

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041423\
 Data File : VY013328.D
 Acq On : 14 Apr 2023 18:51
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/17/2023
 Supervised By : Mahesh Dadoda 04/17/2023

Quant Time: Apr 17 02:16:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 05:55:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	280773	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	426449	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	379110	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	186247	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	154641	45.830	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.660%		
35) Dibromofluoromethane	7.710	113	134847	48.843	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.680%		
50) Toluene-d8	10.173	98	489501	47.635	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	95.260%		
62) 4-Bromofluorobenzene	12.477	95	165055	49.434	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	98.860%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	120442	47.662	ug/l	100
3) Chloromethane	2.101	50	127555	40.291	ug/l	97
4) Vinyl Chloride	2.241	62	129751	43.228	ug/l	94
5) Bromomethane	2.644	94	88861	38.606	ug/l	94
6) Chloroethane	2.784	64	77869	38.468	ug/l	97
7) Trichlorofluoromethane	3.113	101	212606	45.509	ug/l	98
8) Diethyl Ether	3.522	74	79674	46.941	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.887	101	125168	45.594	ug/l	93
10) Methyl Iodide	4.076	142	169730	50.403	ug/l	96
11) Tert butyl alcohol	4.972	59	76474	176.419	ug/l	98
12) 1,1-Dichloroethene	3.863	96	123512	46.749	ug/l	94
13) Acrolein	3.723	56	74827	180.521	ug/l	97
14) Allyl chloride	4.466	41	189444	37.536	ug/l	89
15) Acrylonitrile	5.155	53	211646	216.995	ug/l	99
16) Acetone	3.942	43	183723	158.360	ug/l	99
17) Carbon Disulfide	4.180	76	373774	42.971	ug/l	99
18) Methyl Acetate	4.466	43	152713	40.699	ug/l	91
19) Methyl tert-butyl Ether	5.210	73	384479	48.580	ug/l	99
20) Methylene Chloride	4.704	84	150877	49.166	ug/l	91
21) trans-1,2-Dichloroethene	5.210	96	139382	46.214	ug/l	93
22) Diisopropyl ether	6.106	45	379782	38.183	ug/l #	87
23) Vinyl Acetate	6.052	43	1261147	200.571	ug/l	97
24) 1,1-Dichloroethane	6.003	63	235372	42.363	ug/l	100
25) 2-Butanone	6.978	43	268712	180.894	ug/l	95
26) 2,2-Dichloropropane	6.972	77	209400	42.008	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	156538	47.732	ug/l	94
28) Bromochloromethane	7.326	49	85794	38.745	ug/l #	75
29) Tetrahydrofuran	7.344	42	191178	211.900	ug/l	90
30) Chloroform	7.496	83	260208	46.280	ug/l	97
31) Cyclohexane	7.777	56	192498	37.730	ug/l	86
32) 1,1,1-Trichloroethane	7.698	97	240929	47.367	ug/l	98
36) 1,1-Dichloropropene	7.911	75	184098	44.017	ug/l	97
37) Ethyl Acetate	7.064	43	142432	42.247	ug/l	98
38) Carbon Tetrachloride	7.893	117	230419	49.823	ug/l	99
39) Methylcyclohexane	9.179	83	237979	48.945	ug/l	98
40) Benzene	8.155	78	538307	44.470	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	64174	45.881	ug/l #	100
42) 1,2-Dichloroethane	8.228	62	195920	47.736	ug/l	97
43) Isopropyl Acetate	8.265	43	233664	41.727	ug/l	97
44) Trichloroethene	8.935	130	163292	52.365	ug/l	100
45) 1,2-Dichloropropane	9.210	63	153940	48.996	ug/l	98
46) Dibromomethane	9.295	93	98670	52.180	ug/l	97
47) Bromodichloromethane	9.490	83	216962	50.190	ug/l #	97
48) Methyl methacrylate	9.289	41	122311	47.551	ug/l	94
49) 1,4-Dioxane	9.307	88	31198	1217.722	ug/l #	91
51) 4-Methyl-2-Pentanone	10.063	43	652541	214.116	ug/l	97
52) Toluene	10.240	92	348130	47.627	ug/l	100
53) t-1,3-Dichloropropene	10.459	75	217914	48.136	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	230313	46.397	ug/l	99
55) 1,1,2-Trichloroethane	10.636	97	125696	50.414	ug/l	97
56) Ethyl methacrylate	10.502	69	174203	51.028	ug/l	96
57) 1,3-Dichloropropane	10.782	76	200938	47.385	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	323332	226.829	ug/l	94
59) 2-Hexanone	10.825	43	472336	213.152	ug/l	97
60) Dibromochloromethane	10.977	129	166129	53.140	ug/l	99
61) 1,2-Dibromoethane	11.081	107	128016	52.728	ug/l	100
64) Tetrachloroethene	10.715	164	148180	55.403	ug/l	97
65) Chlorobenzene	11.514	112	390948	49.296	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.581	131	156167	52.473	ug/l	98
67) Ethyl Benzene	11.587	91	667013	48.291	ug/l	98
68) m/p-Xylenes	11.697	106	531079	100.491	ug/l	99
69) o-Xylene	12.026	106	259929	53.106	ug/l	98
70) Styrene	12.038	104	446216	53.977	ug/l	99
71) Bromoform	12.203	173	108996	52.865	ug/l #	98
73) Isopropylbenzene	12.325	105	637750	49.921	ug/l	100
74) N-amyl acetate	12.136	43	235741	51.723	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.575	83	163741	51.883	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	126495m	54.505	ug/l	
77) Bromobenzene	12.605	156	163160	51.072	ug/l	98
78) n-propylbenzene	12.666	91	779472	49.403	ug/l	99
79) 2-Chlorotoluene	12.752	91	441503	49.711	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	543944	50.832	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	56573	50.594	ug/l	97
82) 4-Chlorotoluene	12.849	91	454191	48.509	ug/l	100
83) tert-Butylbenzene	13.069	119	467568	50.922	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	537117	51.574	ug/l	100
85) sec-Butylbenzene	13.245	105	688648	50.152	ug/l	100
86) p-Isopropyltoluene	13.361	119	582336	51.683	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	309179	50.205	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	313366	50.354	ug/l	99
89) n-Butylbenzene	13.690	91	536128	49.749	ug/l	98
90) Hexachloroethane	13.959	117	115653	49.228	ug/l	96
91) 1,2-Dichlorobenzene	13.733	146	288147	51.420	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.349	75	32726	57.102	ug/l	98
93) 1,2,4-Trichlorobenzene	15.001	180	191615	57.532	ug/l	98
94) Hexachlorobutadiene	15.105	225	111337	56.453	ug/l	99
95) Naphthalene	15.233	128	455586	55.414	ug/l	100
96) 1,2,3-Trichlorobenzene	15.416	180	178686	58.888	ug/l	99

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QLast Update : Thu Apr 13 05:55:16 2023
Response via : Initial Calibration

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

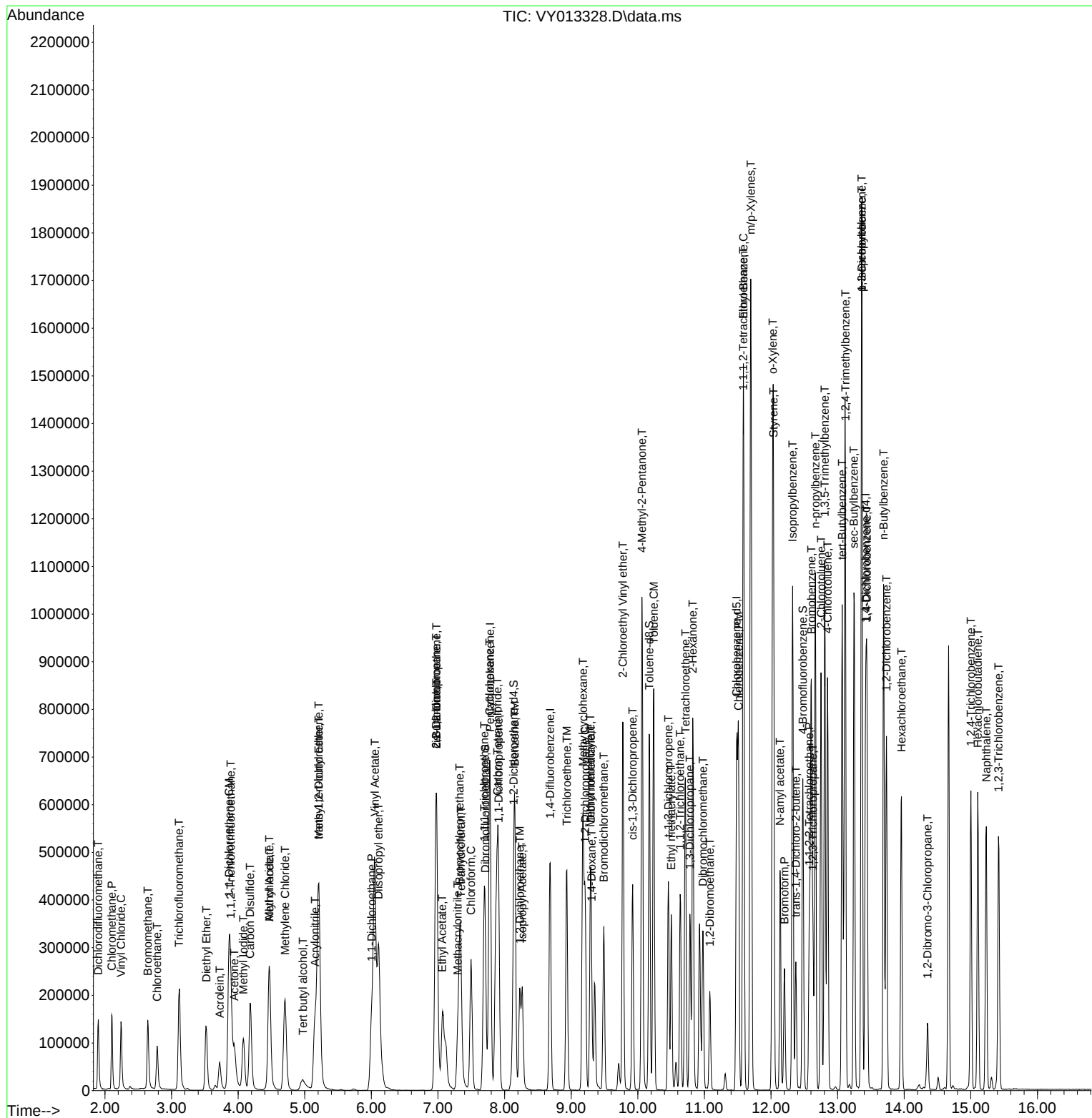
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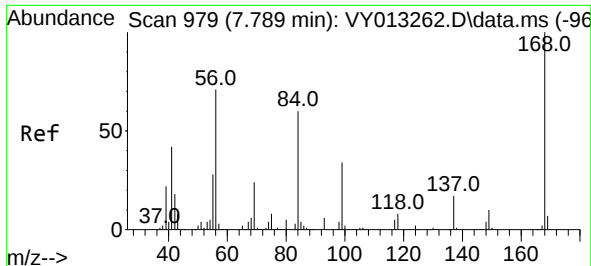
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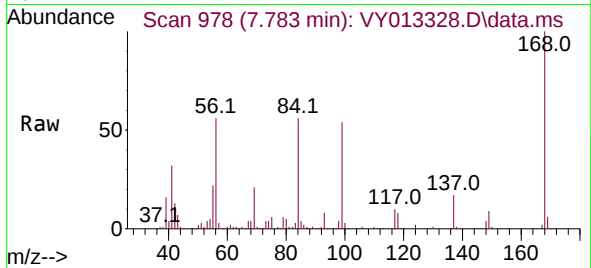
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013328.D
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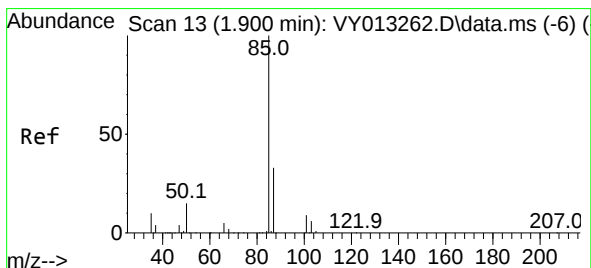
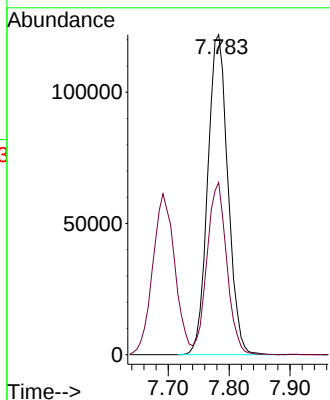
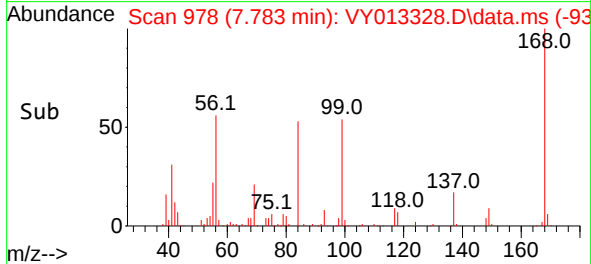
Instrument :
MSVOA_Y
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VSTDCCC050EC



Tgt Ion:168 Resp: 28077
Ion Ratio Lower Upper
168 100
99 53.8 41.7 62.5

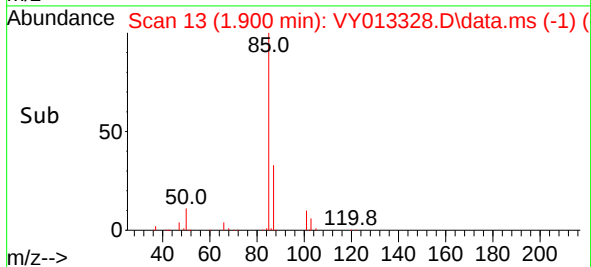
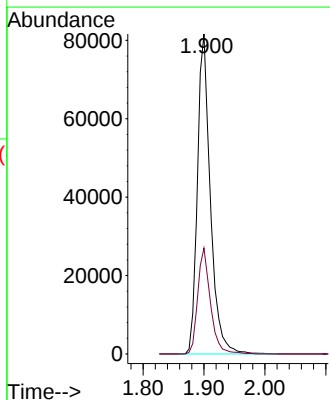
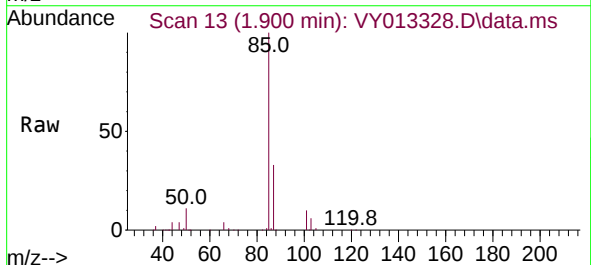
Manual Integrations
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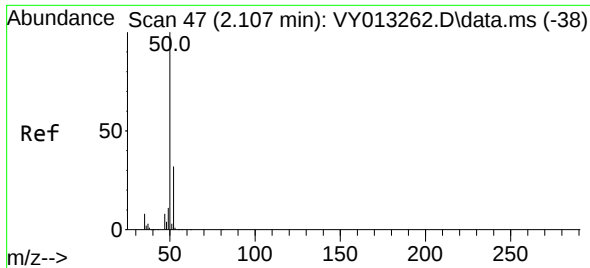
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#2
Dichlorodifluoromethane
Concen: 47.662 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY013328.D
Acq: 14 Apr 2023 18:51

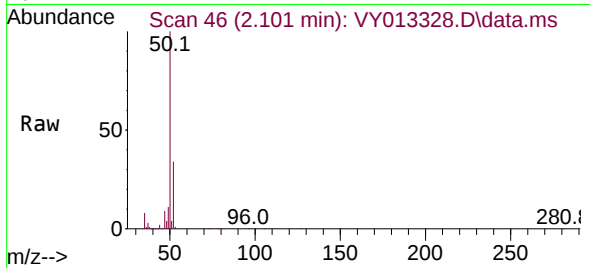
Tgt Ion: 85 Resp: 120442
Ion Ratio Lower Upper
85 100
87 33.1 16.7 50.0





#3
Chloromethane
Concen: 40.291 ug/l
RT: 2.101 min Scan# 40
Delta R.T. -0.006 min
Lab File: VY013328.D
Acq: 14 Apr 2023 18:51

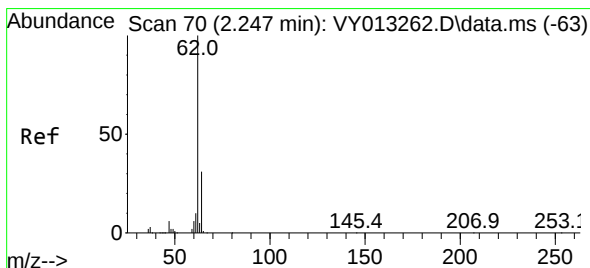
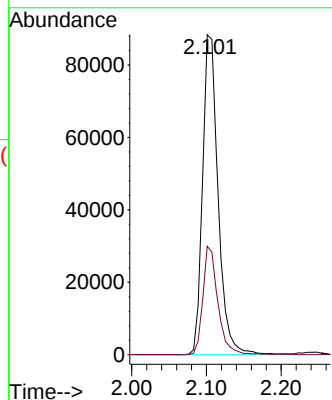
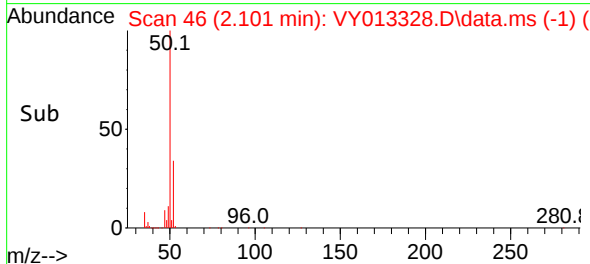
Instrument :
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VSTDCCC050EC



Tgt Ion: 50 Resp: 12755
Ion Ratio Lower Upper
50 100
52 33.9 26.0 39.0

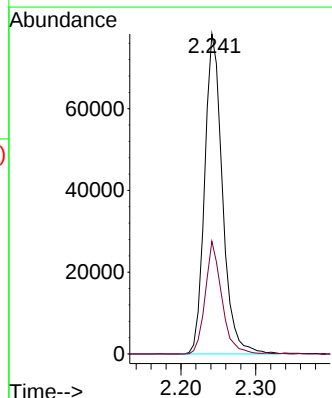
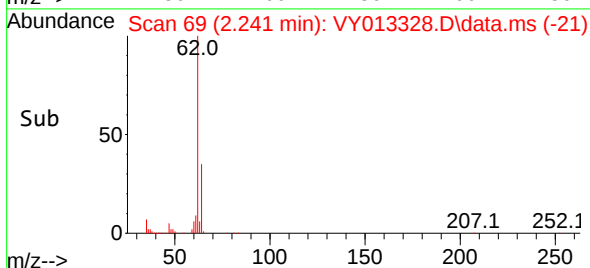
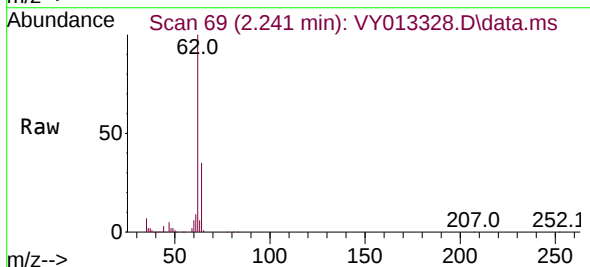
Manual Integrations
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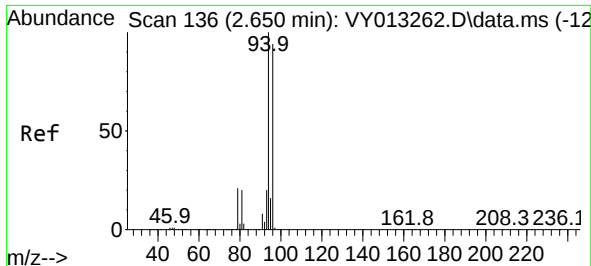
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#4
Vinyl Chloride
Concen: 43.228 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.006 min
Lab File: VY013328.D
Acq: 14 Apr 2023 18:51

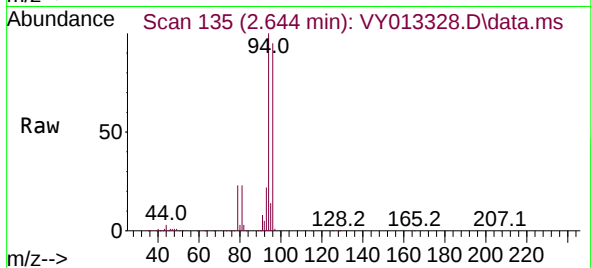
Tgt Ion: 62 Resp: 129751
Ion Ratio Lower Upper
62 100
64 35.2 25.6 38.4





#5
Bromomethane
Concen: 38.606 ug/l
RT: 2.644 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013328.D
Acq: 14 Apr 2023 18:51

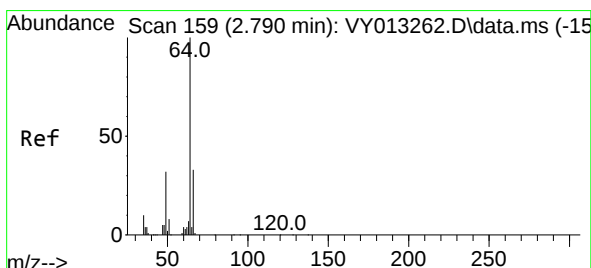
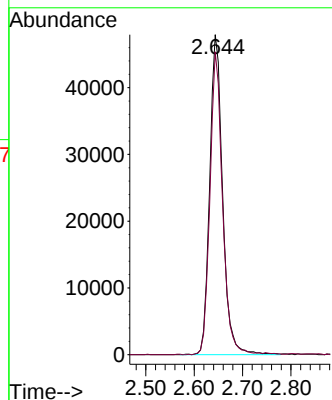
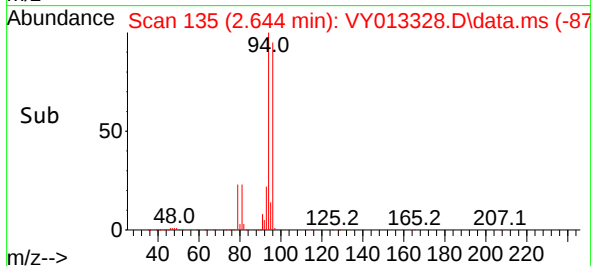
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Tgt Ion: 94 Resp: 8886
Ion Ratio Lower Upper
94 100
96 94.5 80.3 120.5

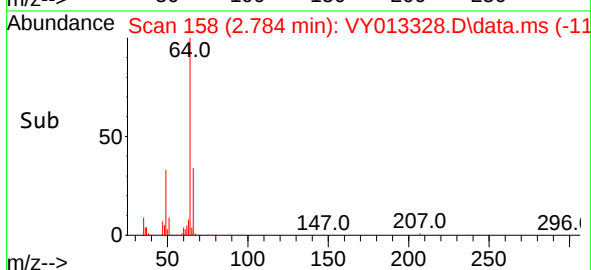
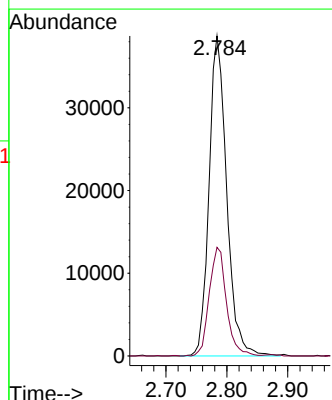
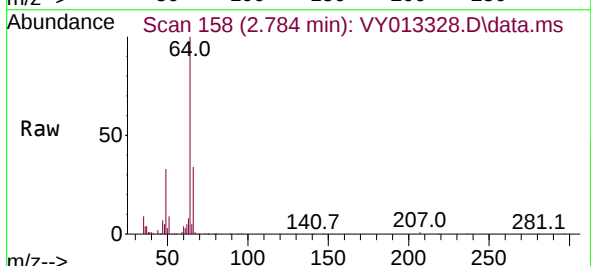
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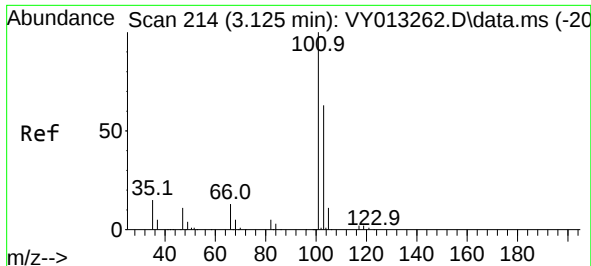
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#6
Chloroethane
Concen: 38.468 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.006 min
Lab File: VY013328.D
Acq: 14 Apr 2023 18:51

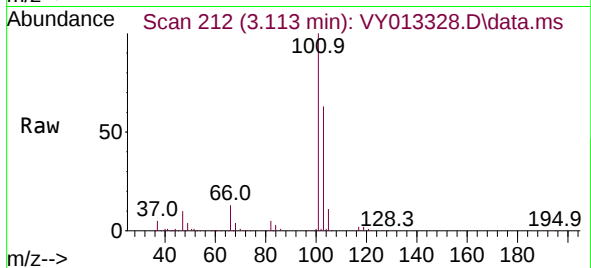
Tgt Ion: 64 Resp: 77869
Ion Ratio Lower Upper
64 100
66 33.9 25.7 38.5





#7
Trichlorofluoromethane
Concen: 45.509 ug/l
RT: 3.113 min Scan# 214
Delta R.T. -0.012 min
Lab File: VY013328.D
Acq: 14 Apr 2023 18:51

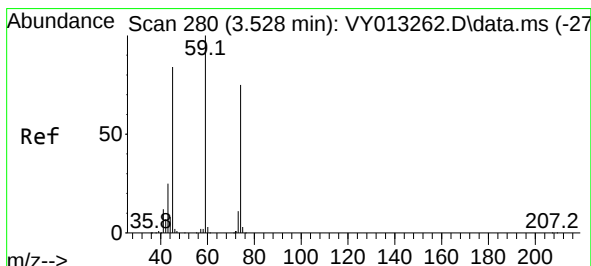
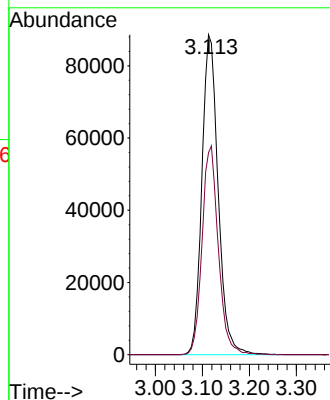
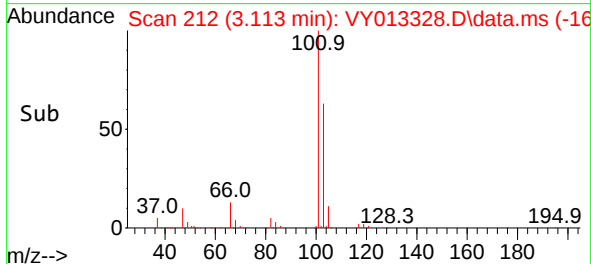
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Tgt Ion:101 Resp: 212600
Ion Ratio Lower Upper
101 100
103 63.1 51.5 77.3

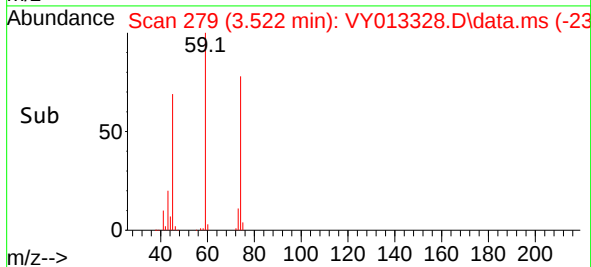
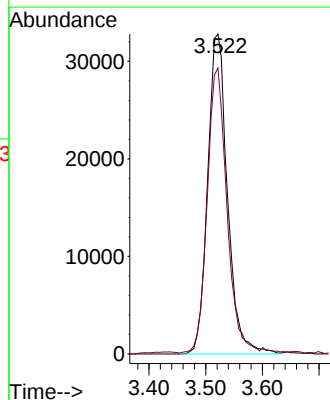
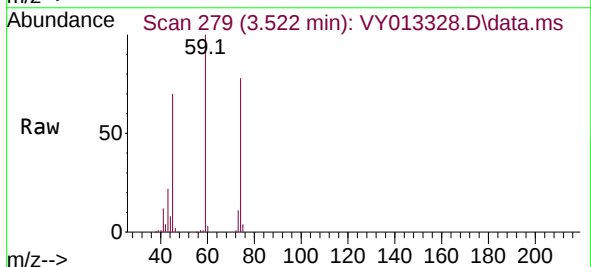
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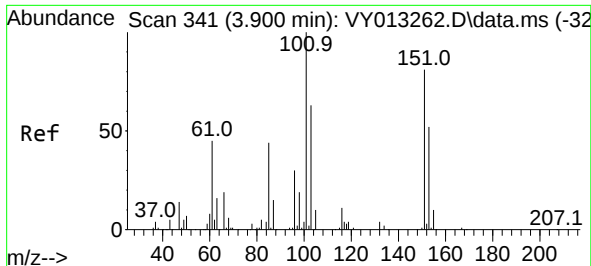
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#8
Diethyl Ether
Concen: 46.941 ug/l
RT: 3.522 min Scan# 279
Delta R.T. -0.006 min
Lab File: VY013328.D
Acq: 14 Apr 2023 18:51

Tgt Ion: 74 Resp: 79674
Ion Ratio Lower Upper
74 100
45 89.0 52.1 156.4





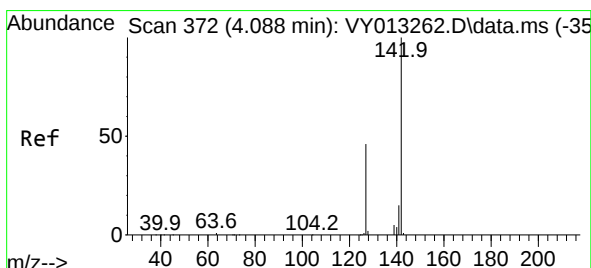
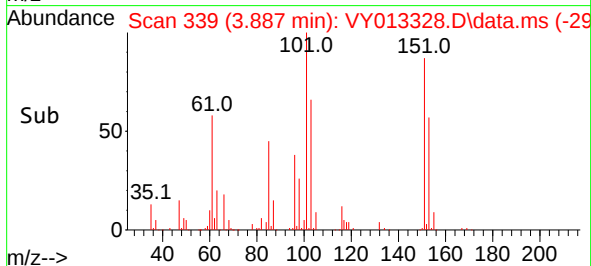
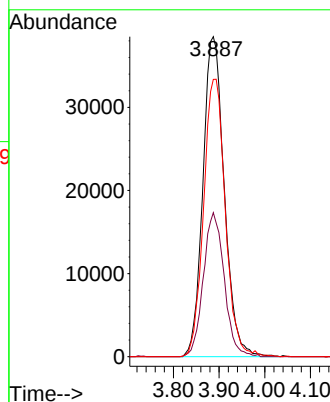
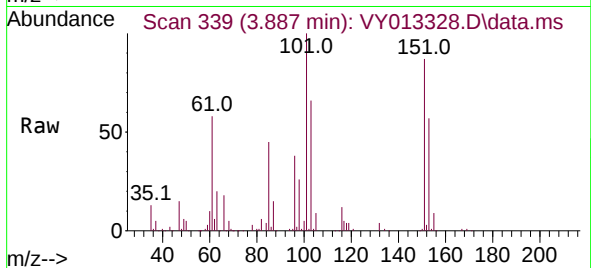
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.594 ug/l
RT: 3.887 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY013328.D
Acq: 14 Apr 2023 18:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 125168
Ion Ratio Lower Upper
101 100
85 44.0 35.3 52.9
151 88.3 63.1 94.7

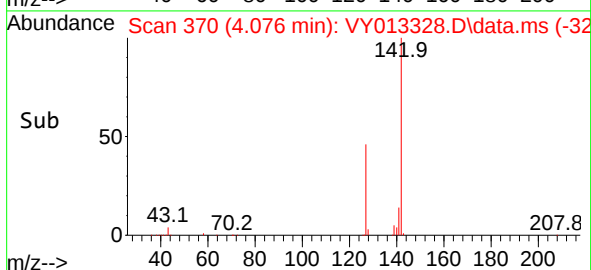
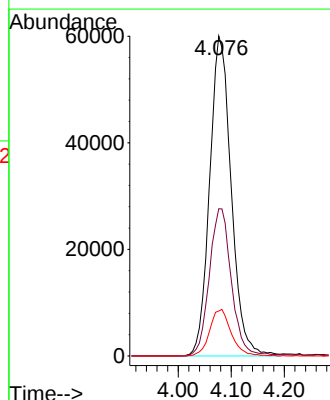
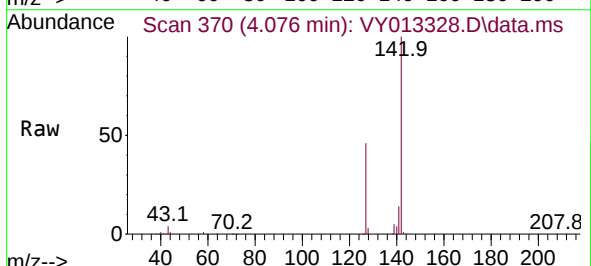
Manual Integrations
APPROVED

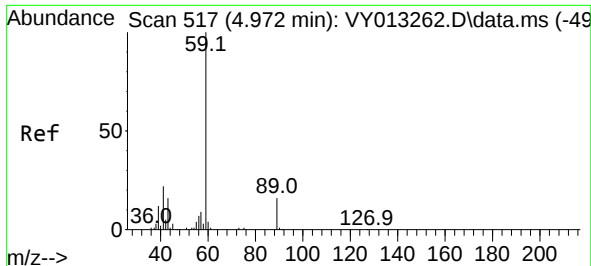
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#10
Methyl Iodide
Concen: 50.403 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.012 min
Lab File: VY013328.D
Acq: 14 Apr 2023 18:51

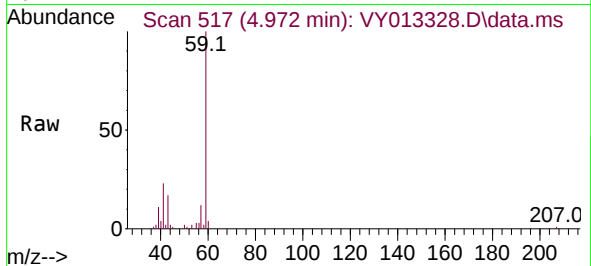
Tgt Ion:142 Resp: 169730
Ion Ratio Lower Upper
142 100
127 47.3 35.4 53.2
141 14.5 11.3 16.9





#11
Tert butyl alcohol
Concen: 176.419 ug/l
RT: 4.972 min Scan# 517
Delta R.T. 0.000 min
Lab File: VY013328.D
Acq: 14 Apr 2023 18:51

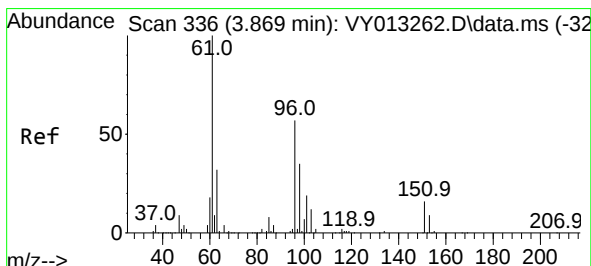
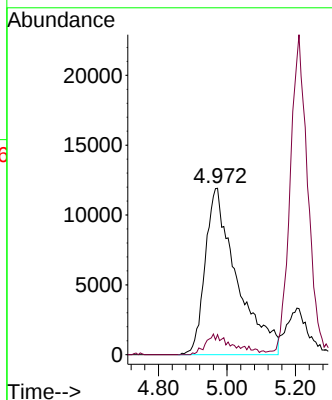
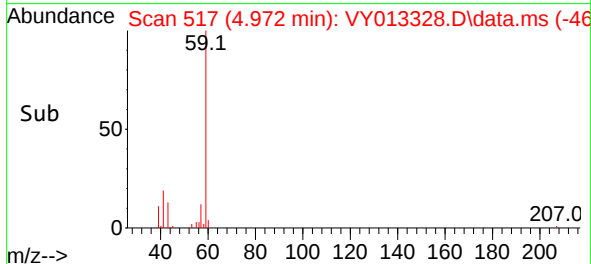
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



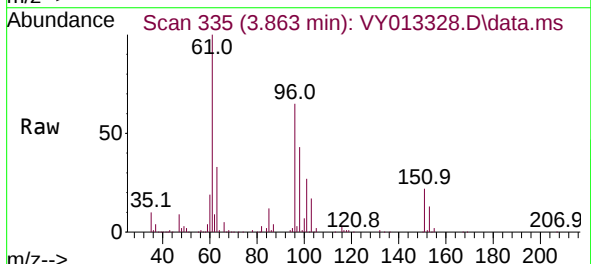
Tgt Ion: 59 Resp: 76474
Ion Ratio Lower Upper
59 100
57 8.7 7.7 11.5

Manual Integrations
APPROVED

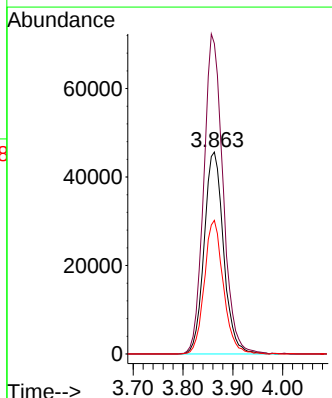
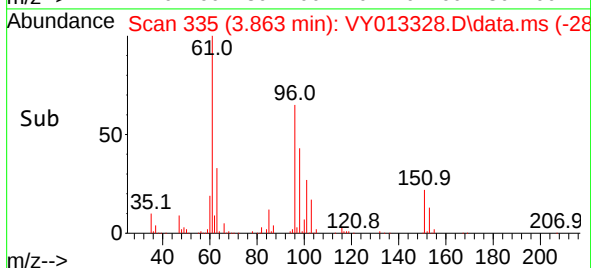
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023

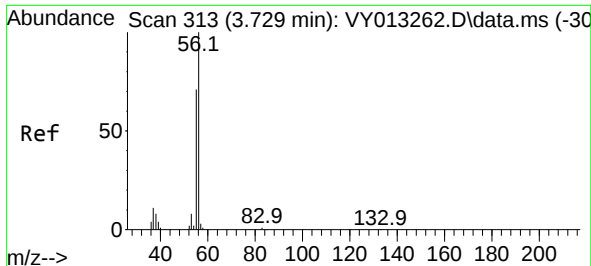


#12
1,1-Dichloroethene
Concen: 46.749 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.006 min
Lab File: VY013328.D
Acq: 14 Apr 2023 18:51



Tgt Ion: 96 Resp: 123512
Ion Ratio Lower Upper
96 100
61 153.7 131.7 197.5
98 66.1 52.0 78.0





#13

Acrolein

Concen: 180.521 ug/l

RT: 3.723 min Scan# 31

Delta R.T. -0.006 min

Lab File: VY013328.D

Acq: 14 Apr 2023 18:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 7482

Ion Ratio Lower Upper

56 100

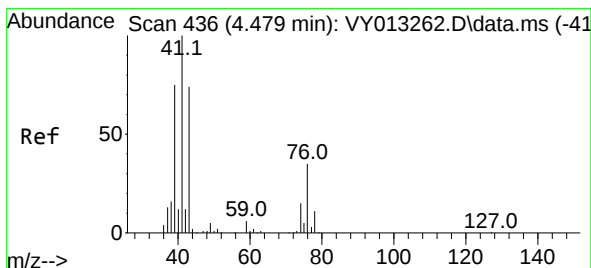
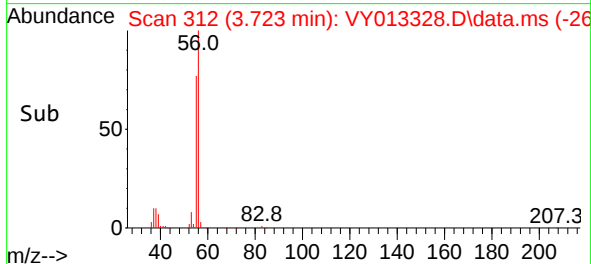
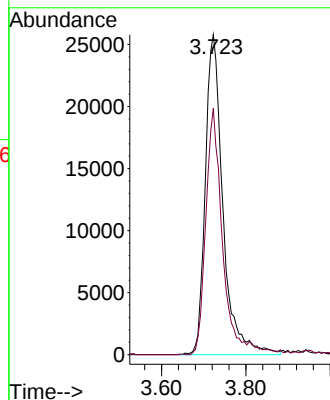
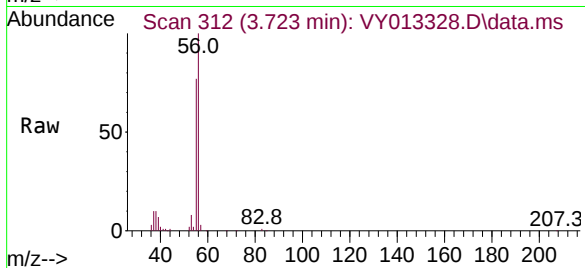
55 73.7 56.8 85.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2023

Supervised By :Mahesh Dadoda 04/17/2023



#14

Allyl chloride

Concen: 37.536 ug/l

RT: 4.466 min Scan# 434

Delta R.T. -0.012 min

Lab File: VY013328.D

Acq: 14 Apr 2023 18:51

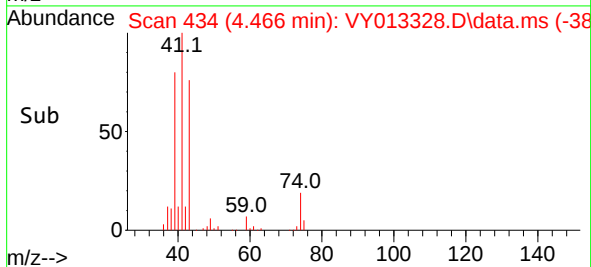
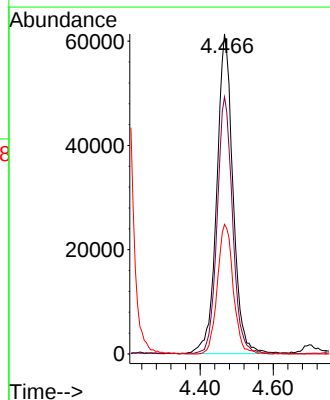
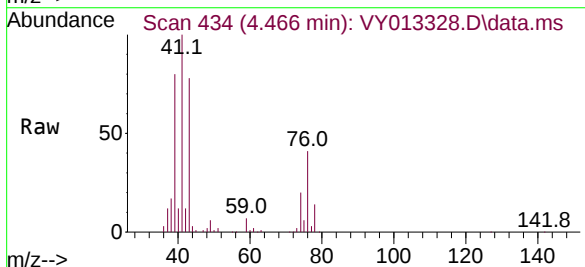
Tgt Ion: 41 Resp: 189444

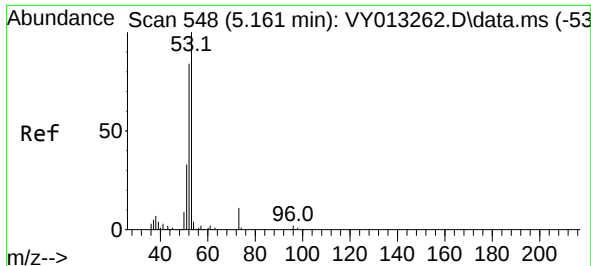
Ion Ratio Lower Upper

41 100

39 76.5 53.6 80.4

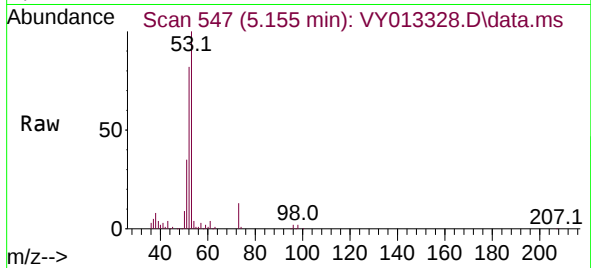
76 39.6 27.2 40.8





#15
Acrylonitrile
Concen: 216.995 ug/l
RT: 5.155 min Scan# 548
Delta R.T. -0.006 min
Lab File: VY013328.D
Acq: 14 Apr 2023 18:51

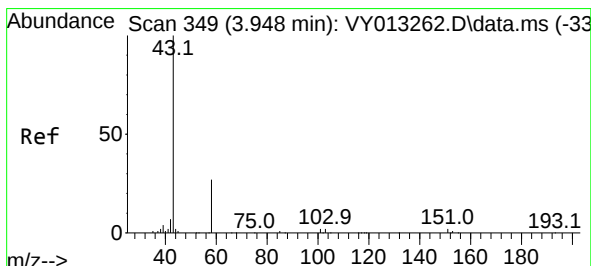
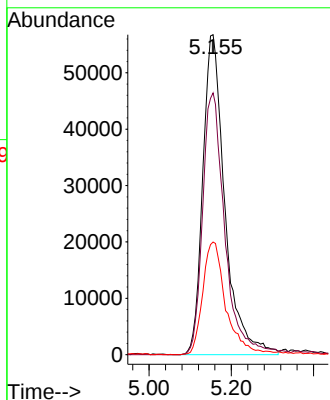
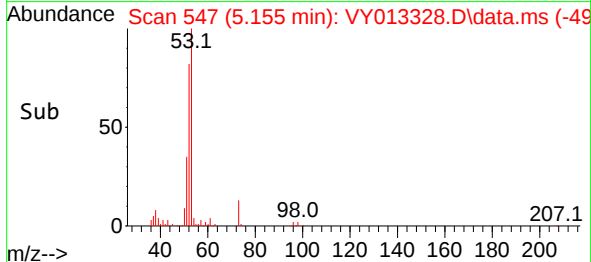
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 211640
Ion Ratio Lower Upper
53 100
52 82.7 66.3 99.5
51 37.5 28.8 43.2

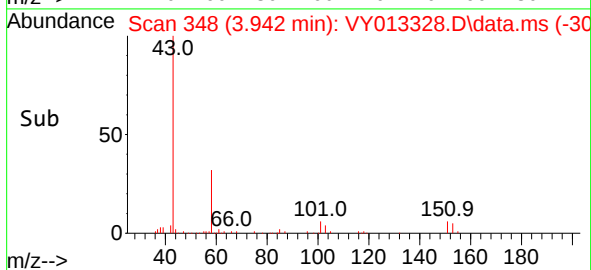
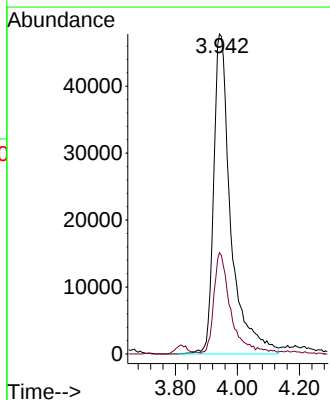
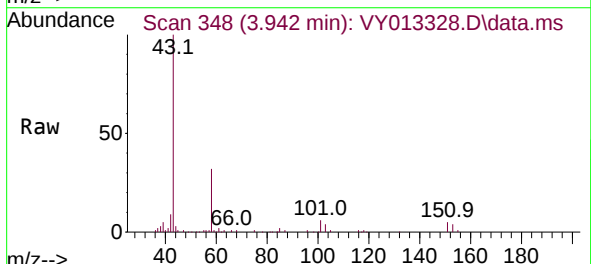
Manual Integrations
APPROVED

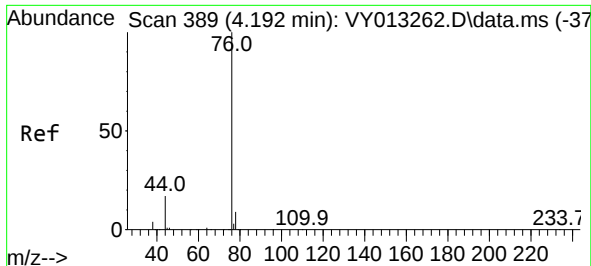
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#16
Acetone
Concen: 158.360 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY013328.D
Acq: 14 Apr 2023 18:51

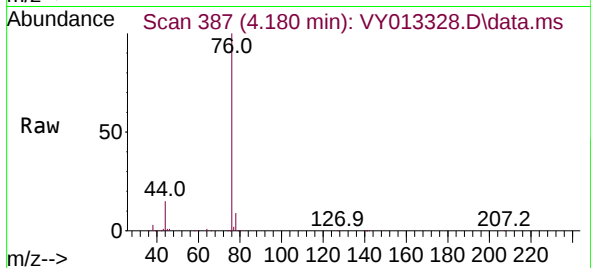
Tgt Ion: 43 Resp: 183723
Ion Ratio Lower Upper
43 100
58 31.0 24.2 36.2





#17
Carbon Disulfide
Concen: 42.971 ug/l
RT: 4.180 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY013328.D
Acq: 14 Apr 2023 18:51

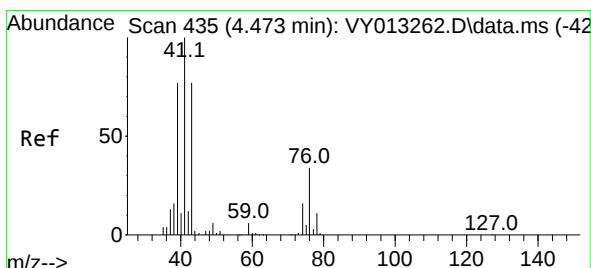
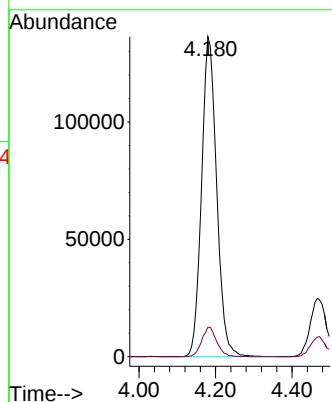
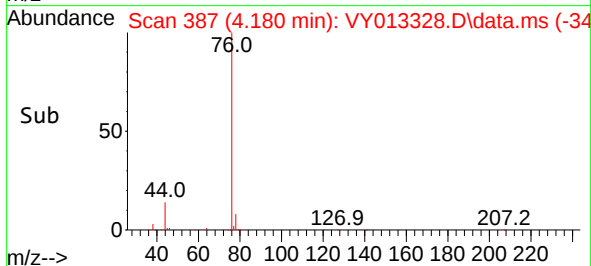
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 373774
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7

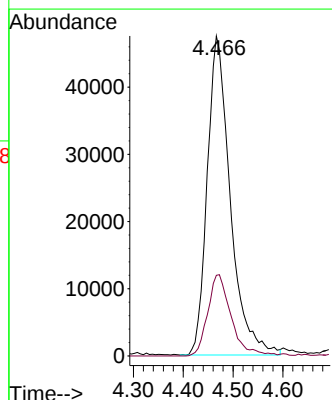
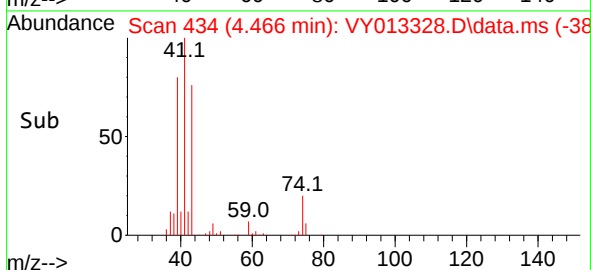
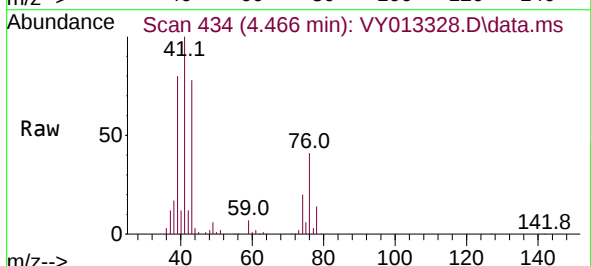
Manual Integrations
APPROVED

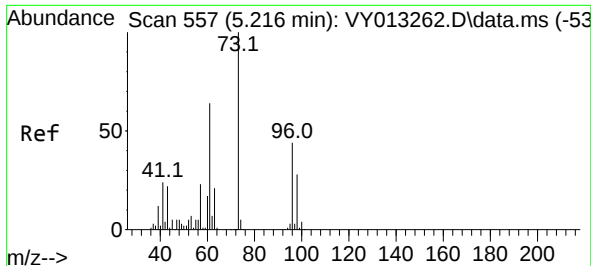
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#18
Methyl Acetate
Concen: 40.699 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY013328.D
Acq: 14 Apr 2023 18:51

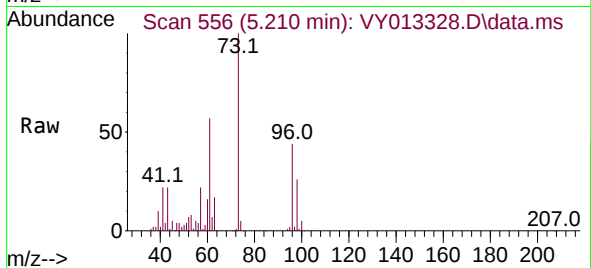
Tgt Ion: 43 Resp: 152713
Ion Ratio Lower Upper
43 100
74 25.7 17.4 26.0





#19
Methyl tert-butyl Ether
Concen: 48.580 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY013328.D
Acq: 14 Apr 2023 18:51

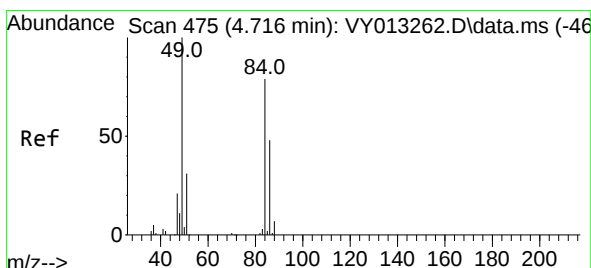
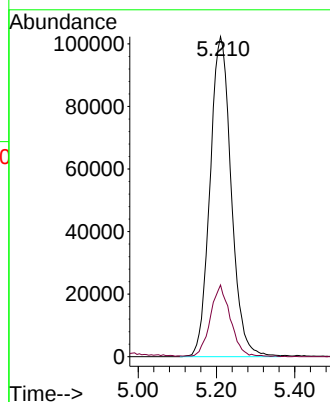
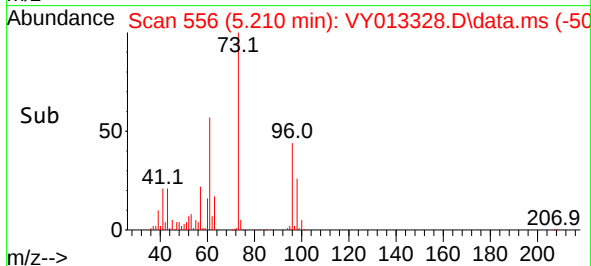
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 384479
Ion Ratio Lower Upper
73 100
57 22.3 18.3 27.5

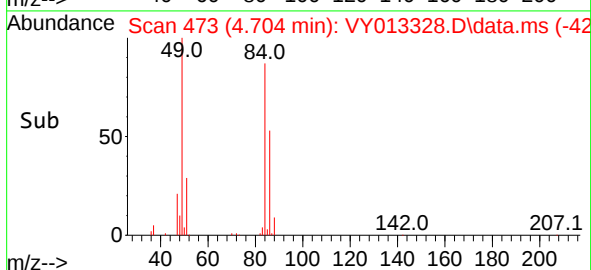
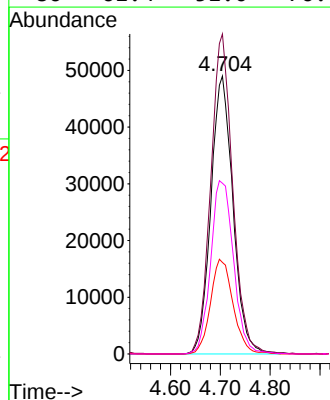
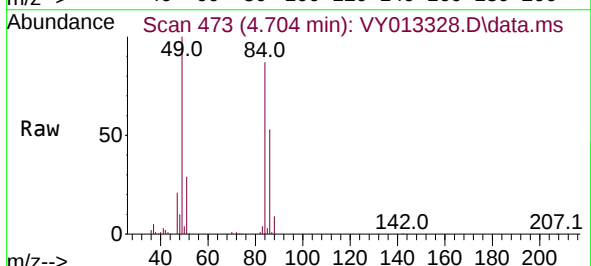
Manual Integrations
APPROVED

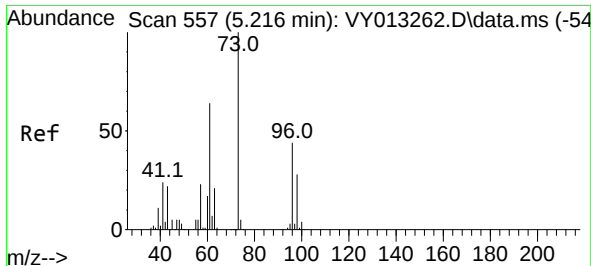
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#20
Methylene Chloride
Concen: 49.166 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY013328.D
Acq: 14 Apr 2023 18:51

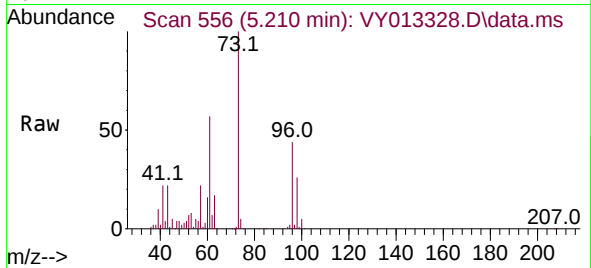
Tgt Ion: 84 Resp: 150877
Ion Ratio Lower Upper
84 100
49 115.1 102.6 154.0
51 32.9 31.9 47.9
86 61.4 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 46.214 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY013328.D
Acq: 14 Apr 2023 18:51

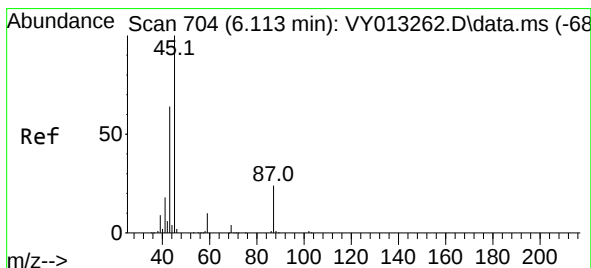
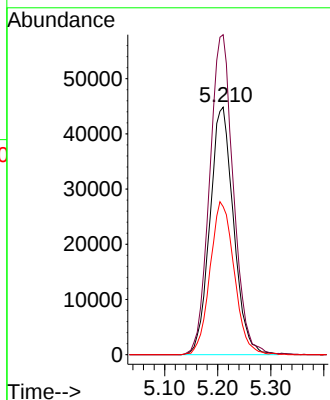
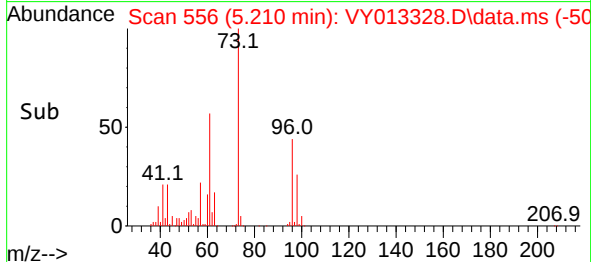
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 13938
Ion Ratio Lower Upper
96 100
61 129.3 111.4 167.0
98 59.8 50.8 76.2

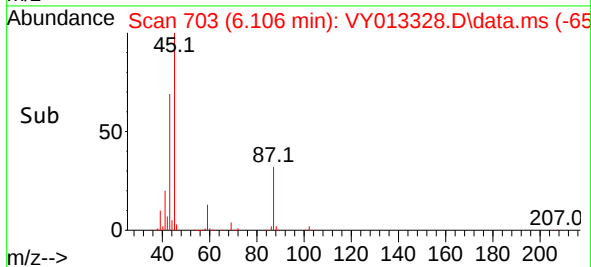
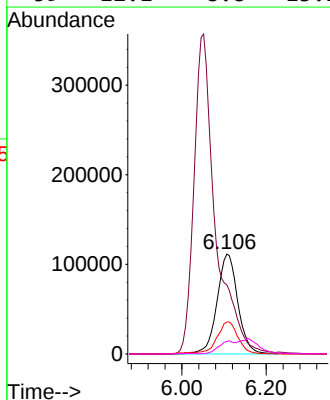
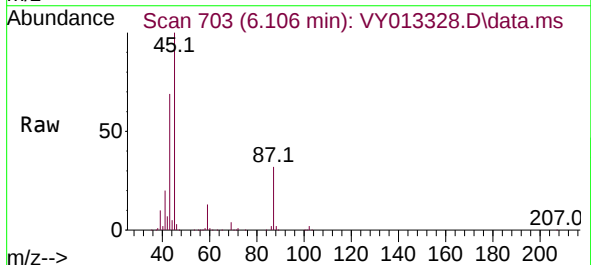
Manual Integrations
APPROVED

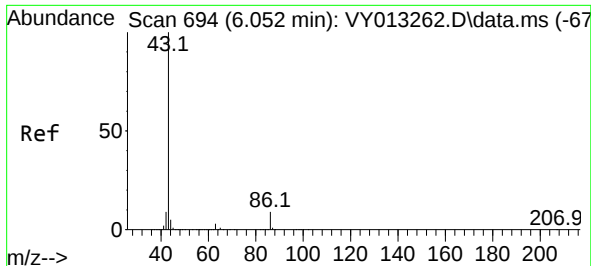
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#22
Diisopropyl ether
Concen: 38.183 ug/l
RT: 6.106 min Scan# 703
Delta R.T. -0.006 min
Lab File: VY013328.D
Acq: 14 Apr 2023 18:51

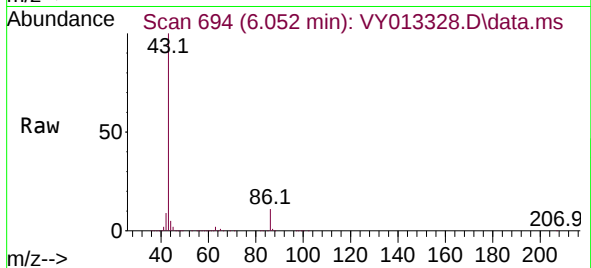
Tgt Ion: 45 Resp: 379782
Ion Ratio Lower Upper
45 100
43 67.7 45.0 67.6#
87 31.6 20.3 30.5#
59 12.1 8.8 13.2





#23
 Vinyl Acetate
 Concen: 200.571 ug/l
 RT: 6.052 min Scan# 694
 Delta R.T. -0.000 min
 Lab File: VY013328.D
 Acq: 14 Apr 2023 18:51

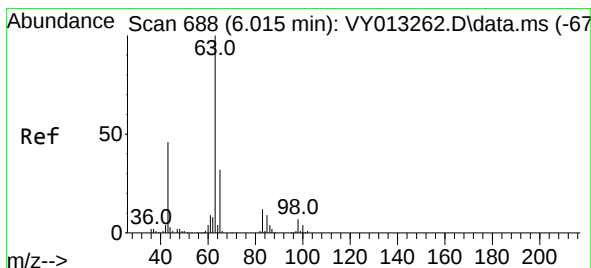
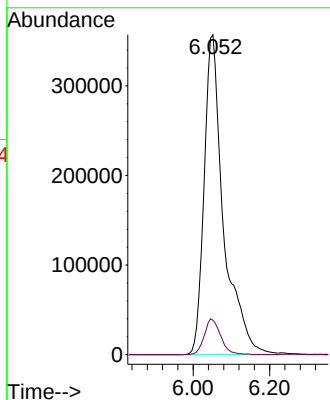
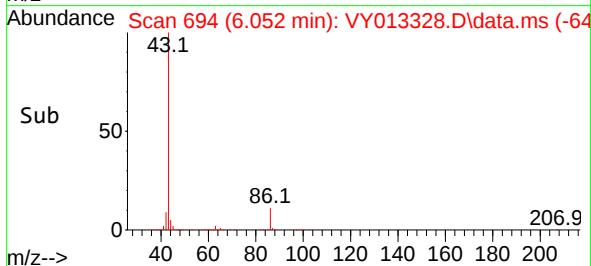
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



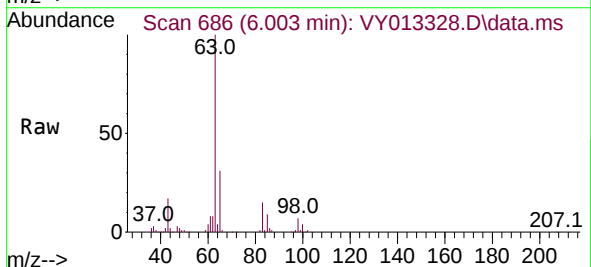
Tgt Ion: 43 Resp: 126114
 Ion Ratio Lower Upper
 43 100
 86 10.8 7.8 11.8

Manual Integrations
 APPROVED

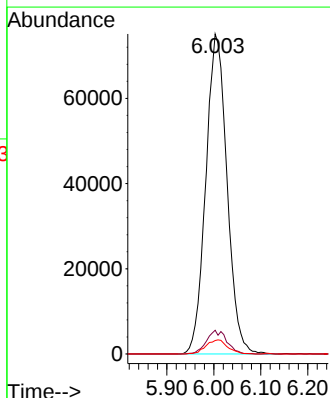
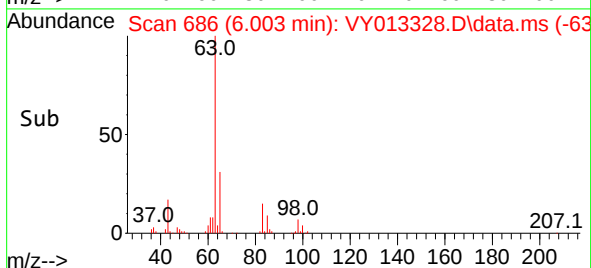
Reviewed By :John Carlone 04/17/2023
 Supervised By :Mahesh Dadoda 04/17/2023

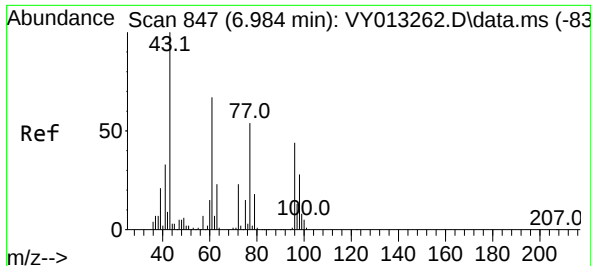


#24
 1,1-Dichloroethane
 Concen: 42.363 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. -0.012 min
 Lab File: VY013328.D
 Acq: 14 Apr 2023 18:51



Tgt Ion: 63 Resp: 235372
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.7 11.1
 100 4.2 2.3 6.8





#25

2-Butanone

Concen: 180.894 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY013328.D

Acq: 14 Apr 2023 18:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 26871

Ion Ratio Lower Upper

43 100

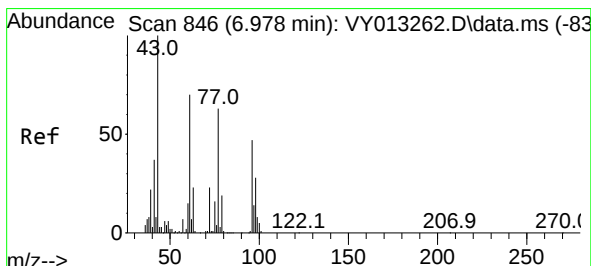
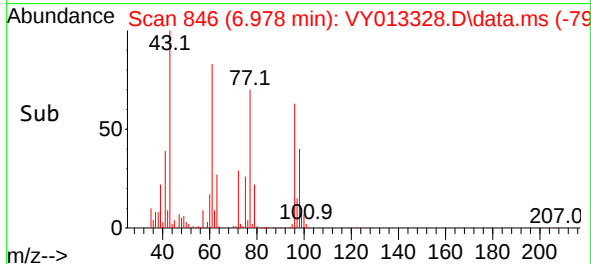
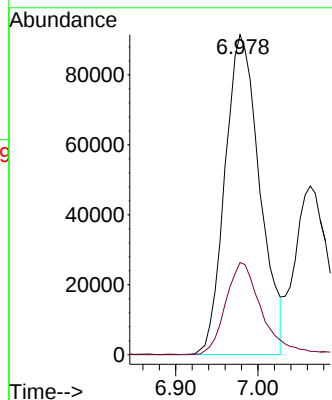
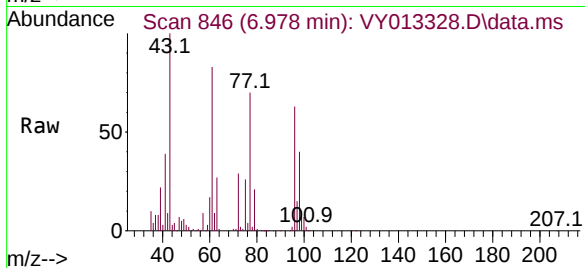
72 28.8 21.0 31.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2023

Supervised By :Mahesh Dadoda 04/17/2023



#26

2,2-Dichloropropane

Concen: 42.008 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY013328.D

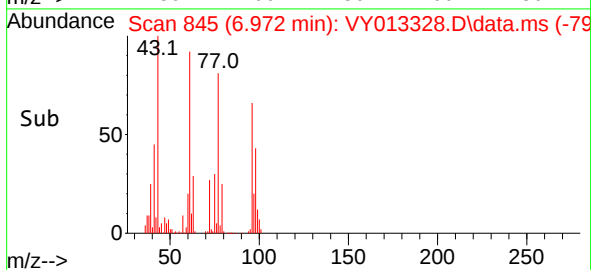
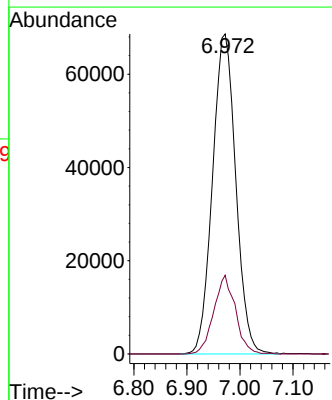
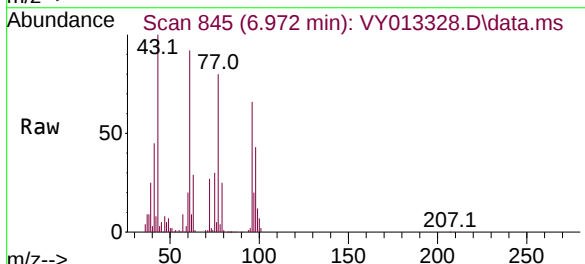
Acq: 14 Apr 2023 18:51

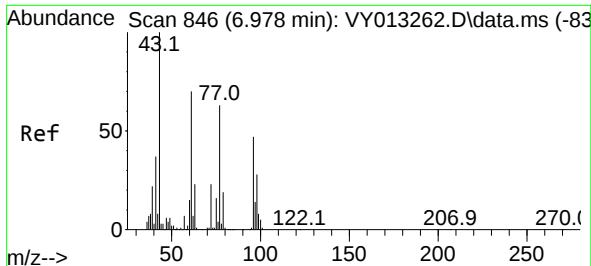
Tgt Ion: 77 Resp: 209400

Ion Ratio Lower Upper

77 100

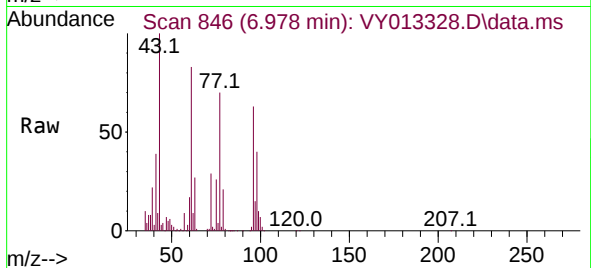
97 22.8 11.7 35.0





#27
 cis-1,2-Dichloroethene
 Concen: 47.732 ug/l
 RT: 6.978 min Scan# 846
 Delta R.T. -0.000 min
 Lab File: VY013328.D
 Acq: 14 Apr 2023 18:51

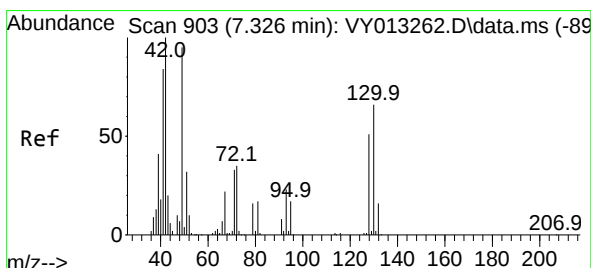
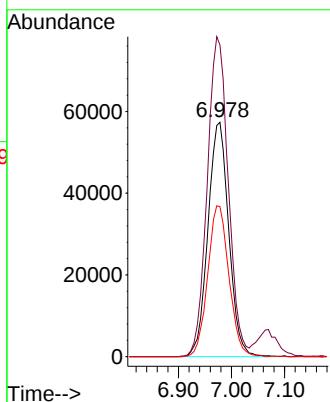
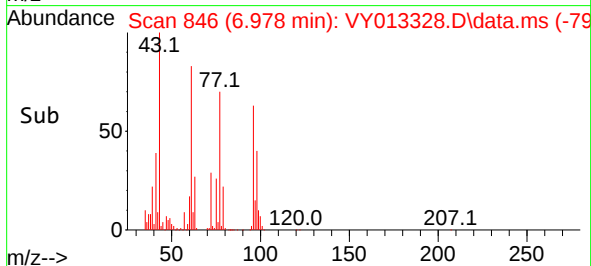
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 156538
 Ion Ratio Lower Upper
 96 100
 61 138.0 0.0 295.8
 98 65.6 0.0 130.2

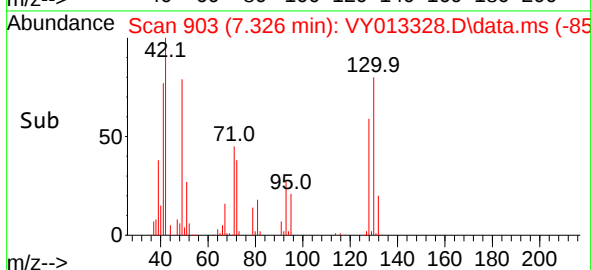
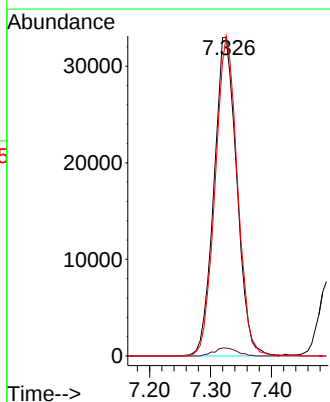
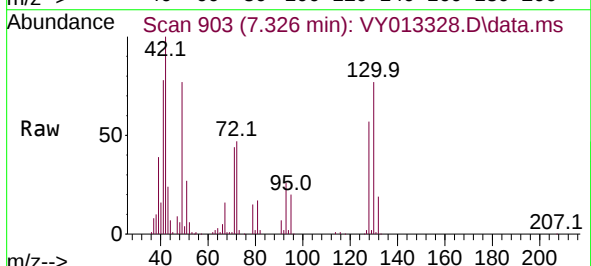
Manual Integrations
 APPROVED

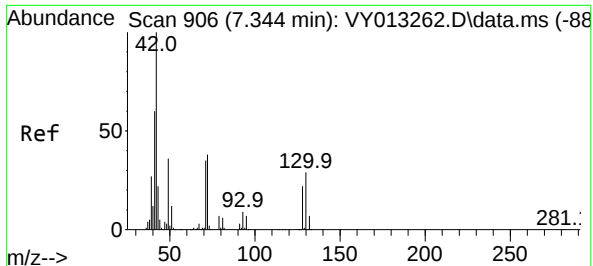
Reviewed By :John Carlone 04/17/2023
 Supervised By :Mahesh Dadoda 04/17/2023



#28
 Bromochloromethane
 Concen: 38.745 ug/l
 RT: 7.326 min Scan# 903
 Delta R.T. -0.000 min
 Lab File: VY013328.D
 Acq: 14 Apr 2023 18:51

Tgt Ion: 49 Resp: 85794
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 4.2
 130 97.9 60.5 90.7#





#29

Tetrahydrofuran

Concen: 211.900 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY013328.D

Acq: 14 Apr 2023 18:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 191178

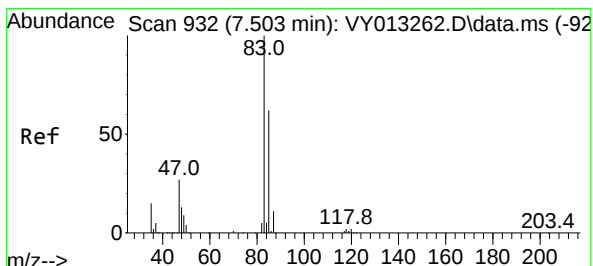
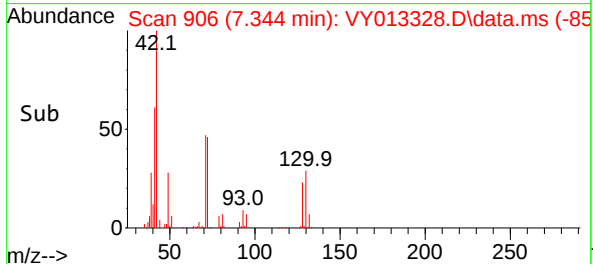
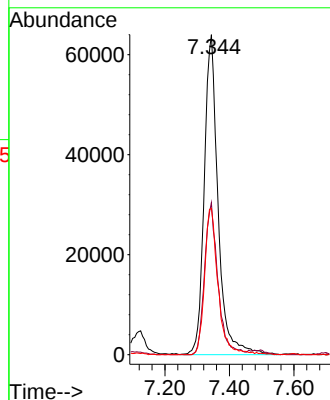
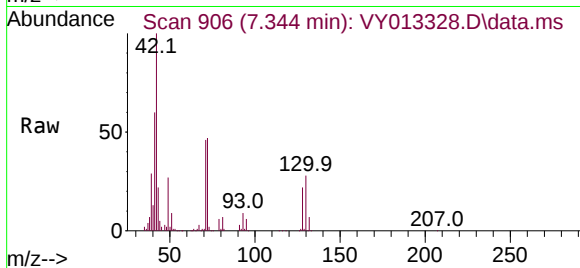
Ion	Ratio	Lower	Upper
42	100		
72	45.7	32.3	48.5
71	44.8	30.3	45.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2023

Supervised By :Mahesh Dadoda 04/17/2023



#30

Chloroform

Concen: 46.280 ug/l

RT: 7.496 min Scan# 931

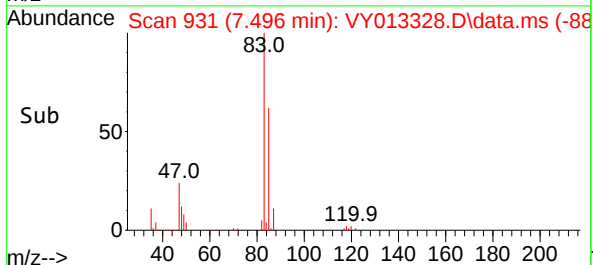
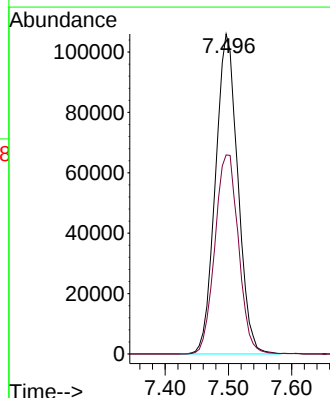
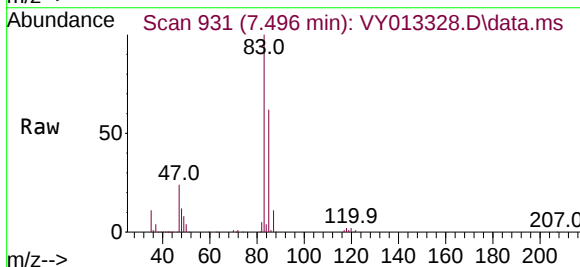
Delta R.T. -0.006 min

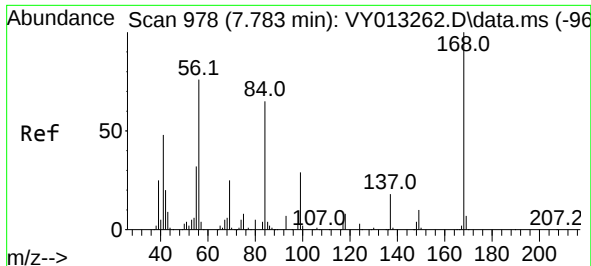
Lab File: VY013328.D

Acq: 14 Apr 2023 18:51

Tgt Ion: 83 Resp: 260208

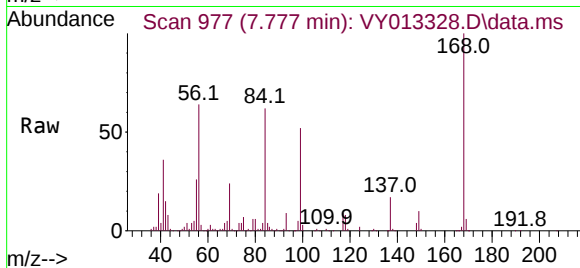
Ion	Ratio	Lower	Upper
83	100		
85	62.2	51.4	77.0





#31
Cyclohexane
Concen: 37.730 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013328.D
Acq: 14 Apr 2023 18:51

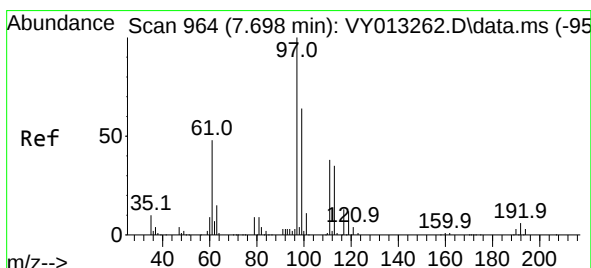
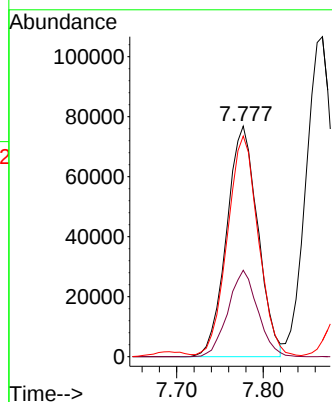
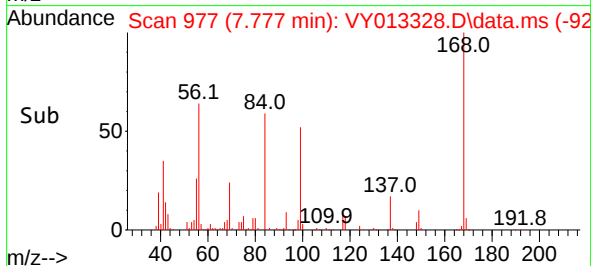
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 192498
Ion Ratio Lower Upper
56 100
69 37.5 25.7 38.5
84 93.7 64.3 96.5

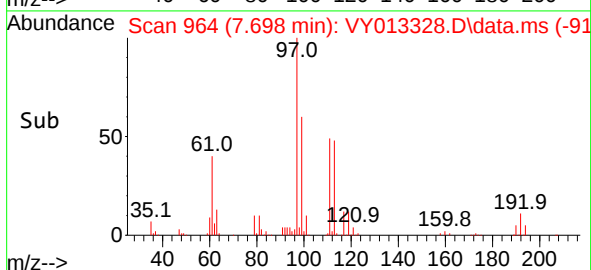
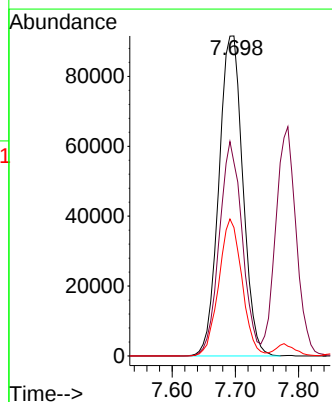
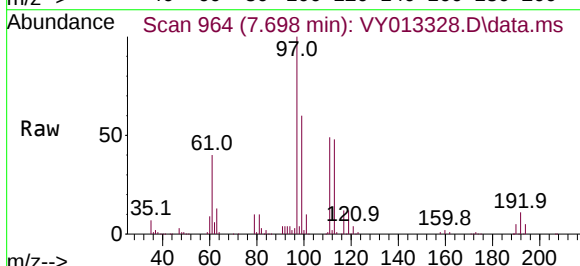
Manual Integrations
APPROVED

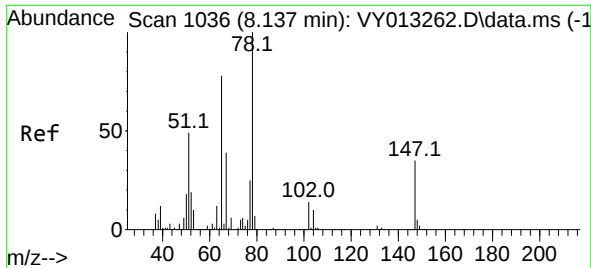
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#32
1,1,1-Trichloroethane
Concen: 47.367 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.000 min
Lab File: VY013328.D
Acq: 14 Apr 2023 18:51

Tgt Ion: 97 Resp: 240929
Ion Ratio Lower Upper
97 100
99 64.4 51.0 76.6
61 41.4 34.5 51.7





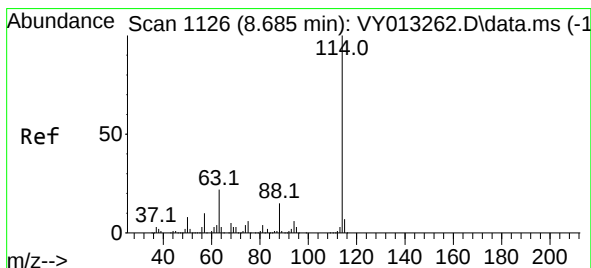
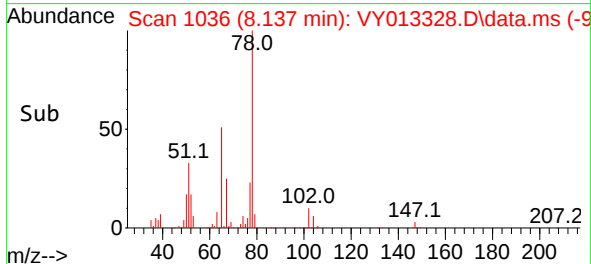
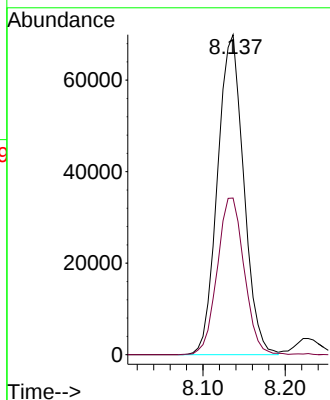
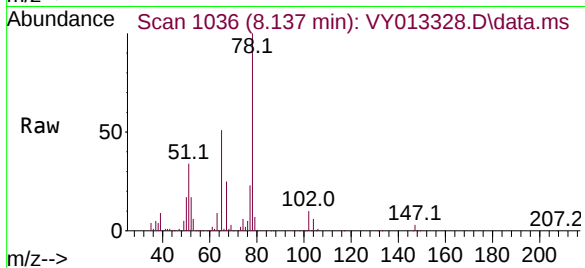
#33
1,2-Dichloroethane-d4
Concen: 45.830 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY013328.D
Acq: 14 Apr 2023 18:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 15464
Ion Ratio Lower Upper
65 100
67 50.5 0.0 104.0

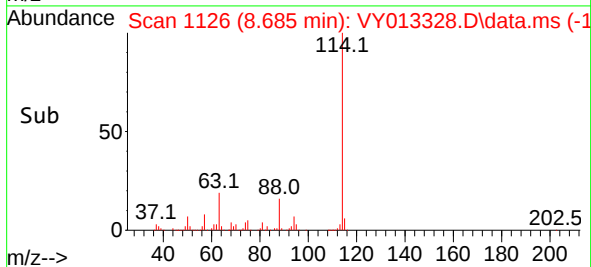
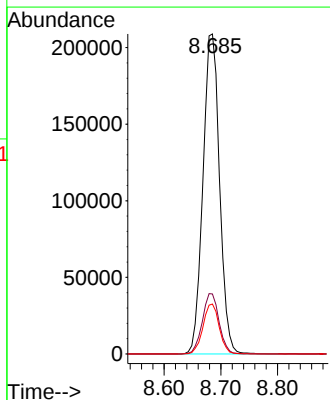
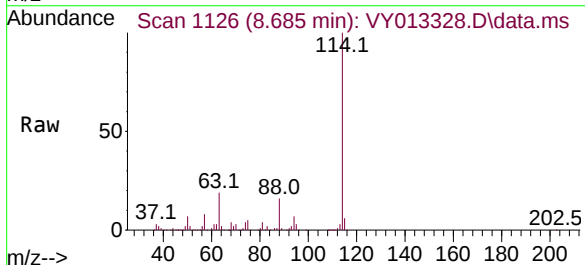
Manual Integrations
APPROVED

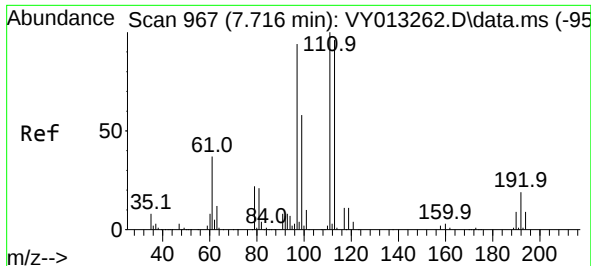
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY013328.D
Acq: 14 Apr 2023 18:51

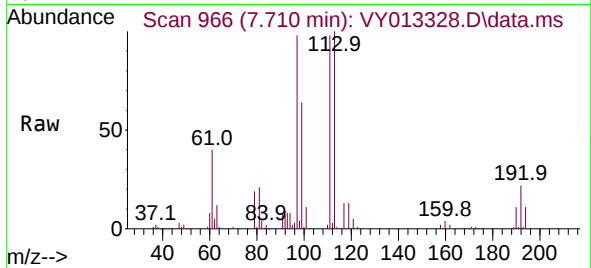
Tgt Ion:114 Resp: 426449
Ion Ratio Lower Upper
114 100
63 18.8 0.0 37.4
88 15.6 0.0 28.6





#35
Dibromofluoromethane
Concen: 48.843 ug/l
RT: 7.710 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY013328.D
Acq: 14 Apr 2023 18:51

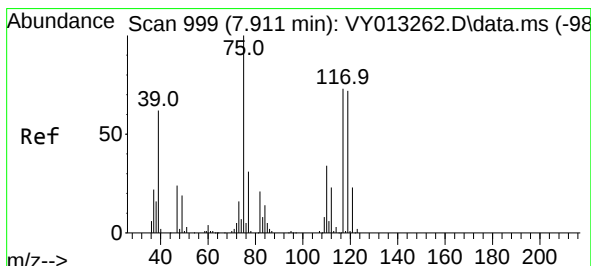
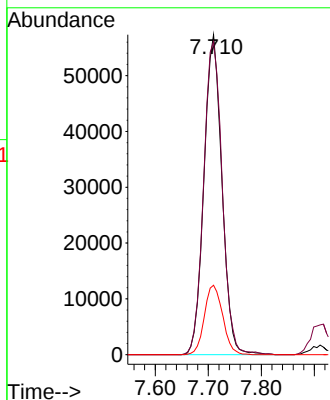
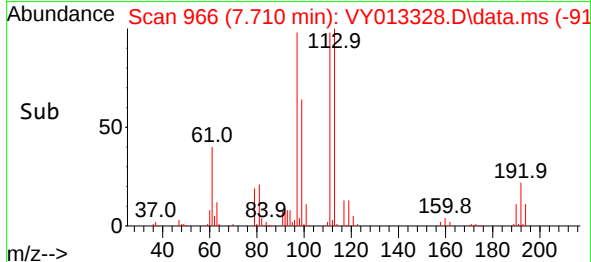
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 13484
Ion Ratio Lower Upper
113 100
111 101.5 82.2 123.2
192 22.1 16.8 25.2

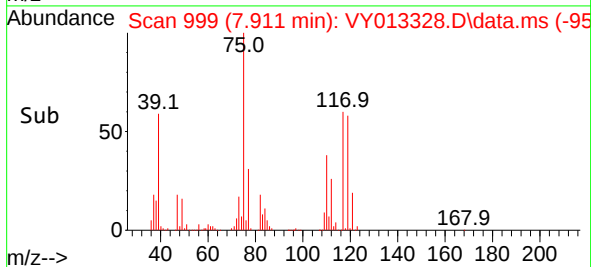
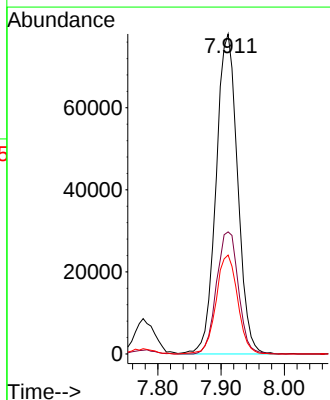
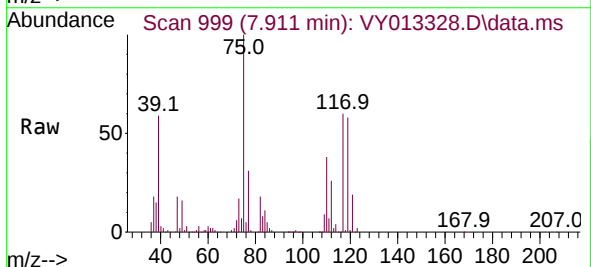
Manual Integrations
APPROVED

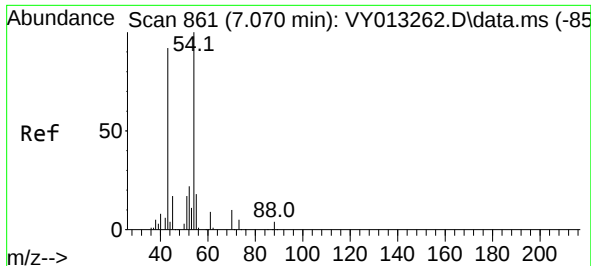
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#36
1,1-Dichloropropene
Concen: 44.017 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY013328.D
Acq: 14 Apr 2023 18:51

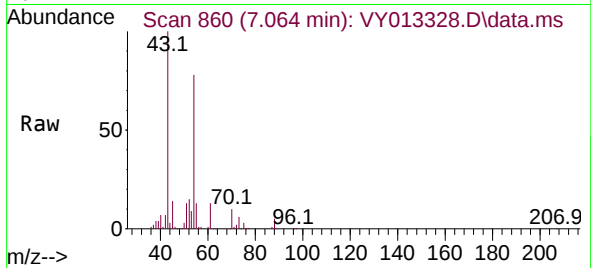
Tgt Ion: 75 Resp: 184098
Ion Ratio Lower Upper
75 100
110 38.8 17.8 53.3
77 30.9 25.0 37.4





#37
Ethyl Acetate
Concen: 42.247 ug/l
RT: 7.064 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY013328.D
Acq: 14 Apr 2023 18:51

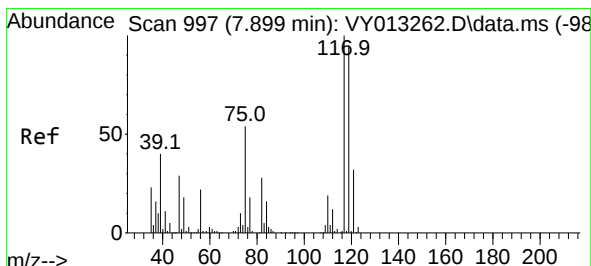
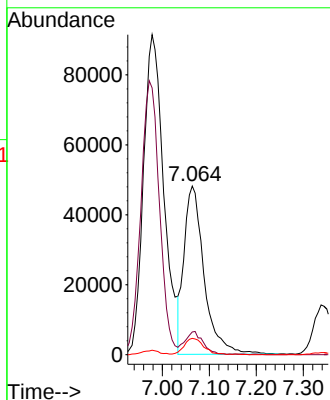
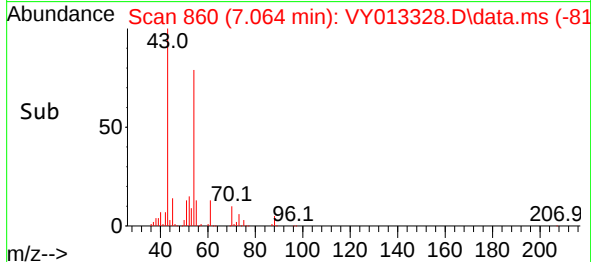
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 14243
Ion Ratio Lower Upper
43 100
61 12.0 10.7 16.1
70 9.5 7.8 11.8

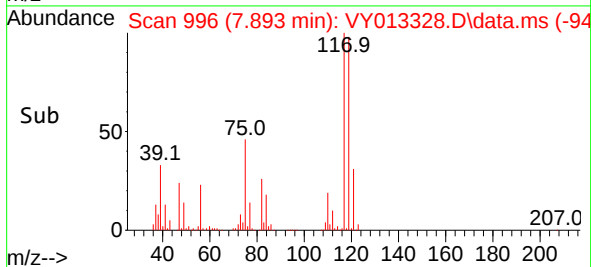
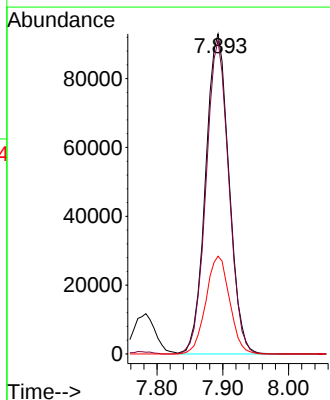
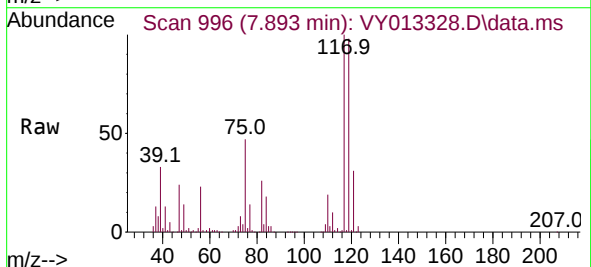
Manual Integrations
APPROVED

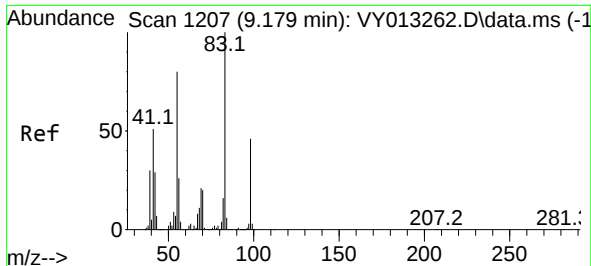
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#38
Carbon Tetrachloride
Concen: 49.823 ug/l
RT: 7.893 min Scan# 996
Delta R.T. -0.006 min
Lab File: VY013328.D
Acq: 14 Apr 2023 18:51

Tgt Ion:117 Resp: 230419
Ion Ratio Lower Upper
117 100
119 98.0 77.2 115.8
121 30.6 24.7 37.1





#39

Methylcyclohexane

Concen: 48.945 ug/l

RT: 9.179 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY013328.D

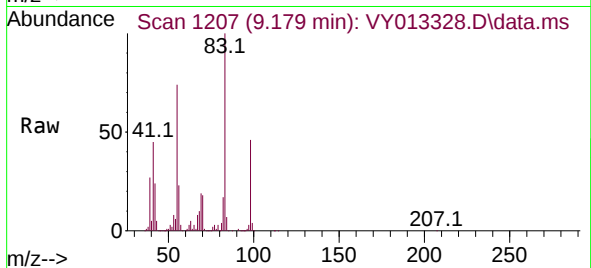
Acq: 14 Apr 2023 18:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



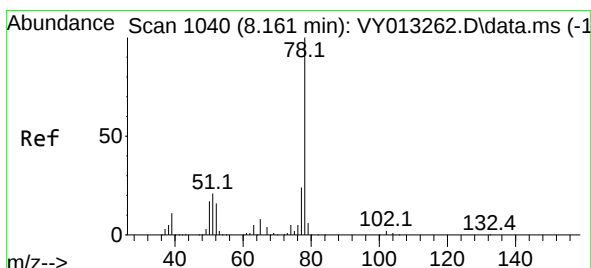
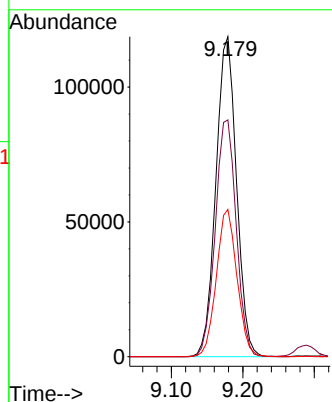
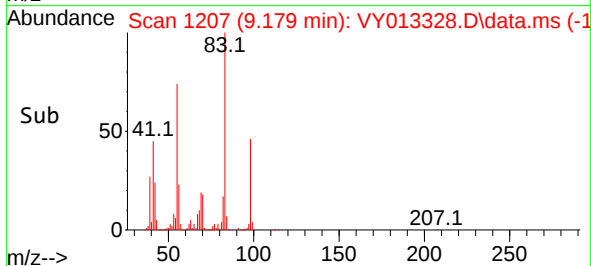
Tgt Ion:	83	Resp:	237979
Ion	Ratio	Lower	Upper
83	100		
55	74.0	60.0	90.0
98	46.0	38.3	57.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2023

Supervised By :Mahesh Dadoda 04/17/2023



#40

Benzene

Concen: 44.470 ug/l

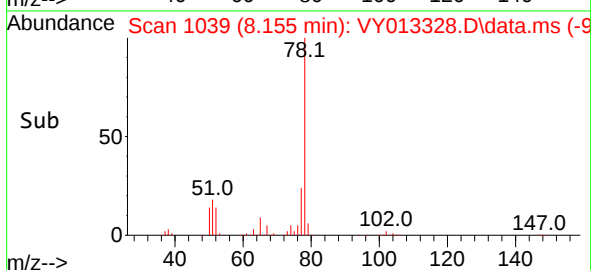
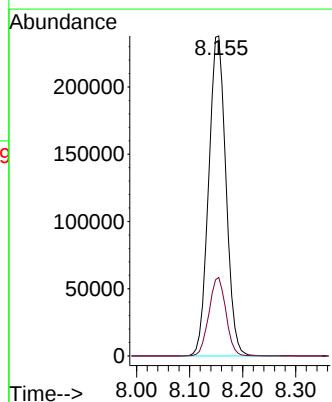
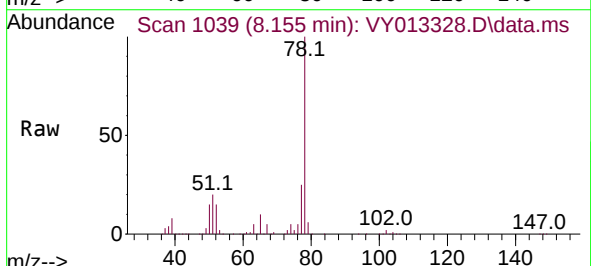
RT: 8.155 min Scan# 1039

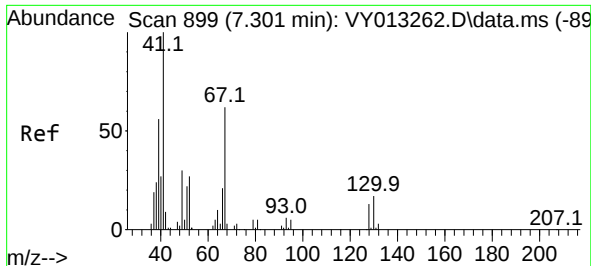
Delta R.T. -0.006 min

Lab File: VY013328.D

Acq: 14 Apr 2023 18:51

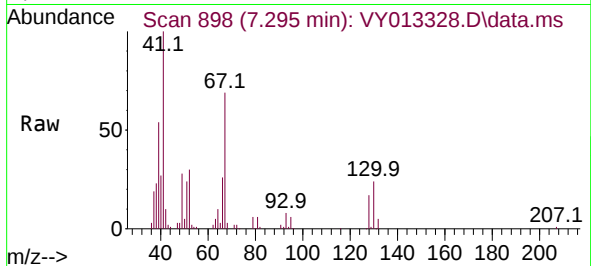
Tgt Ion:	78	Resp:	538307
Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.4	29.0





#41
Methacrylonitrile
Concen: 45.881 ug/l
RT: 7.295 min Scan# 899
Delta R.T. -0.006 min
Lab File: VY013328.D
Acq: 14 Apr 2023 18:51

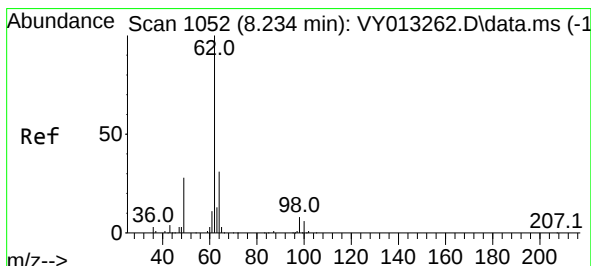
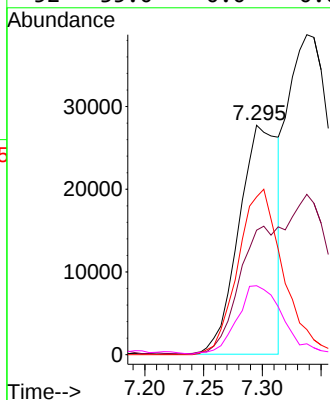
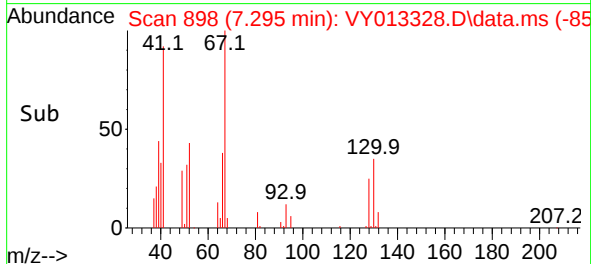
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	41	Resp:	64174
Ion Ratio	100	Lower	Upper
41	100		
39	47.2	0.0	0.0
67	84.2	0.0	0.0
52	35.0	0.0	0.0

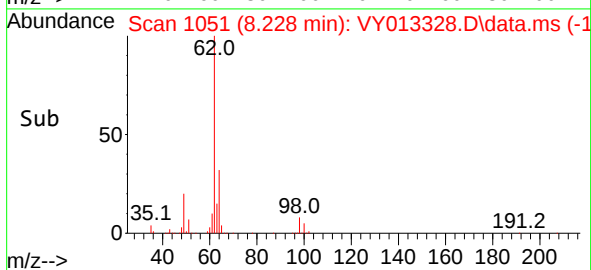
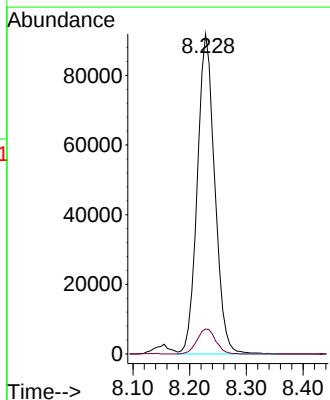
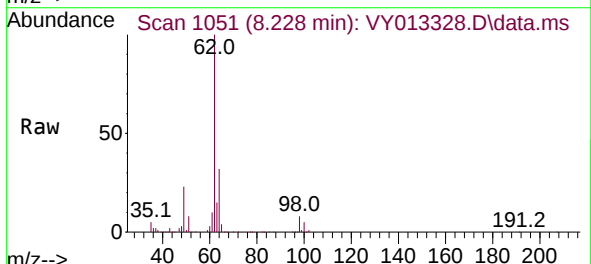
Manual Integrations
APPROVED

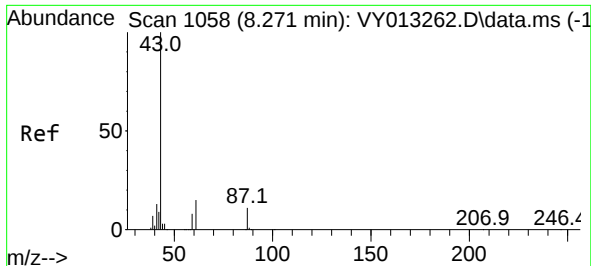
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#42
1,2-Dichloroethane
Concen: 47.736 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.006 min
Lab File: VY013328.D
Acq: 14 Apr 2023 18:51

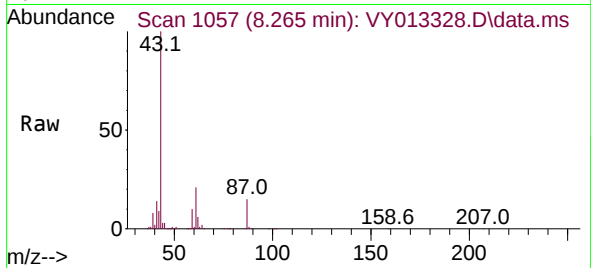
Tgt Ion:	62	Resp:	195920
Ion Ratio	100	Lower	Upper
62	100		
98	8.4	0.0	18.8





#43
Isopropyl Acetate
Concen: 41.727 ug/l
RT: 8.265 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VY013328.D
Acq: 14 Apr 2023 18:51

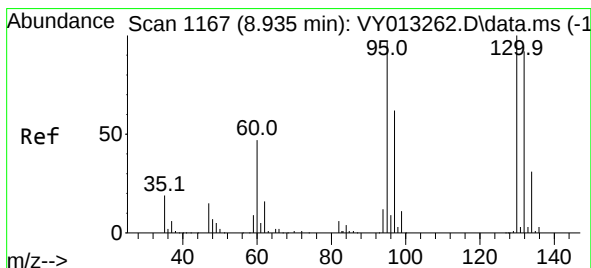
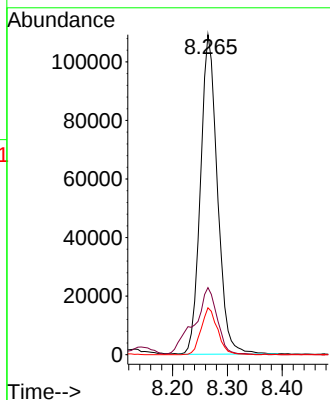
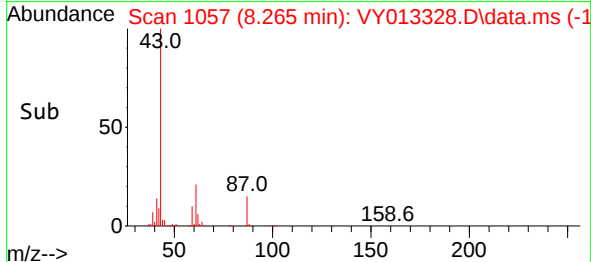
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



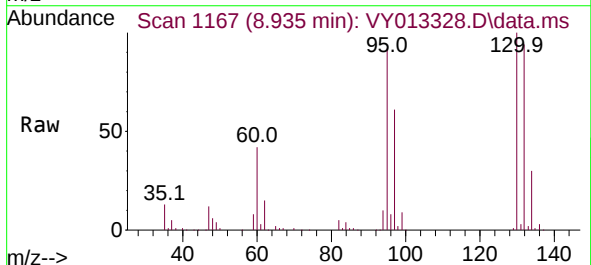
Tgt Ion: 43 Resp: 233664
Ion Ratio Lower Upper
43 100
61 28.4 21.6 32.4
87 14.3 9.9 14.9

Manual Integrations
APPROVED

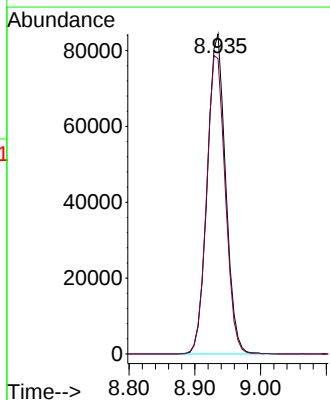
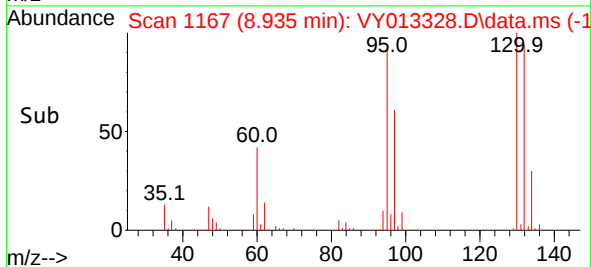
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023

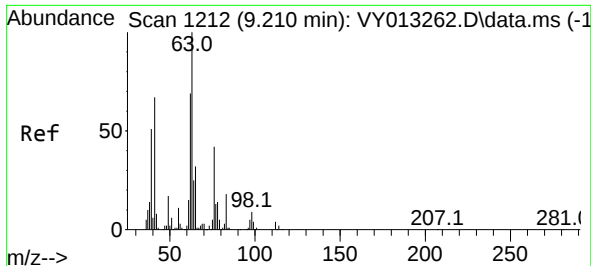


#44
Trichloroethene
Concen: 52.365 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY013328.D
Acq: 14 Apr 2023 18:51



Tgt Ion:130 Resp: 163292
Ion Ratio Lower Upper
130 100
95 92.3 0.0 185.0





#45

1,2-Dichloropropane

Concen: 48.996 ug/l

RT: 9.210 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VY013328.D

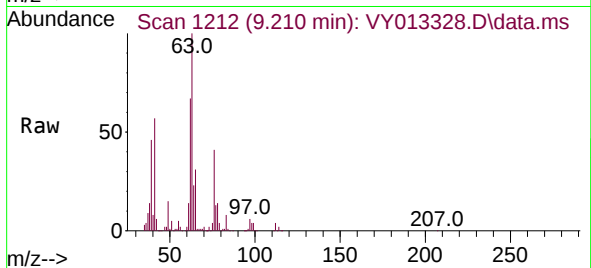
Acq: 14 Apr 2023 18:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 63 Resp: 153940

Ion Ratio Lower Upper

63 100

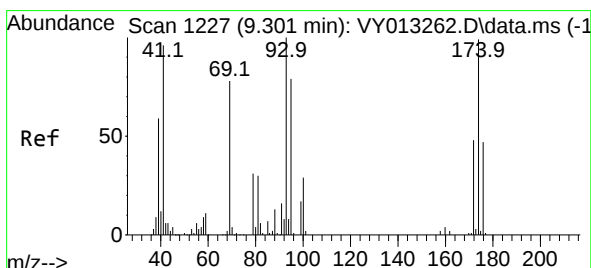
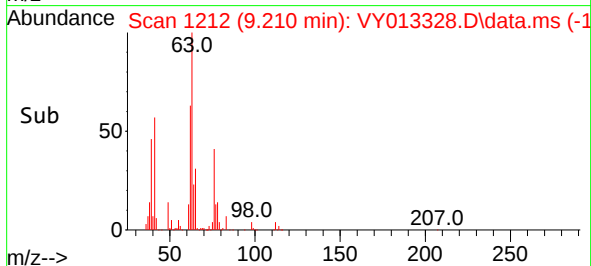
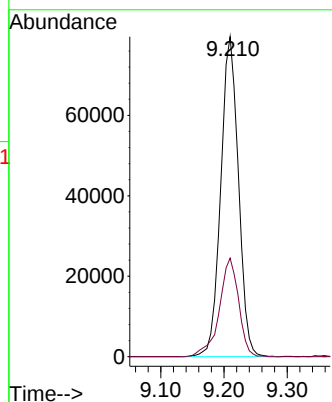
65 30.8 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2023

Supervised By :Mahesh Dadoda 04/17/2023



#46

Dibromomethane

Concen: 52.180 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.006 min

Lab File: VY013328.D

Acq: 14 Apr 2023 18:51

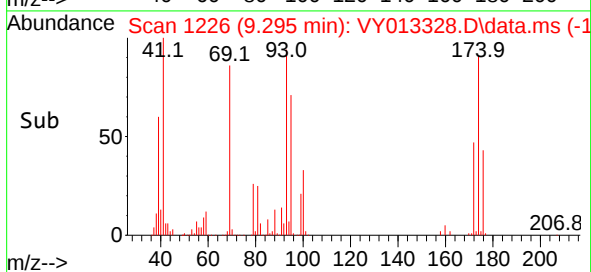
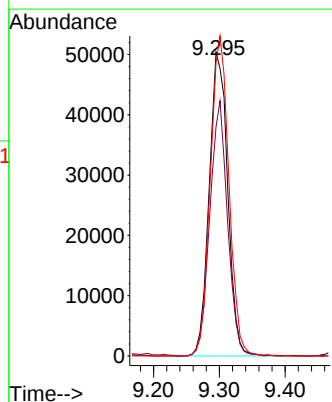
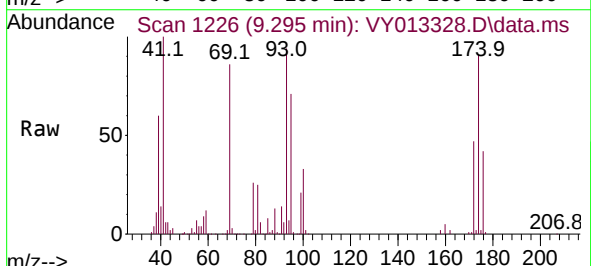
Tgt Ion: 93 Resp: 98670

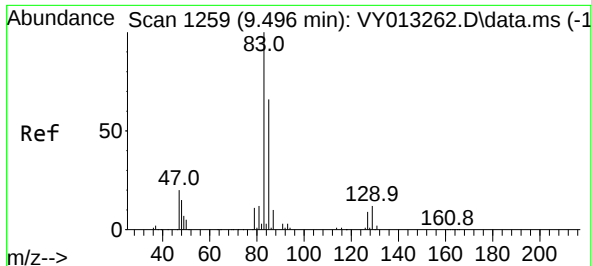
Ion Ratio Lower Upper

93 100

95 80.4 65.6 98.4

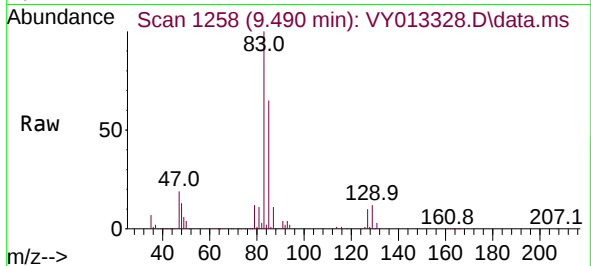
174 105.6 81.3 121.9





#47
Bromodichloromethane
Concen: 50.190 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VY013328.D
Acq: 14 Apr 2023 18:51

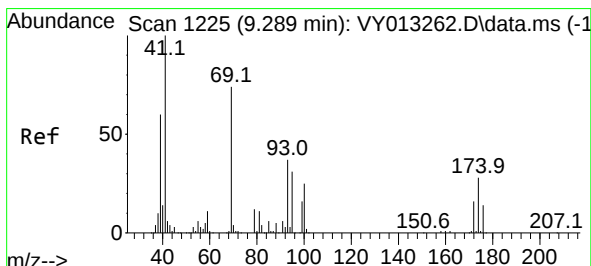
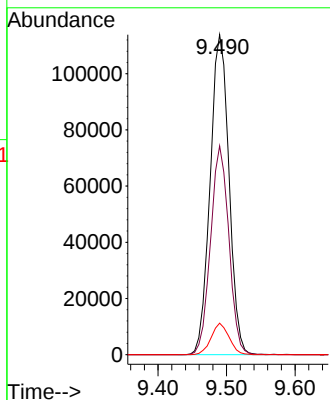
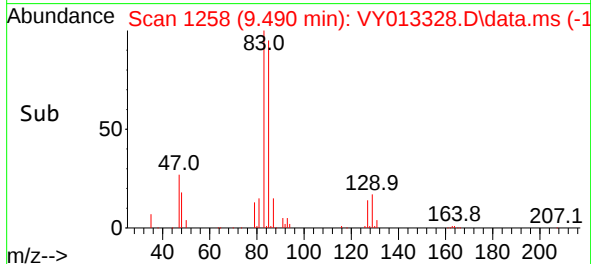
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



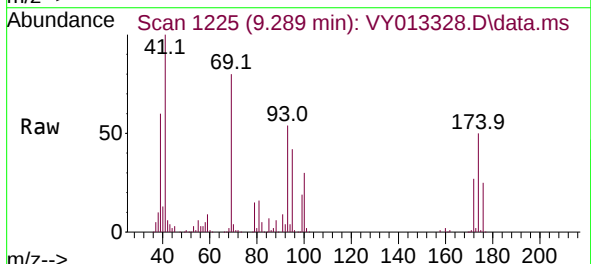
Tgt Ion: 83 Resp: 21696
Ion Ratio Lower Upper
83 100
85 65.2 50.2 75.4
127 9.8 6.3 9.5

Manual Integrations
APPROVED

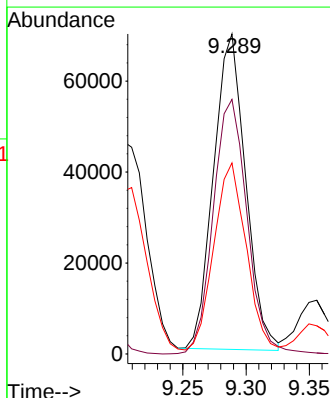
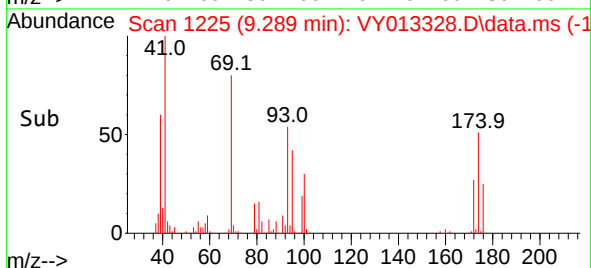
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023

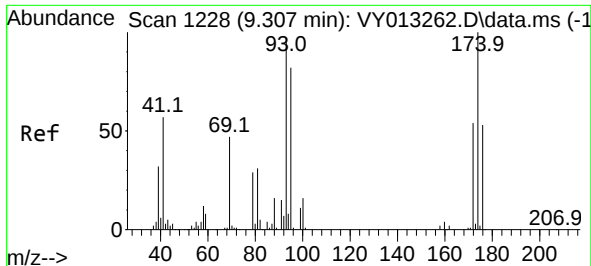


#48
Methyl methacrylate
Concen: 47.551 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY013328.D
Acq: 14 Apr 2023 18:51



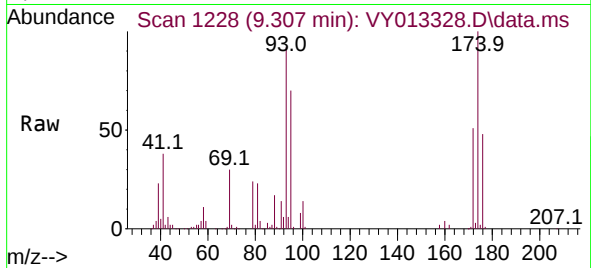
Tgt Ion: 41 Resp: 122311
Ion Ratio Lower Upper
41 100
69 85.3 64.1 96.1
39 59.8 44.0 66.0





#49
1,4-Dioxane
Concen: 1217.722 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VY013328.D
Acq: 14 Apr 2023 18:51

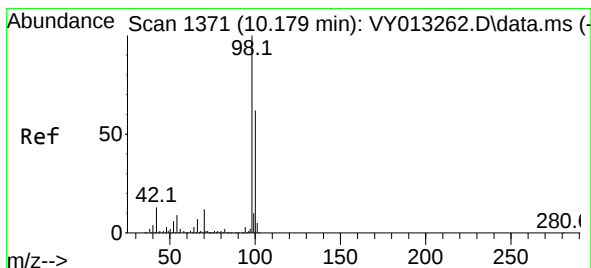
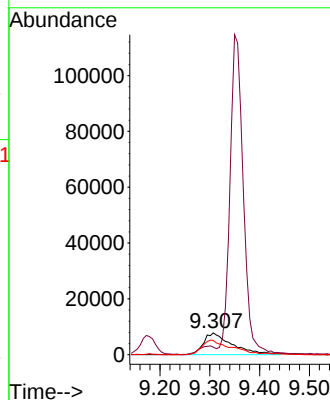
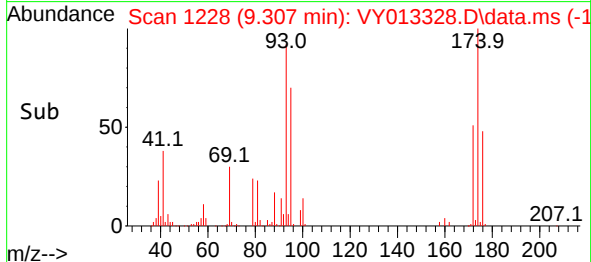
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 31198
Ion Ratio Lower Upper
88 100
43 21.9 28.6 42.8
58 67.5 55.2 82.8

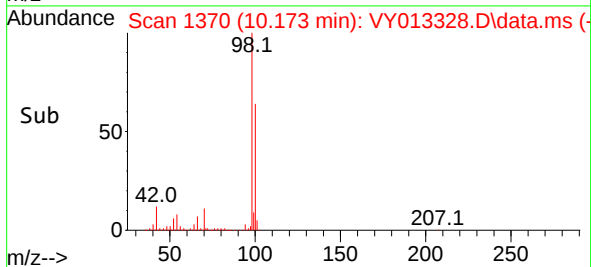
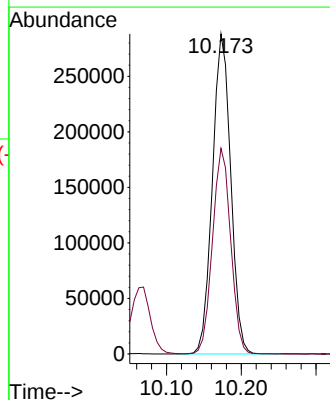
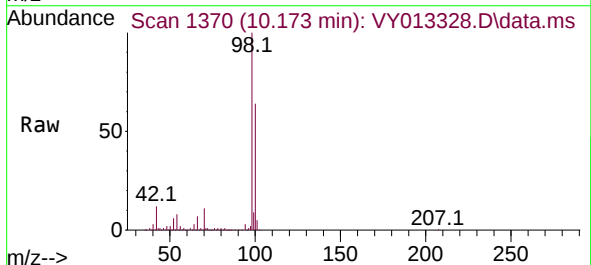
Manual Integrations
APPROVED

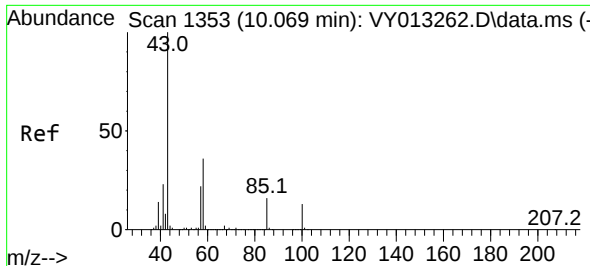
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#50
Toluene-d8
Concen: 47.635 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY013328.D
Acq: 14 Apr 2023 18:51

Tgt Ion: 98 Resp: 489501
Ion Ratio Lower Upper
98 100
100 63.9 50.9 76.3





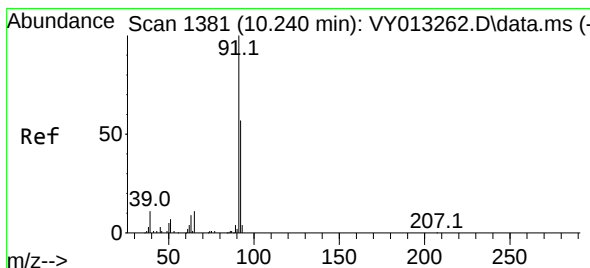
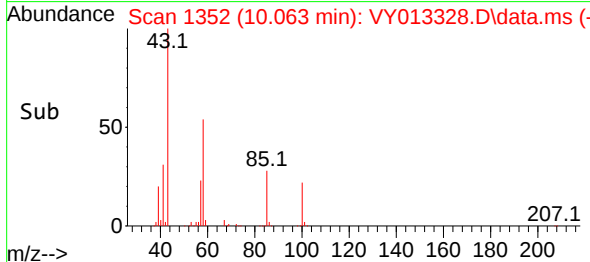
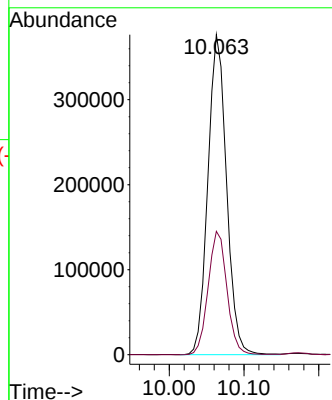
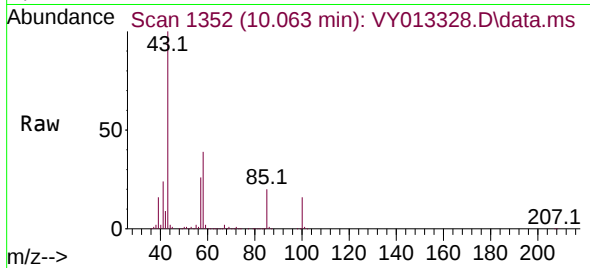
#51
4-Methyl-2-Pentanone
Concen: 214.116 ug/l
RT: 10.063 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013328.D
Acq: 14 Apr 2023 18:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 65254
Ion Ratio Lower Upper
43 100
58 38.9 29.8 44.6

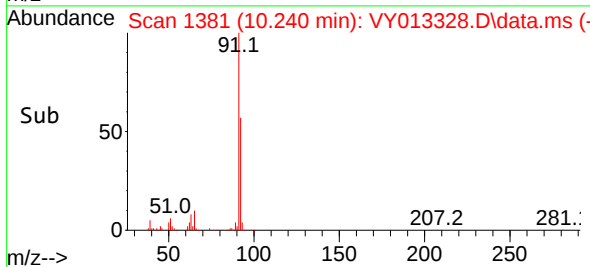
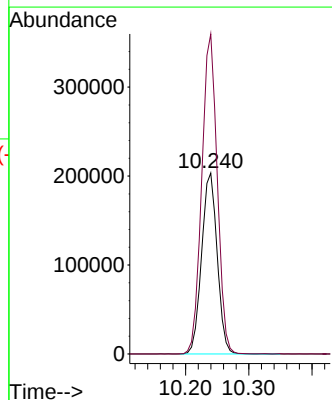
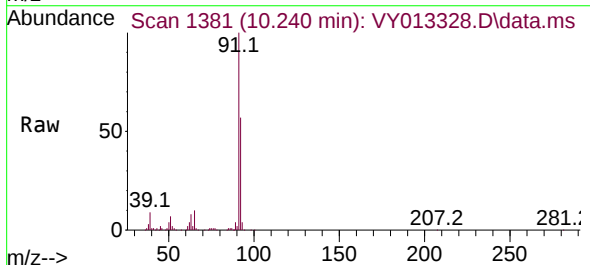
Manual Integrations
APPROVED

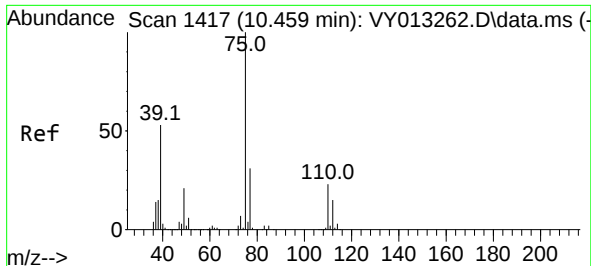
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#52
Toluene
Concen: 47.627 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY013328.D
Acq: 14 Apr 2023 18:51

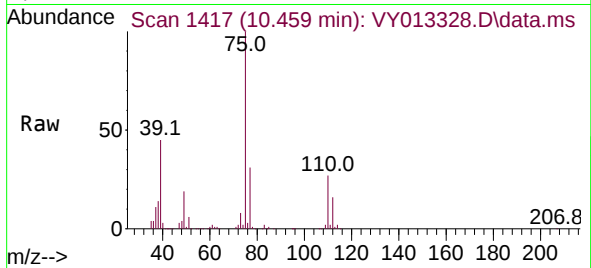
Tgt Ion: 92 Resp: 348130
Ion Ratio Lower Upper
92 100
91 176.1 141.3 211.9





#53
t-1,3-Dichloropropene
Concen: 48.136 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. -0.000 min
Lab File: VY013328.D
Acq: 14 Apr 2023 18:51

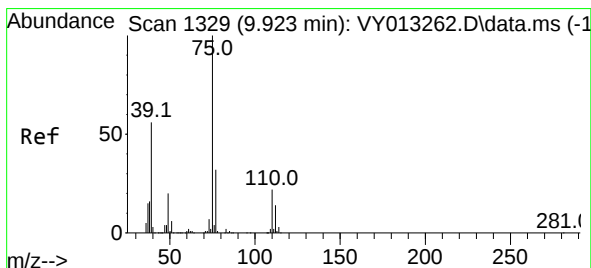
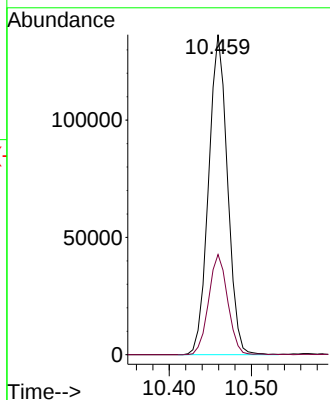
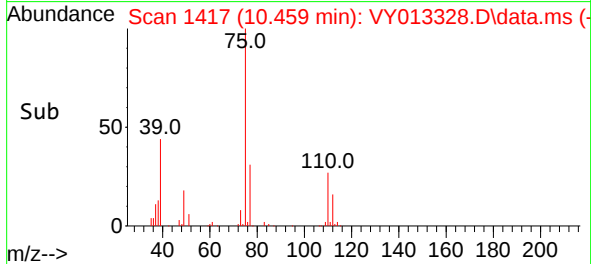
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 217914
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.2

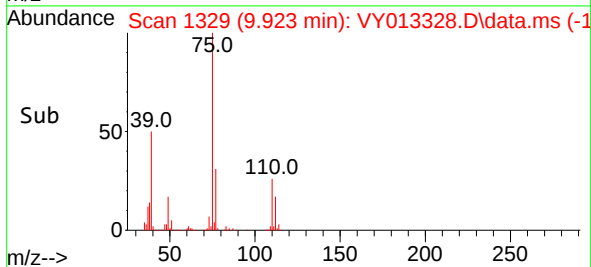
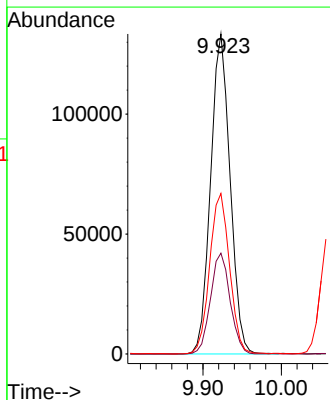
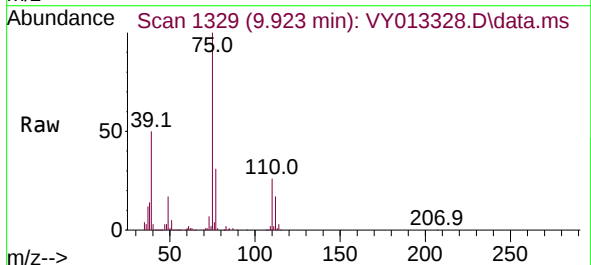
Manual Integrations
APPROVED

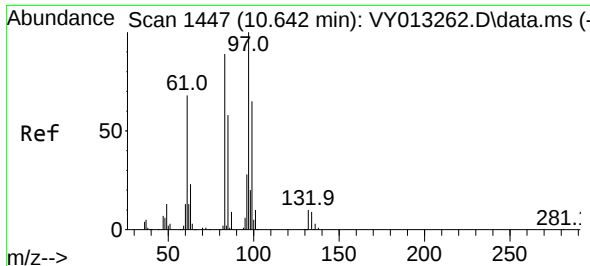
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#54
cis-1,3-Dichloropropene
Concen: 46.397 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.000 min
Lab File: VY013328.D
Acq: 14 Apr 2023 18:51

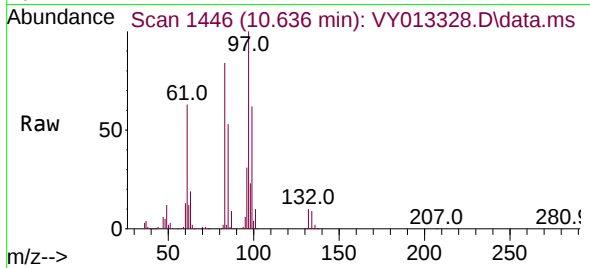
Tgt Ion: 75 Resp: 230313
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.0
39 50.1 39.0 58.4





#55
1,1,2-Trichloroethane
Concen: 50.414 ug/l
RT: 10.636 min Scan# 1446
Delta R.T. -0.006 min
Lab File: VY013328.D
Acq: 14 Apr 2023 18:51

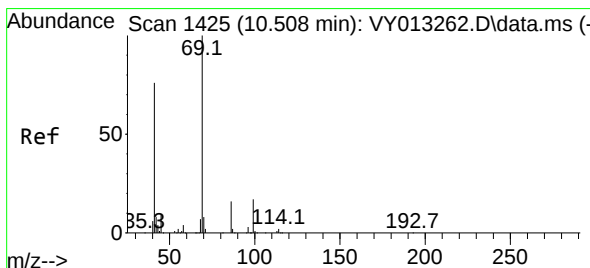
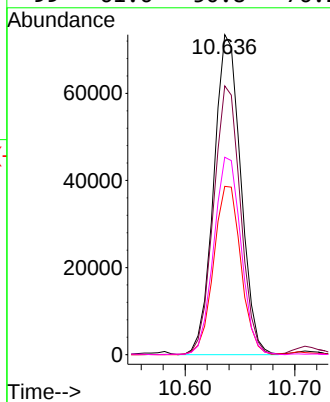
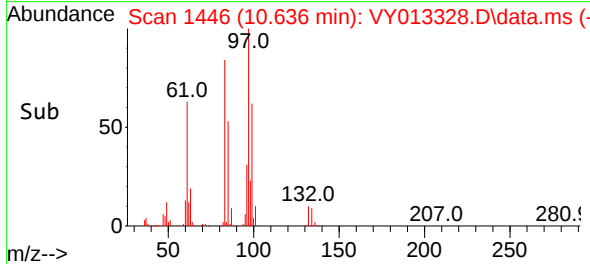
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 97 Resp: 125690
Ion Ratio Lower Upper
97 100
83 83.9 69.0 103.6
85 52.6 44.9 67.3
99 61.6 50.8 76.2

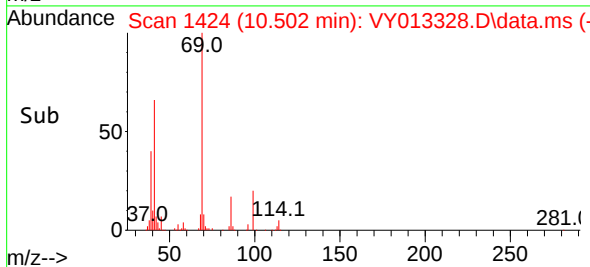
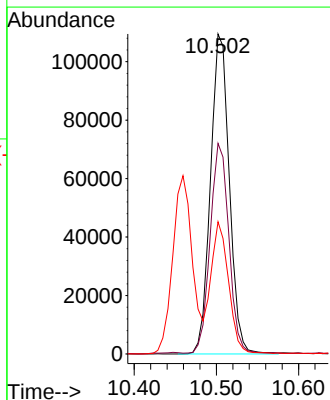
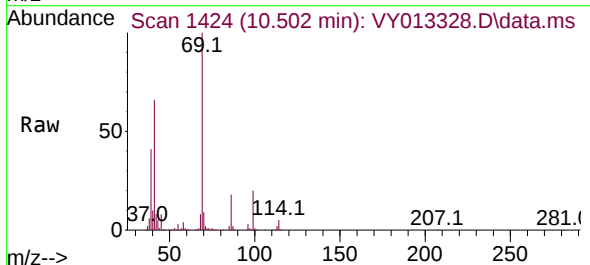
Manual Integrations
APPROVED

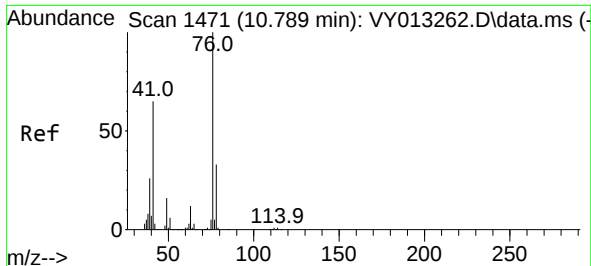
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#56
Ethyl methacrylate
Concen: 51.028 ug/l
RT: 10.502 min Scan# 1424
Delta R.T. -0.006 min
Lab File: VY013328.D
Acq: 14 Apr 2023 18:51

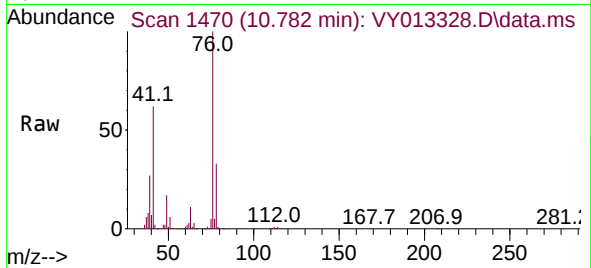
Tgt Ion: 69 Resp: 174203
Ion Ratio Lower Upper
69 100
41 65.3 56.4 84.6
39 38.9 30.8 46.2





#57
1,3-Dichloropropane
Concen: 47.385 ug/l
RT: 10.782 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VY013328.D
Acq: 14 Apr 2023 18:51

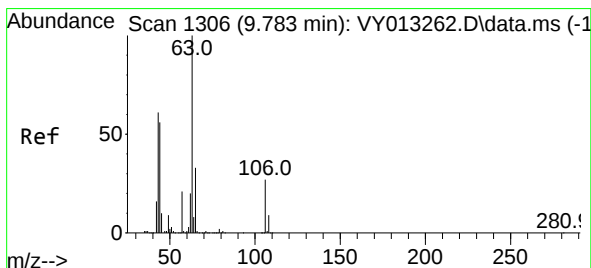
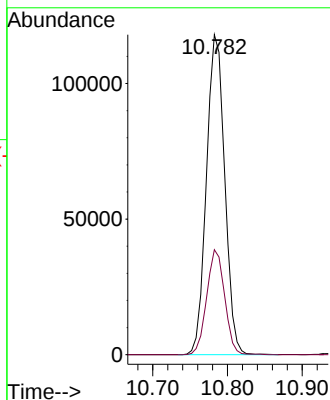
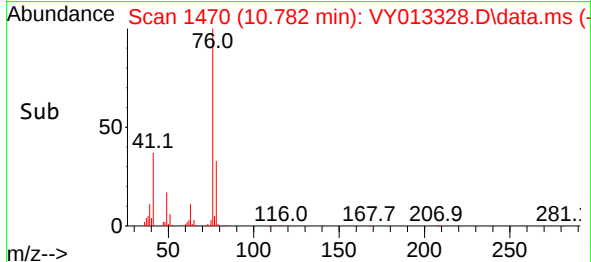
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



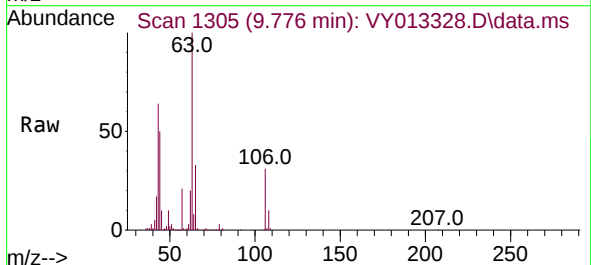
Tgt Ion: 76 Resp: 200938
Ion Ratio Lower Upper
76 100
78 32.2 26.2 39.4

Manual Integrations
APPROVED

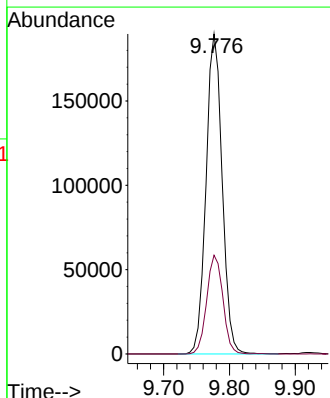
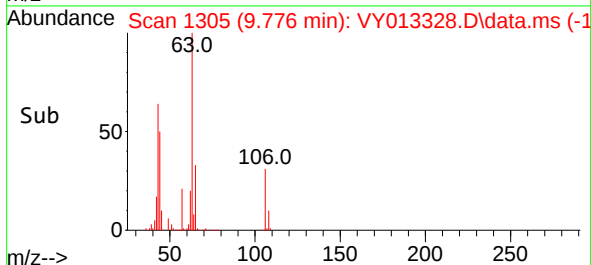
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023

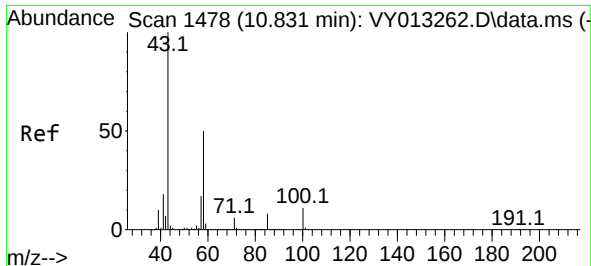


#58
2-Chloroethyl Vinyl ether
Concen: 226.829 ug/l
RT: 9.776 min Scan# 1305
Delta R.T. -0.006 min
Lab File: VY013328.D
Acq: 14 Apr 2023 18:51



Tgt Ion: 63 Resp: 323332
Ion Ratio Lower Upper
63 100
106 30.9 22.1 33.1





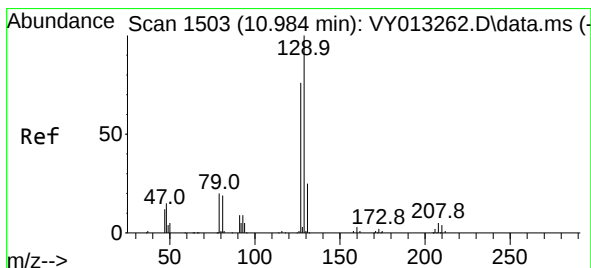
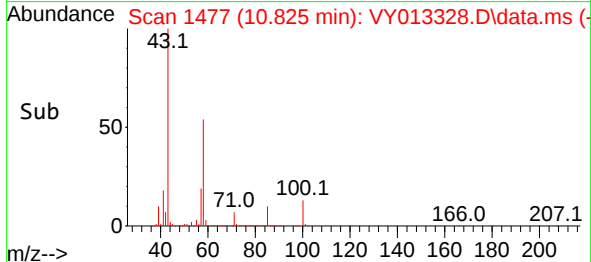
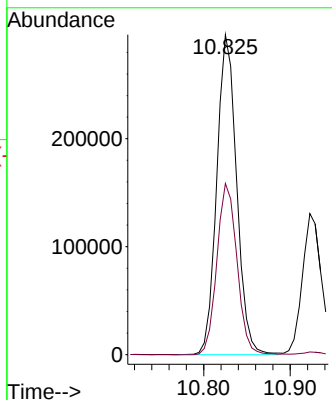
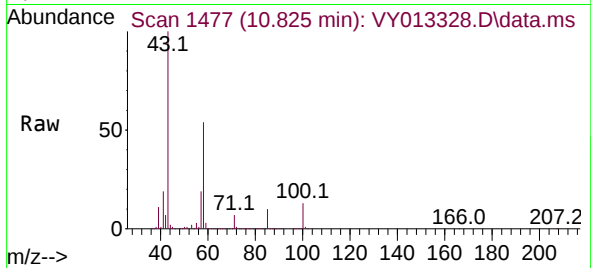
#59
2-Hexanone
Concen: 213.152 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VY013328.D
Acq: 14 Apr 2023 18:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 472330
Ion Ratio Lower Upper
43 100
58 54.1 25.9 77.8

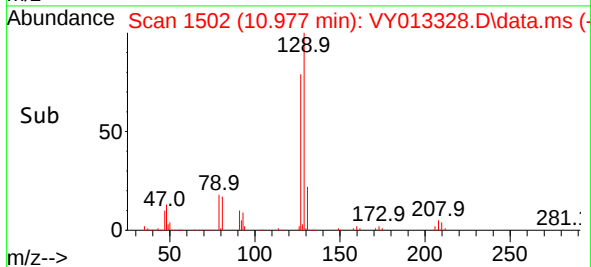
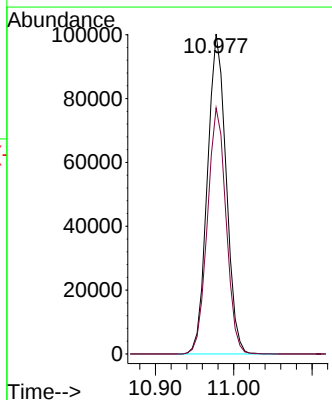
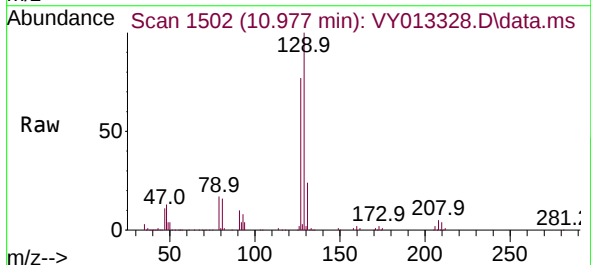
Manual Integrations
APPROVED

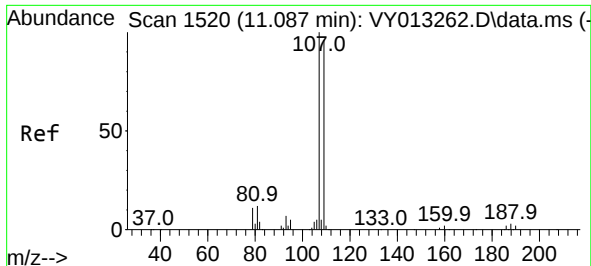
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#60
Dibromochloromethane
Concen: 53.140 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. -0.006 min
Lab File: VY013328.D
Acq: 14 Apr 2023 18:51

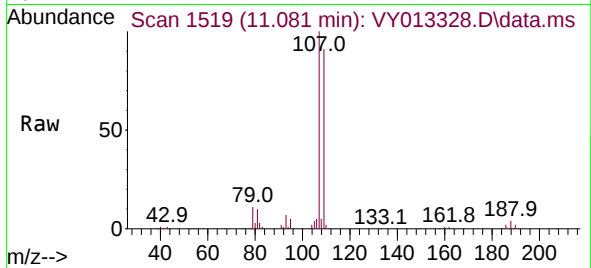
Tgt Ion:129 Resp: 166129
Ion Ratio Lower Upper
129 100
127 76.6 38.7 116.1





#61
1,2-Dibromoethane
Concen: 52.728 ug/l
RT: 11.081 min Scan# 1519
Delta R.T. -0.006 min
Lab File: VY013328.D
Acq: 14 Apr 2023 18:51

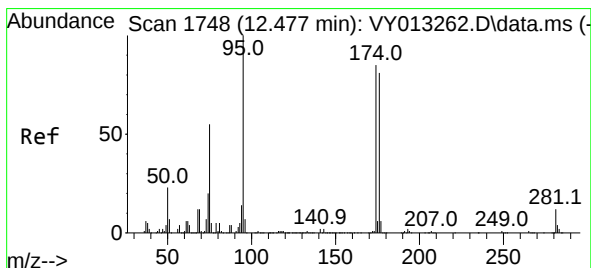
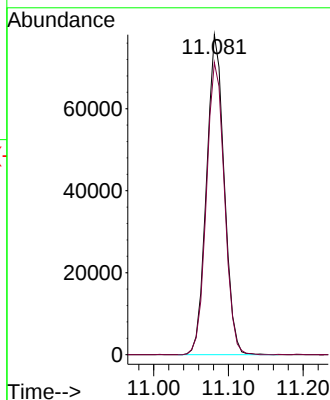
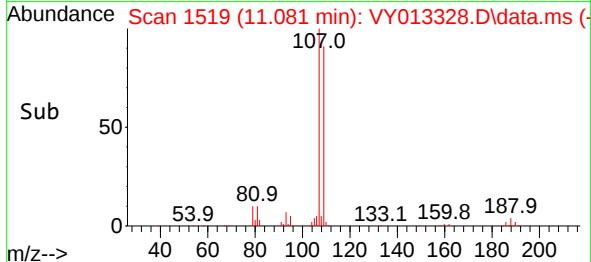
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



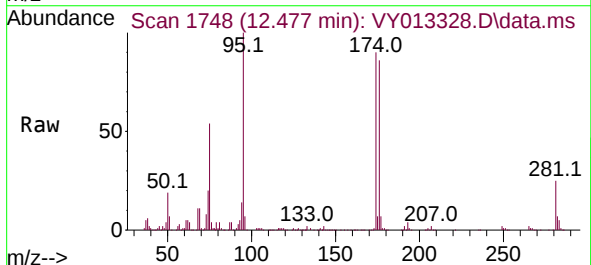
Tgt Ion:107 Resp: 128010
Ion Ratio Lower Upper
107 100
109 93.4 75.0 112.6

Manual Integrations
APPROVED

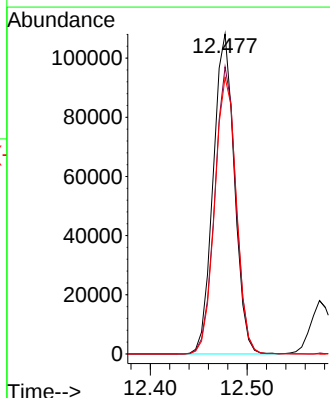
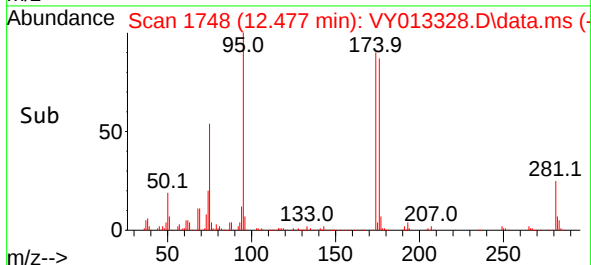
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023

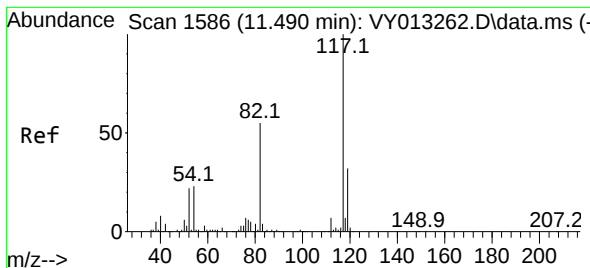


#62
4-Bromofluorobenzene
Concen: 49.434 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY013328.D
Acq: 14 Apr 2023 18:51



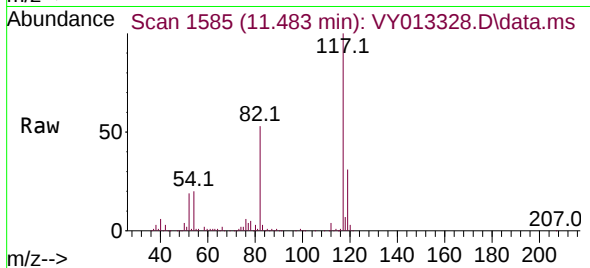
Tgt Ion: 95 Resp: 165055
Ion Ratio Lower Upper
95 100
174 89.5 0.0 176.6
176 87.9 0.0 170.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY013328.D
Acq: 14 Apr 2023 18:51

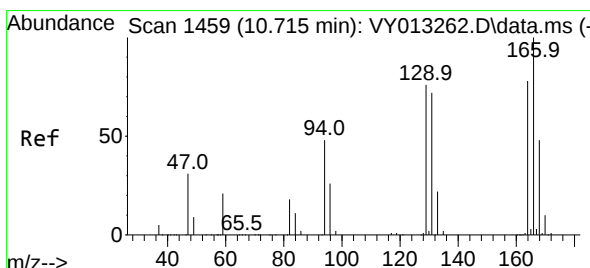
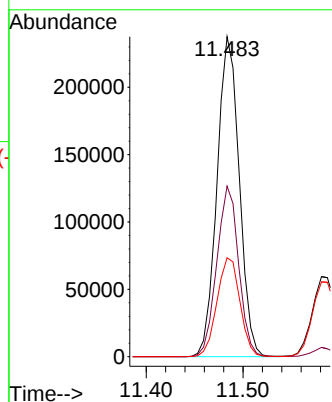
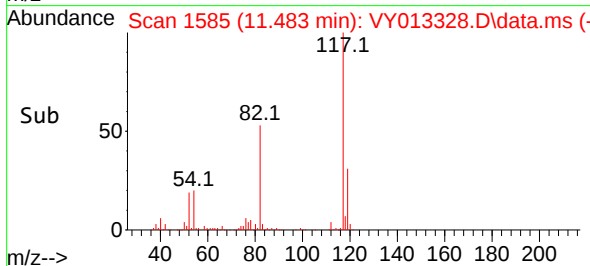
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



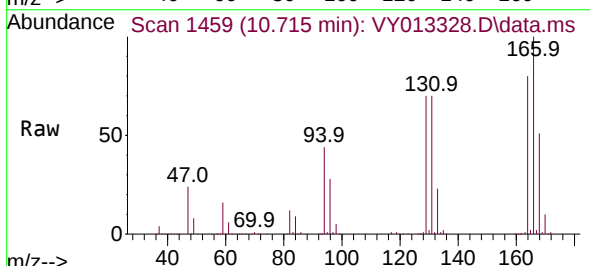
Tgt Ion:117 Resp: 379110
Ion Ratio Lower Upper
117 100
82 53.3 45.4 68.0
119 30.9 25.6 38.4

Manual Integrations
APPROVED

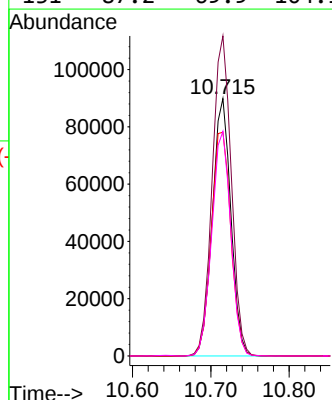
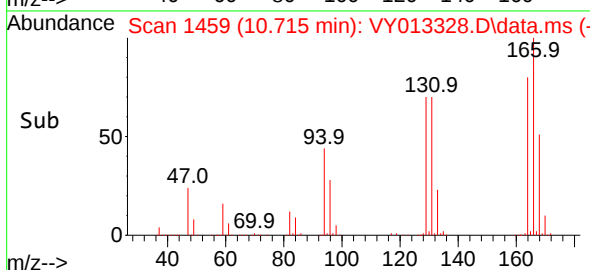
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023

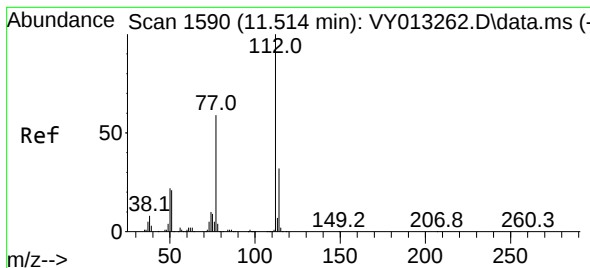


#64
Tetrachloroethene
Concen: 55.403 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VY013328.D
Acq: 14 Apr 2023 18:51



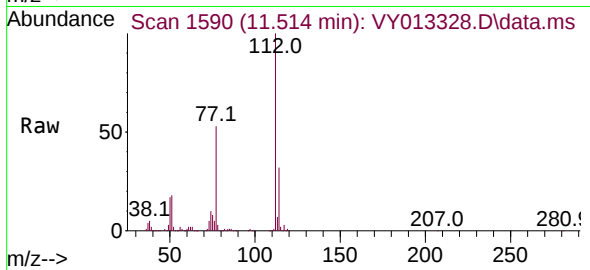
Tgt Ion:164 Resp: 148180
Ion Ratio Lower Upper
164 100
166 124.3 103.4 155.2
129 86.9 71.4 107.2
131 87.2 69.9 104.9





#65
Chlorobenzene
Concen: 49.296 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013328.D
Acq: 14 Apr 2023 18:51

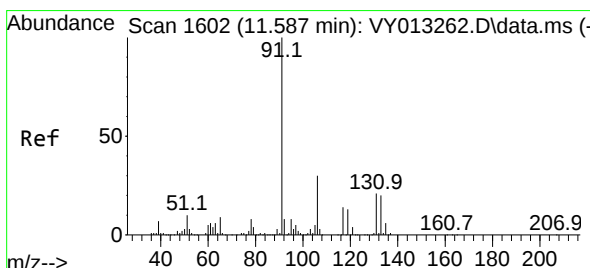
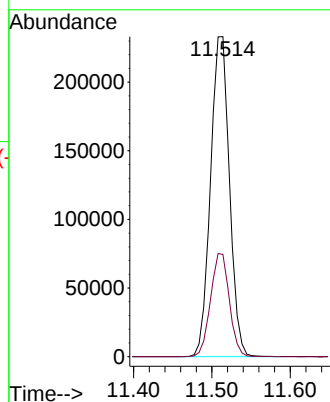
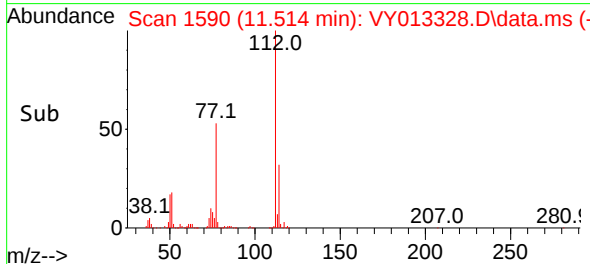
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



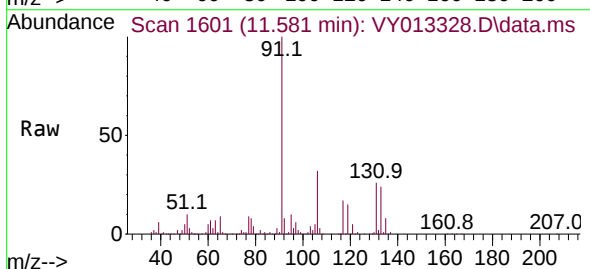
Tgt Ion:112 Resp: 390948
Ion Ratio Lower Upper
112 100
114 32.0 24.5 36.7

Manual Integrations
APPROVED

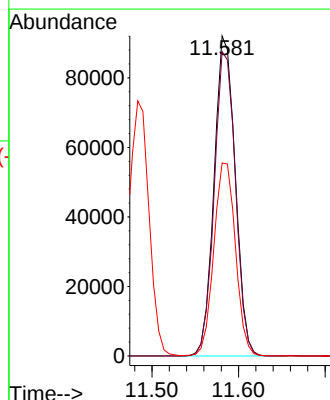
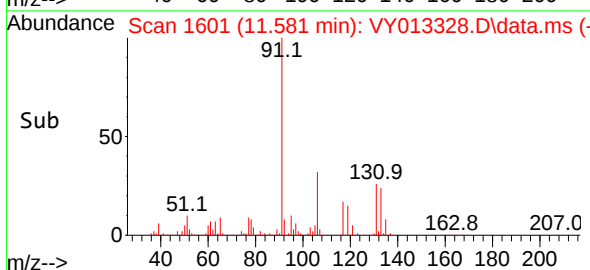
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023

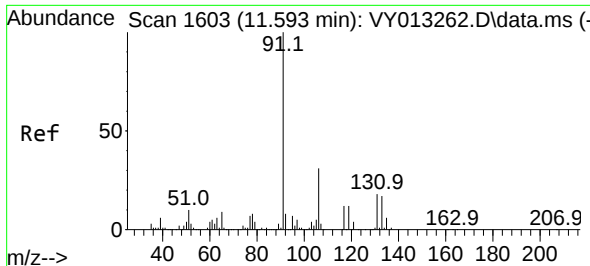


#66
1,1,1,2-Tetrachloroethane
Concen: 52.473 ug/l
RT: 11.581 min Scan# 1601
Delta R.T. -0.006 min
Lab File: VY013328.D
Acq: 14 Apr 2023 18:51



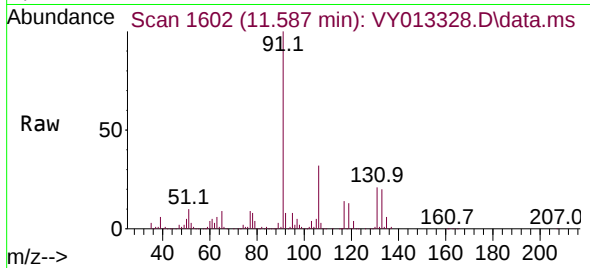
Tgt Ion:131 Resp: 156167
Ion Ratio Lower Upper
131 100
133 95.4 48.0 144.0
119 61.8 32.6 98.0





#67
Ethyl Benzene
Concen: 48.291 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY013328.D
Acq: 14 Apr 2023 18:51

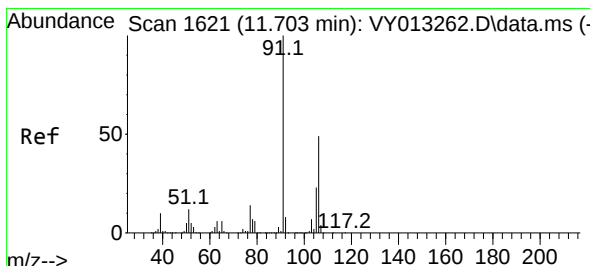
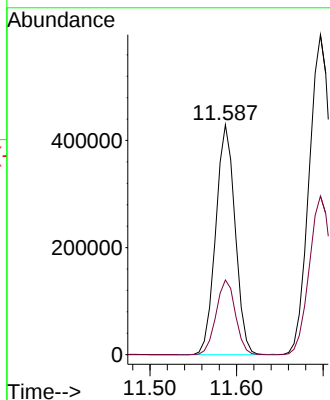
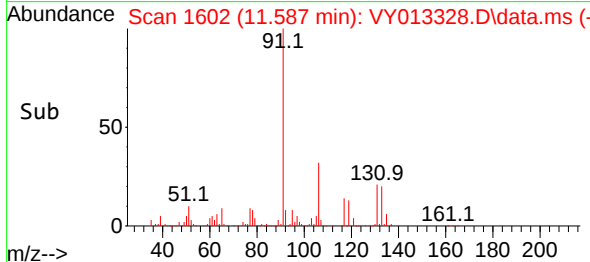
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 66701
Ion Ratio Lower Upper
91 100
106 32.5 25.1 37.7

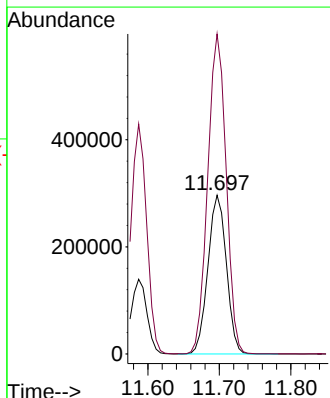
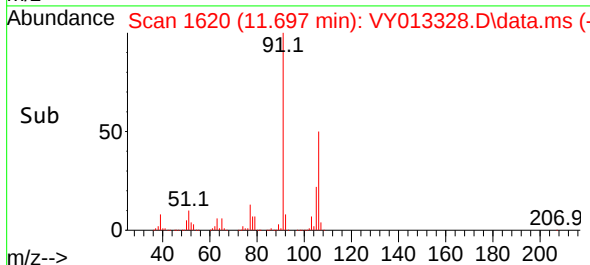
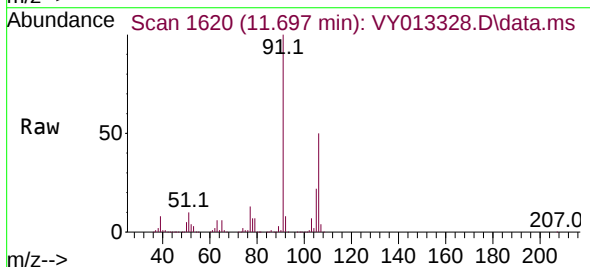
Manual Integrations
APPROVED

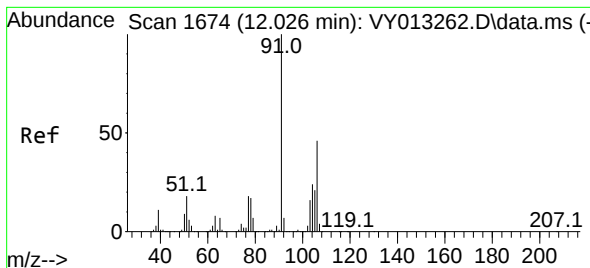
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#68
m/p-Xylenes
Concen: 100.491 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY013328.D
Acq: 14 Apr 2023 18:51

Tgt Ion:106 Resp: 531079
Ion Ratio Lower Upper
106 100
91 201.1 159.8 239.8





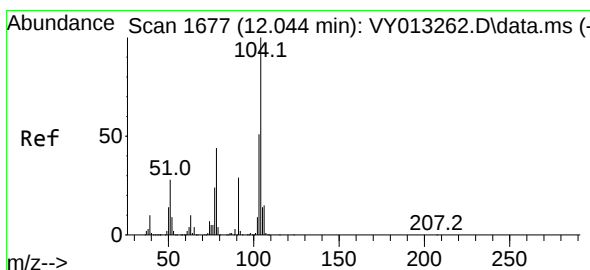
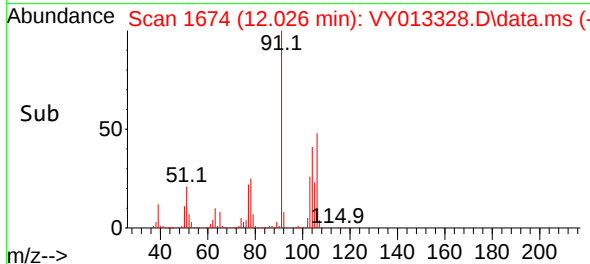
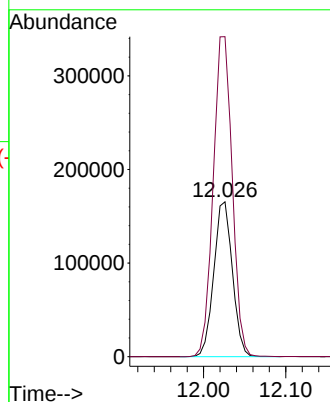
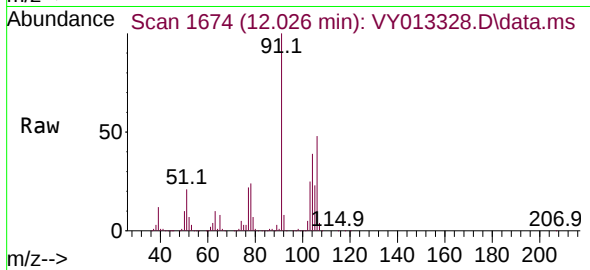
#69
o-Xylene
Concen: 53.106 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY013328.D
Acq: 14 Apr 2023 18:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 259929
Ion Ratio Lower Upper
106 100
91 211.5 107.2 321.6

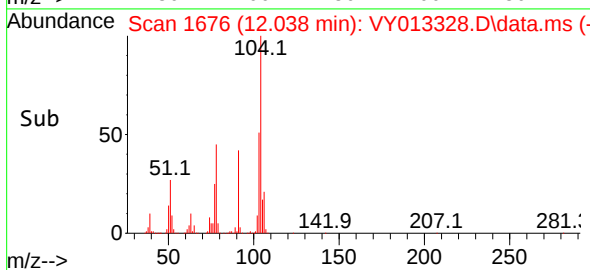
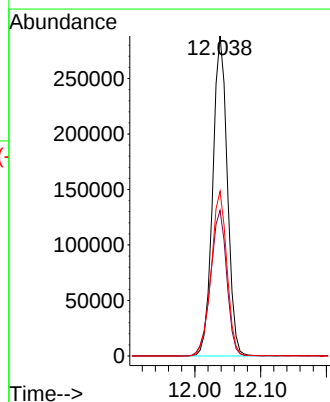
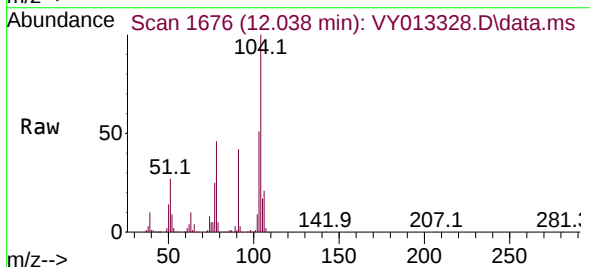
Manual Integrations
APPROVED

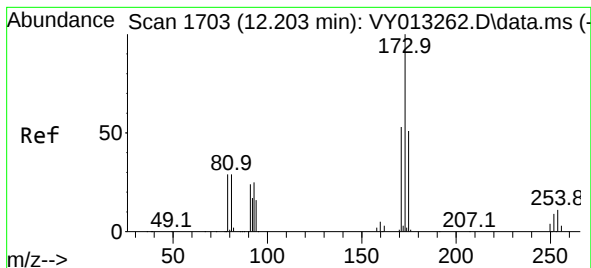
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#70
Styrene
Concen: 53.977 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.006 min
Lab File: VY013328.D
Acq: 14 Apr 2023 18:51

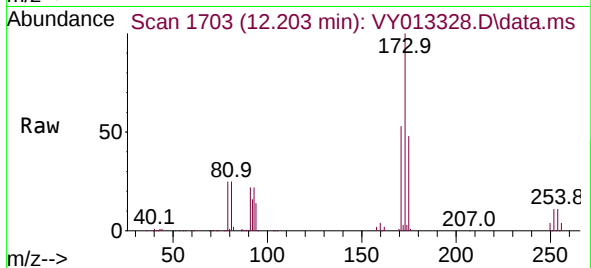
Tgt Ion:104 Resp: 446216
Ion Ratio Lower Upper
104 100
78 50.1 39.2 58.8
103 55.2 43.7 65.5





#71
Bromoform
Concen: 52.865 ug/l
RT: 12.203 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VY013328.D
Acq: 14 Apr 2023 18:51

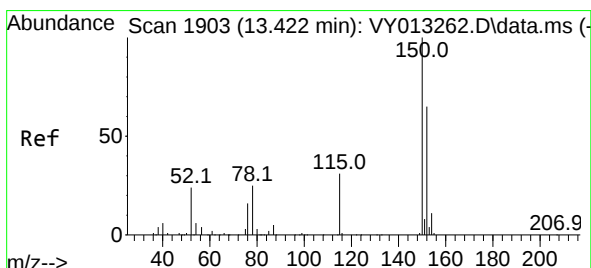
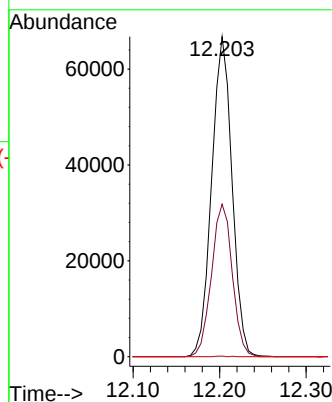
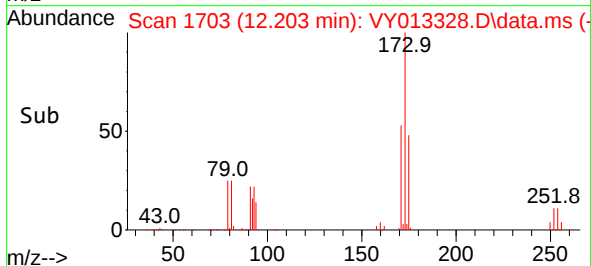
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



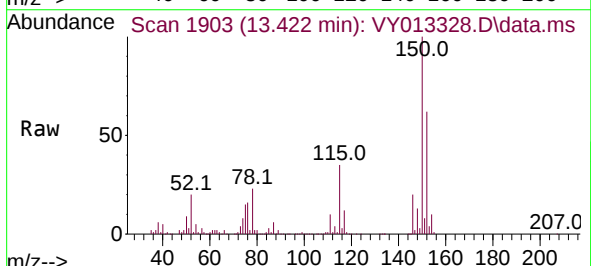
Tgt Ion:173 Resp: 108990
Ion Ratio Lower Upper
173 100
175 48.6 25.0 75.0
254 0.1 0.2 0.2

Manual Integrations
APPROVED

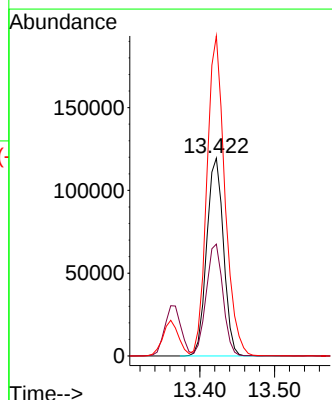
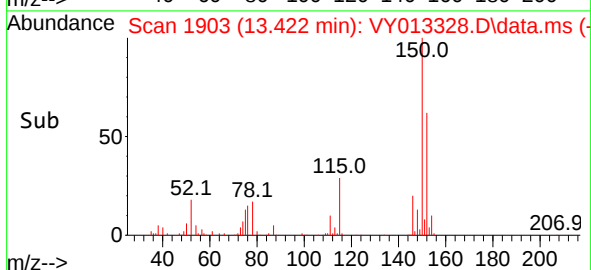
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023

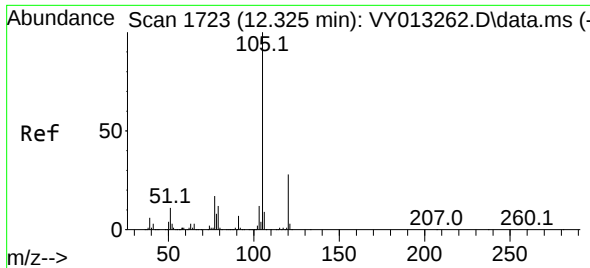


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY013328.D
Acq: 14 Apr 2023 18:51



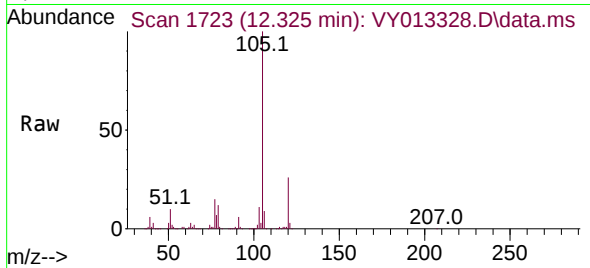
Tgt Ion:152 Resp: 186247
Ion Ratio Lower Upper
152 100
115 56.4 27.1 81.3
150 173.3 0.0 347.8





#73
Isopropylbenzene
Concen: 49.921 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VY013328.D
Acq: 14 Apr 2023 18:51

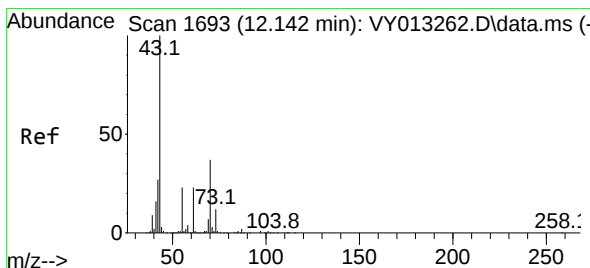
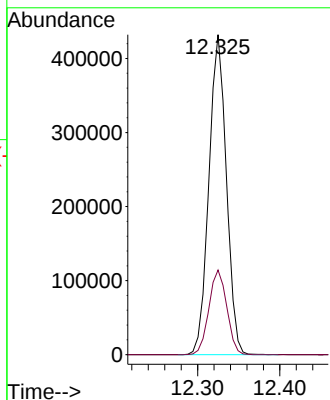
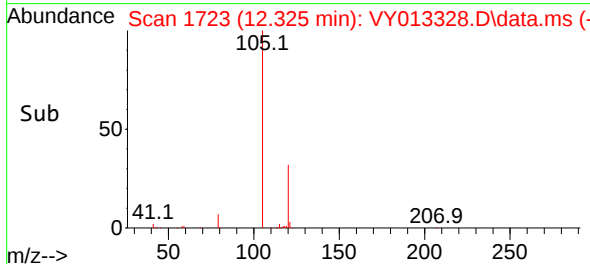
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



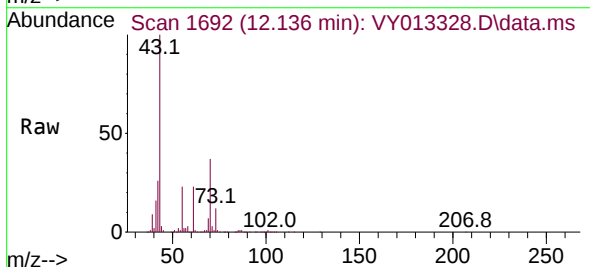
Tgt Ion:105 Resp: 637750
Ion Ratio Lower Upper
105 100
120 27.0 13.4 40.2

Manual Integrations
APPROVED

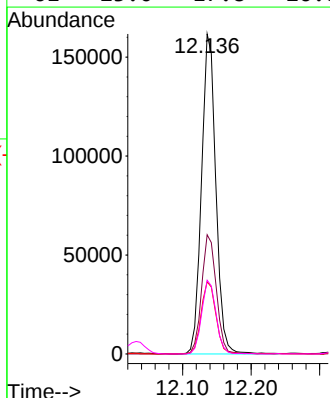
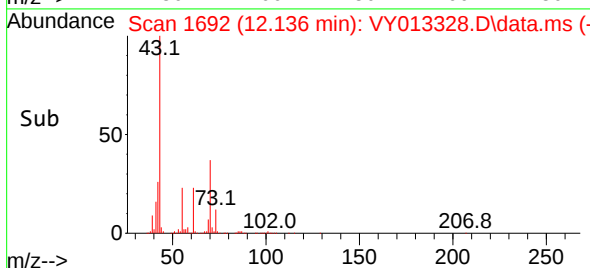
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023

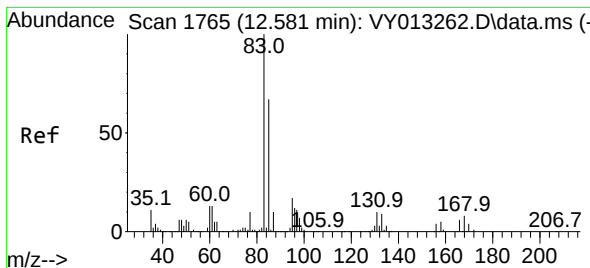


#74
N-ethyl acetate
Concen: 51.723 ug/l
RT: 12.136 min Scan# 1692
Delta R.T. -0.006 min
Lab File: VY013328.D
Acq: 14 Apr 2023 18:51



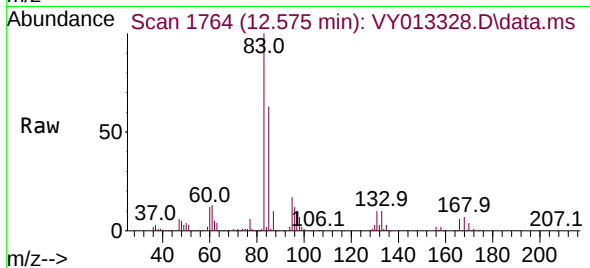
Tgt Ion: 43 Resp: 235741
Ion Ratio Lower Upper
43 100
70 38.1 31.6 47.4
55 23.2 18.8 28.2
61 23.0 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 51.883 ug/l
RT: 12.575 min Scan# 1764
Delta R.T. -0.006 min
Lab File: VY013328.D
Acq: 14 Apr 2023 18:51

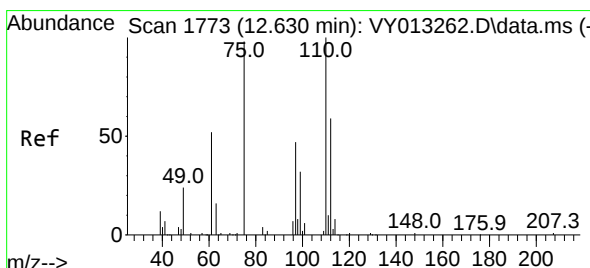
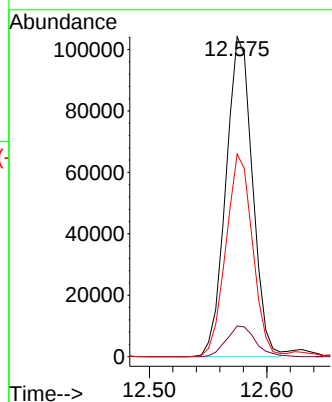
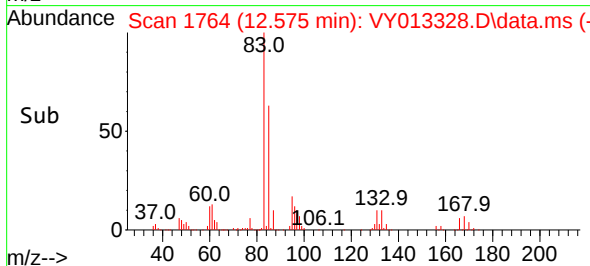
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 16374
Ion Ratio Lower Upper
83 100
131 10.5 5.1 15.2
85 63.8 31.8 95.3

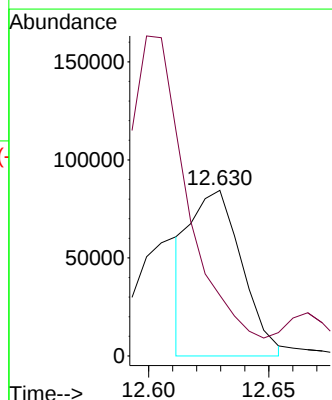
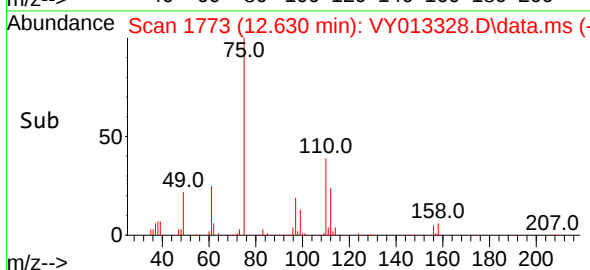
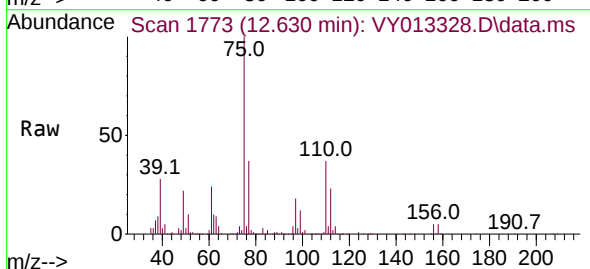
Manual Integrations
APPROVED

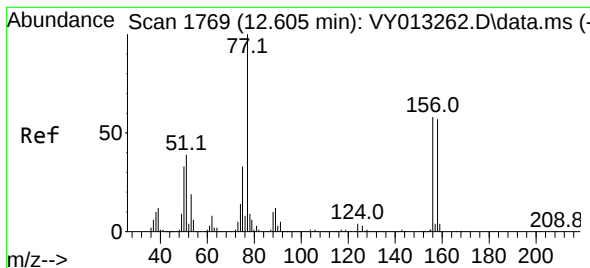
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#76
1,2,3-Trichloropropane
Concen: 54.505 ug/l m
RT: 12.630 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY013328.D
Acq: 14 Apr 2023 18:51

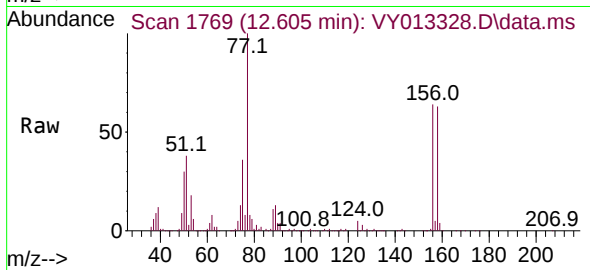
Tgt Ion: 75 Resp: 126495
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 51.072 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY013328.D
Acq: 14 Apr 2023 18:51

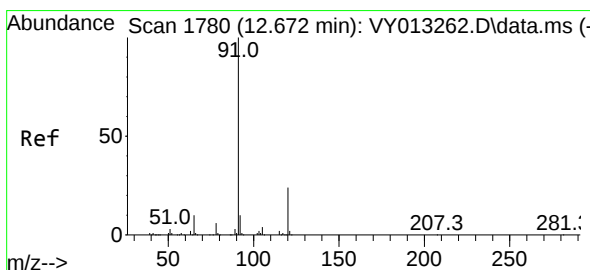
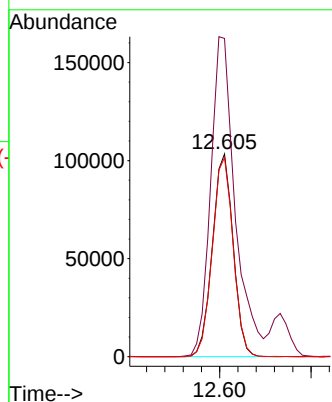
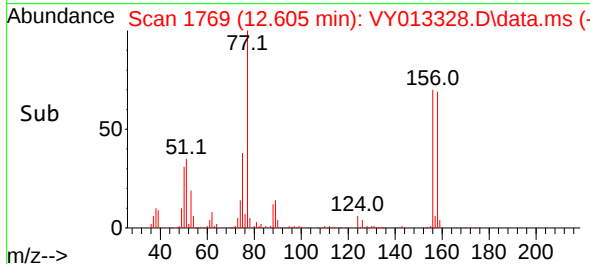
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



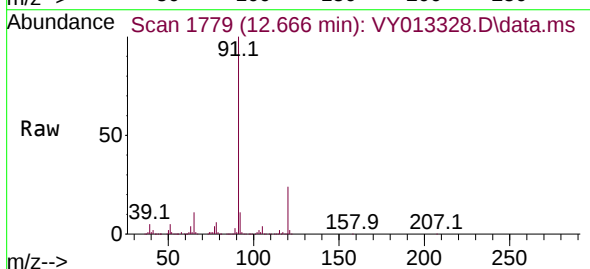
Tgt Ion:156 Resp: 163160
Ion Ratio Lower Upper
156 100
77 185.9 94.0 282.1
158 98.4 48.1 144.4

Manual Integrations
APPROVED

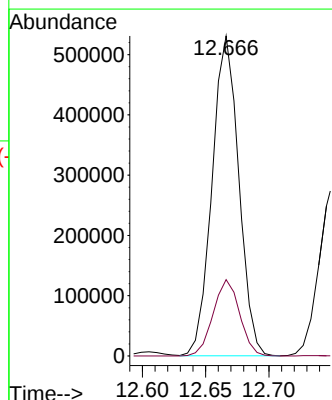
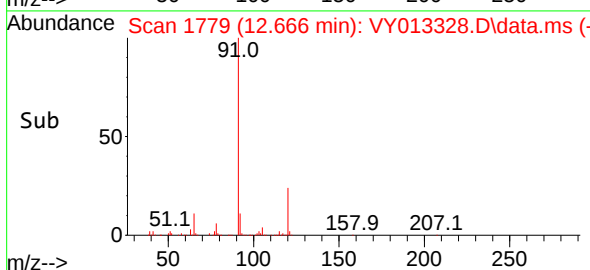
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023

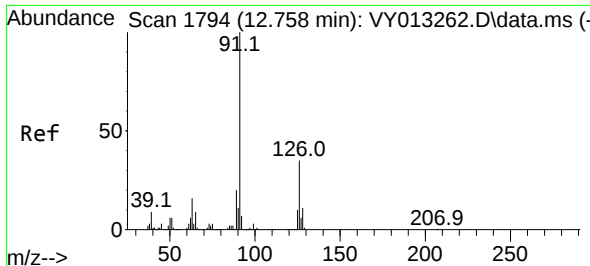


#78
n-propylbenzene
Concen: 49.403 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.006 min
Lab File: VY013328.D
Acq: 14 Apr 2023 18:51



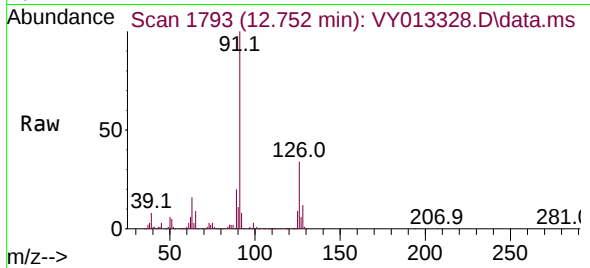
Tgt Ion: 91 Resp: 779472
Ion Ratio Lower Upper
91 100
120 23.6 11.6 34.8





#79
2-Chlorotoluene
Concen: 49.711 ug/l
RT: 12.752 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VY013328.D
Acq: 14 Apr 2023 18:51

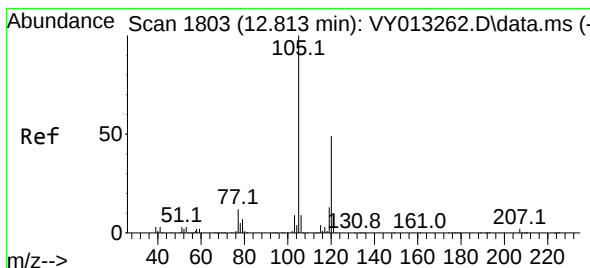
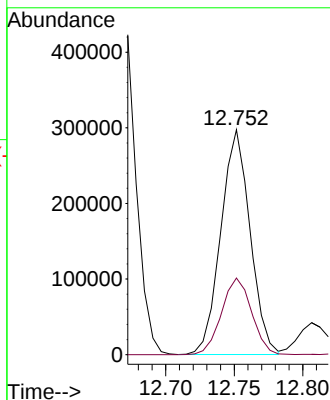
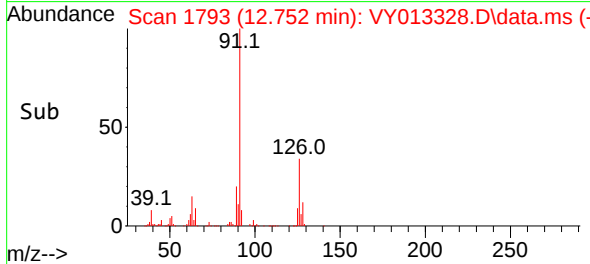
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



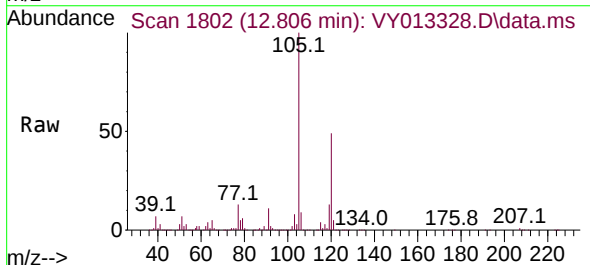
Tgt Ion: 91 Resp: 44150
Ion Ratio Lower Upper
91 100
126 35.1 17.4 52.2

Manual Integrations
APPROVED

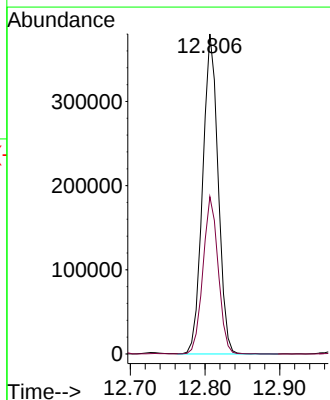
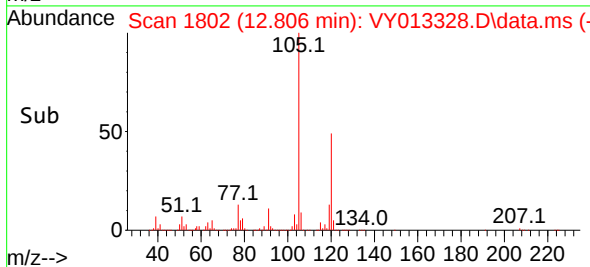
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023

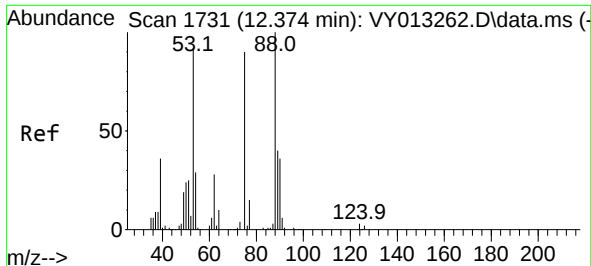


#80
1,3,5-Trimethylbenzene
Concen: 50.832 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY013328.D
Acq: 14 Apr 2023 18:51



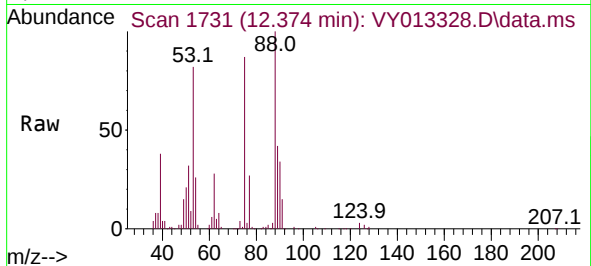
Tgt Ion:105 Resp: 543944
Ion Ratio Lower Upper
105 100
120 48.5 24.8 74.4





#81
trans-1,4-Dichloro-2-butene
Concen: 50.594 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. -0.000 min
Lab File: VY013328.D
Acq: 14 Apr 2023 18:51

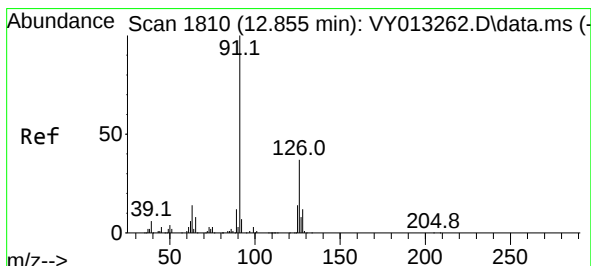
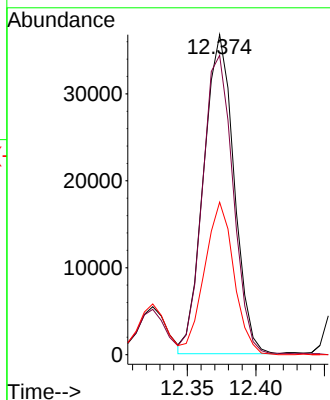
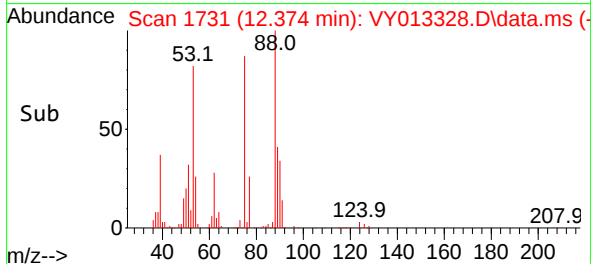
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 5657
Ion Ratio Lower Upper
75 100
53 95.2 73.4 110.0
89 46.6 36.6 55.0

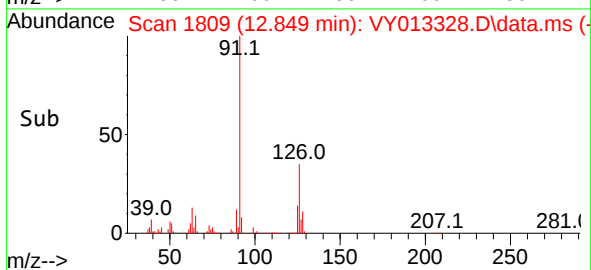
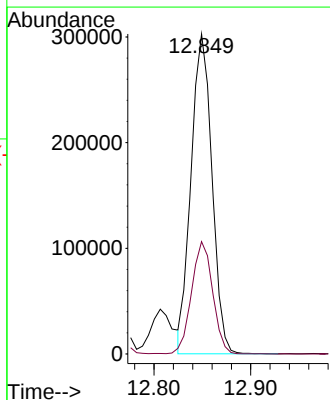
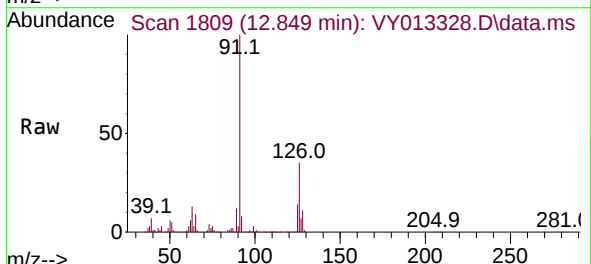
Manual Integrations
APPROVED

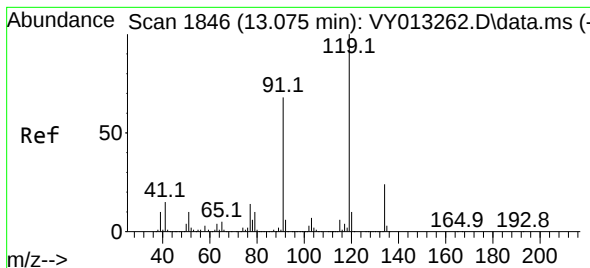
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#82
4-Chlorotoluene
Concen: 48.509 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY013328.D
Acq: 14 Apr 2023 18:51

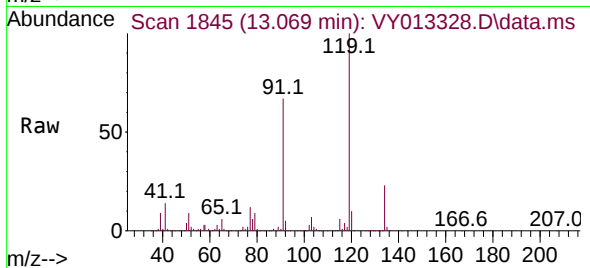
Tgt Ion: 91 Resp: 454191
Ion Ratio Lower Upper
91 100
126 35.5 17.7 53.1





#83
tert-Butylbenzene
Concen: 50.922 ug/l
RT: 13.069 min Scan# 1845
Delta R.T. -0.006 min
Lab File: VY013328.D
Acq: 14 Apr 2023 18:51

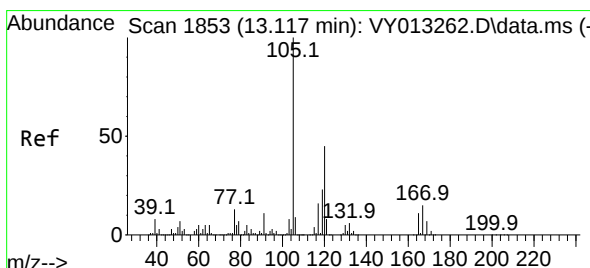
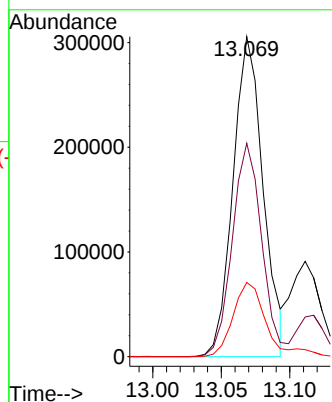
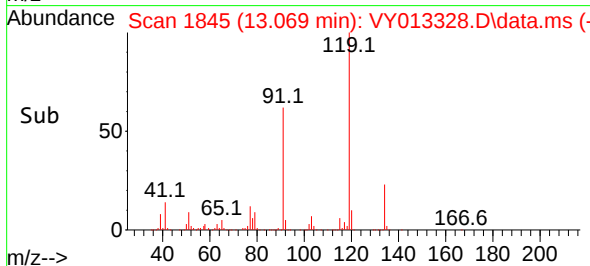
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



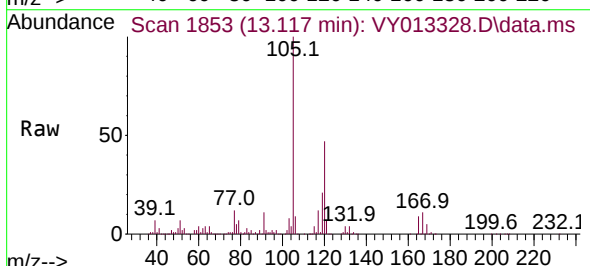
Tgt Ion:119 Resp: 467568
Ion Ratio Lower Upper
119 100
91 65.6 32.8 98.3
134 25.7 13.6 40.8

Manual Integrations
APPROVED

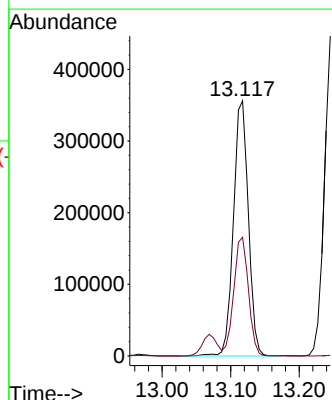
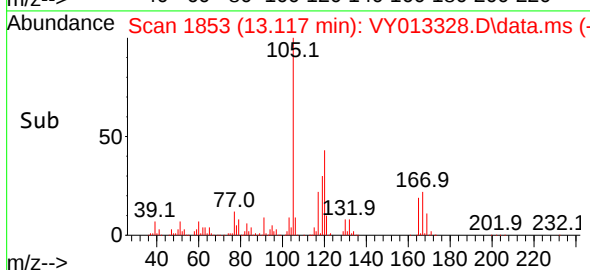
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023

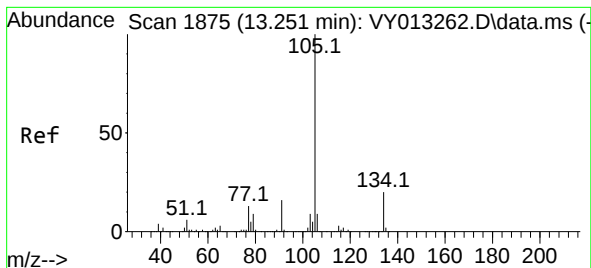


#84
1,2,4-Trimethylbenzene
Concen: 51.574 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VY013328.D
Acq: 14 Apr 2023 18:51



Tgt Ion:105 Resp: 537117
Ion Ratio Lower Upper
105 100
120 45.9 23.0 69.0





#85

sec-Butylbenzene

Concen: 50.152 ug/l

RT: 13.245 min Scan# 1874

Delta R.T. -0.006 min

Lab File: VY013328.D

Acq: 14 Apr 2023 18:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 68864

Ion Ratio Lower Upper

105 100

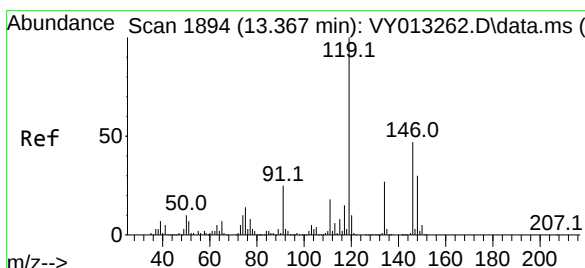
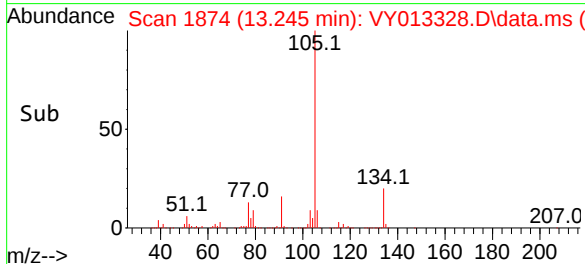
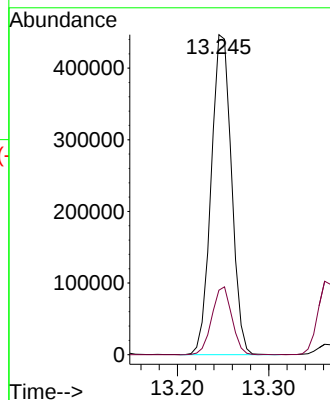
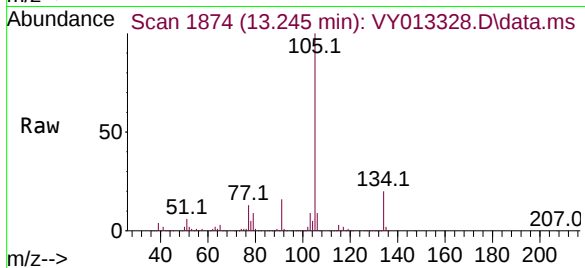
134 20.8 10.4 31.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2023

Supervised By :Mahesh Dadoda 04/17/2023



#86

p-Isopropyltoluene

Concen: 51.683 ug/l

RT: 13.361 min Scan# 1893

Delta R.T. -0.006 min

Lab File: VY013328.D

Acq: 14 Apr 2023 18:51

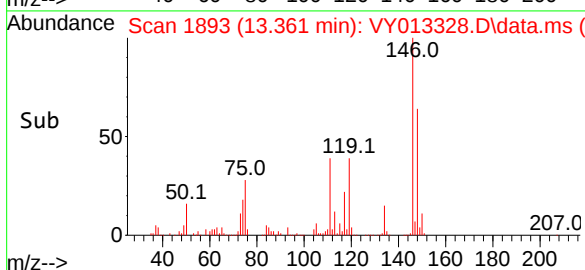
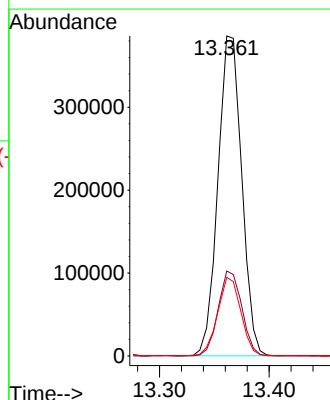
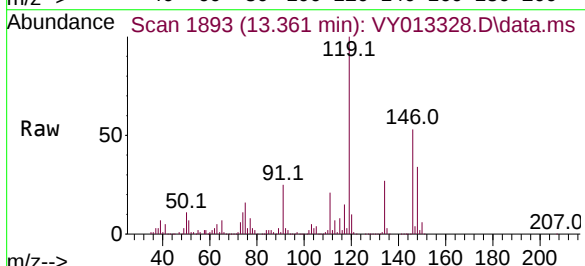
Tgt Ion:119 Resp: 582336

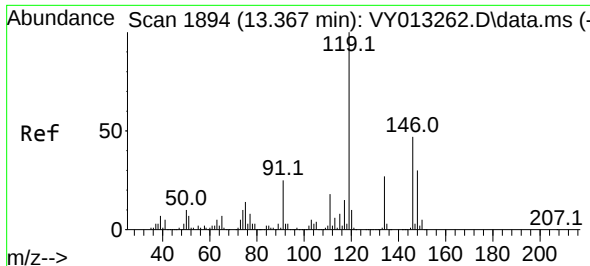
Ion Ratio Lower Upper

119 100

134 26.3 13.2 39.6

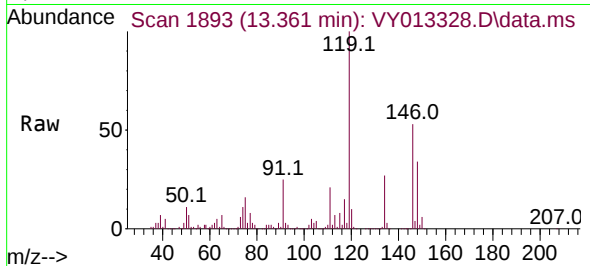
91 24.3 11.8 35.3





#87
1,3-Dichlorobenzene
Concen: 50.205 ug/l
RT: 13.361 min Scan# 1894
Delta R.T. -0.006 min
Lab File: VY013328.D
Acq: 14 Apr 2023 18:51

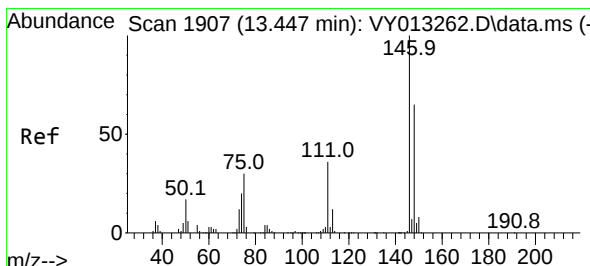
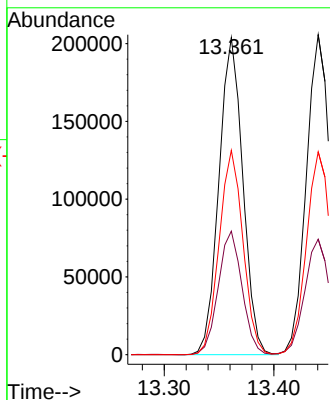
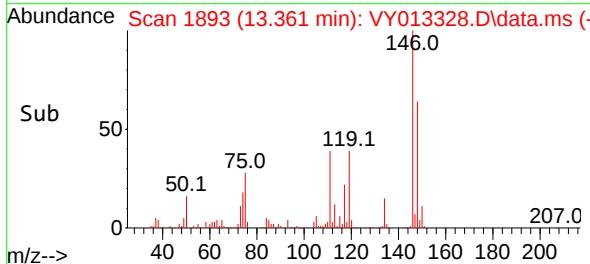
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



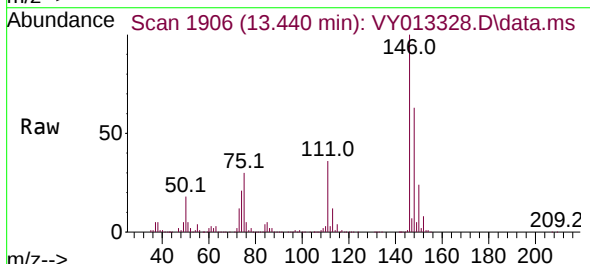
Tgt Ion:146 Resp: 309179
Ion Ratio Lower Upper
146 100
111 38.7 19.1 57.5
148 64.2 31.8 95.3

Manual Integrations
APPROVED

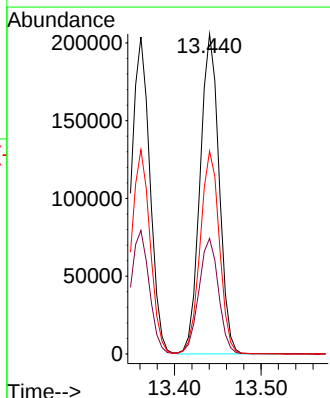
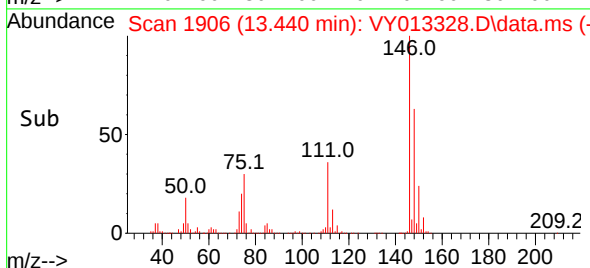
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023

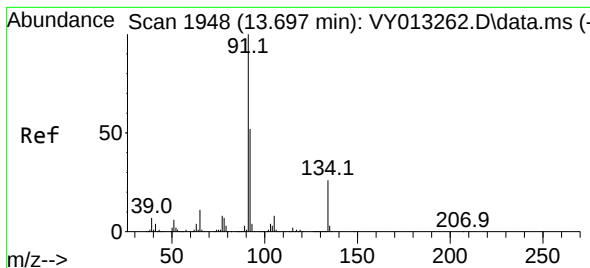


#88
1,4-Dichlorobenzene
Concen: 50.354 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY013328.D
Acq: 14 Apr 2023 18:51



Tgt Ion:146 Resp: 313366
Ion Ratio Lower Upper
146 100
111 37.2 18.6 55.8
148 64.1 31.5 94.5





#89

n-Butylbenzene

Concen: 49.749 ug/l

RT: 13.690 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY013328.D

Acq: 14 Apr 2023 18:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

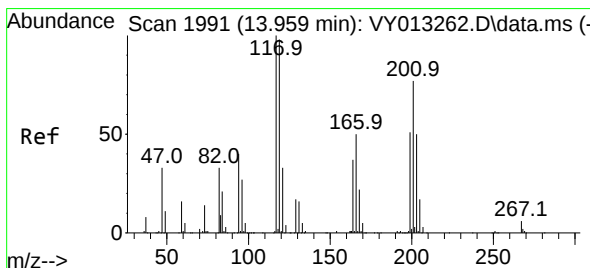
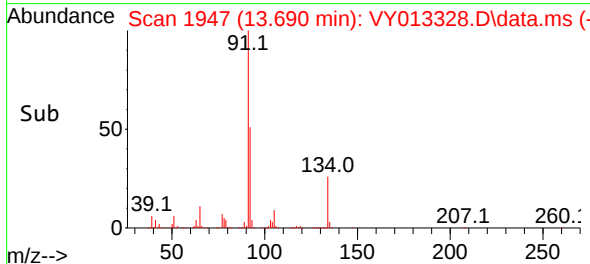
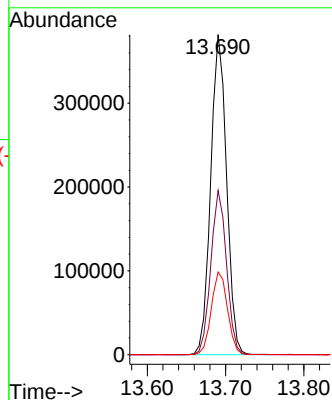
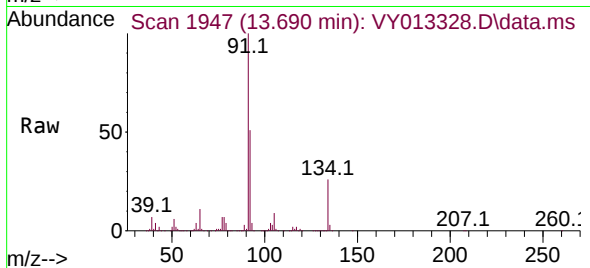
Tgt Ion: 91 Resp: 536128
 Ion Ratio Lower Upper
 91 100
 92 51.0 26.4 79.0
 134 26.4 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2023

Supervised By :Mahesh Dadoda 04/17/2023



#90

Hexachloroethane

Concen: 49.228 ug/l

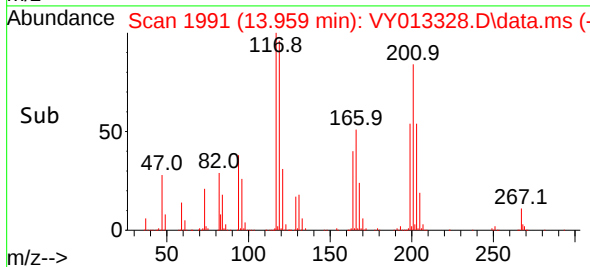
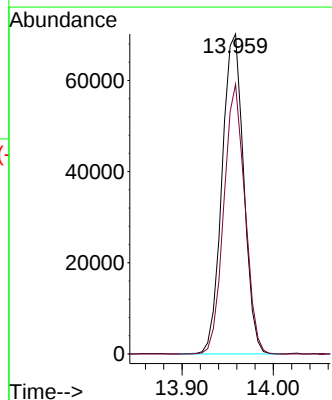
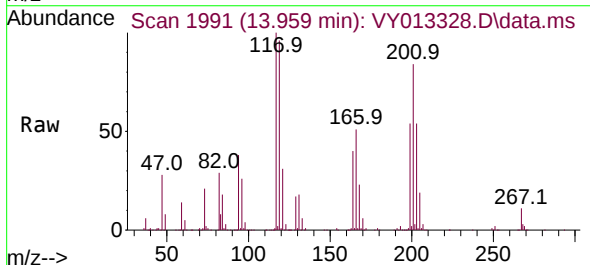
RT: 13.959 min Scan# 1991

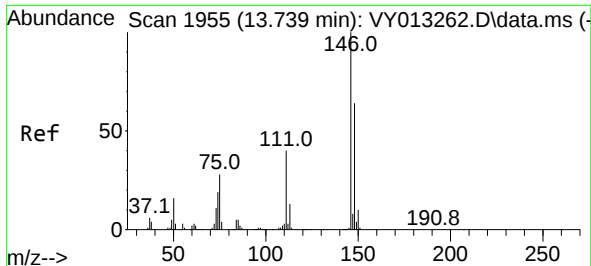
Delta R.T. -0.000 min

Lab File: VY013328.D

Acq: 14 Apr 2023 18:51

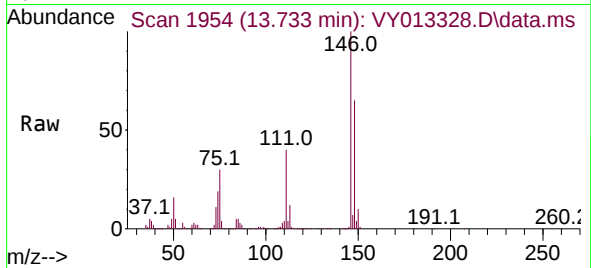
Tgt Ion:117 Resp: 115653
 Ion Ratio Lower Upper
 117 100
 201 81.9 39.4 118.1





#91
1,2-Dichlorobenzene
Concen: 51.420 ug/l
RT: 13.733 min Scan# 1955
Delta R.T. -0.006 min
Lab File: VY013328.D
Acq: 14 Apr 2023 18:51

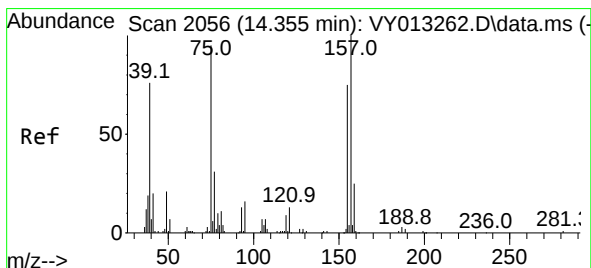
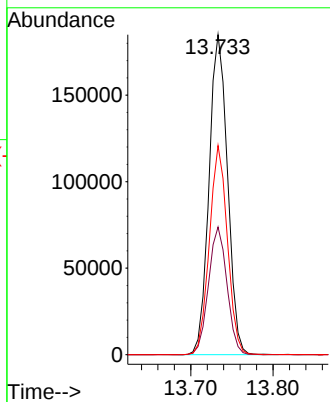
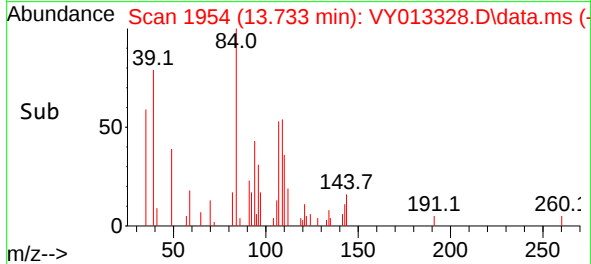
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



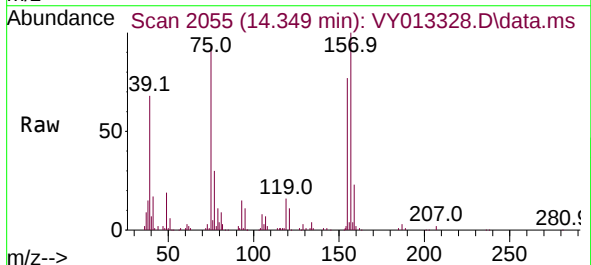
Tgt Ion:146 Resp: 28814
Ion Ratio Lower Upper
146 100
111 39.9 19.7 59.1
148 63.8 31.9 95.5

Manual Integrations
APPROVED

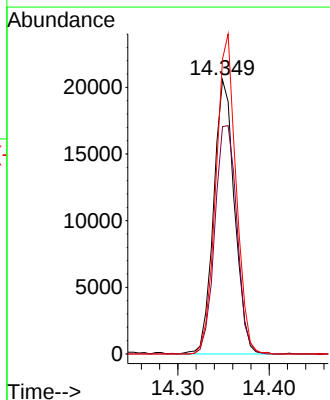
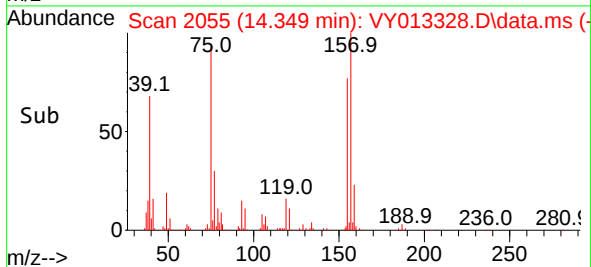
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023

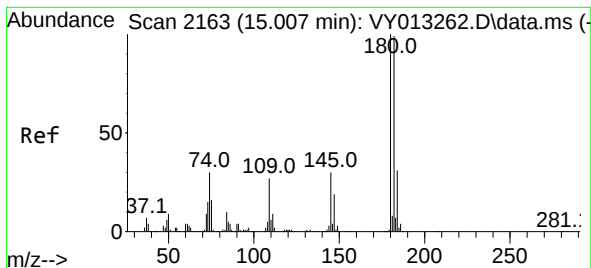


#92
1,2-Dibromo-3-Chloropropane
Concen: 57.102 ug/l
RT: 14.349 min Scan# 2055
Delta R.T. -0.006 min
Lab File: VY013328.D
Acq: 14 Apr 2023 18:51



Tgt Ion: 75 Resp: 32726
Ion Ratio Lower Upper
75 100
155 87.6 43.8 131.4
157 111.9 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 57.532 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. -0.006 min

Lab File: VY013328.D

Acq: 14 Apr 2023 18:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 19161

Ion Ratio Lower Upper

180 100

182 95.4 46.7 140.1

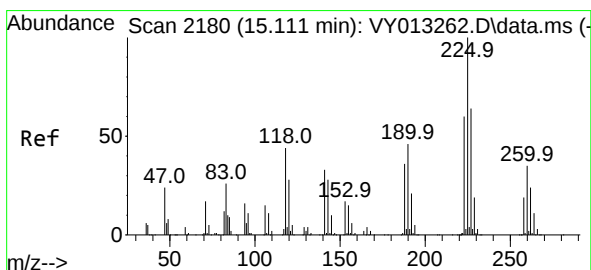
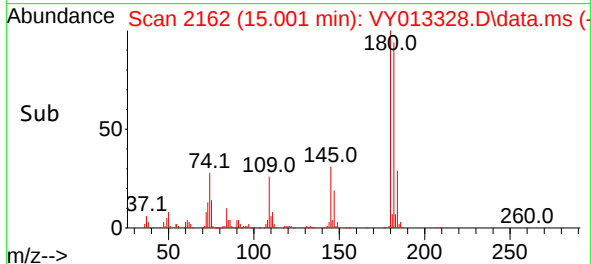
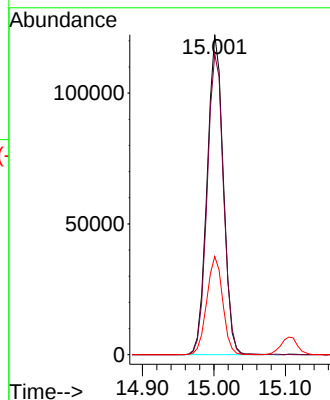
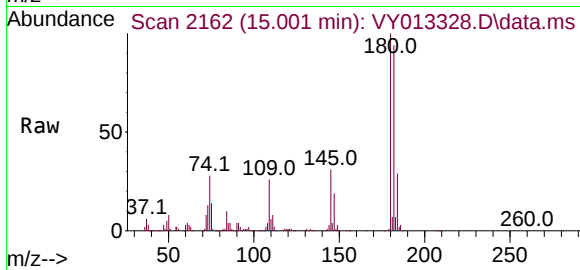
145 30.3 14.6 43.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2023

Supervised By :Mahesh Dadoda 04/17/2023



#94

Hexachlorobutadiene

Concen: 56.453 ug/l

RT: 15.105 min Scan# 2179

Delta R.T. -0.006 min

Lab File: VY013328.D

Acq: 14 Apr 2023 18:51

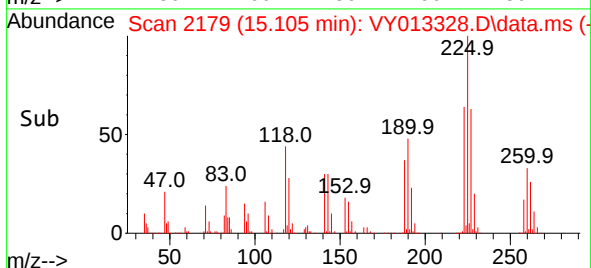
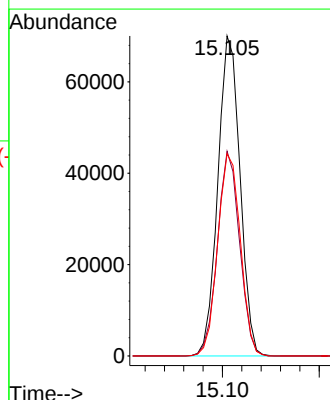
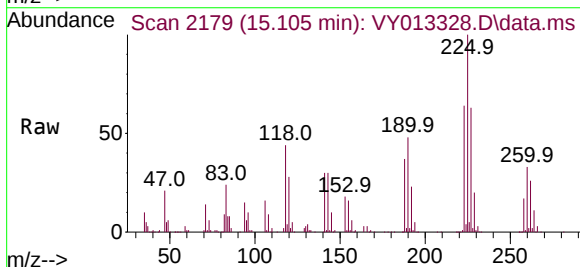
Tgt Ion:225 Resp: 111337

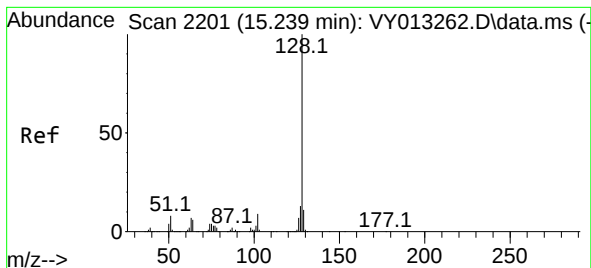
Ion Ratio Lower Upper

225 100

223 63.7 31.1 93.3

227 64.7 32.4 97.0





#95

Naphthalene

Concen: 55.414 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY013328.D

Acq: 14 Apr 2023 18:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:128 Resp: 455580

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

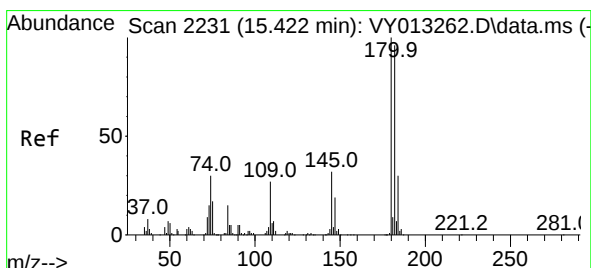
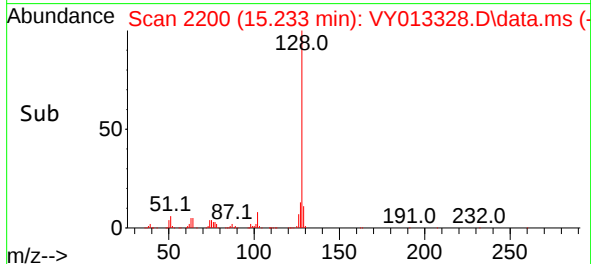
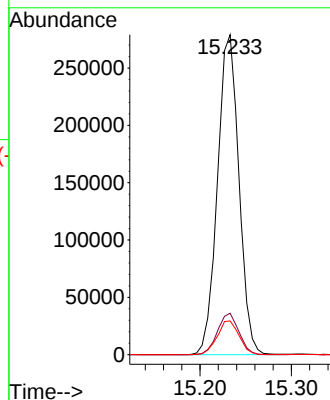
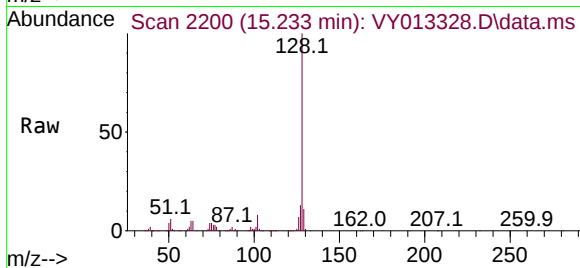
129 10.8 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2023

Supervised By :Mahesh Dadoda 04/17/2023



#96

1,2,3-Trichlorobenzene

Concen: 58.888 ug/l

RT: 15.416 min Scan# 2230

Delta R.T. -0.006 min

Lab File: VY013328.D

Acq: 14 Apr 2023 18:51

Tgt Ion:180 Resp: 178686

Ion Ratio Lower Upper

180 100

182 94.5 47.4 142.3

145 31.2 15.3 45.8

