21 Sep 2023 09:32

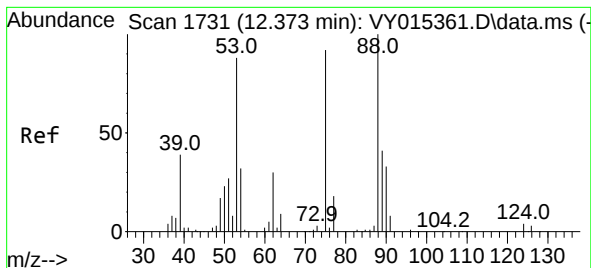
Tgt Ion:105 Resp: 383868

Ion Ratio Lower Upper

105 100

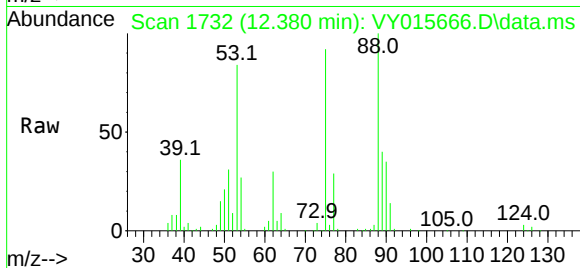
120 49.4 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 54.032 ug/l
RT: 12.380 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

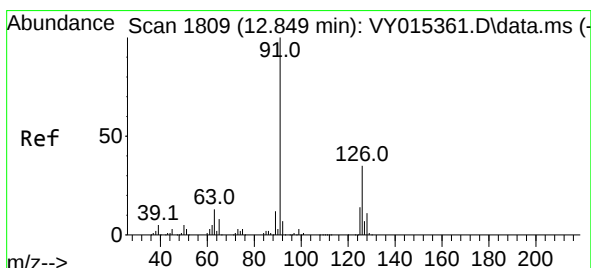
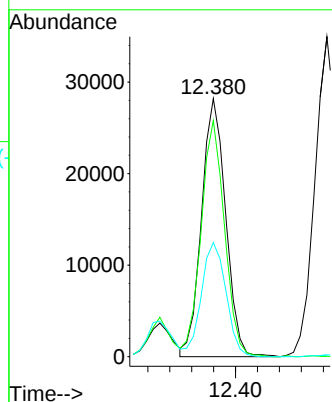
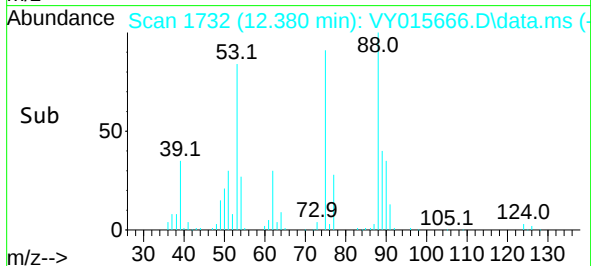
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 43098
Ion Ratio Lower Upper
75 100
53 89.1 77.8 116.8
89 45.4 37.4 56.0

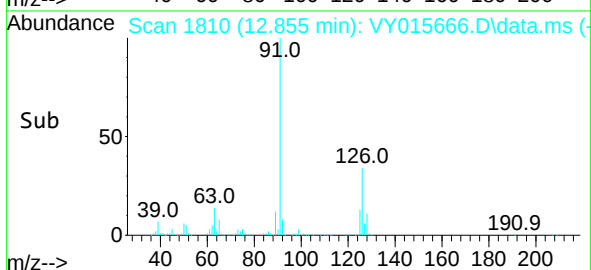
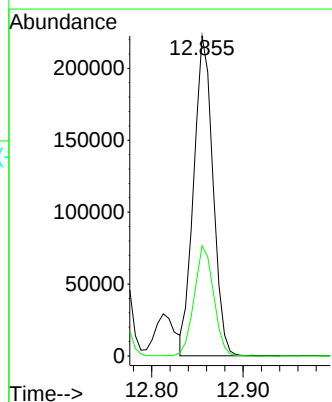
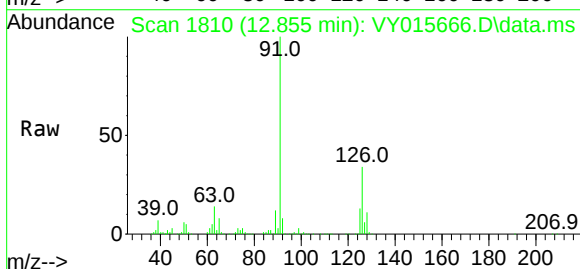
Manual Integrations
APPROVED

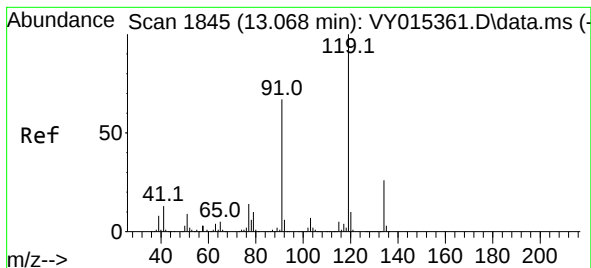
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#82
4-Chlorotoluene
Concen: 53.305 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

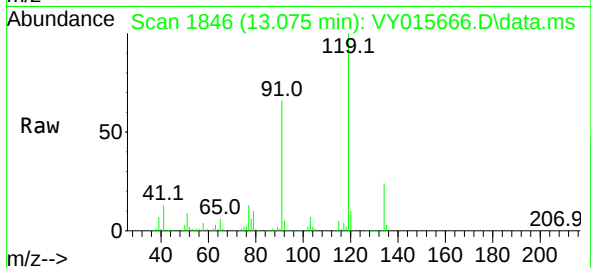
Tgt Ion: 91 Resp: 325479
Ion Ratio Lower Upper
91 100
126 34.8 17.2 51.6





#83
tert-Butylbenzene
Concen: 55.588 ug/l
RT: 13.075 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

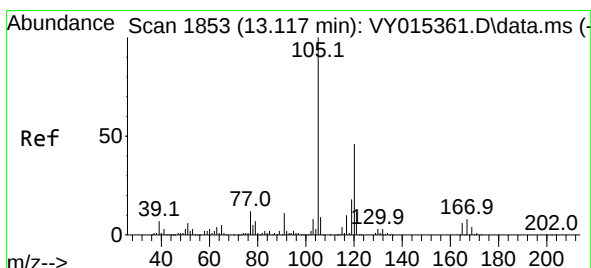
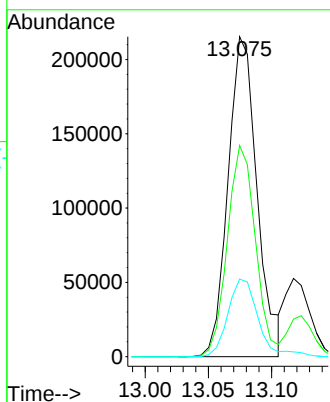
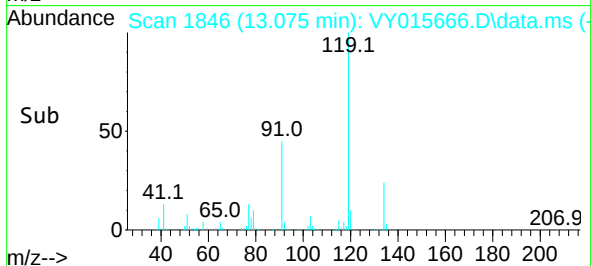
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



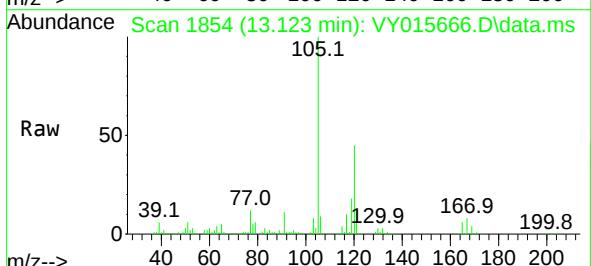
Tgt Ion:119 Resp: 344258
Ion Ratio Lower Upper
119 100
91 63.8 32.9 98.6
134 25.4 13.0 38.9

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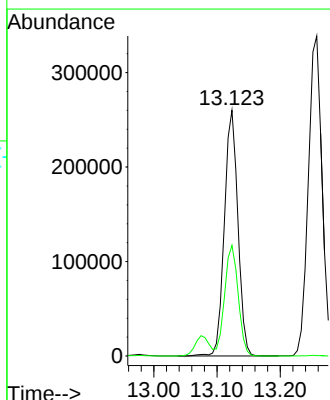
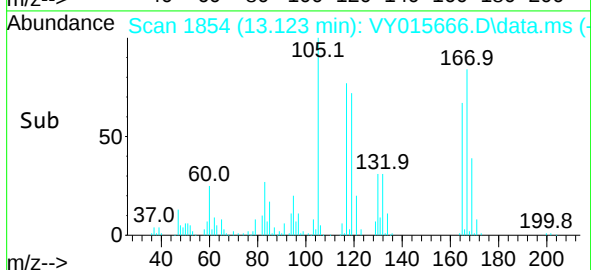
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023

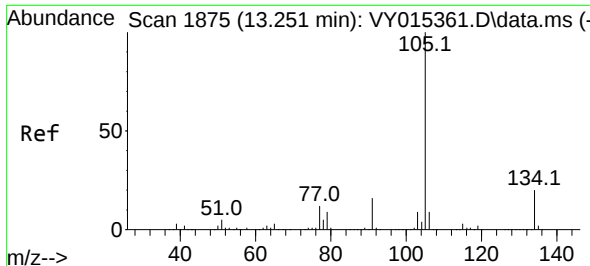


#84
1,2,4-Trimethylbenzene
Concen: 54.421 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32



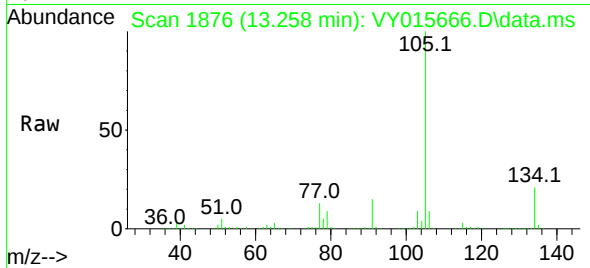
Tgt Ion:105 Resp: 385029
Ion Ratio Lower Upper
105 100
120 45.3 22.2 66.6





#85
 sec-Butylbenzene
 Concen: 54.930 ug/l
 RT: 13.258 min Scan# 1875
 Delta R.T. 0.007 min
 Lab File: VY015666.D
 Acq: 21 Sep 2023 09:32

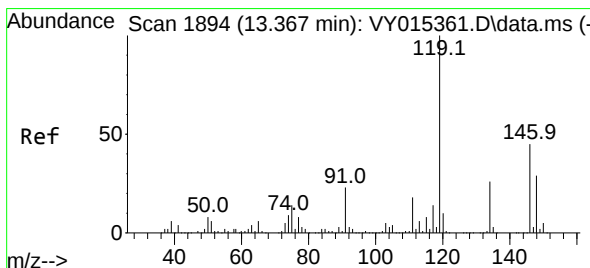
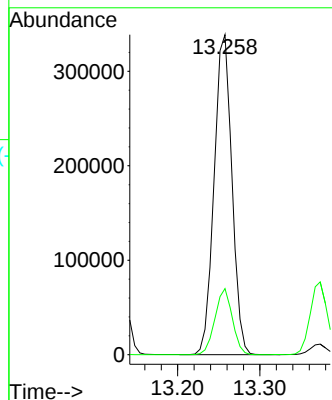
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



Tgt Ion:105 Resp: 509089
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.2 30.6

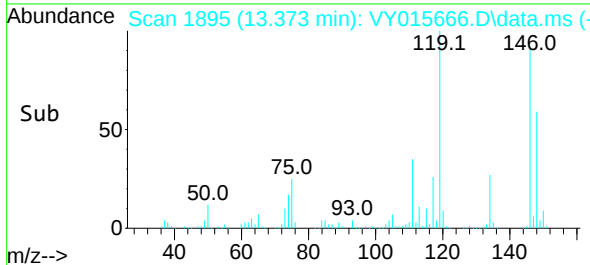
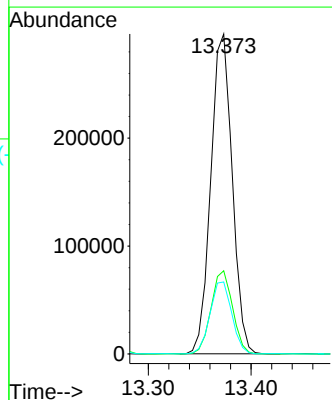
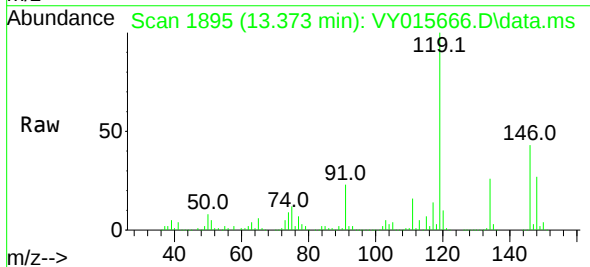
Manual Integrations
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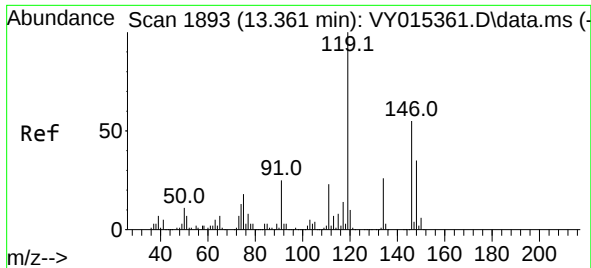
Reviewed By :John Carbone 09/22/2023
 Supervised By :Mahesh Dadoda 09/22/2023



#86
 p-Isopropyltoluene
 Concen: 55.289 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY015666.D
 Acq: 21 Sep 2023 09:32

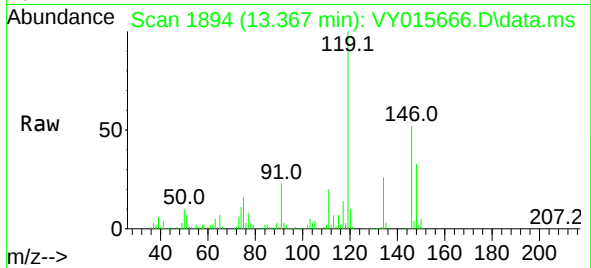
Tgt Ion:119 Resp: 428037
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.3 39.8
 91 22.9 12.4 37.4





#87
1,3-Dichlorobenzene
Concen: 53.491 ug/l
RT: 13.367 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

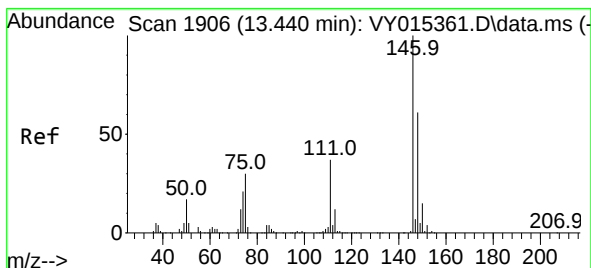
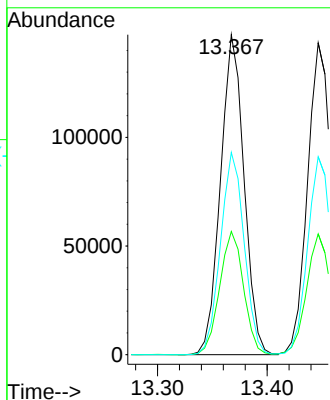
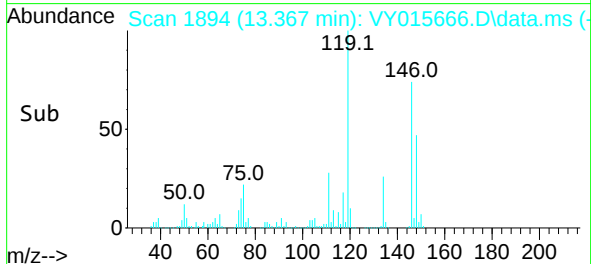
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



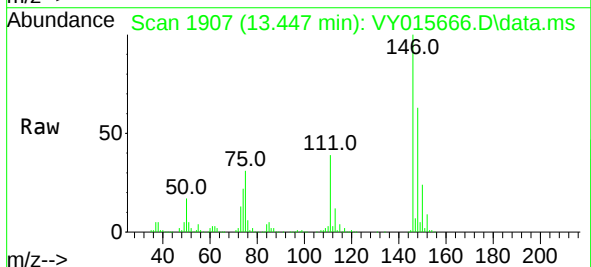
Tgt Ion:146 Resp: 22001
Ion Ratio Lower Upper
146 100
111 39.0 19.4 58.2
148 63.6 31.9 95.5

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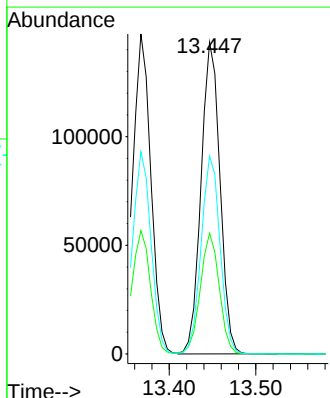
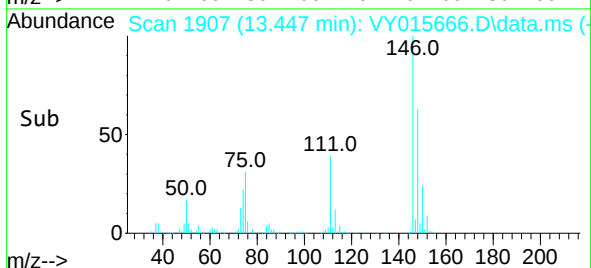
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023

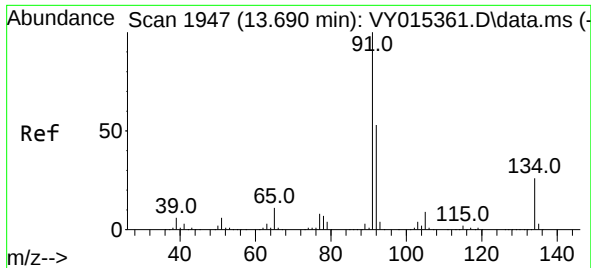


#88
1,4-Dichlorobenzene
Concen: 53.024 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.001 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32



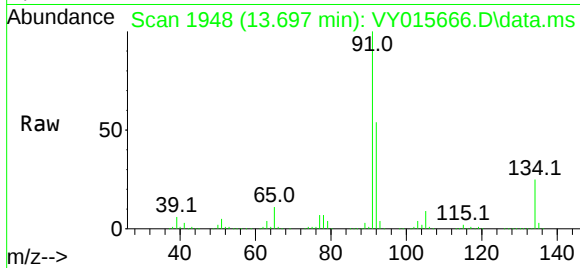
Tgt Ion:146 Resp: 218125
Ion Ratio Lower Upper
146 100
111 38.6 18.9 56.7
148 63.3 32.1 96.5





#89
n-Butylbenzene
Concen: 54.263 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. 0.001 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

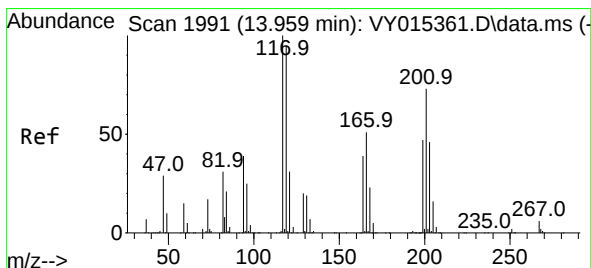
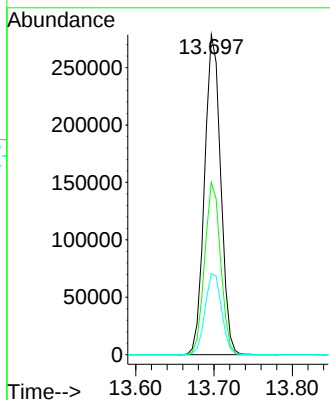
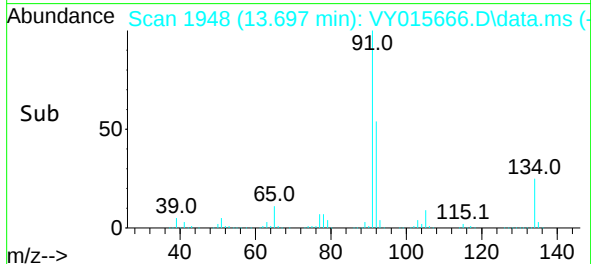
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 397790
Ion Ratio Lower Upper
91 100
92 53.1 25.4 76.0
134 26.0 12.6 37.6

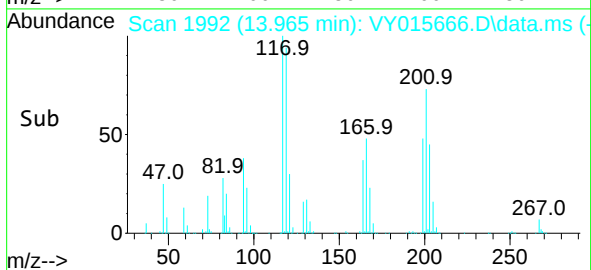
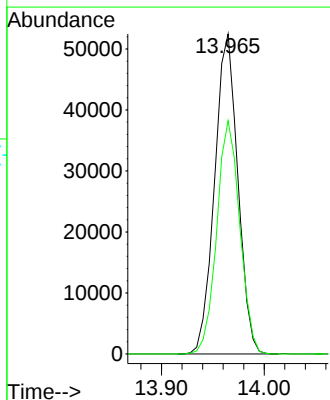
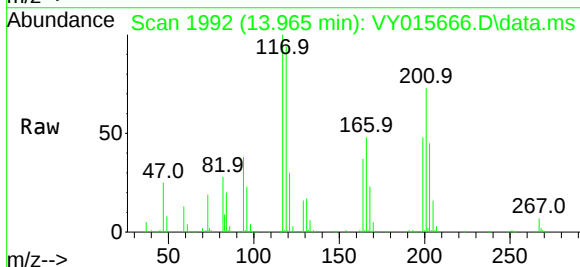
Manual Integrations
APPROVED

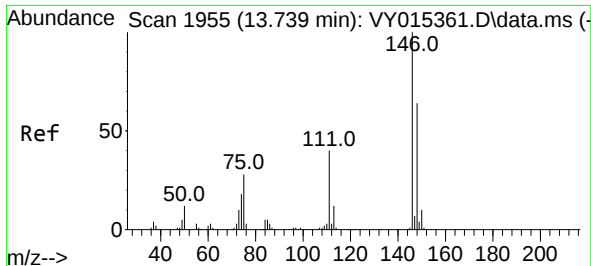
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#90
Hexachloroethane
Concen: 54.968 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

Tgt Ion:117 Resp: 82130
Ion Ratio Lower Upper
117 100
201 72.3 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 53.679 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY015666.D

Acq: 21 Sep 2023 09:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

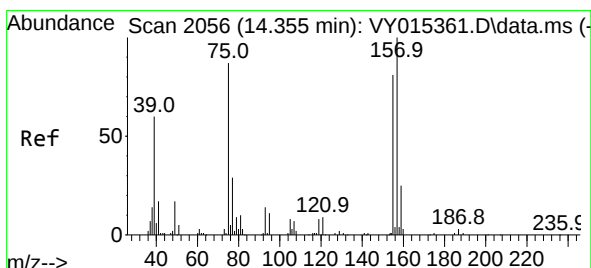
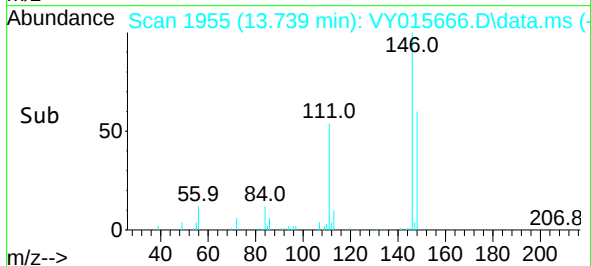
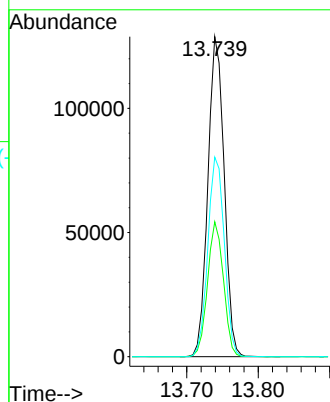
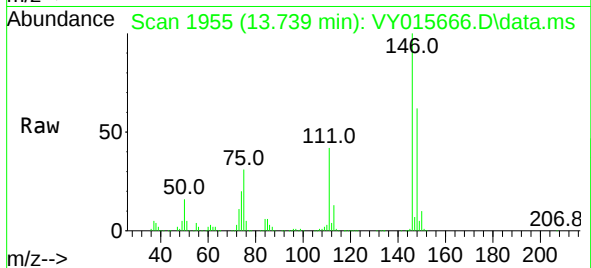
Tgt Ion:	146	Resp:	203814
Ion Ratio	Lower	Upper	
146	100		
111	41.2	19.7	59.0
148	63.2	32.0	96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.058 ug/l

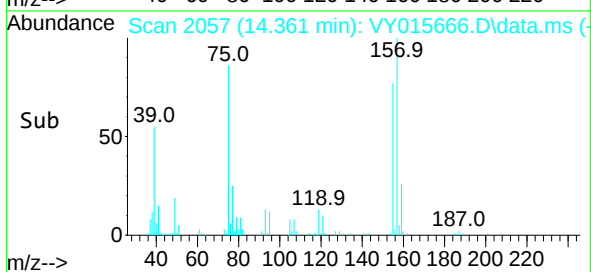
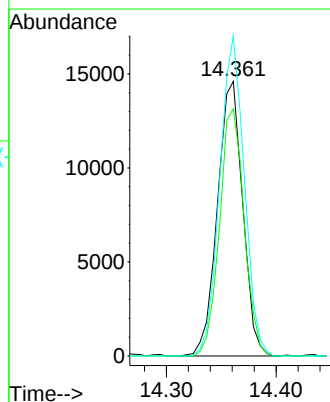
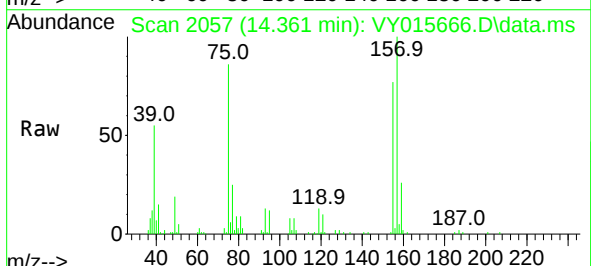
RT: 14.361 min Scan# 2057

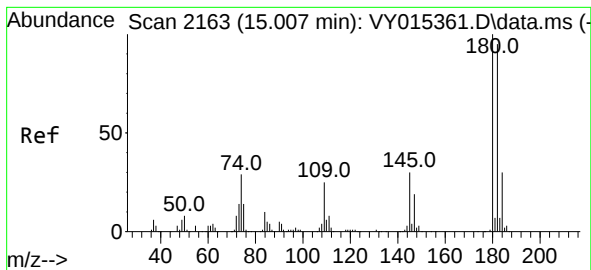
Delta R.T. 0.006 min

Lab File: VY015666.D

Acq: 21 Sep 2023 09:32

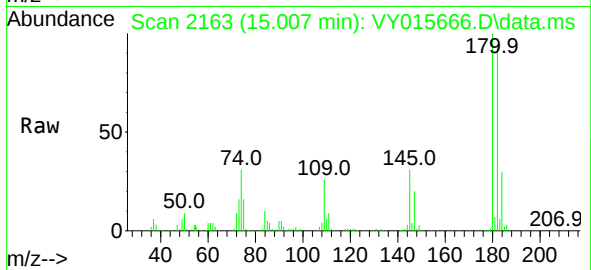
Tgt Ion:	75	Resp:	23370
Ion Ratio	Lower	Upper	
75	100		
155	87.5	41.5	124.6
157	112.8	51.8	155.5





#93
1,2,4-Trichlorobenzene
Concen: 51.322 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.006 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

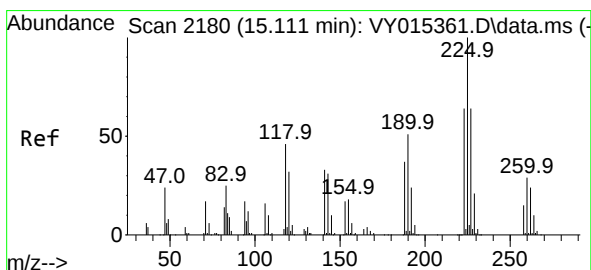
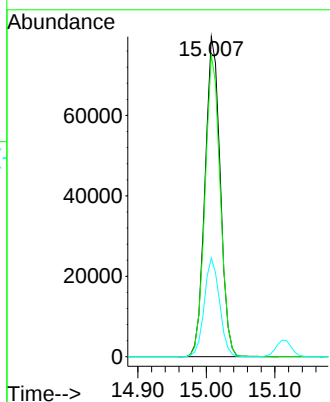
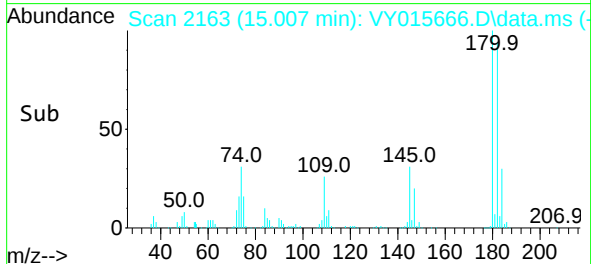
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



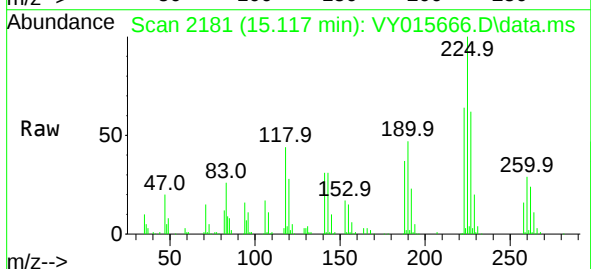
Tgt Ion:180 Resp: 122679
Ion Ratio Lower Upper
180 100
182 94.3 47.0 141.2
145 30.9 14.5 43.5

Manual Integrations
APPROVED

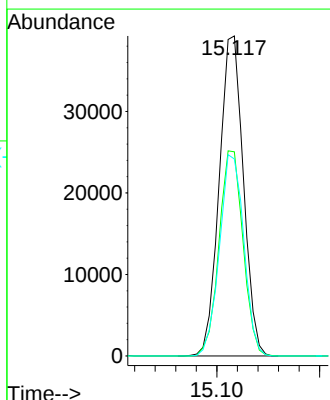
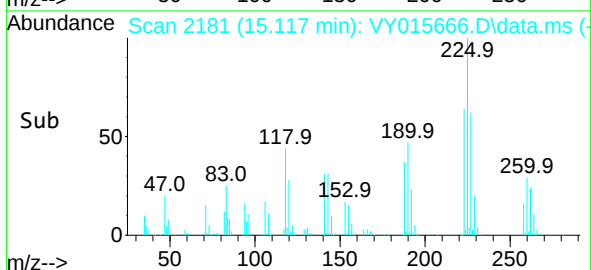
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023

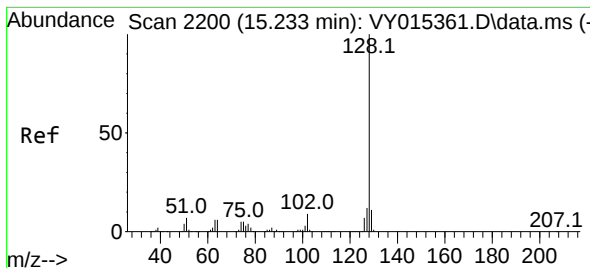


#94
Hexachlorobutadiene
Concen: 52.185 ug/l
RT: 15.117 min Scan# 2181
Delta R.T. 0.006 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32



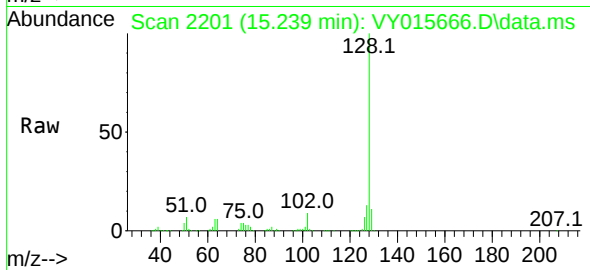
Tgt Ion:225 Resp: 63879
Ion Ratio Lower Upper
225 100
223 63.9 31.9 95.9
227 63.3 33.0 98.9





#95
Naphthalene
Concen: 51.558 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

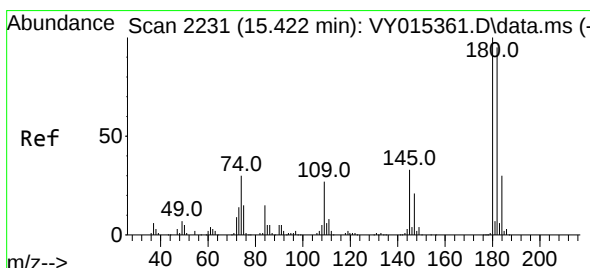
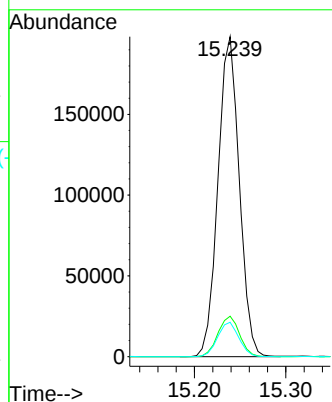
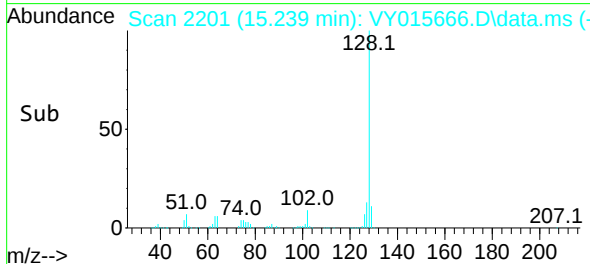
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 32135
Ion Ratio Lower Upper
128 100
127 12.9 10.8 16.2
129 10.8 8.6 13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 51.260 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.006 min
Lab File: VY015666.D
Acq: 21 Sep 2023 09:32

Tgt Ion:180 Resp: 113091
Ion Ratio Lower Upper
180 100
182 94.5 47.3 141.8
145 31.9 15.4 46.2

