

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072723\
 Data File : VY014871.D
 Acq On : 27 Jul 2023 10:45
 Operator : SY/MD
 Sample : VY0727SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0727SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/28/2023
 Supervised By : Mahesh Dadoda 07/28/2023

Quant Time: Jul 28 02:36:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	203333	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	346781	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	310358	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	158382	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	116752	50.388	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.780%			
35) Dibromofluoromethane	7.710	113	106456	48.224	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 96.440%			
50) Toluene-d8	10.173	98	377200	46.347	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 92.700%			
62) 4-Bromofluorobenzene	12.477	95	142244	45.581	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 91.160%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	31840	19.220	ug/l	100
3) Chloromethane	2.107	50	42025	22.568	ug/l	95
4) Vinyl Chloride	2.247	62	48393	23.253	ug/l	98
5) Bromomethane	2.619	94	36006	26.180	ug/l	99
6) Chloroethane	2.778	64	31388	24.145	ug/l	100
7) Trichlorofluoromethane	3.113	101	68523	19.604	ug/l	95
8) Diethyl Ether	3.521	74	25050	19.262	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.887	101	39381	18.382	ug/l	96
10) Methyl Iodide	4.076	142	35376	17.208	ug/l	97
11) Tert butyl alcohol	4.936	59	65337	126.013	ug/l #	92
12) 1,1-Dichloroethene	3.857	96	36361	18.160	ug/l	88
13) Acrolein	3.723	56	22130	91.379	ug/l	97
14) Allyl chloride	4.466	41	59455	16.723	ug/l	97
15) Acrylonitrile	5.149	53	74825	104.338	ug/l	98
16) Acetone	3.942	43	76118	103.668	ug/l	91
17) Carbon Disulfide	4.180	76	97238	16.962	ug/l	95
18) Methyl Acetate	4.466	43	60711	21.546	ug/l	94
19) Methyl tert-butyl Ether	5.216	73	126876	19.507	ug/l	96
20) Methylene Chloride	4.710	84	58333	22.099	ug/l	87
21) trans-1,2-Dichloroethene	5.204	96	42105	18.530	ug/l	92
22) Diisopropyl ether	6.112	45	131488	18.191	ug/l	92
23) Vinyl Acetate	6.051	43	399840	92.438	ug/l	96
24) 1,1-Dichloroethane	6.009	63	76107	18.402	ug/l	95
25) 2-Butanone	6.978	43	111227	103.544	ug/l	94
26) 2,2-Dichloropropane	6.972	77	70908	17.989	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	50634	19.144	ug/l	96
28) Bromochloromethane	7.326	49	36992	20.768	ug/l	96
29) Tetrahydrofuran	7.338	42	69424	104.958	ug/l	90
30) Chloroform	7.496	83	82269	19.290	ug/l	98
31) Cyclohexane	7.777	56	65759	17.097	ug/l	91
32) 1,1,1-Trichloroethane	7.691	97	71538	18.637	ug/l	99
36) 1,1-Dichloropropene	7.911	75	57801	17.509	ug/l	99
37) Ethyl Acetate	7.069	43	44755	19.691	ug/l #	94
38) Carbon Tetrachloride	7.893	117	61693	17.678	ug/l	99
39) Methylcyclohexane	9.179	83	71433	16.609	ug/l	95
40) Benzene	8.155	78	170594	18.170	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	26379m	22.564	ug/l	
42) 1,2-Dichloroethane	8.228	62	58110	19.544	ug/l	95
43) Isopropyl Acetate	8.270	43	82090	18.960	ug/l	96
44) Trichloroethene	8.935	130	48168	18.336	ug/l	99
45) 1,2-Dichloropropane	9.209	63	44082	17.980	ug/l	96
46) Dibromomethane	9.301	93	28670	19.276	ug/l	96
47) Bromodichloromethane	9.490	83	63718	18.177	ug/l	96
48) Methyl methacrylate	9.289	41	36386	18.676	ug/l	92
49) 1,4-Dioxane	9.295	88	10029	413.533	ug/l #	64
51) 4-Methyl-2-Pentanone	10.069	43	229041	100.753	ug/l	93
52) Toluene	10.240	92	109476	18.222	ug/l	94
53) t-1,3-Dichloropropene	10.459	75	67486	17.600	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	74144	17.781	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	40200	19.404	ug/l	97
56) Ethyl methacrylate	10.508	69	58797	18.587	ug/l	90
57) 1,3-Dichloropropane	10.788	76	67871	18.993	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.776	63	151652	102.892	ug/l	94
59) 2-Hexanone	10.825	43	168875	101.866	ug/l	91
60) Dibromochloromethane	10.977	129	46946	18.482	ug/l	96
61) 1,2-Dibromoethane	11.087	107	39930	19.320	ug/l	100
64) Tetrachloroethene	10.715	164	47347	18.968	ug/l	97
65) Chlorobenzene	11.514	112	120829	18.270	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	45216	18.133	ug/l	98
67) Ethyl Benzene	11.587	91	211442	17.707	ug/l	99
68) m/p-Xylenes	11.697	106	162835	35.724	ug/l	96
69) o-Xylene	12.026	106	79842	17.984	ug/l	98
70) Styrene	12.038	104	135686	18.133	ug/l	98
71) Bromoform	12.203	173	31586	18.687	ug/l #	99
73) Isopropylbenzene	12.325	105	208662	16.826	ug/l	100
74) N-amyl acetate	12.142	43	71905	17.312	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.575	83	50768	17.952	ug/l	97
76) 1,2,3-Trichloropropane	12.629	75	35803m	17.899	ug/l	
77) Bromobenzene	12.605	156	51220	18.094	ug/l	98
78) n-propylbenzene	12.666	91	251955	16.860	ug/l	100
79) 2-Chlorotoluene	12.751	91	142795	16.590	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	174069	16.807	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.373	75	16448	15.921	ug/l	98
82) 4-Chlorotoluene	12.849	91	147922	16.687	ug/l	99
83) tert-Butylbenzene	13.068	119	157161	17.106	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	176748	17.389	ug/l	99
85) sec-Butylbenzene	13.251	105	230481	17.102	ug/l	99
86) p-Isopropyltoluene	13.367	119	189930	17.261	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	98143	17.813	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	100588	18.219	ug/l	98
89) n-Butylbenzene	13.690	91	181081	16.915	ug/l	97
90) Hexachloroethane	13.958	117	35700	15.795	ug/l	91
91) 1,2-Dichlorobenzene	13.733	146	91608	18.148	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.349	75	10003	18.495	ug/l	96
93) 1,2,4-Trichlorobenzene	15.001	180	59050	18.428	ug/l	98
94) Hexachlorobutadiene	15.105	225	31204	17.721	ug/l	96
95) Naphthalene	15.233	128	140449	18.814	ug/l	99
96) 1,2,3-Trichlorobenzene	15.416	180	52578	18.463	ug/l	98

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

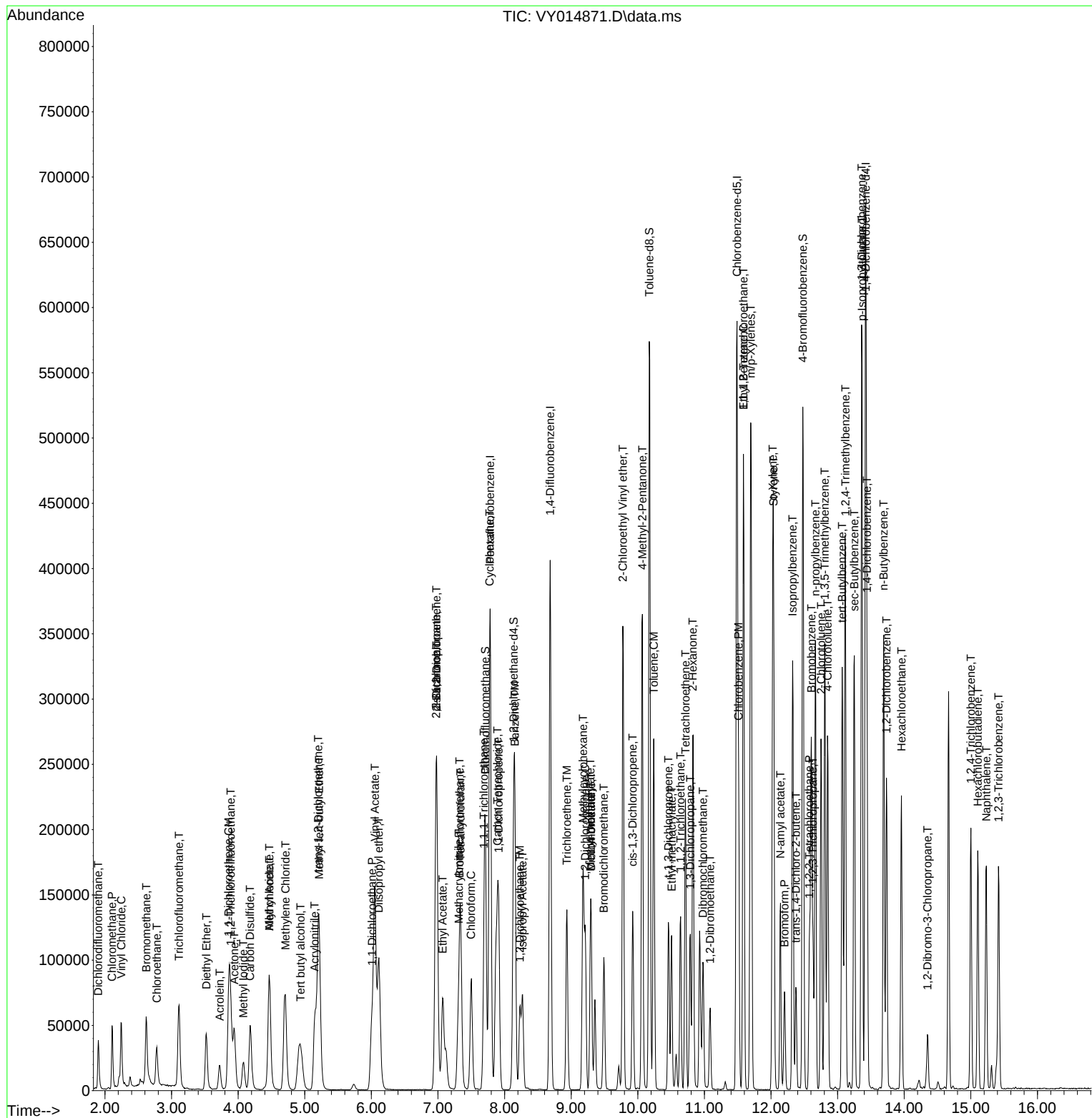
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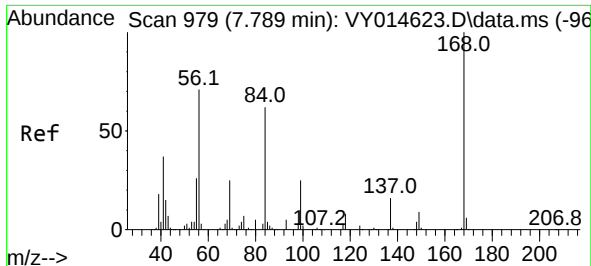
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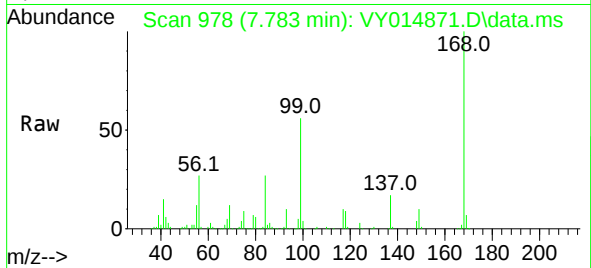
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
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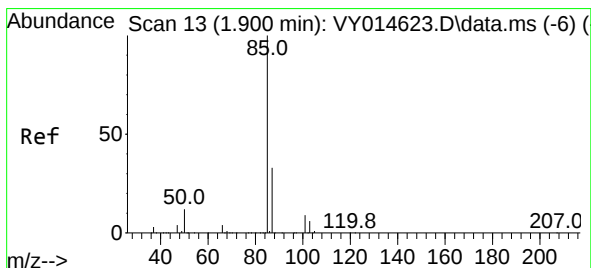
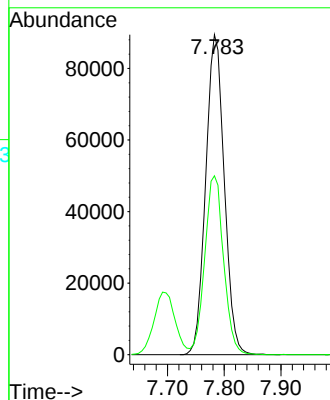
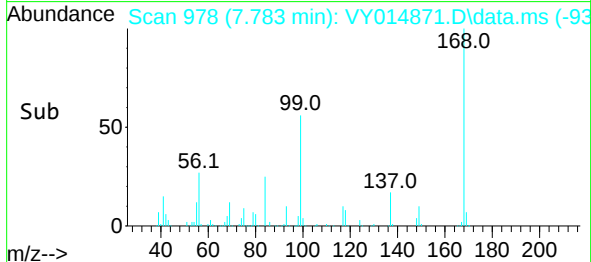
Instrument :
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VY0727SBS01



Tgt Ion:168 Resp: 20333
Ion Ratio Lower Upper
168 100
99 55.9 43.4 65.0

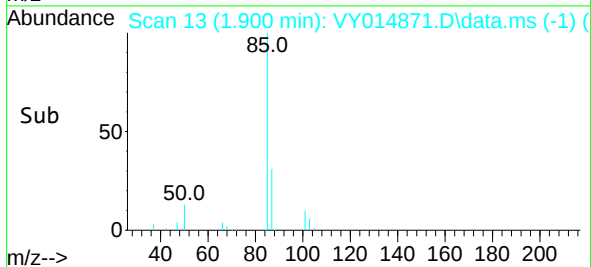
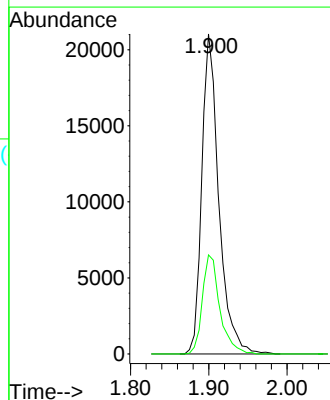
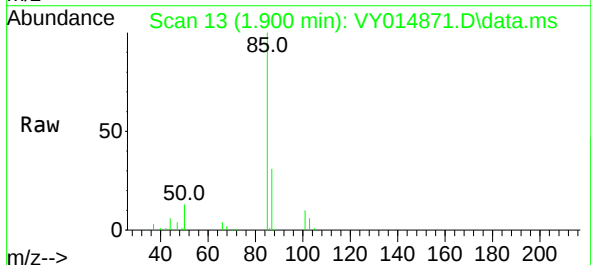
Manual Integrations
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#2
Dichlorodifluoromethane
Concen: 19.220 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY014871.D
Acq: 27 Jul 2023 10:45

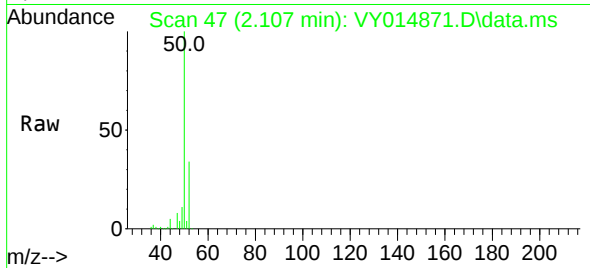
Tgt Ion: 85 Resp: 31840
Ion Ratio Lower Upper
85 100
87 31.0 15.6 46.8





#3
Chloromethane
Concen: 22.568 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY014871.D
Acq: 27 Jul 2023 10:45

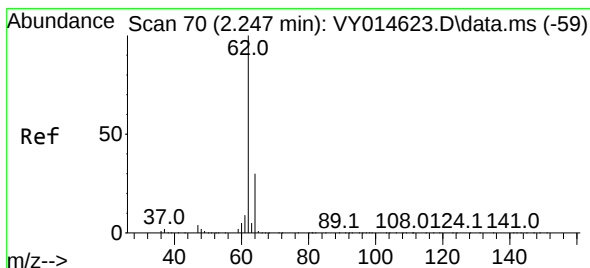
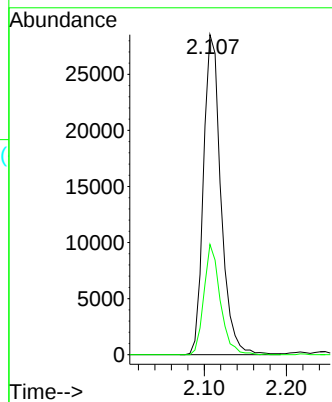
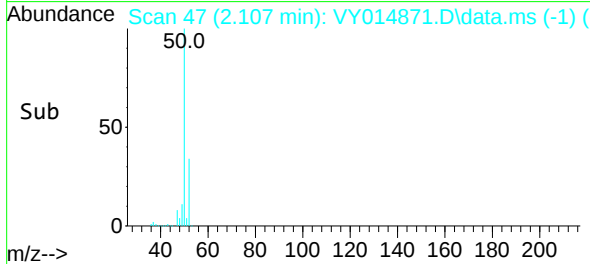
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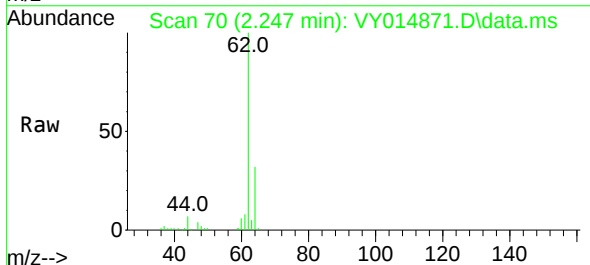
Tgt Ion: 50 Resp: 42025
Ion Ratio Lower Upper
50 100
52 34.5 25.4 38.2

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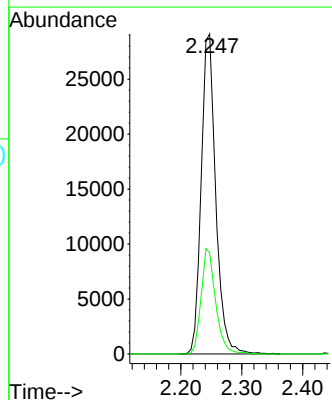
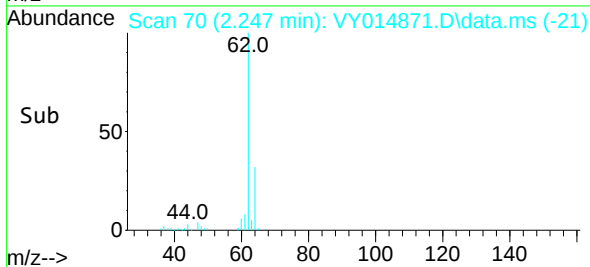
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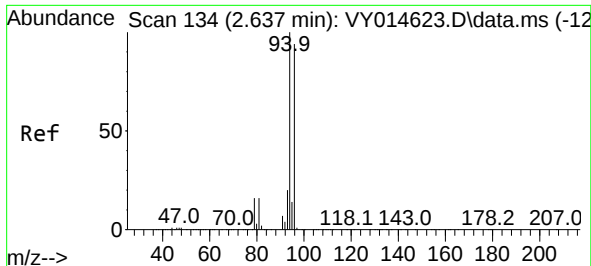


#4
Vinyl Chloride
Concen: 23.253 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY014871.D
Acq: 27 Jul 2023 10:45



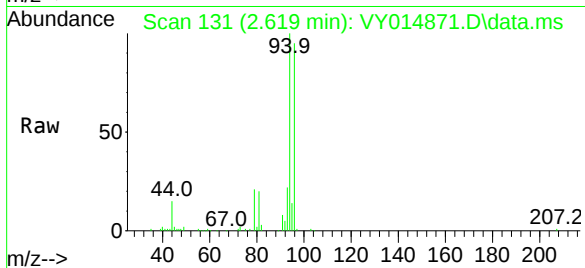
Tgt Ion: 62 Resp: 48393
Ion Ratio Lower Upper
62 100
64 31.6 24.3 36.5





#5
Bromomethane
Concen: 26.180 ug/l
RT: 2.619 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY014871.D
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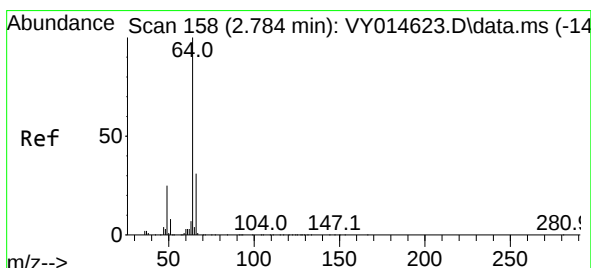
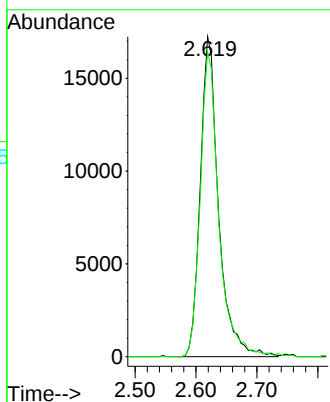
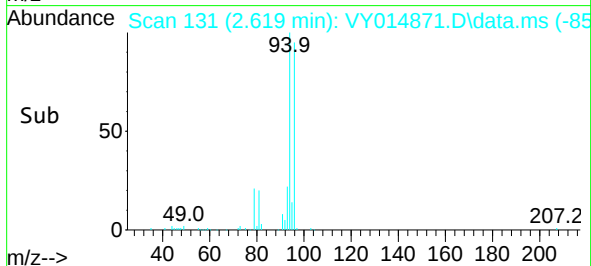
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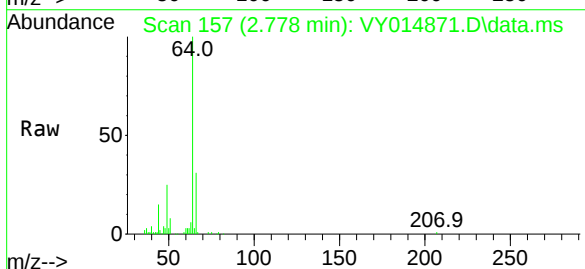
Tgt Ion: 94 Resp: 3600
Ion Ratio Lower Upper
94 100
96 95.3 75.8 113.6

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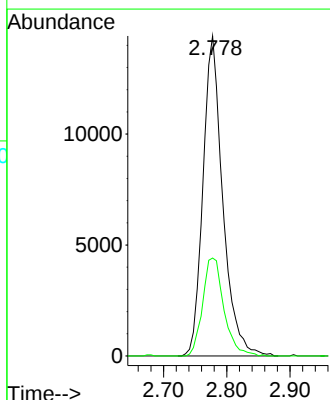
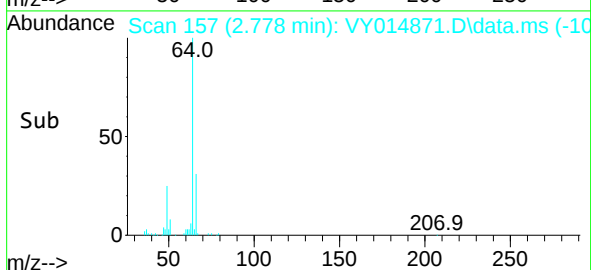
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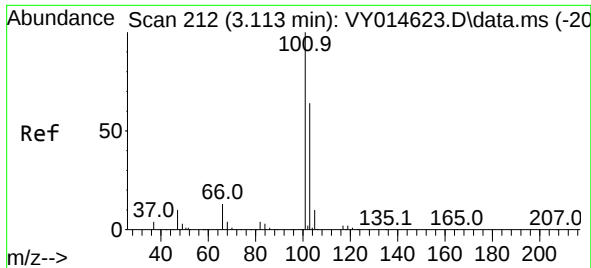


#6
Chloroethane
Concen: 24.145 ug/l
RT: 2.778 min Scan# 157
Delta R.T. -0.006 min
Lab File: VY014871.D
Acq: 27 Jul 2023 10:45



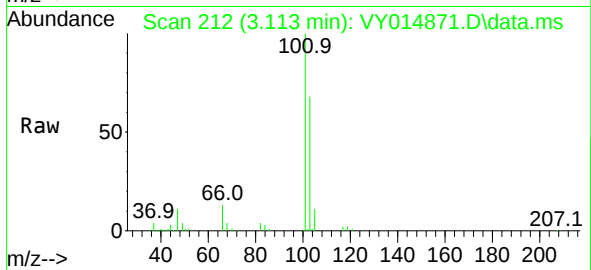
Tgt Ion: 64 Resp: 31388
Ion Ratio Lower Upper
64 100
66 30.6 24.4 36.6





#7
 Trichlorofluoromethane
 Concen: 19.604 ug/l
 RT: 3.113 min Scan# 212
 Delta R.T. -0.000 min
 Lab File: VY014871.D
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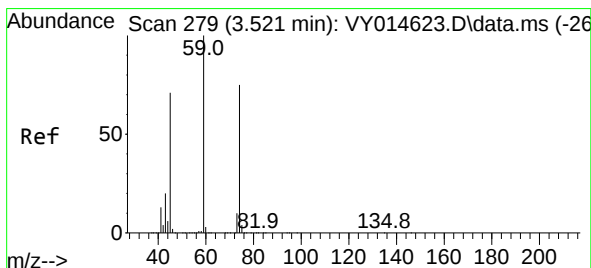
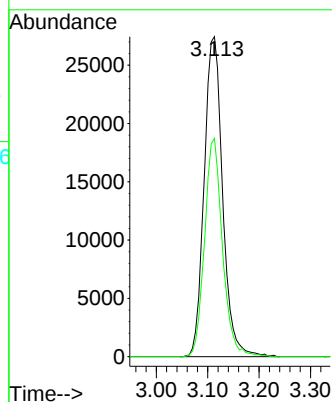
Instrument : MSVOA_Y
 ClientSampleId : VY0727SBS01



Tgt Ion:101 Resp: 6852
 Ion Ratio Lower Upper
 101 100
 103 68.2 51.4 77.0

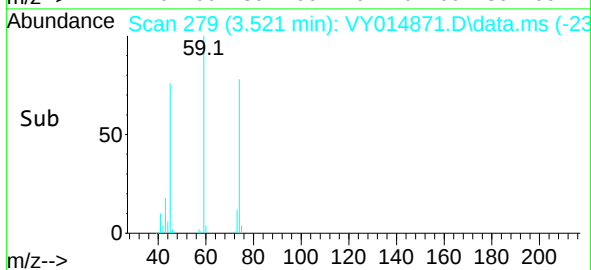
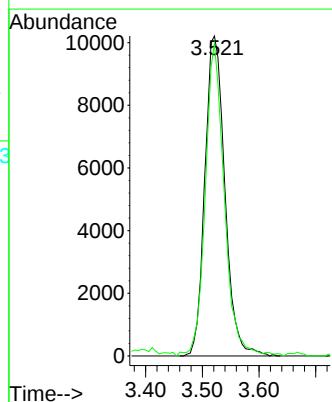
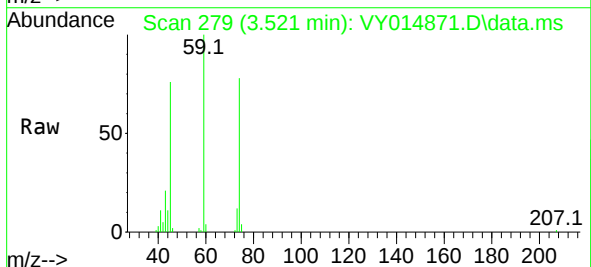
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#8
 Diethyl Ether
 Concen: 19.262 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 25050
 Ion Ratio Lower Upper
 74 100
 45 92.2 51.5 154.5





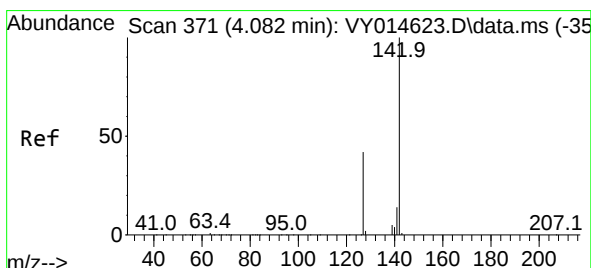
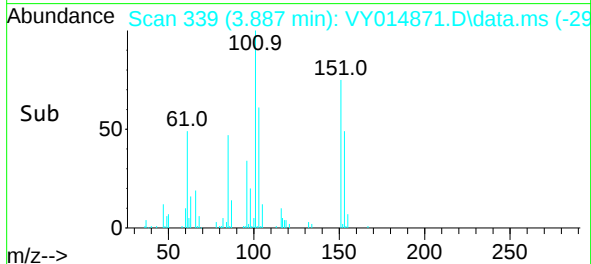
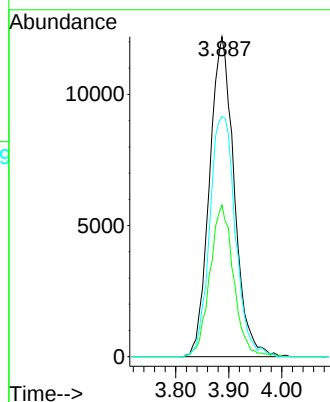
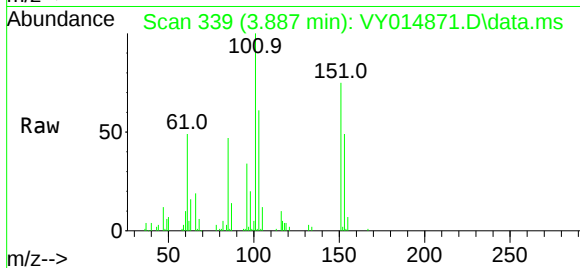
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.382 ug/l
RT: 3.887 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY014871.D
Acq: 27 Jul 2023 10:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBS01

Tgt Ion:101 Resp: 3938
Ion Ratio Lower Upper
101 100
85 45.5 36.6 55.0
151 78.4 67.0 100.6

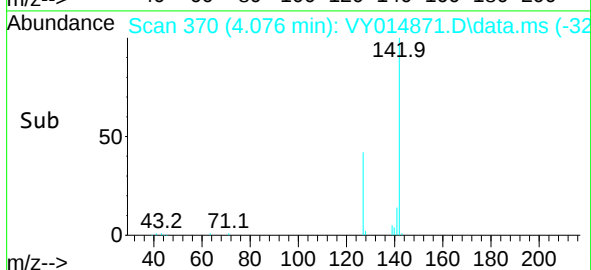
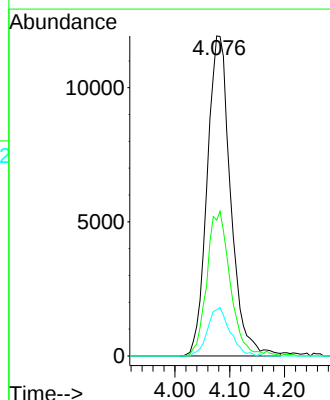
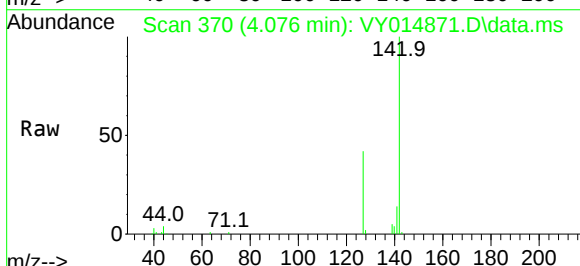
Manual Integrations
APPROVED

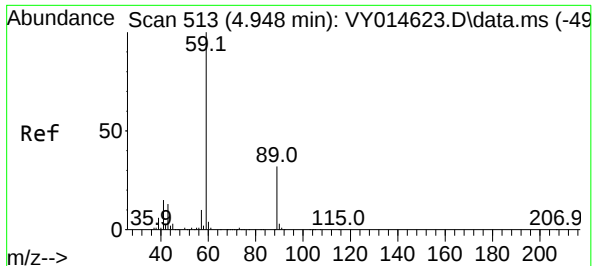
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#10
Methyl Iodide
Concen: 17.208 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.006 min
Lab File: VY014871.D
Acq: 27 Jul 2023 10:45

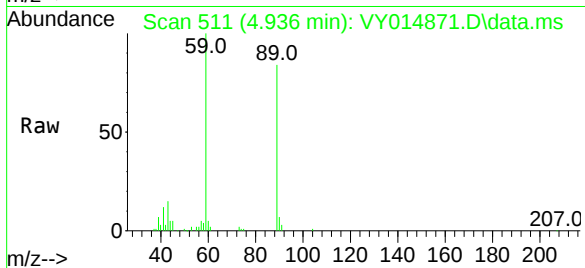
Tgt Ion:142 Resp: 35376
Ion Ratio Lower Upper
142 100
127 44.8 37.6 56.4
141 14.4 11.8 17.8





#11
Tert butyl alcohol
Concen: 126.013 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY014871.D
Acq: 27 Jul 2023 10:45

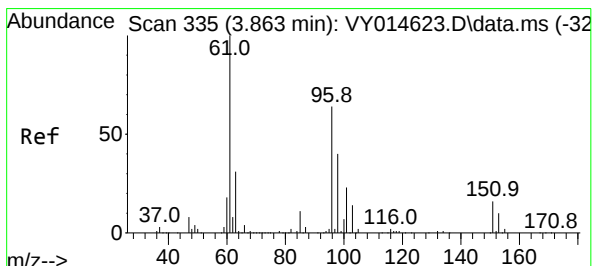
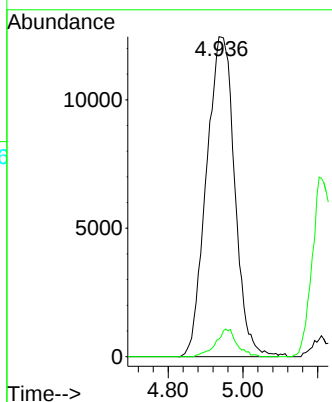
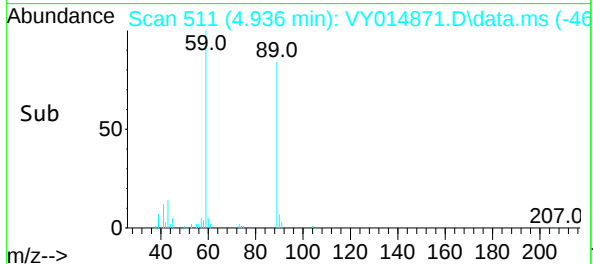
Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBS01



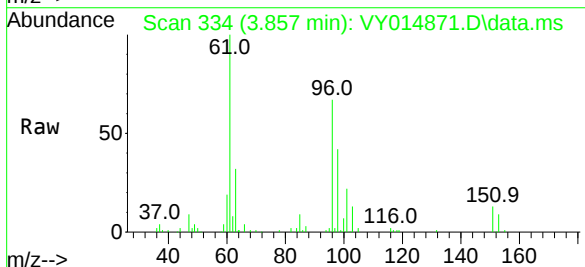
Tgt Ion: 59 Resp: 6533
Ion Ratio Lower Upper
59 100
57 6.5 3.0 4.4

Manual Integrations
APPROVED

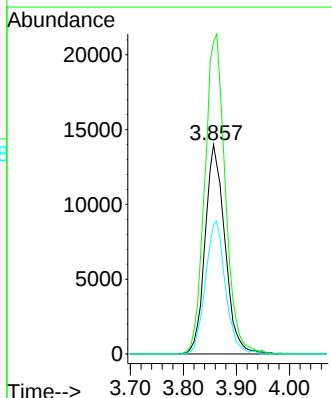
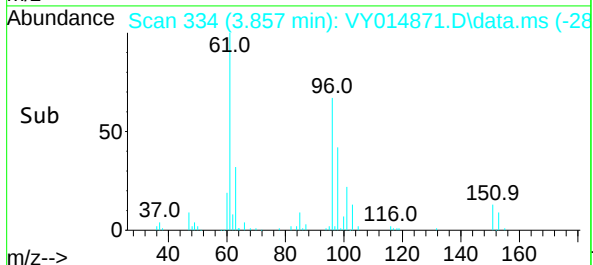
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023

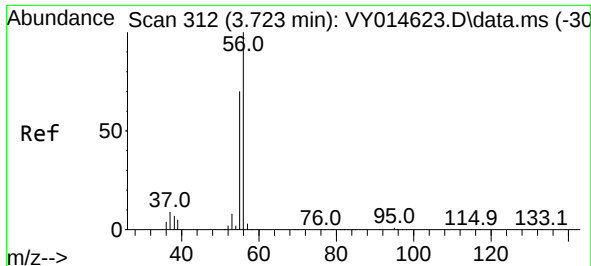


#12
1,1-Dichloroethene
Concen: 18.160 ug/l
RT: 3.857 min Scan# 334
Delta R.T. -0.006 min
Lab File: VY014871.D
Acq: 27 Jul 2023 10:45



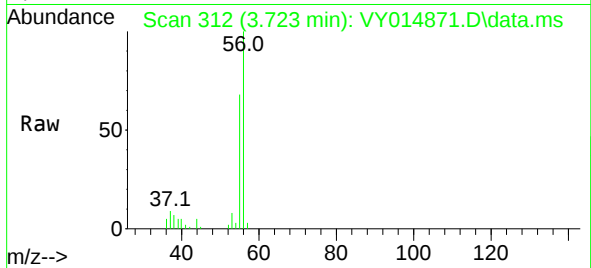
Tgt Ion: 96 Resp: 36361
Ion Ratio Lower Upper
96 100
61 149.0 136.4 204.6
98 61.9 49.4 74.2





#13
Acrolein
Concen: 91.379 ug/l
RT: 3.723 min Scan# 312
Delta R.T. -0.000 min
Lab File: VY014871.D
Acq: 27 Jul 2023 10:45

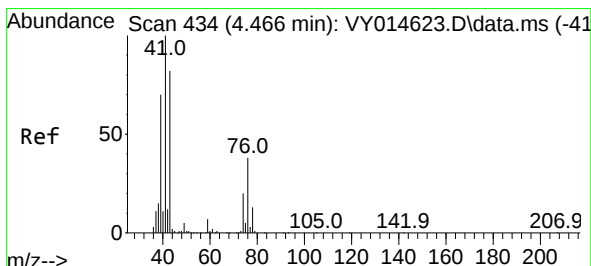
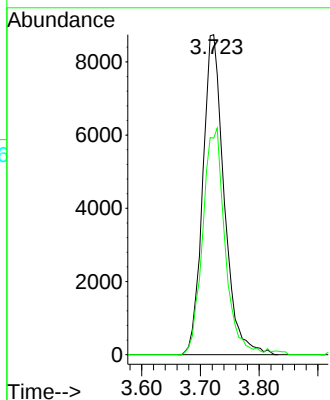
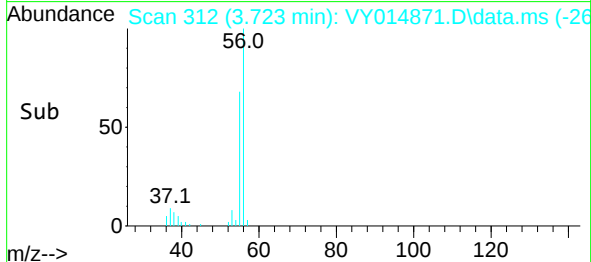
Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBS01



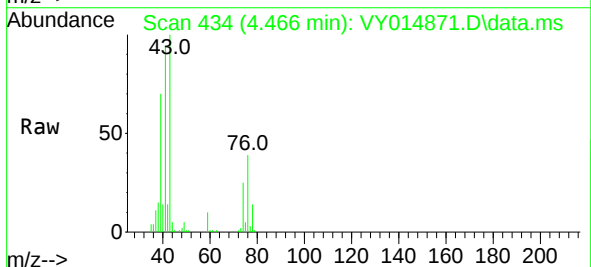
Tgt Ion: 56 Resp: 22130
Ion Ratio Lower Upper
56 100
55 73.4 57.0 85.4

Manual Integrations
APPROVED

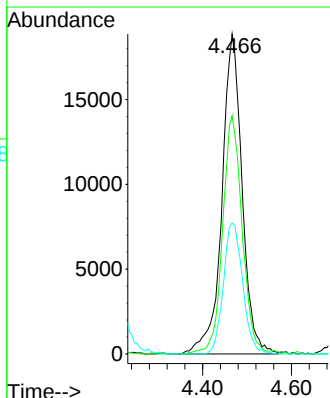
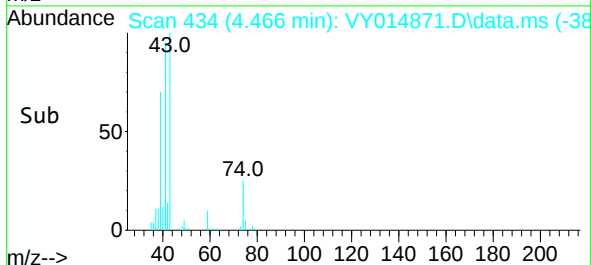
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#14
Allyl chloride
Concen: 16.723 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY014871.D
Acq: 27 Jul 2023 10:45



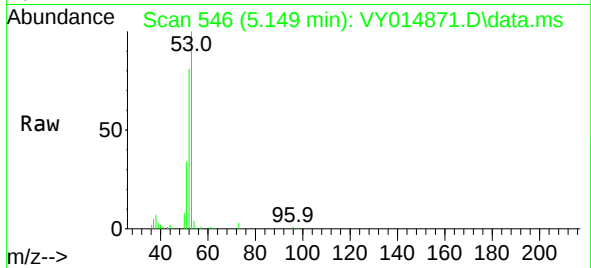
Tgt Ion: 41 Resp: 59455
Ion Ratio Lower Upper
41 100
39 71.9 58.0 87.0
76 39.1 27.4 41.2





#15
Acrylonitrile
Concen: 104.338 ug/l
RT: 5.149 min Scan# 547
Delta R.T. -0.006 min
Lab File: VY014871.D
Acq: 27 Jul 2023 10:45

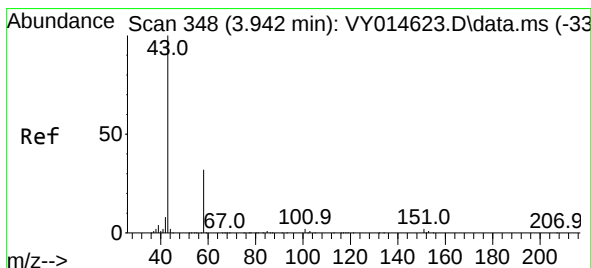
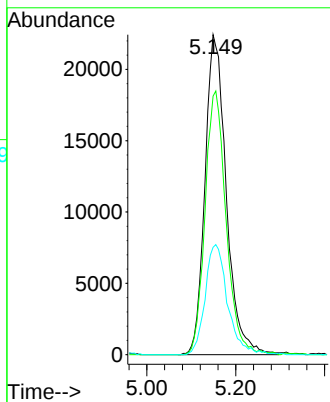
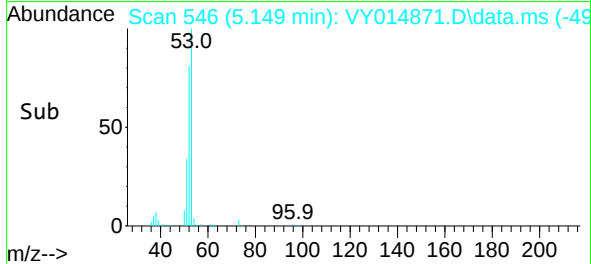
Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBS01



Tgt Ion: 53 Resp: 74829
Ion Ratio Lower Upper
53 100
52 81.6 66.9 100.3
51 35.9 29.8 44.6

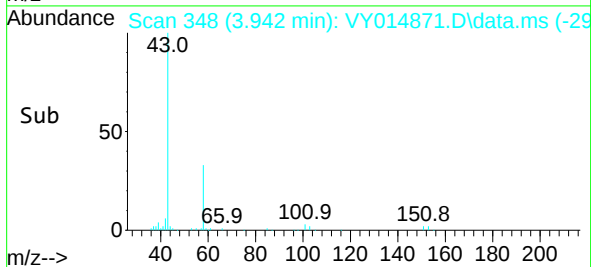
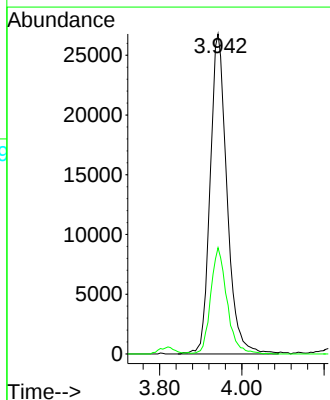
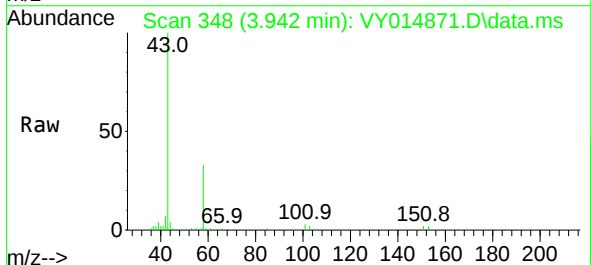
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#16
Acetone
Concen: 103.668 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY014871.D
Acq: 27 Jul 2023 10:45

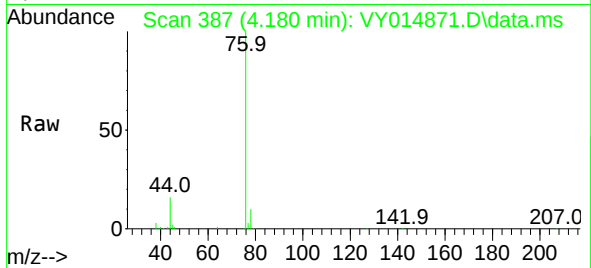
Tgt Ion: 43 Resp: 76118
Ion Ratio Lower Upper
43 100
58 33.2 22.7 34.1





#17
Carbon Disulfide
Concen: 16.962 ug/l
RT: 4.180 min Scan# 388
Delta R.T. -0.006 min
Lab File: VY014871.D
Acq: 27 Jul 2023 10:45

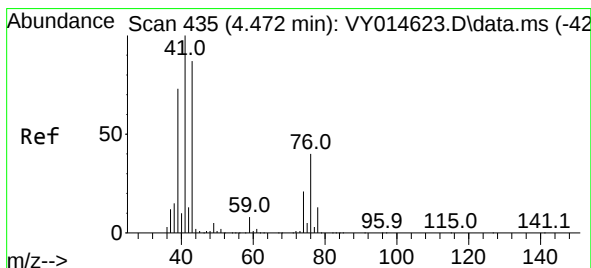
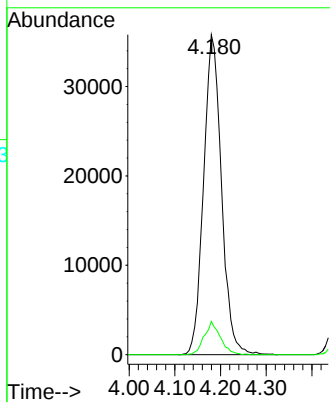
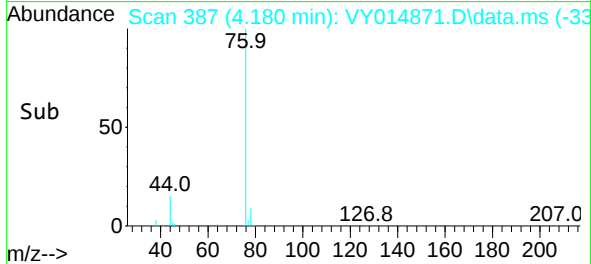
Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBS01



Tgt Ion: 76 Resp: 97238
Ion Ratio Lower Upper
76 100
78 10.4 7.0 10.4

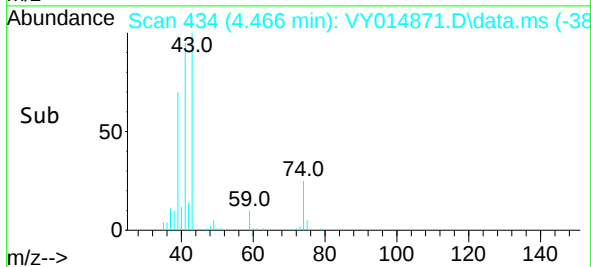
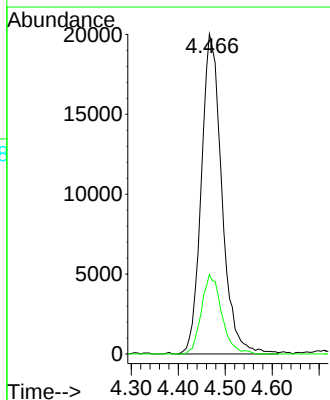
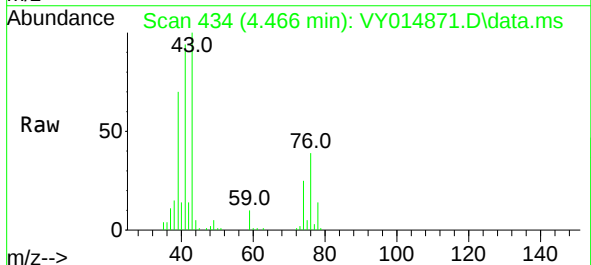
Manual Integrations
APPROVED

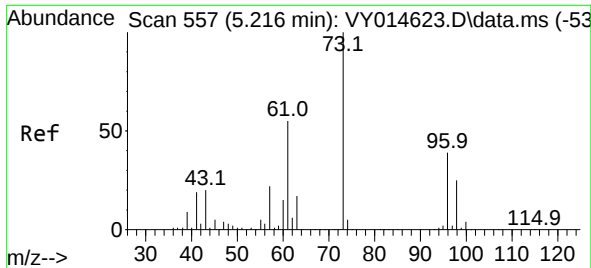
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#18
Methyl Acetate
Concen: 21.546 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY014871.D
Acq: 27 Jul 2023 10:45

Tgt Ion: 43 Resp: 60711
Ion Ratio Lower Upper
43 100
74 24.5 17.4 26.0





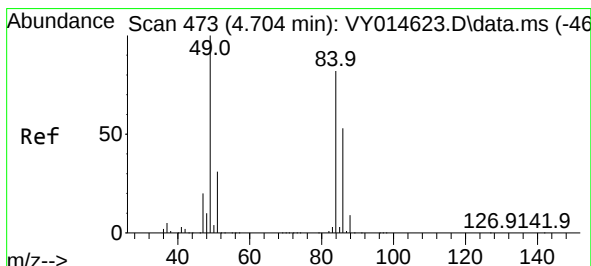
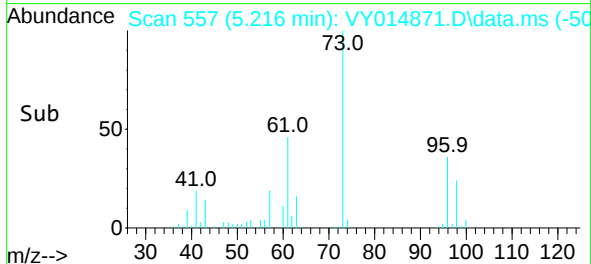
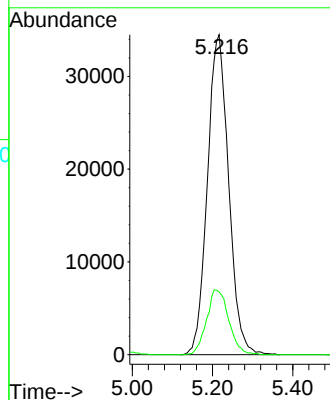
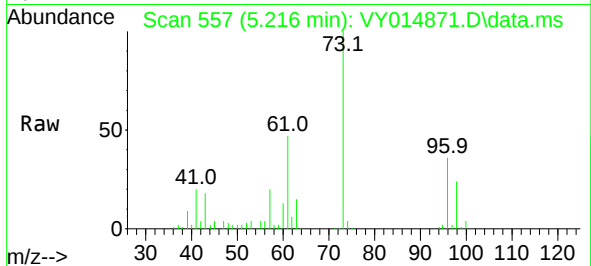
#19
Methyl tert-butyl Ether
Concen: 19.507 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY014871.D
Acq: 27 Jul 2023 10:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBS01

Tgt Ion: 73 Resp: 126870
Ion Ratio Lower Upper
73 100
57 19.7 17.3 25.9

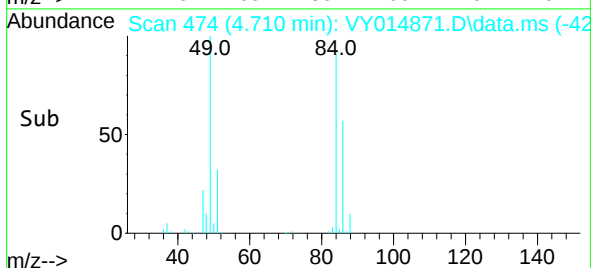
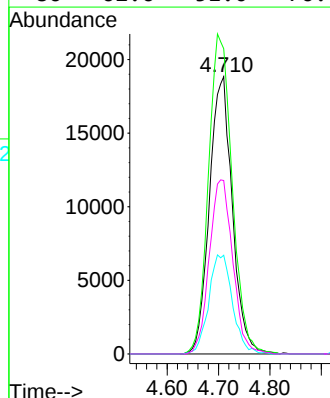
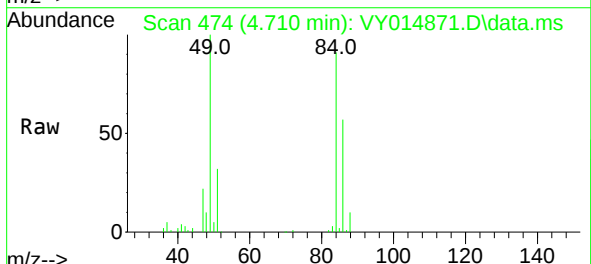
Manual Integrations
APPROVED

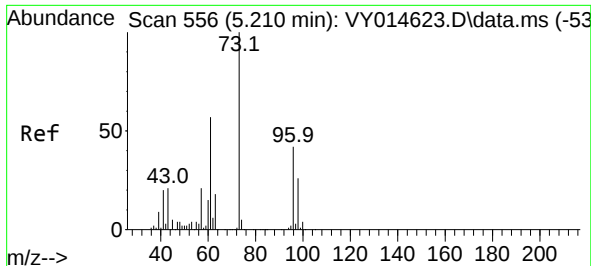
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#20
Methylene Chloride
Concen: 22.099 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY014871.D
Acq: 27 Jul 2023 10:45

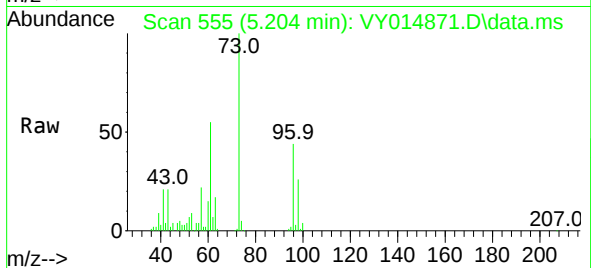
Tgt Ion: 84 Resp: 58333
Ion Ratio Lower Upper
84 100
49 110.1 106.9 160.3
51 35.6 33.2 49.8
86 62.6 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 18.530 ug/l
RT: 5.204 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY014871.D
Acq: 27 Jul 2023 10:45

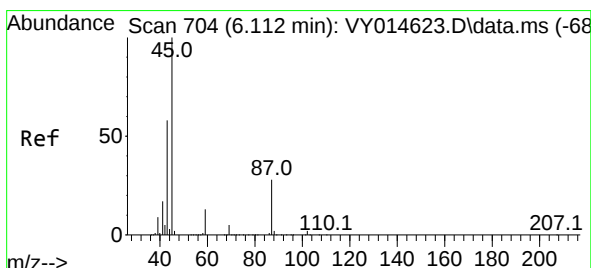
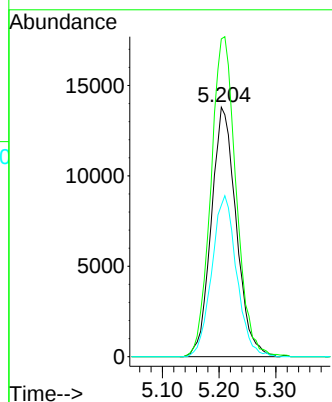
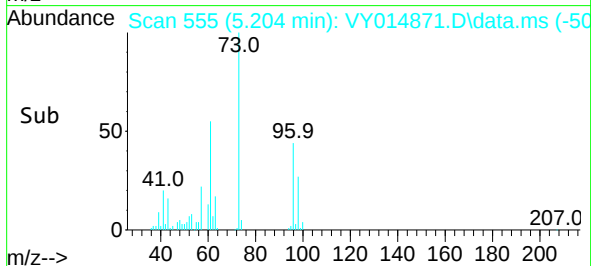
Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBS01



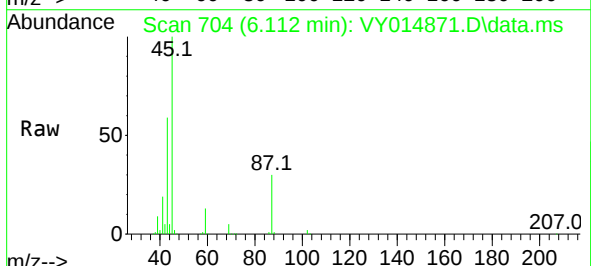
Tgt Ion: 96 Resp: 4210
Ion Ratio Lower Upper
96 100
61 127.3 110.2 165.4
98 60.7 51.8 77.6

Manual Integrations
APPROVED

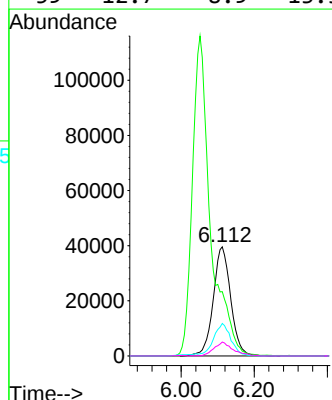
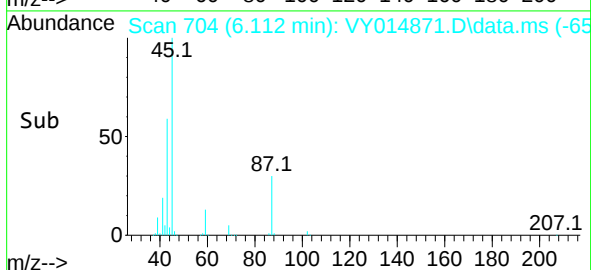
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023

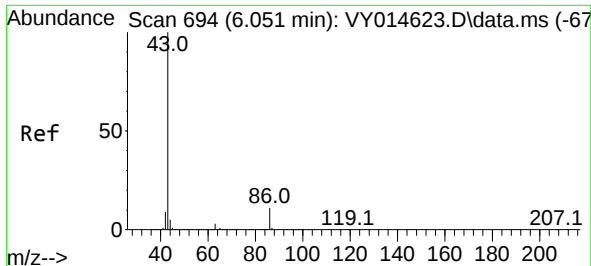


#22
Diisopropyl ether
Concen: 18.191 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY014871.D
Acq: 27 Jul 2023 10:45



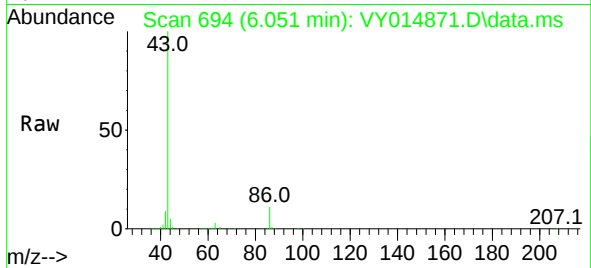
Tgt Ion: 45 Resp: 131488
Ion Ratio Lower Upper
45 100
43 58.5 52.2 78.4
87 29.7 21.0 31.6
59 12.7 8.9 13.3





#23
 Vinyl Acetate
 Concen: 92.438 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY014871.D
 Acq: 27 Jul 2023 10:45

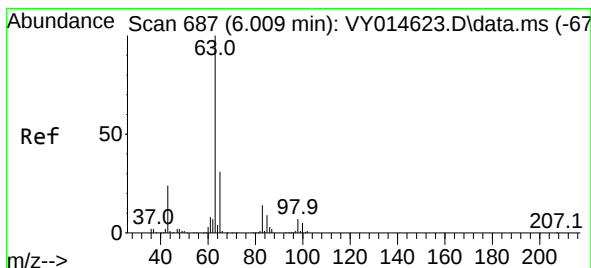
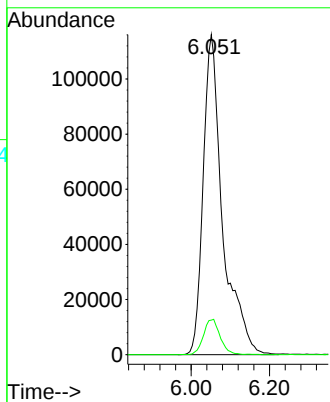
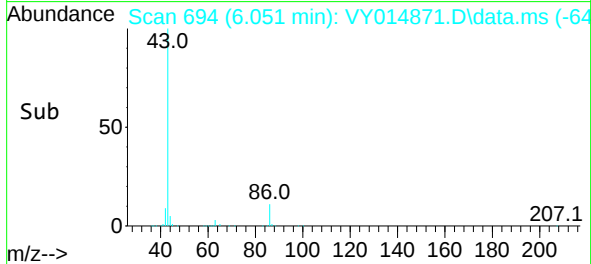
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0727SBS01



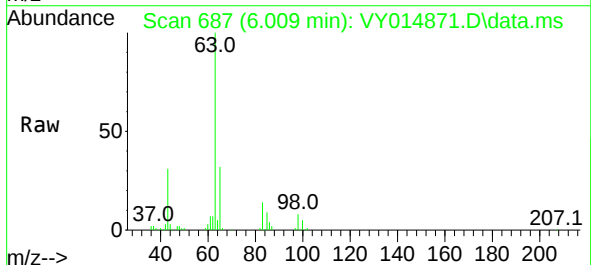
Tgt Ion: 43 Resp: 399840
 Ion Ratio Lower Upper
 43 100
 86 10.8 7.5 11.3

Manual Integrations
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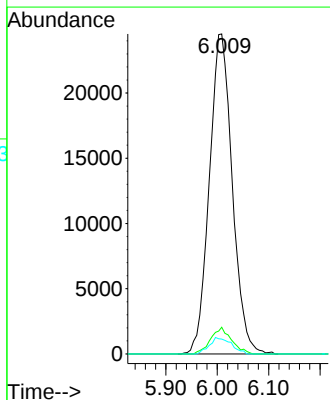
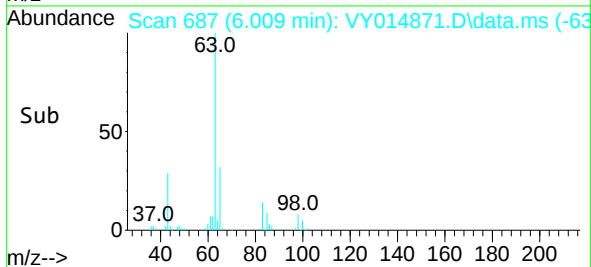
Reviewed By :John Carlone 07/28/2023
 Supervised By :Mahesh Dadoda 07/28/2023



#24
 1,1-Dichloroethane
 Concen: 18.402 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.000 min
 Lab File: VY014871.D
 Acq: 27 Jul 2023 10:45



Tgt Ion: 63 Resp: 76107
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.1 9.4
 100 4.7 1.8 5.5





#25

2-Butanone

Concen: 103.544 ug/l

RT: 6.978 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY014871.D

Acq: 27 Jul 2023 10:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0727SBS01

Tgt Ion: 43 Resp: 11122

Ion Ratio Lower Upper

43 100

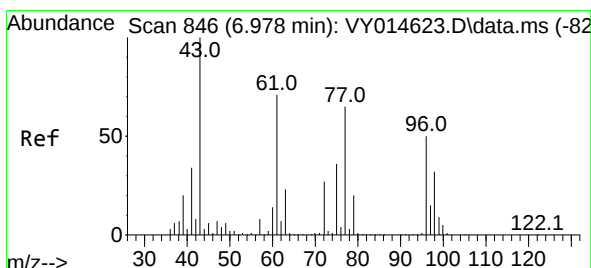
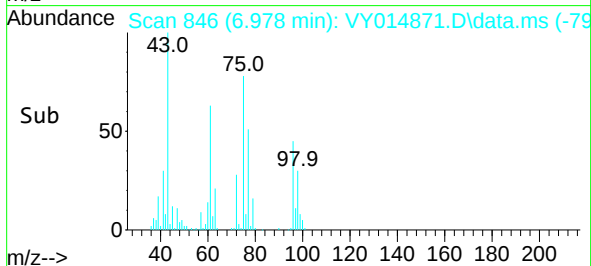
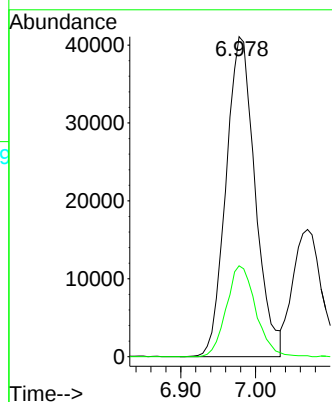
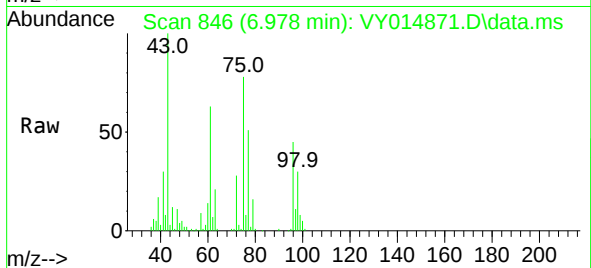
72 28.4 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/28/2023



#26

2,2-Dichloropropane

Concen: 17.989 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY014871.D

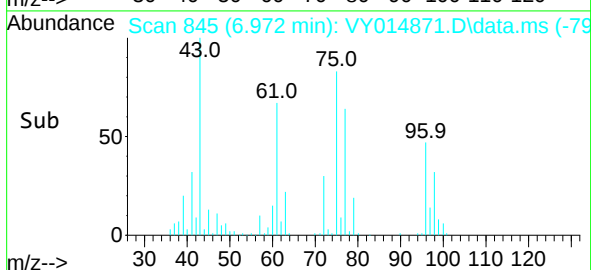
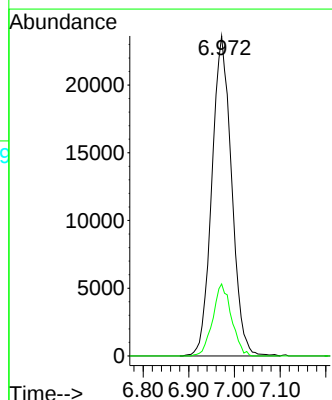
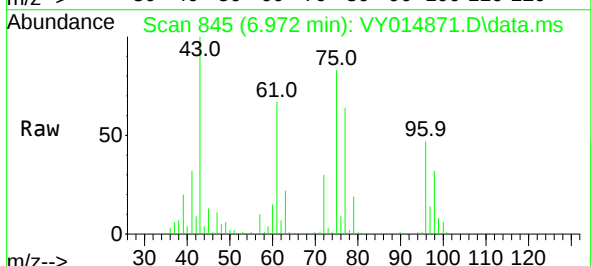
Acq: 27 Jul 2023 10:45

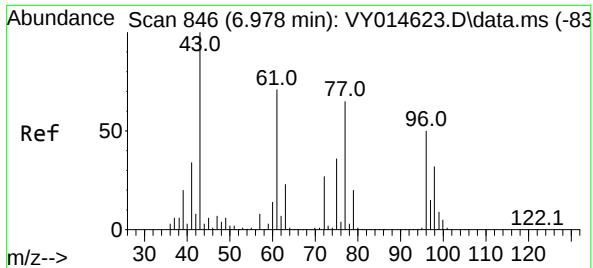
Tgt Ion: 77 Resp: 70908

Ion Ratio Lower Upper

77 100

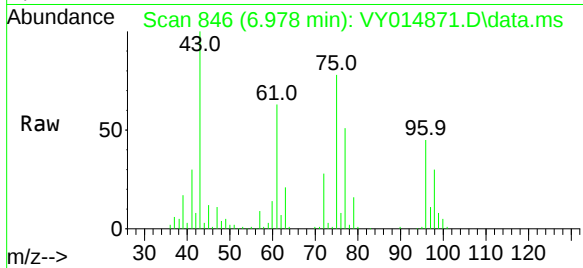
97 21.3 10.9 32.9





#27
 cis-1,2-Dichloroethene
 Concen: 19.144 ug/l
 RT: 6.978 min Scan# 846
 Delta R.T. 0.000 min
 Lab File: VY014871.D
 Acq: 27 Jul 2023 10:45

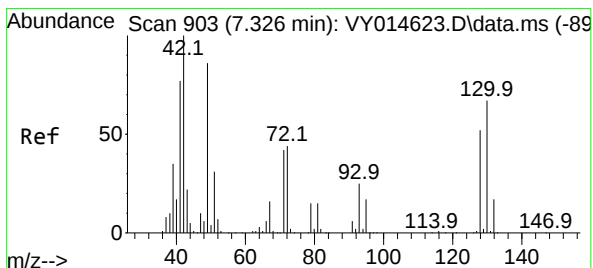
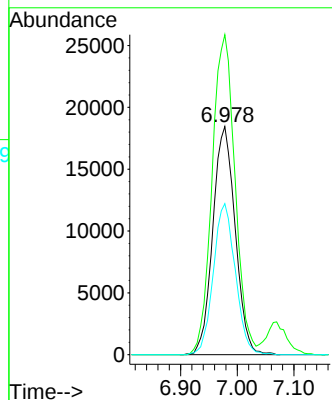
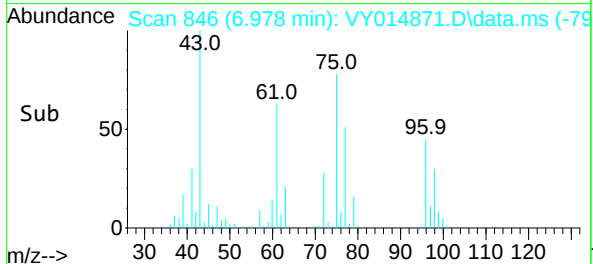
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0727SBS01



Tgt Ion: 96 Resp: 50634
 Ion Ratio Lower Upper
 96 100
 61 143.4 0.0 301.4
 98 65.1 0.0 130.4

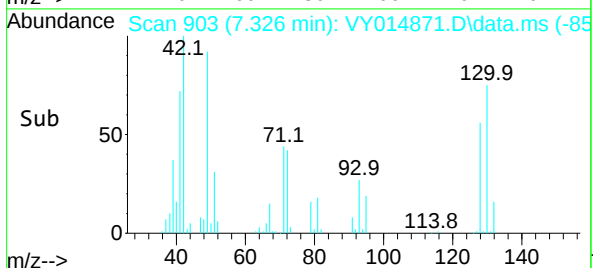
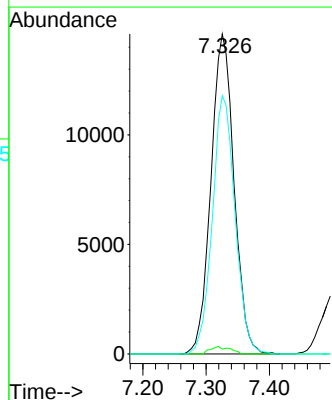
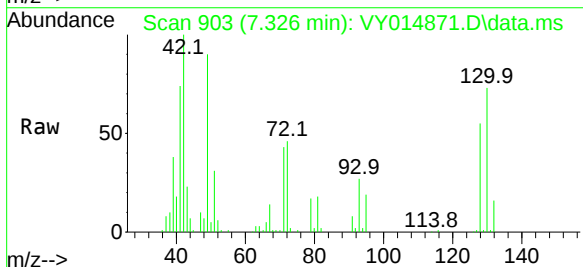
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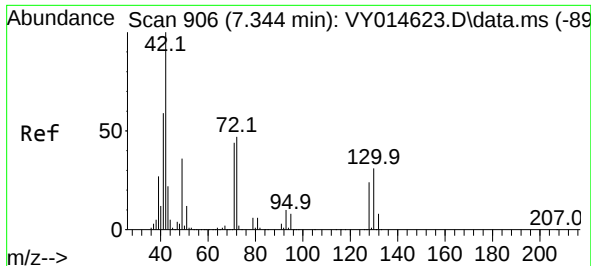
Reviewed By :John Carlone 07/28/2023
 Supervised By :Mahesh Dadoda 07/28/2023



#28
 Bromochloromethane
 Concen: 20.768 ug/l
 RT: 7.326 min Scan# 903
 Delta R.T. -0.000 min
 Lab File: VY014871.D
 Acq: 27 Jul 2023 10:45

Tgt Ion: 49 Resp: 36992
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.6
 130 79.6 60.7 91.1





#29

Tetrahydrofuran

Concen: 104.958 ug/l

RT: 7.338 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY014871.D

Acq: 27 Jul 2023 10:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0727SBS01

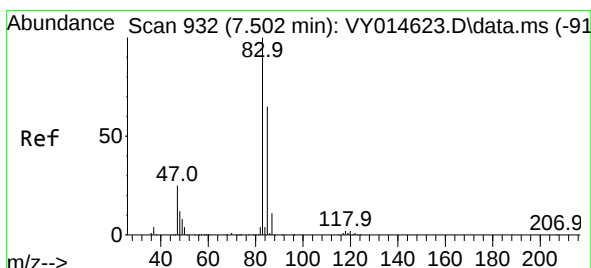
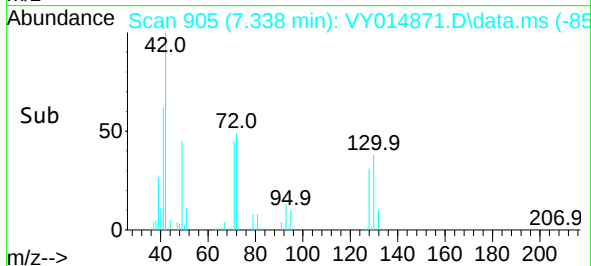
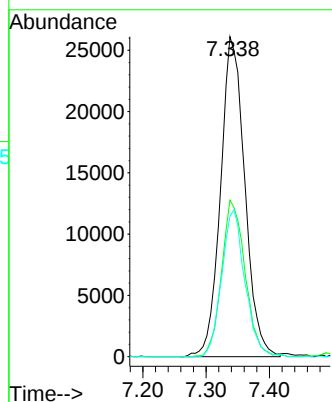
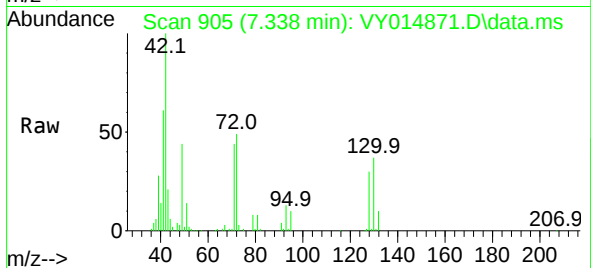
Tgt Ion:	42	Resp:	69424
Ion	Ratio	Lower	Upper
42	100		
72	47.5	32.8	49.2
71	44.1	31.0	46.4

Manual Integrations

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Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/28/2023



#30

Chloroform

Concen: 19.290 ug/l

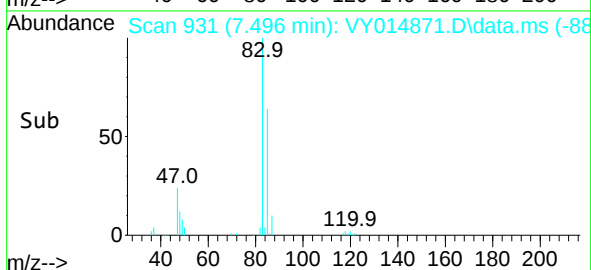
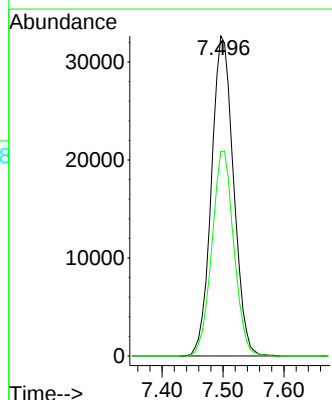
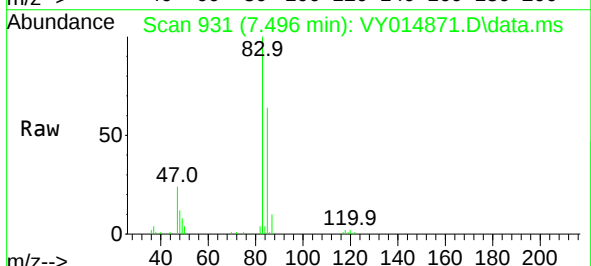
RT: 7.496 min Scan# 931

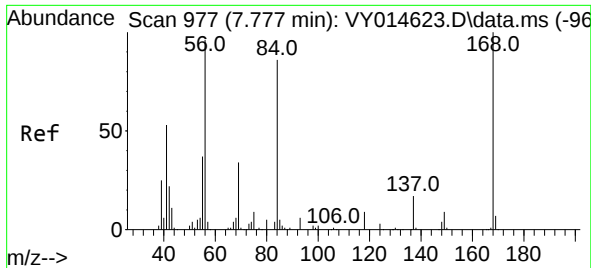
Delta R.T. -0.006 min

Lab File: VY014871.D

Acq: 27 Jul 2023 10:45

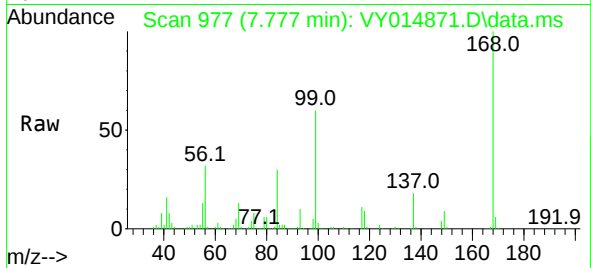
Tgt Ion:	83	Resp:	82269
Ion	Ratio	Lower	Upper
83	100		
85	64.0	49.7	74.5





#31
Cyclohexane
Concen: 17.097 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014871.D
Acq: 27 Jul 2023 10:45

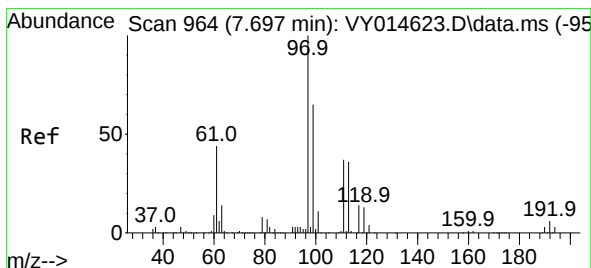
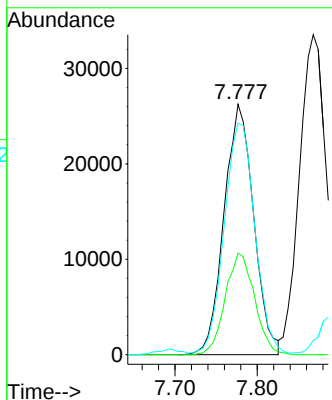
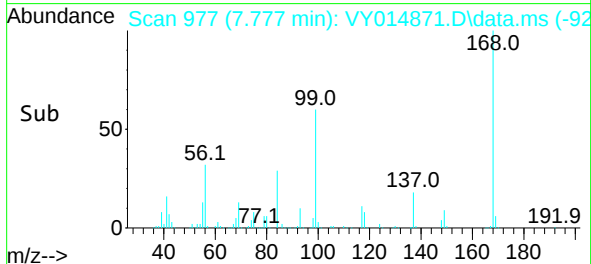
Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBS01



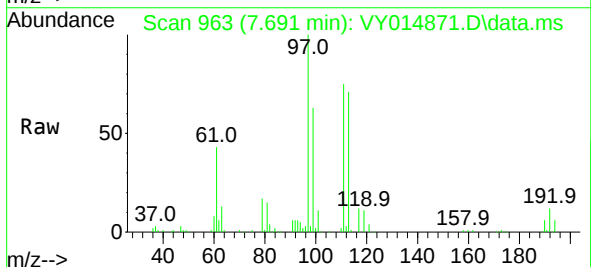
Tgt Ion: 56 Resp: 65759
Ion Ratio Lower Upper
56 100
69 40.4 27.8 41.6
84 91.1 66.4 99.6

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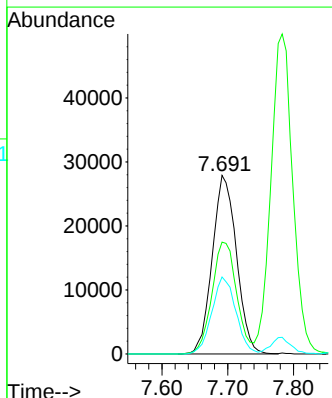
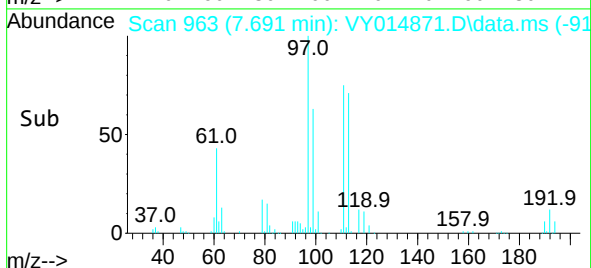
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#32
1,1,1-Trichloroethane
Concen: 18.637 ug/l
RT: 7.691 min Scan# 963
Delta R.T. -0.006 min
Lab File: VY014871.D
Acq: 27 Jul 2023 10:45



Tgt Ion: 97 Resp: 71538
Ion Ratio Lower Upper
97 100
99 64.3 50.8 76.2
61 42.7 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 50.388 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY014871.D

Acq: 27 Jul 2023 10:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0727SBS01

Tgt Ion: 65 Resp: 116752

Ion Ratio Lower Upper

65 100

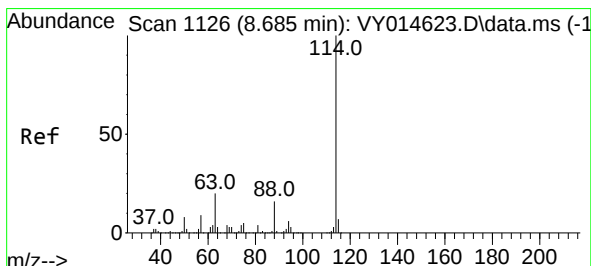
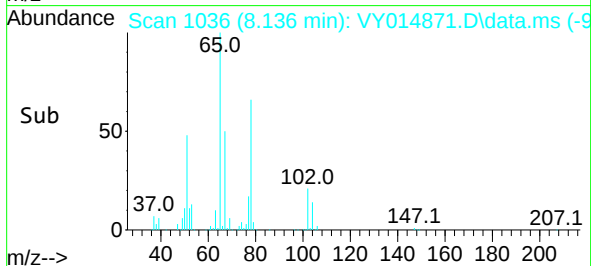
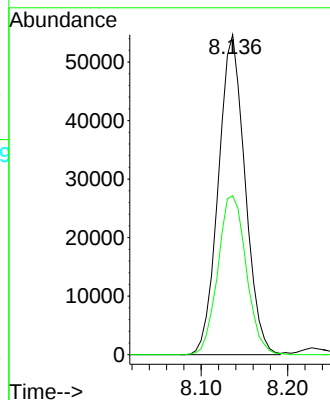
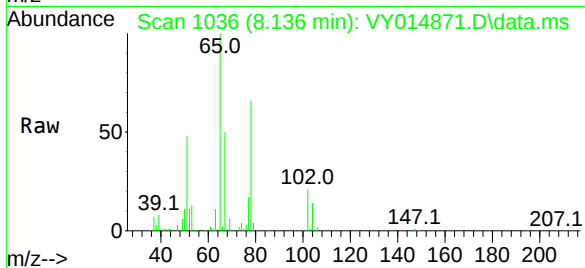
67 52.9 0.0 101.8

Manual Integrations

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Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/28/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY014871.D

Acq: 27 Jul 2023 10:45

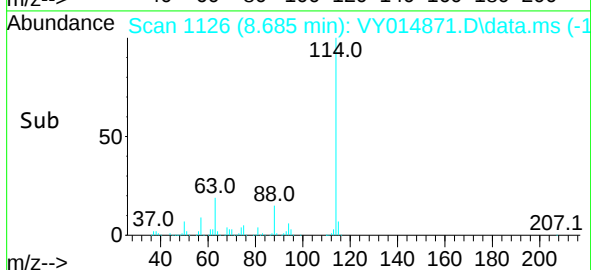
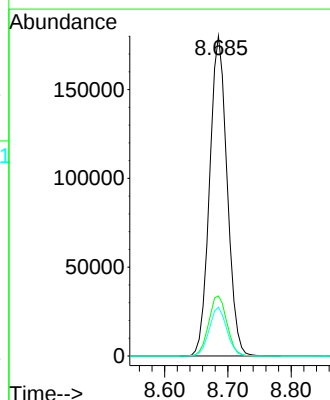
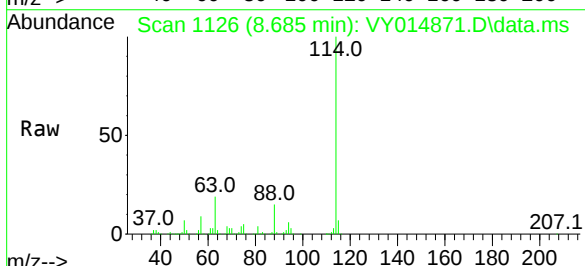
Tgt Ion:114 Resp: 346781

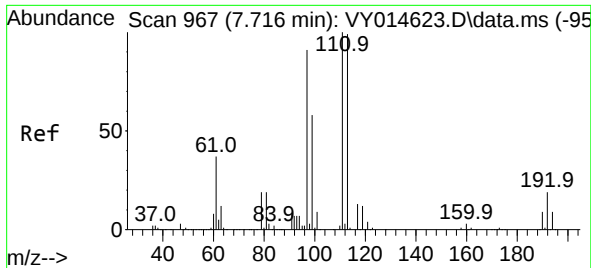
Ion Ratio Lower Upper

114 100

63 18.8 0.0 42.4

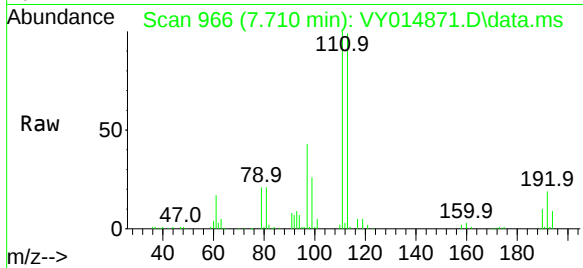
88 15.2 0.0 30.6





#35
Dibromofluoromethane
Concen: 48.224 ug/l
RT: 7.710 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY014871.D
Acq: 27 Jul 2023 10:45

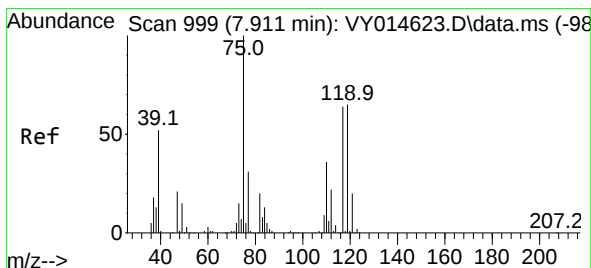
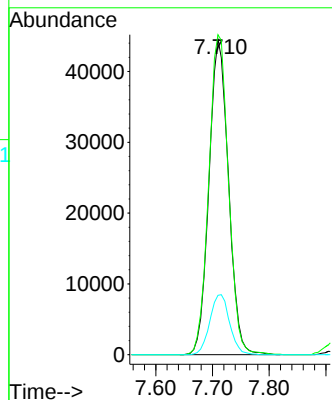
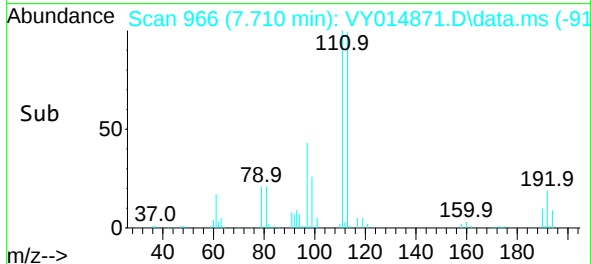
Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBS01



Tgt Ion:113 Resp: 106450
Ion Ratio Lower Upper
113 100
111 102.7 81.3 121.9
192 19.3 16.9 25.3

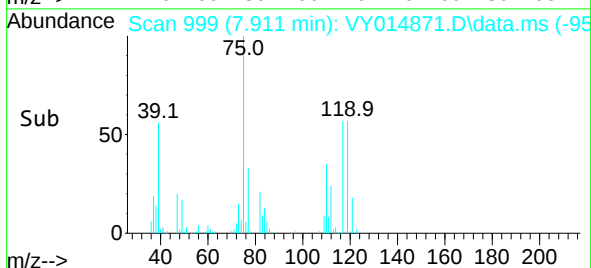
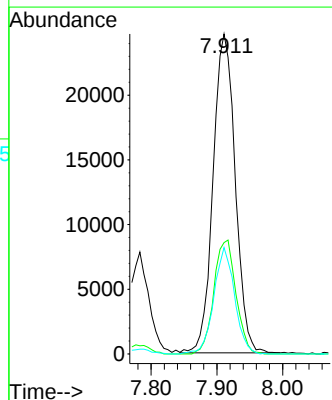
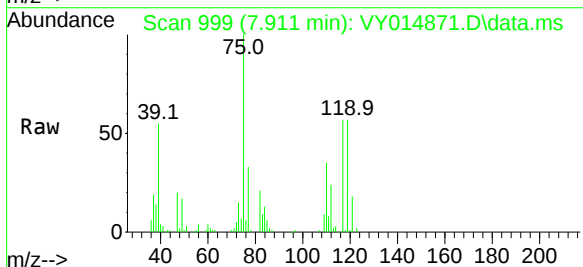
Manual Integrations
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Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#36
1,1-Dichloropropene
Concen: 17.509 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY014871.D
Acq: 27 Jul 2023 10:45

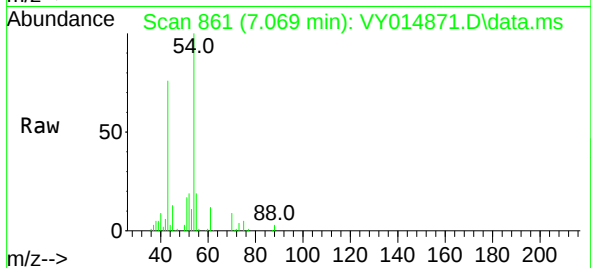
Tgt Ion: 75 Resp: 57801
Ion Ratio Lower Upper
75 100
110 35.6 17.8 53.5
77 31.4 24.4 36.6





#37
Ethyl Acetate
Concen: 19.691 ug/l
RT: 7.069 min Scan# 80
Delta R.T. -0.001 min
Lab File: VY014871.D
Acq: 27 Jul 2023 10:45

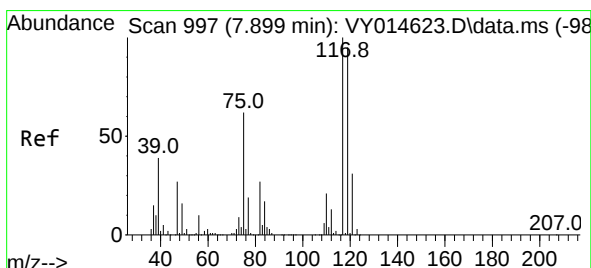
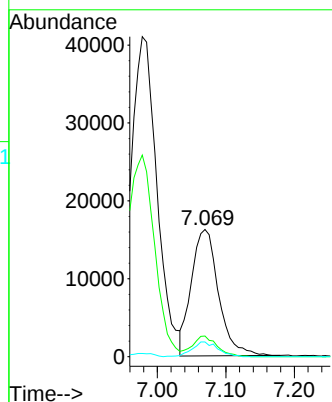
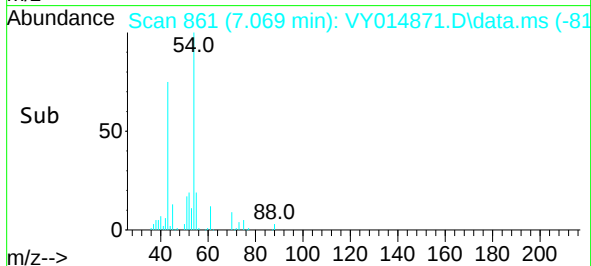
Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBS01



Tgt Ion: 43 Resp: 4475
Ion Ratio Lower Upper
43 100
61 15.0 10.1 15.1
70 11.1 7.1 10.7

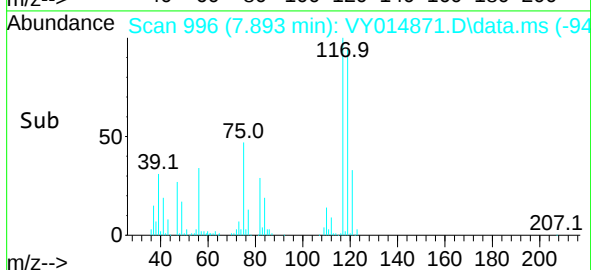
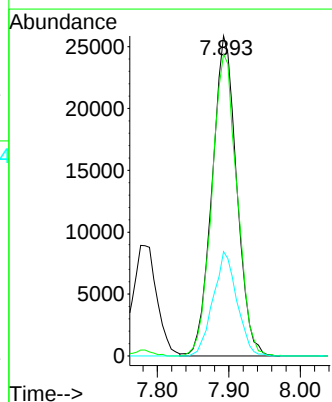
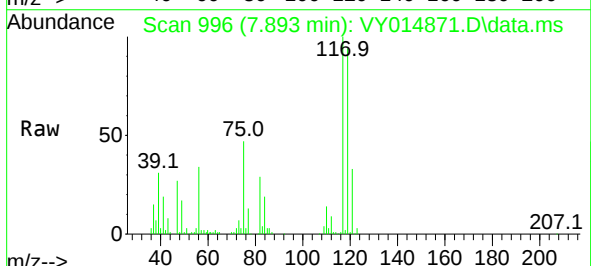
Manual Integrations
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Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#38
Carbon Tetrachloride
Concen: 17.678 ug/l
RT: 7.893 min Scan# 996
Delta R.T. -0.006 min
Lab File: VY014871.D
Acq: 27 Jul 2023 10:45

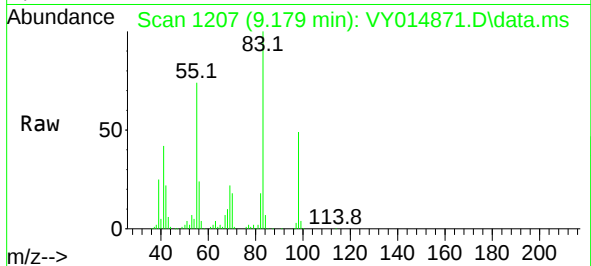
Tgt Ion:117 Resp: 61693
Ion Ratio Lower Upper
117 100
119 94.4 76.4 114.6
121 32.6 25.8 38.6





#39
Methylcyclohexane
Concen: 16.609 ug/l
RT: 9.179 min Scan# 1207
Delta R.T. -0.000 min
Lab File: VY014871.D
Acq: 27 Jul 2023 10:45

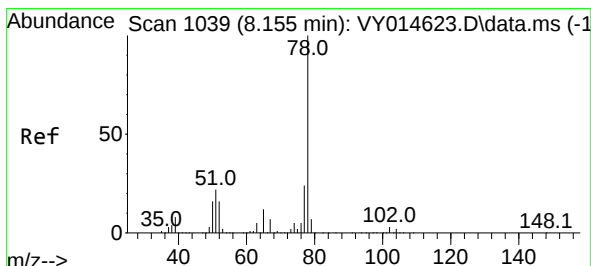
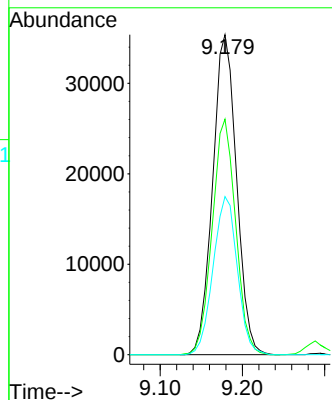
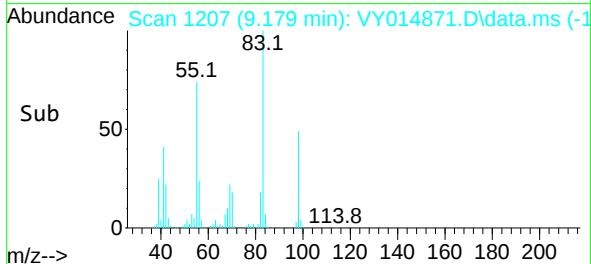
Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBS01



Tgt Ion: 83 Resp: 7143
Ion Ratio Lower Upper
83 100
55 73.6 63.0 94.4
98 49.4 37.4 56.2

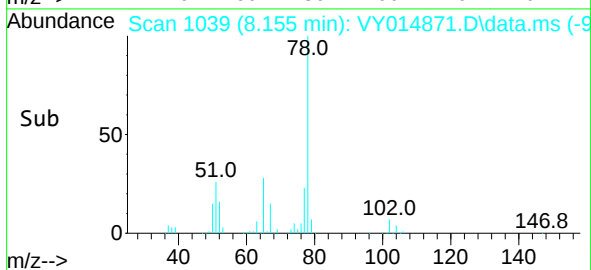
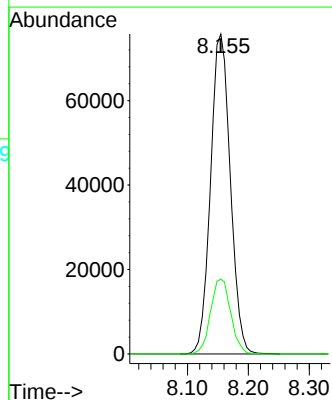
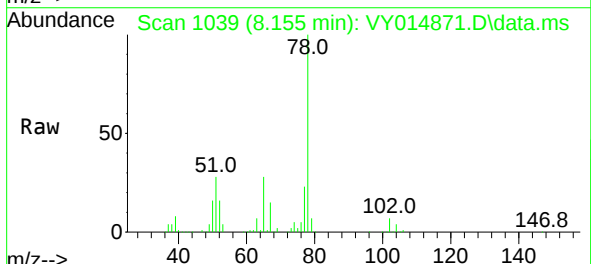
Manual Integrations
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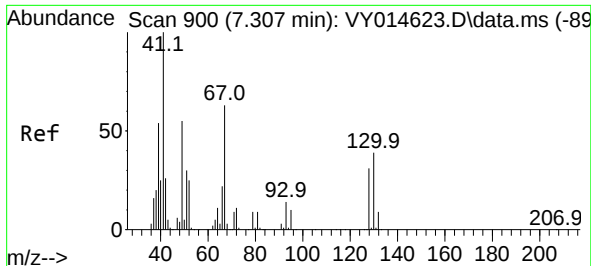
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#40
Benzene
Concen: 18.170 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY014871.D
Acq: 27 Jul 2023 10:45

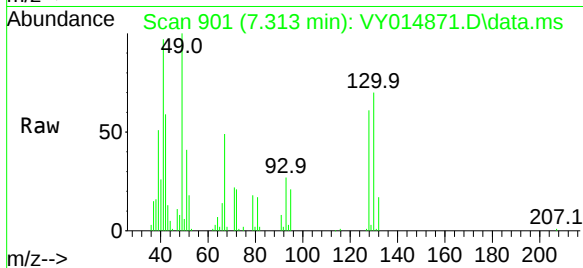
Tgt Ion: 78 Resp: 170594
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.6





#41
Methacrylonitrile
Concen: 22.564 ug/l m
RT: 7.313 min Scan# 901
Delta R.T. 0.006 min
Lab File: VY014871.D
Acq: 27 Jul 2023 10:45

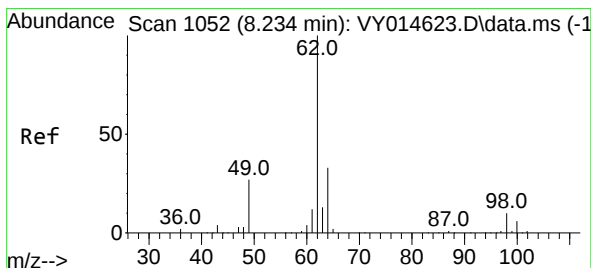
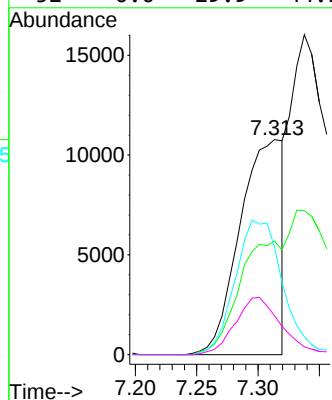
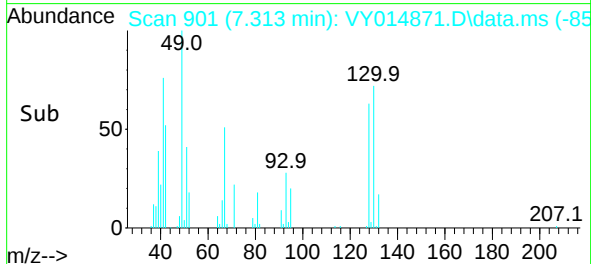
Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBS01



Tgt Ion: 41 Resp: 26379
Ion Ratio Lower Upper
41 100
39 121.3 52.1 78.1
67 0.0 66.2 99.2
52 0.0 29.9 44.9

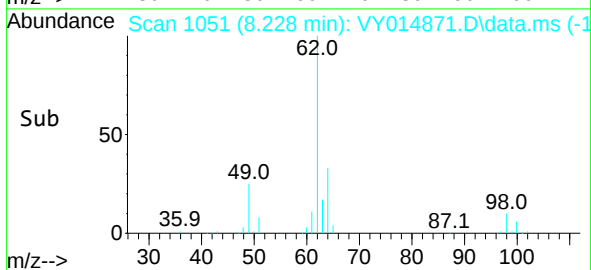
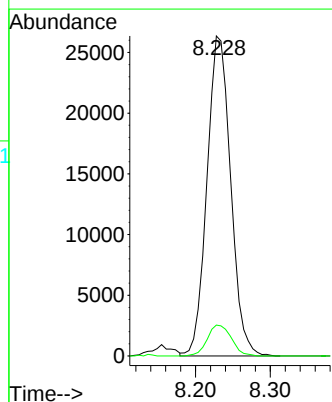
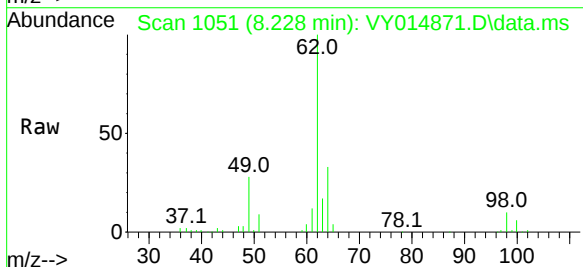
Manual Integrations
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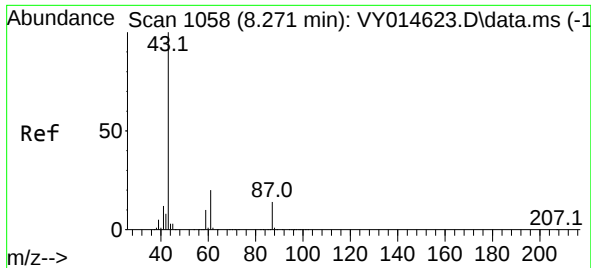
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#42
1,2-Dichloroethane
Concen: 19.544 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.006 min
Lab File: VY014871.D
Acq: 27 Jul 2023 10:45

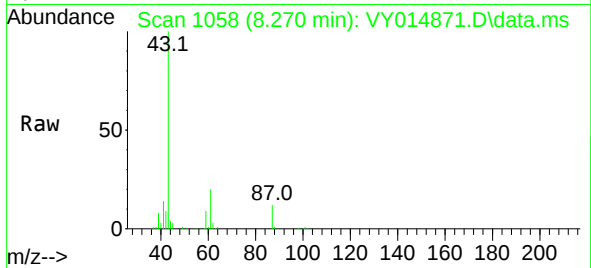
Tgt Ion: 62 Resp: 58110
Ion Ratio Lower Upper
62 100
98 9.8 0.0 15.8





#43
Isopropyl Acetate
Concen: 18.960 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. -0.001 min
Lab File: VY014871.D
Acq: 27 Jul 2023 10:45

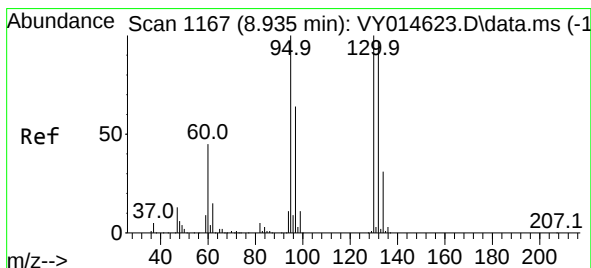
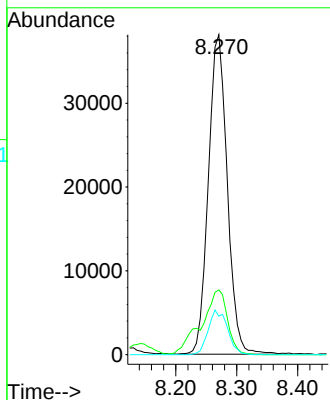
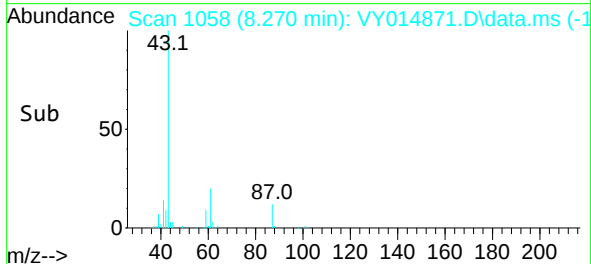
Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBS01



Tgt Ion: 43 Resp: 82090
Ion Ratio Lower Upper
43 100
61 28.1 21.1 31.7
87 14.3 9.8 14.8

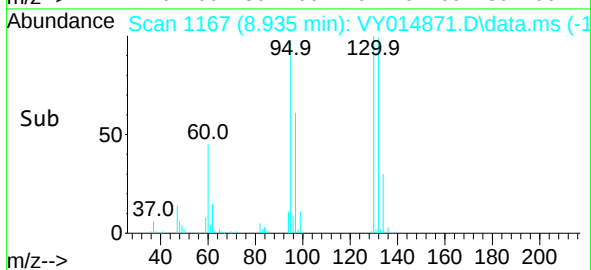
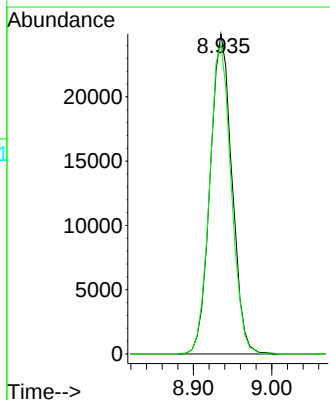
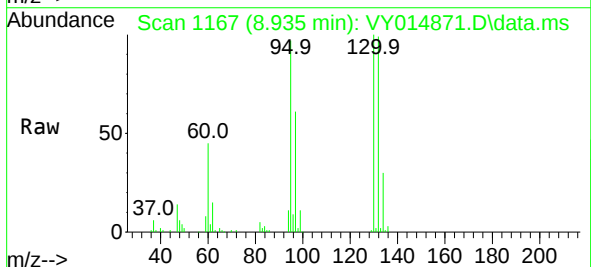
Manual Integrations
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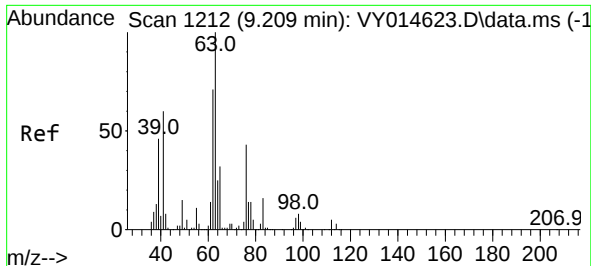
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#44
Trichloroethene
Concen: 18.336 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY014871.D
Acq: 27 Jul 2023 10:45

Tgt Ion:130 Resp: 48168
Ion Ratio Lower Upper
130 100
95 96.7 0.0 196.0





#45

1,2-Dichloropropane

Concen: 17.980 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY014871.D

Acq: 27 Jul 2023 10:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0727SBS01

Tgt Ion: 63 Resp: 4408

Ion Ratio Lower Upper

63 100

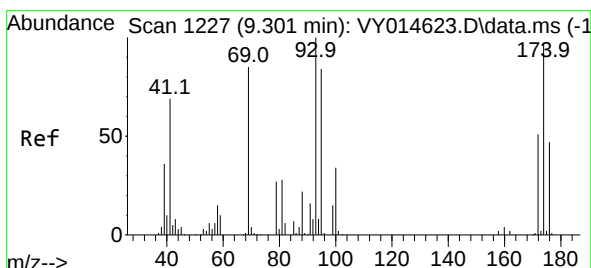
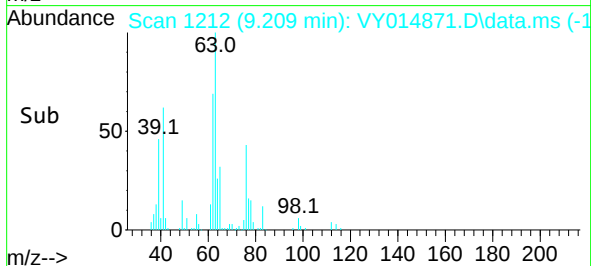
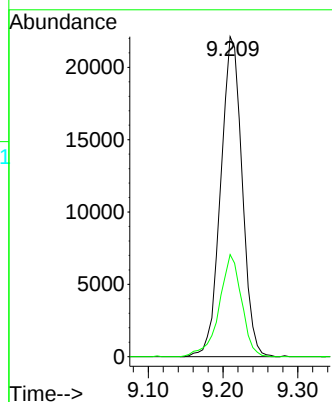
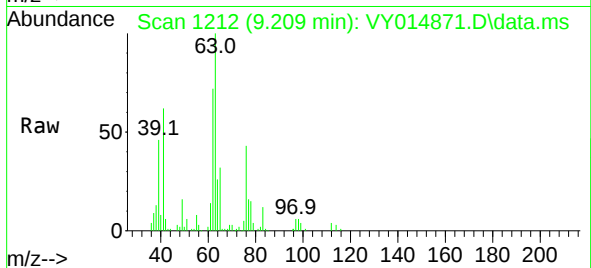
65 31.9 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/28/2023



#46

Dibromomethane

Concen: 19.276 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY014871.D

Acq: 27 Jul 2023 10:45

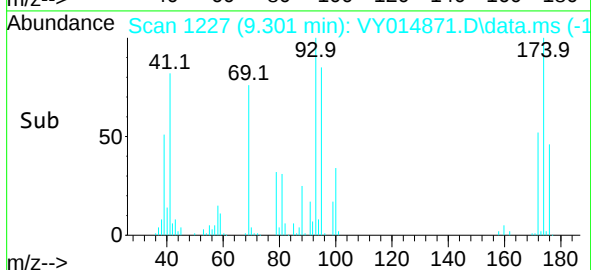
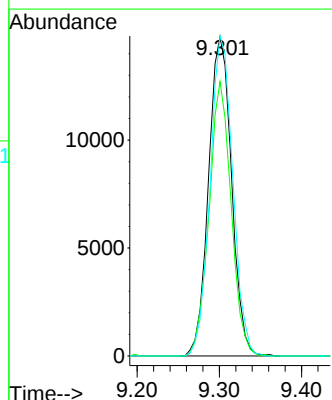
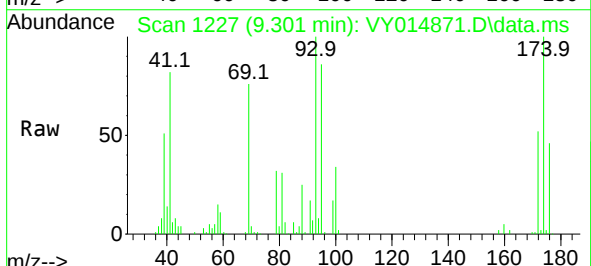
Tgt Ion: 93 Resp: 28670

Ion Ratio Lower Upper

93 100

95 82.5 66.6 100.0

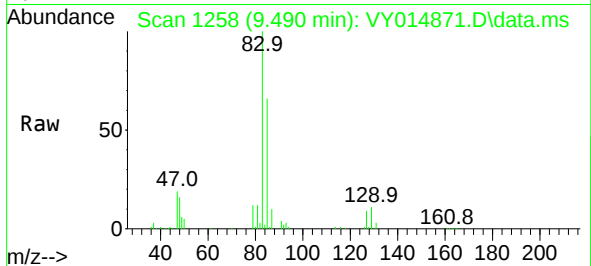
174 99.3 84.8 127.2





#47
Bromodichloromethane
Concen: 18.177 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VY014871.D
Acq: 27 Jul 2023 10:45

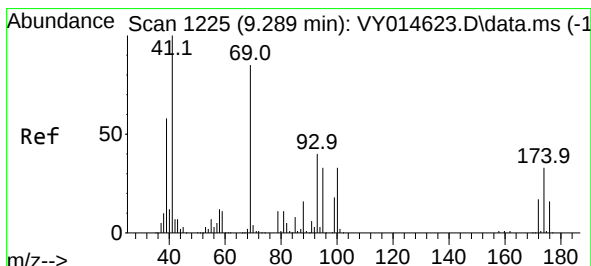
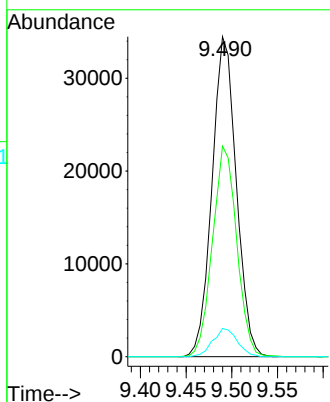
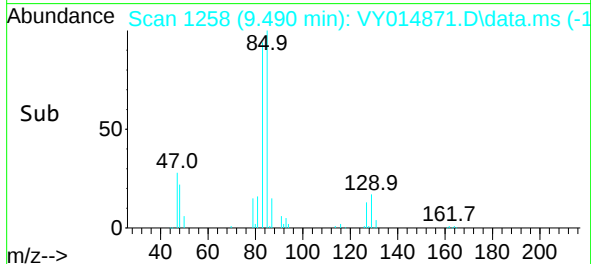
Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBS01



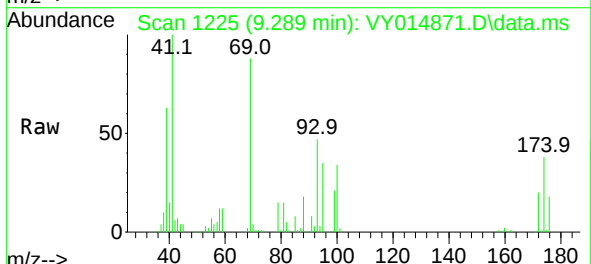
Tgt Ion: 83 Resp: 63718
Ion Ratio Lower Upper
83 100
85 65.8 50.1 75.1
127 8.8 7.1 10.7

Manual Integrations
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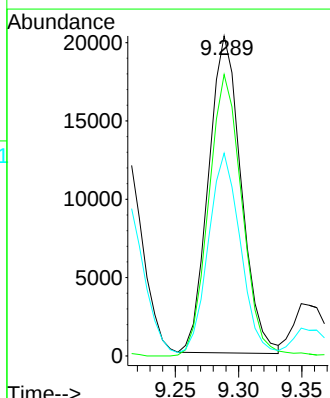
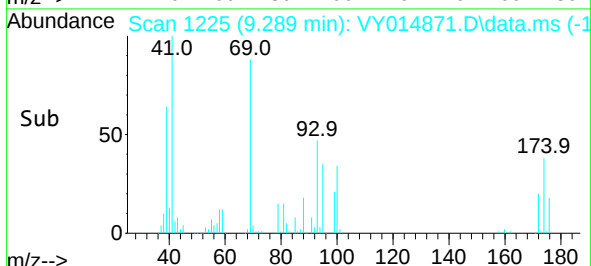
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023

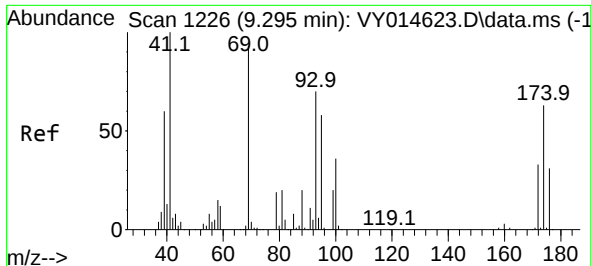


#48
Methyl methacrylate
Concen: 18.676 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY014871.D
Acq: 27 Jul 2023 10:45



Tgt Ion: 41 Resp: 36386
Ion Ratio Lower Upper
41 100
69 90.6 64.5 96.7
39 61.3 50.8 76.2





#49

1,4-Dioxane

Concen: 413.533 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY014871.D

Acq: 27 Jul 2023 10:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0727SBS01

Tgt Ion: 88 Resp: 10029

Ion Ratio Lower Upper

88 100

43 31.9 0.0 0.0

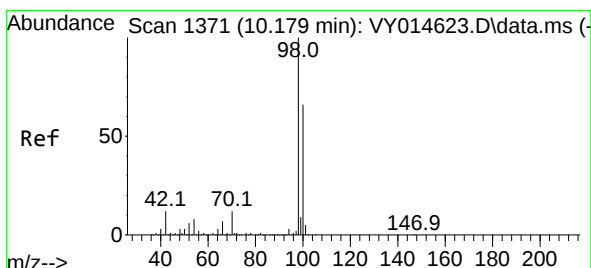
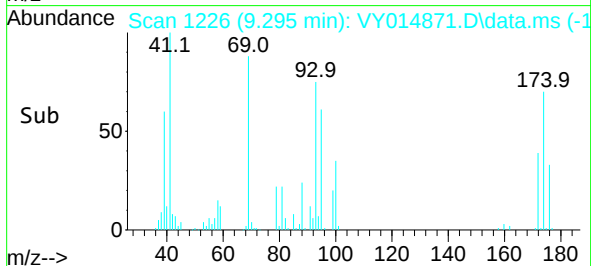
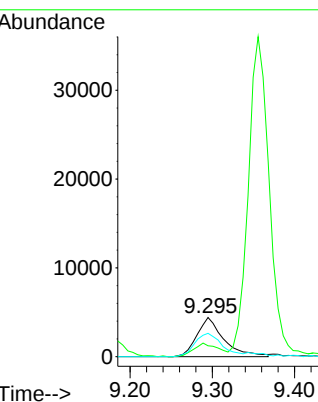
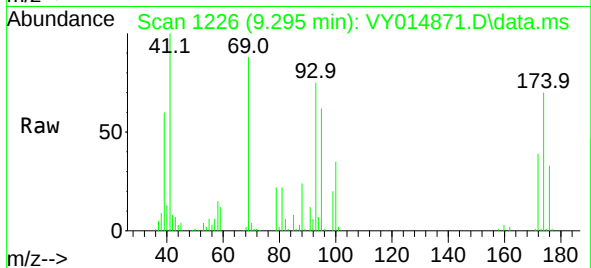
58 60.2 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/28/2023



#50

Toluene-d8

Concen: 46.347 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.006 min

Lab File: VY014871.D

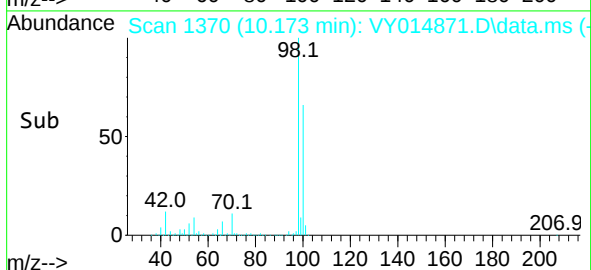
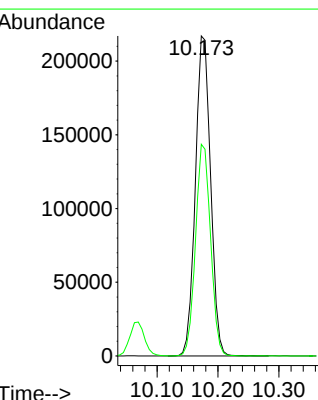
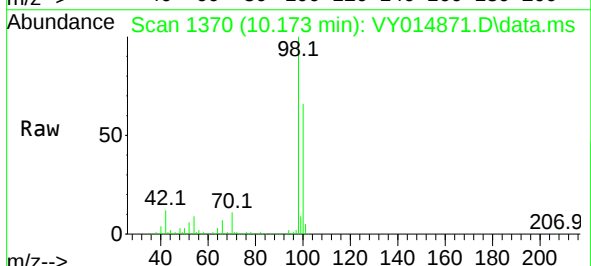
Acq: 27 Jul 2023 10:45

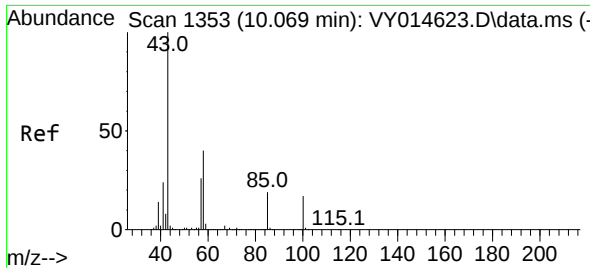
Tgt Ion: 98 Resp: 377200

Ion Ratio Lower Upper

98 100

100 65.6 50.1 75.1





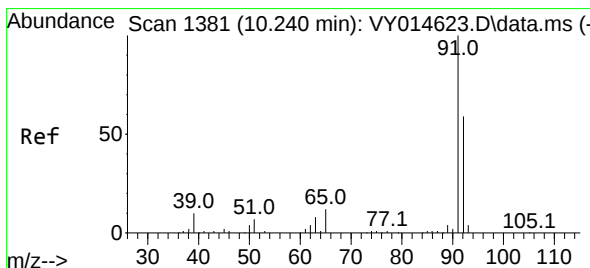
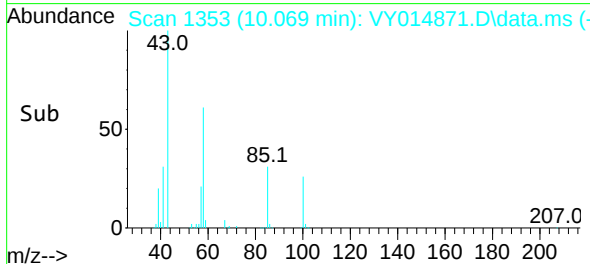
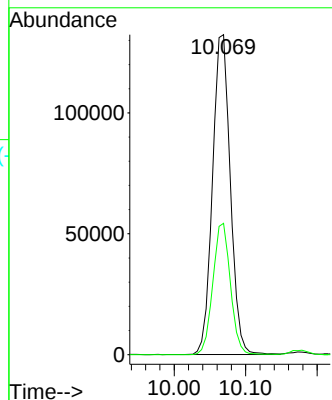
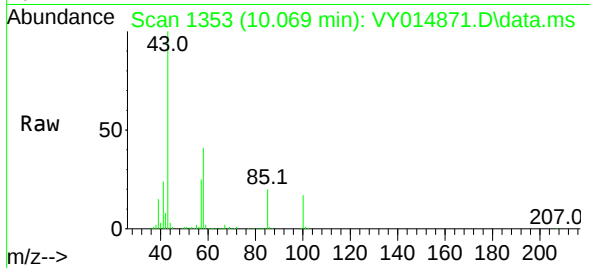
#51
4-Methyl-2-Pentanone
Concen: 100.753 ug/l
RT: 10.069 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014871.D
Acq: 27 Jul 2023 10:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBS01

Tgt Ion: 43 Resp: 22904
Ion Ratio Lower Upper
43 100
58 40.5 29.0 43.6

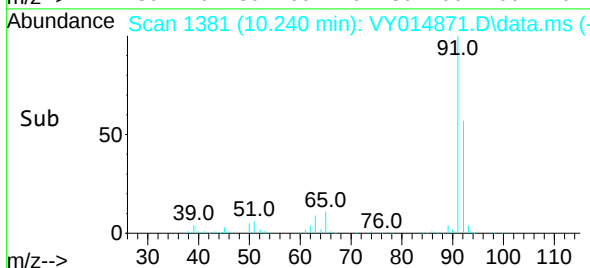
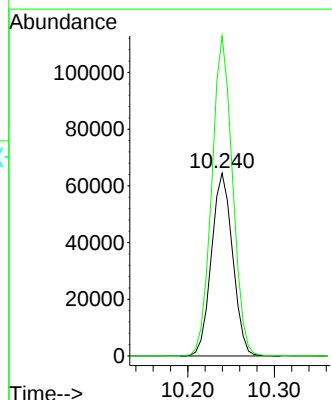
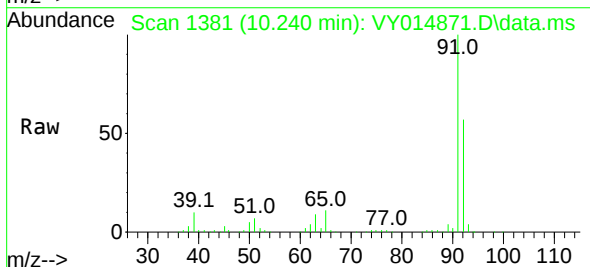
Manual Integrations
APPROVED

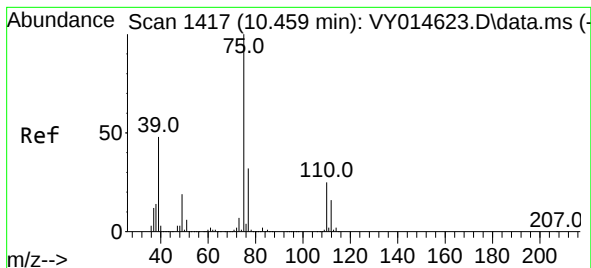
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#52
Toluene
Concen: 18.222 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY014871.D
Acq: 27 Jul 2023 10:45

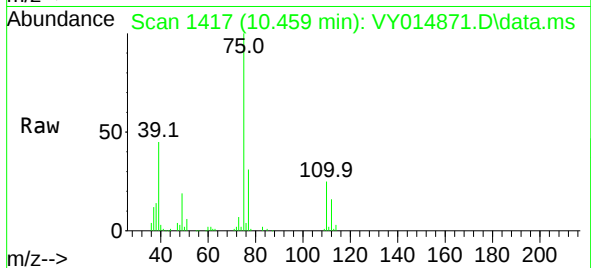
Tgt Ion: 92 Resp: 109476
Ion Ratio Lower Upper
92 100
91 171.8 143.8 215.6





#53
t-1,3-Dichloropropene
Concen: 17.600 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. 0.000 min
Lab File: VY014871.D
Acq: 27 Jul 2023 10:45

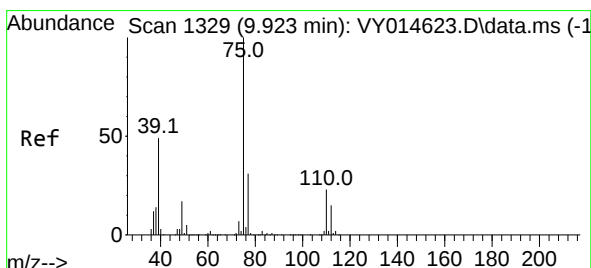
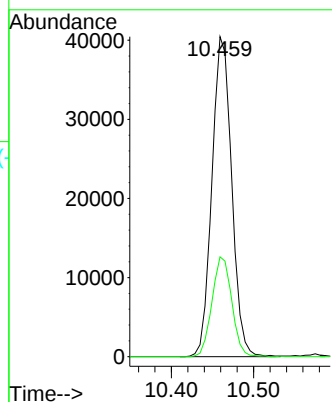
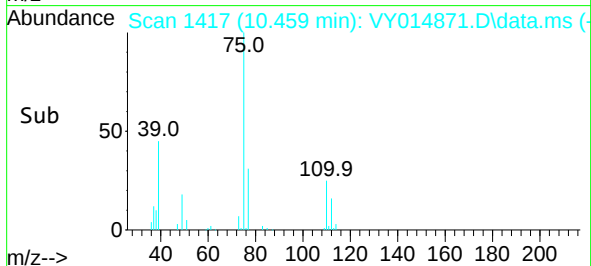
Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBS01



Tgt Ion: 75 Resp: 67480
Ion Ratio Lower Upper
75 100
77 31.2 25.0 37.4

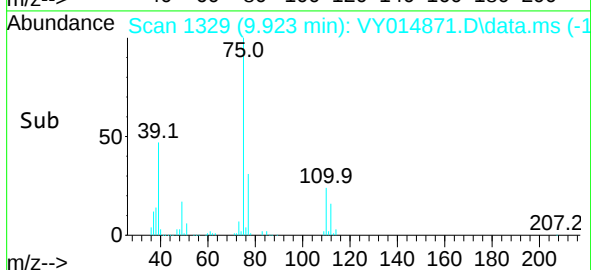
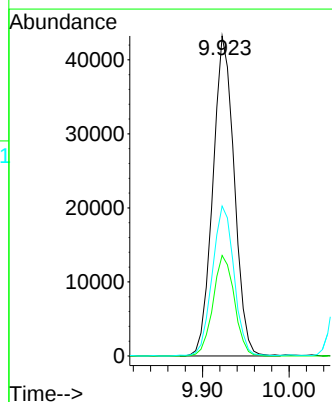
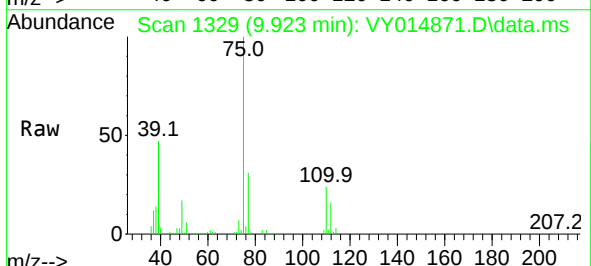
Manual Integrations
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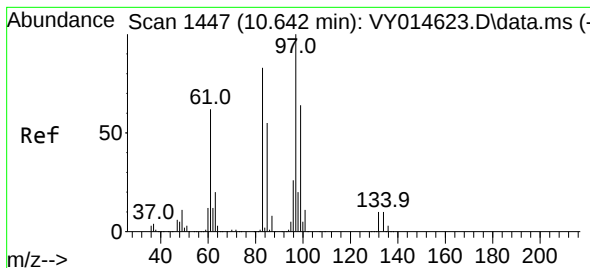
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#54
cis-1,3-Dichloropropene
Concen: 17.781 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.000 min
Lab File: VY014871.D
Acq: 27 Jul 2023 10:45

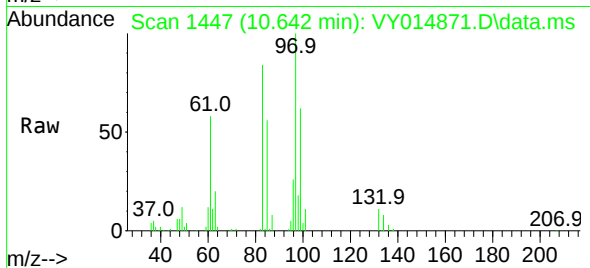
Tgt Ion: 75 Resp: 74144
Ion Ratio Lower Upper
75 100
77 31.4 24.2 36.4
39 46.7 42.2 63.4





#55
1,1,2-Trichloroethane
Concen: 19.404 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY014871.D
Acq: 27 Jul 2023 10:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBS01

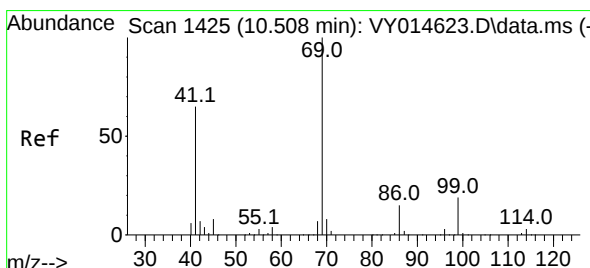
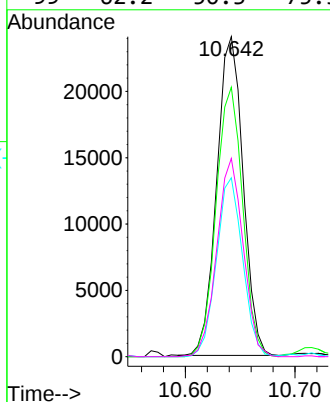
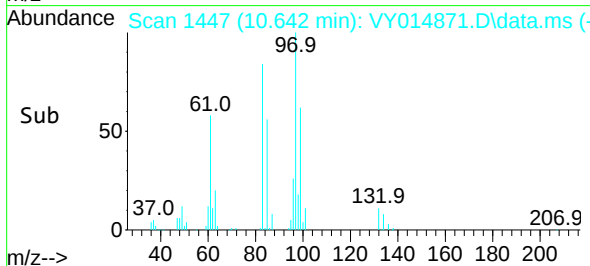


Tgt Ion: 97 Resp: 40200

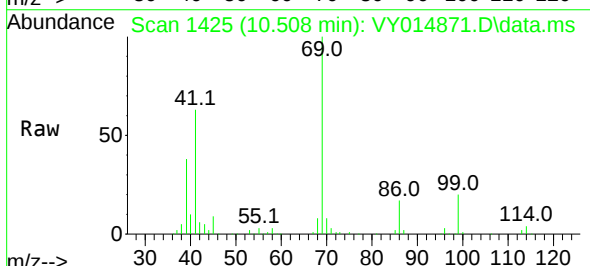
Ion	Ratio	Lower	Upper
97	100		
83	84.5	72.0	108.0
85	56.1	45.4	68.0
99	62.2	50.3	75.5

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023

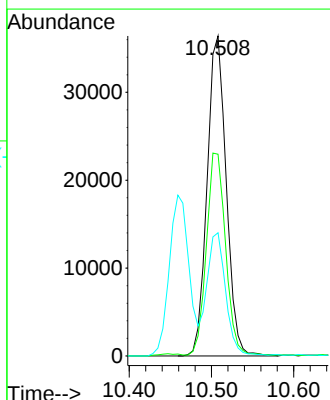
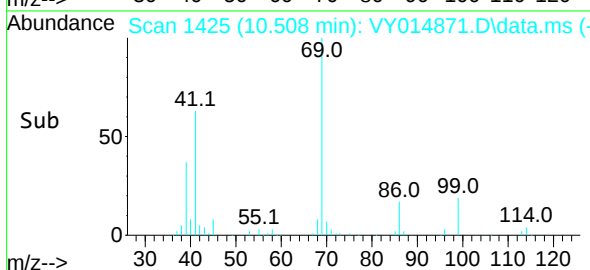


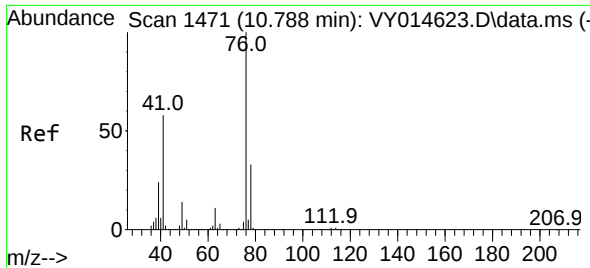
#56
Ethyl methacrylate
Concen: 18.587 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY014871.D
Acq: 27 Jul 2023 10:45



Tgt Ion: 69 Resp: 58797

Ion	Ratio	Lower	Upper
69	100		
41	63.2	57.6	86.4
39	37.4	34.1	51.1





#57

1,3-Dichloropropane

Concen: 18.993 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY014871.D

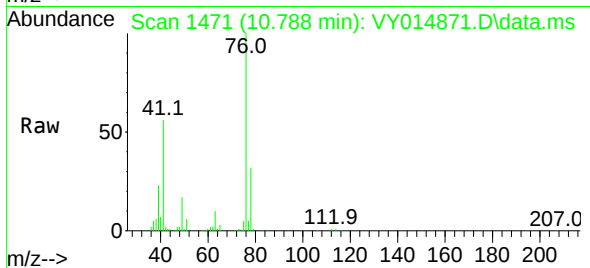
Acq: 27 Jul 2023 10:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0727SBS01



Tgt Ion: 76 Resp: 6787

Ion Ratio Lower Upper

76 100

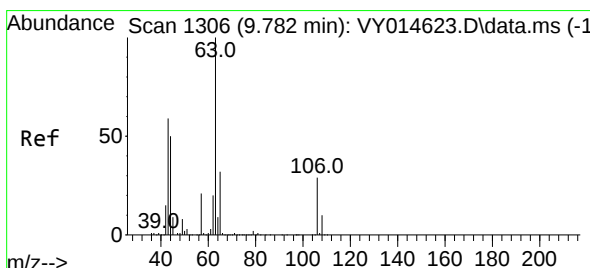
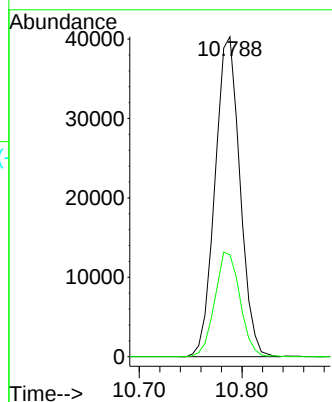
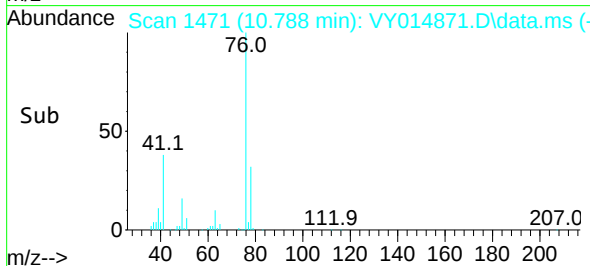
78 33.0 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/28/2023



#58

2-Chloroethyl Vinyl ether

Concen: 102.892 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.006 min

Lab File: VY014871.D

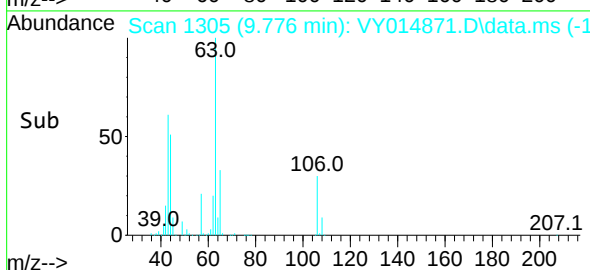
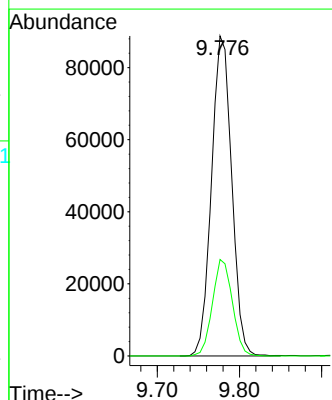
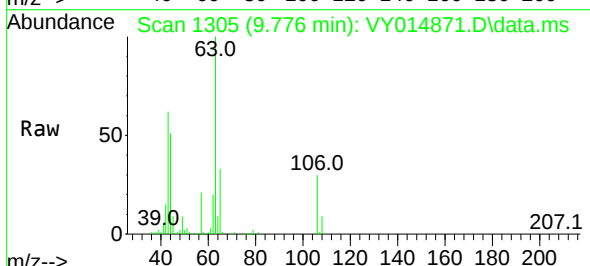
Acq: 27 Jul 2023 10:45

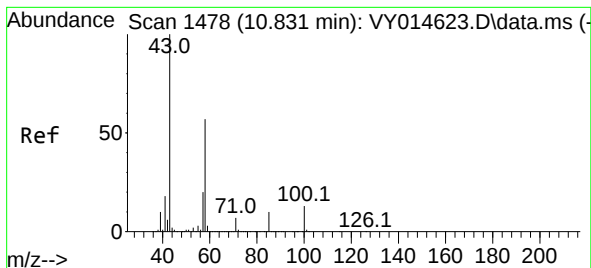
Tgt Ion: 63 Resp: 151652

Ion Ratio Lower Upper

63 100

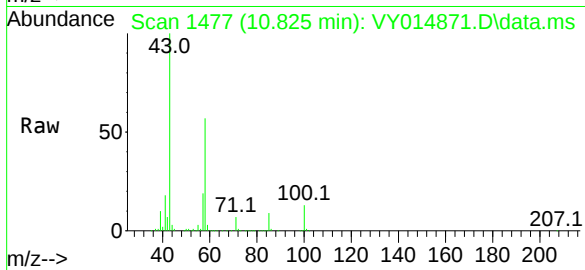
106 29.6 21.2 31.8





#59
2-Hexanone
Concen: 101.866 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VY014871.D
Acq: 27 Jul 2023 10:45

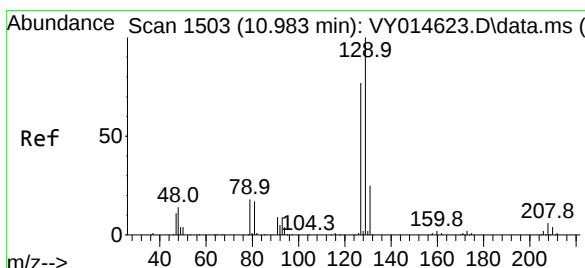
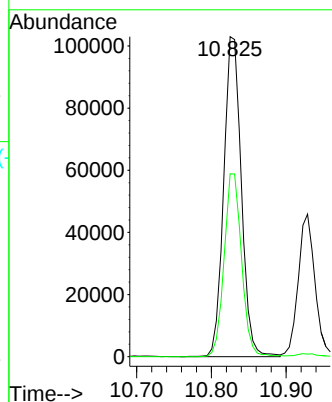
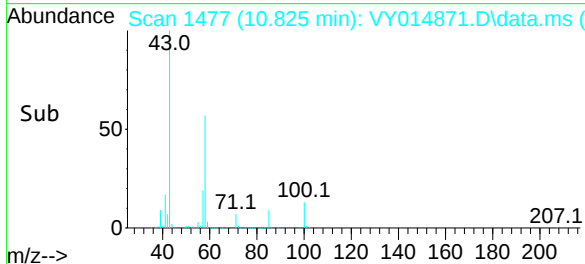
Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBS01



Tgt Ion: 43 Resp: 168879
Ion Ratio Lower Upper
43 100
58 56.6 25.1 75.3

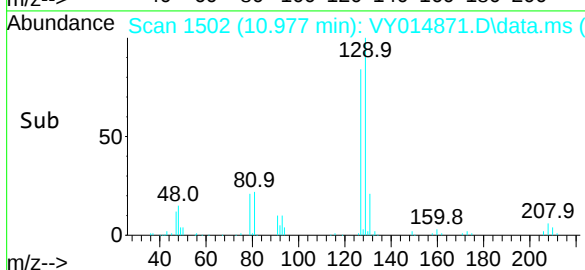
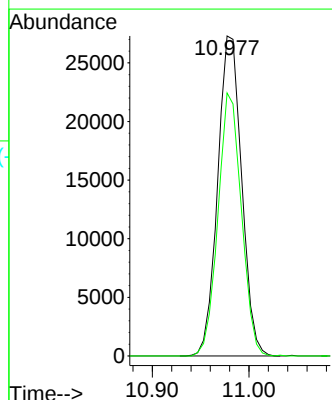
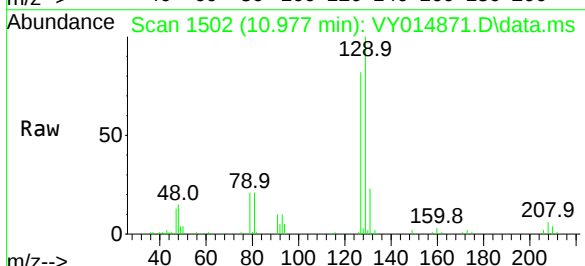
Manual Integrations
APPROVED

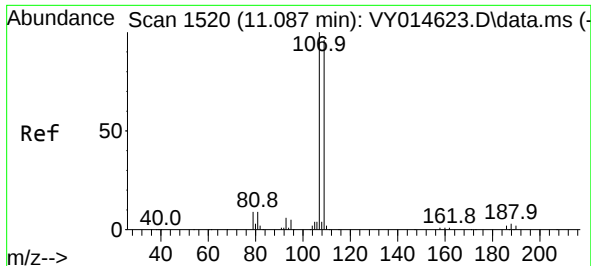
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#60
Dibromochloromethane
Concen: 18.482 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. -0.006 min
Lab File: VY014871.D
Acq: 27 Jul 2023 10:45

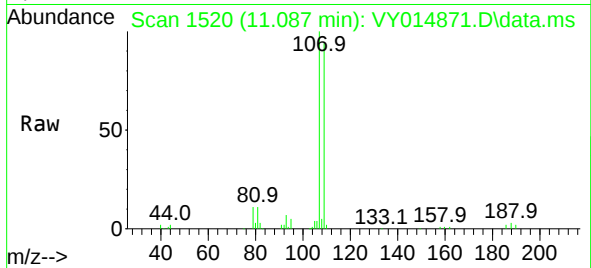
Tgt Ion:129 Resp: 46946
Ion Ratio Lower Upper
129 100
127 80.0 38.5 115.5





#61
1,2-Dibromoethane
Concen: 19.320 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY014871.D
Acq: 27 Jul 2023 10:45

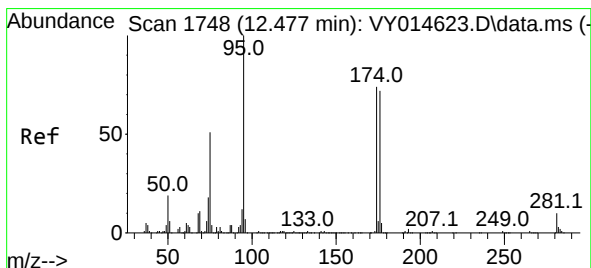
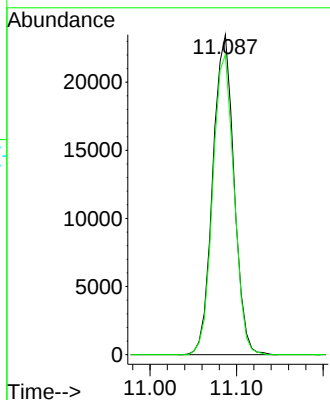
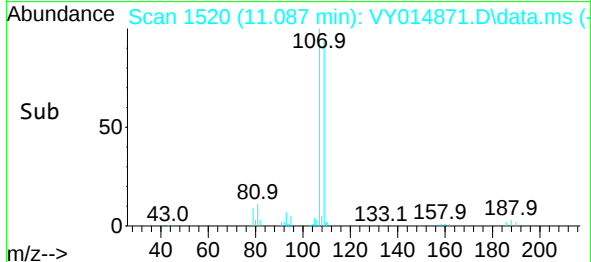
Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBS01



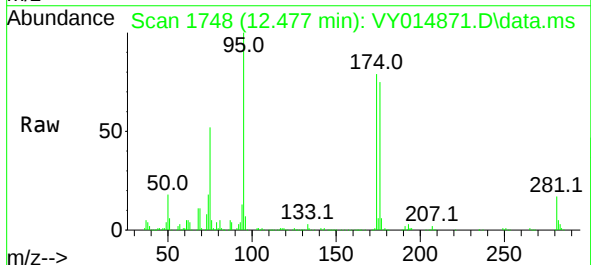
Tgt Ion:107 Resp: 39930
Ion Ratio Lower Upper
107 100
109 94.1 75.6 113.4

Manual Integrations
APPROVED

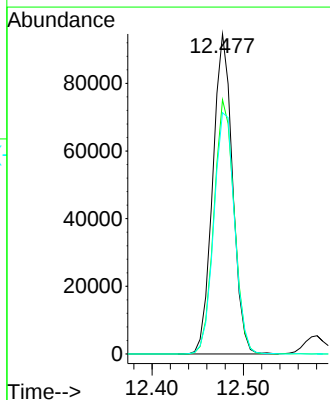
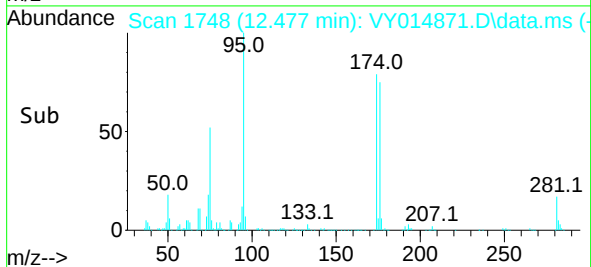
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023

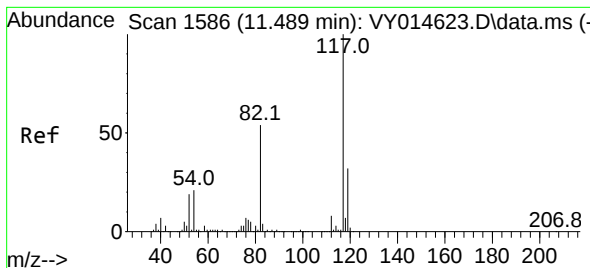


#62
4-Bromofluorobenzene
Concen: 45.581 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014871.D
Acq: 27 Jul 2023 10:45



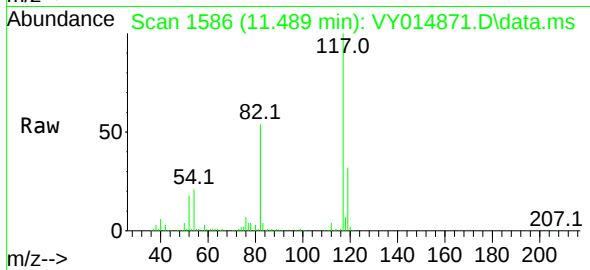
Tgt Ion: 95 Resp: 142244
Ion Ratio Lower Upper
95 100
174 81.1 0.0 178.2
176 79.3 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014871.D
Acq: 27 Jul 2023 10:45

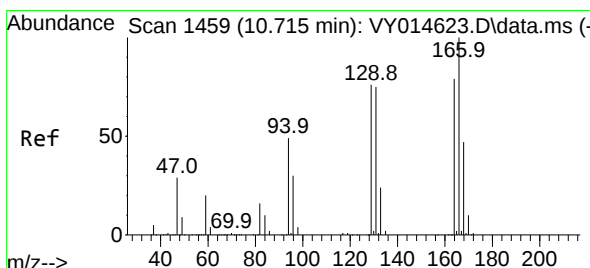
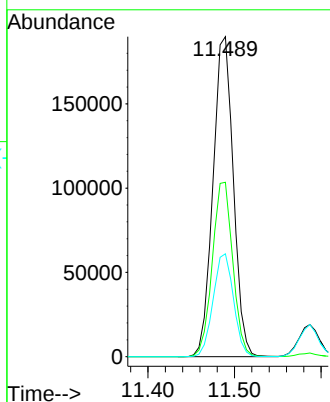
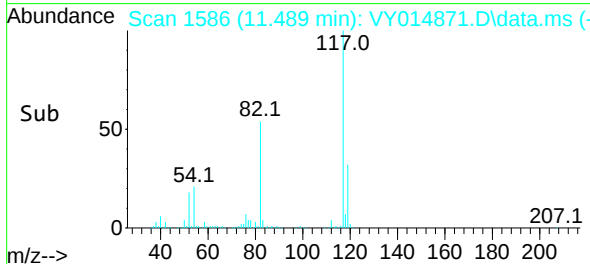
Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBS01



Tgt Ion:117 Resp: 310358
Ion Ratio Lower Upper
117 100
82 54.5 43.4 65.0
119 32.1 26.3 39.5

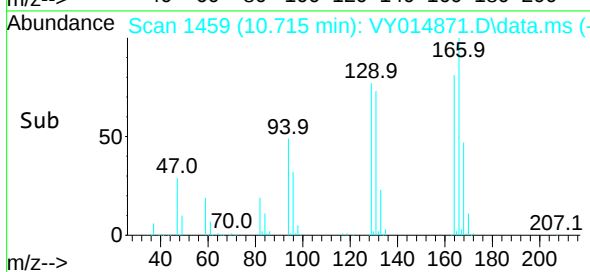
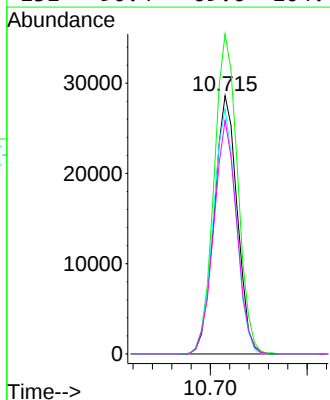
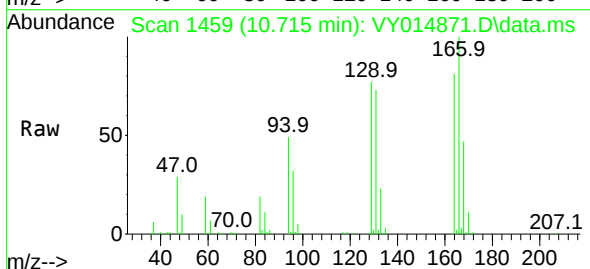
Manual Integrations
APPROVED

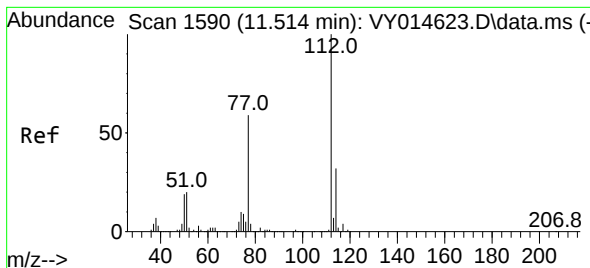
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#64
Tetrachloroethene
Concen: 18.968 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY014871.D
Acq: 27 Jul 2023 10:45

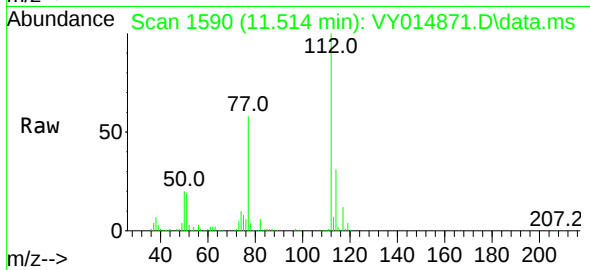
Tgt Ion:164 Resp: 47347
Ion Ratio Lower Upper
164 100
166 123.9 103.0 154.6
129 94.9 77.2 115.8
131 90.4 69.6 104.4





#65
Chlorobenzene
Concen: 18.270 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. -0.000 min
Lab File: VY014871.D
Acq: 27 Jul 2023 10:45

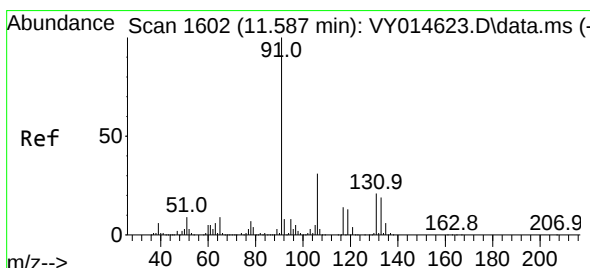
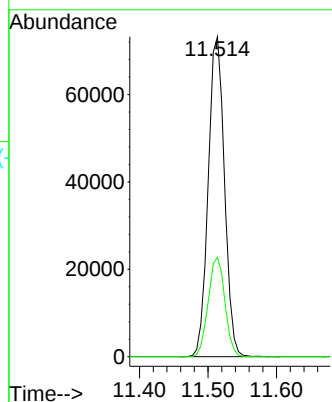
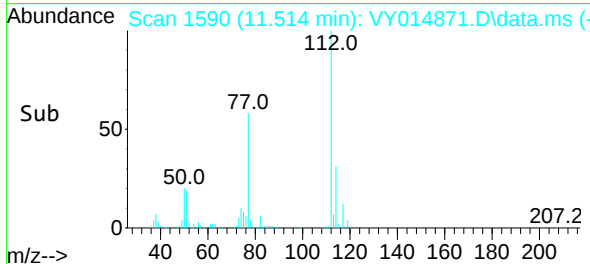
Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBS01



Tgt Ion:112 Resp: 120829
Ion Ratio Lower Upper
112 100
114 31.0 25.5 38.3

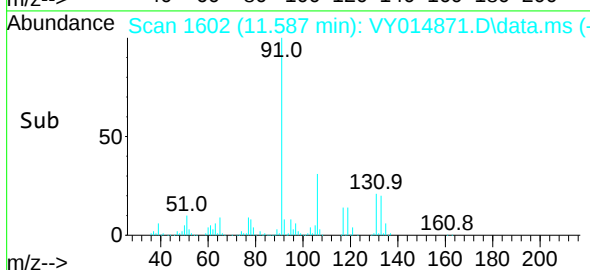
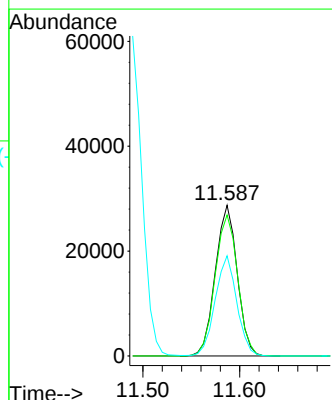
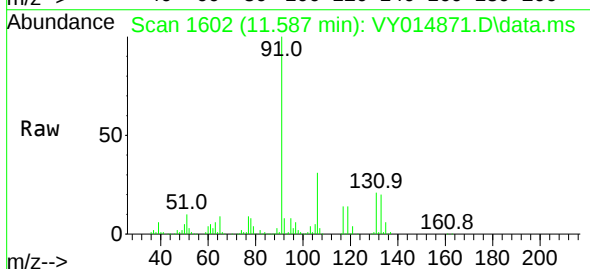
Manual Integrations
APPROVED

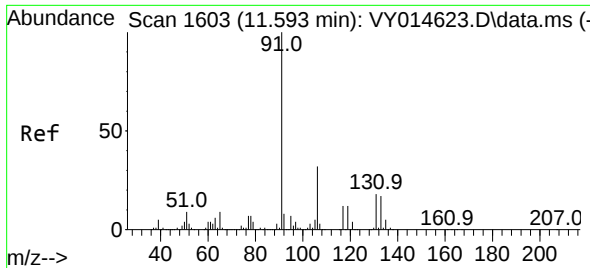
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 18.133 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY014871.D
Acq: 27 Jul 2023 10:45

Tgt Ion:131 Resp: 45216
Ion Ratio Lower Upper
131 100
133 96.5 47.5 142.6
119 65.6 31.6 94.7





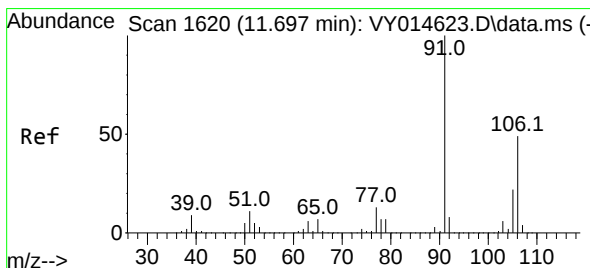
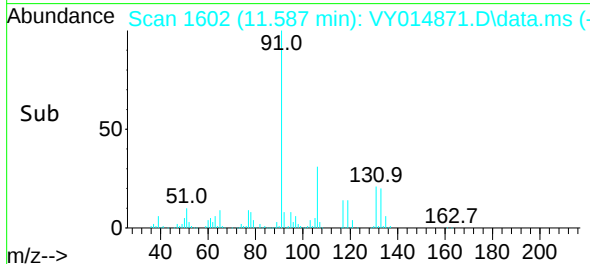
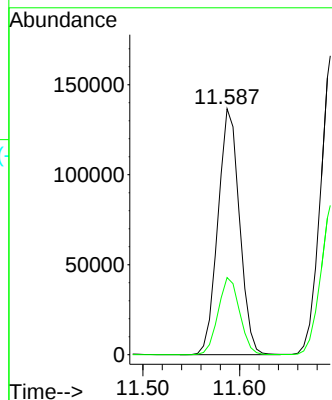
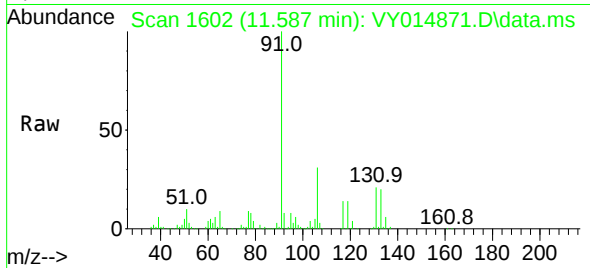
#67
Ethyl Benzene
Concen: 17.707 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY014871.D
Acq: 27 Jul 2023 10:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBS01

Tgt Ion: 91 Resp: 21144
Ion Ratio Lower Upper
91 100
106 31.4 24.6 36.8

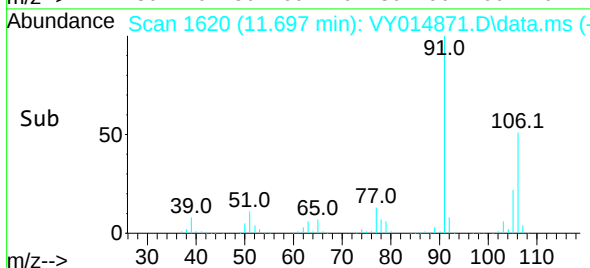
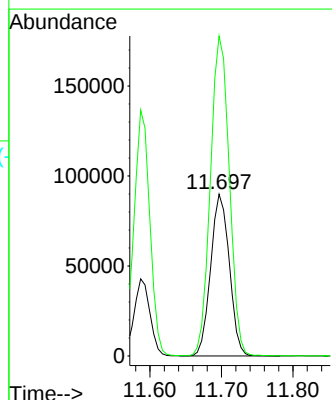
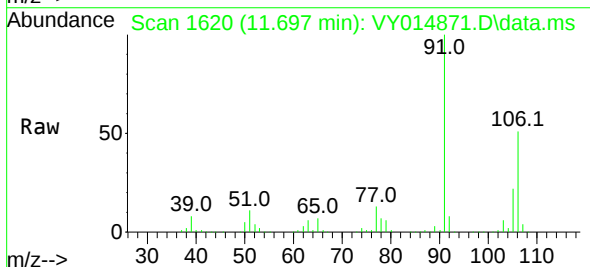
Manual Integrations
APPROVED

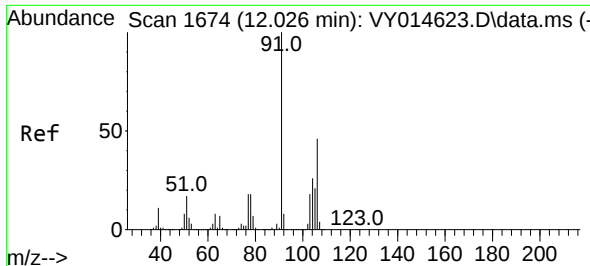
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#68
m/p-Xylenes
Concen: 35.724 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VY014871.D
Acq: 27 Jul 2023 10:45

Tgt Ion:106 Resp: 162835
Ion Ratio Lower Upper
106 100
91 200.7 166.1 249.1





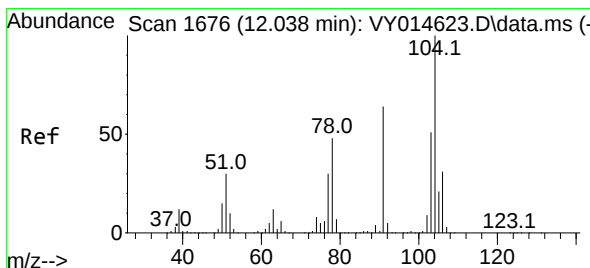
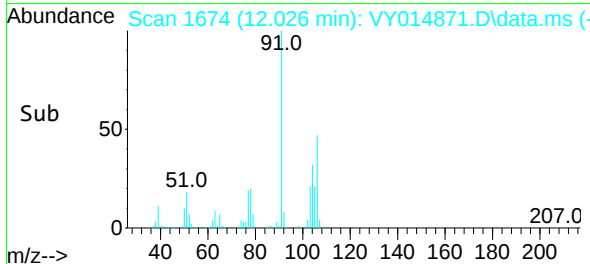
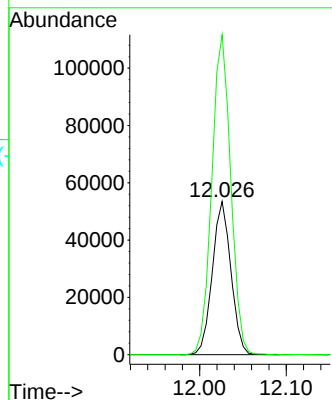
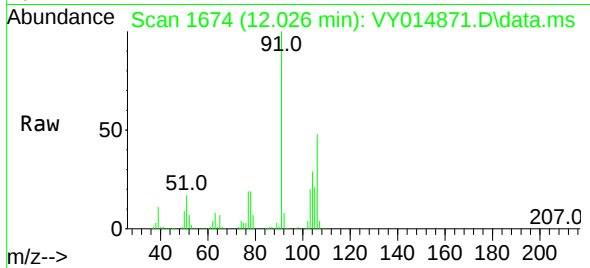
#69
o-Xylene
Concen: 17.984 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY014871.D
Acq: 27 Jul 2023 10:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBS01

Tgt Ion:106 Resp: 7984
Ion Ratio Lower Upper
106 100
91 212.3 108.1 324.3

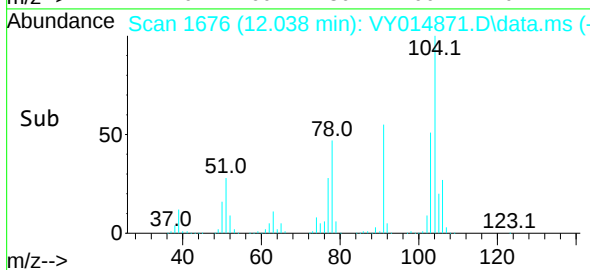
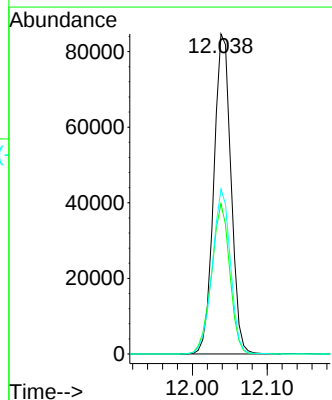
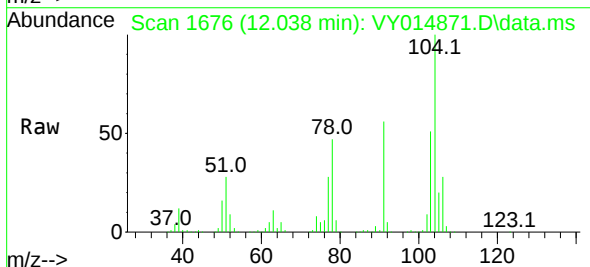
Manual Integrations
APPROVED

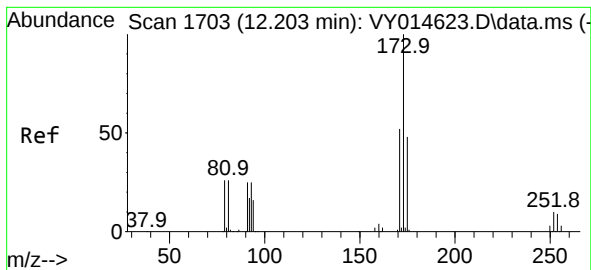
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#70
Styrene
Concen: 18.133 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY014871.D
Acq: 27 Jul 2023 10:45

Tgt Ion:104 Resp: 135686
Ion Ratio Lower Upper
104 100
78 50.1 41.5 62.3
103 54.3 44.6 67.0





#71

Bromoform

Concen: 18.687 ug/l

RT: 12.203 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VY014871.D

Acq: 27 Jul 2023 10:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0727SBS01

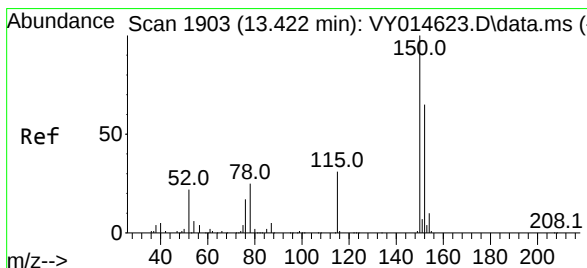
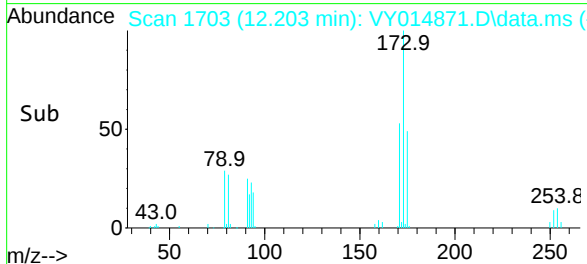
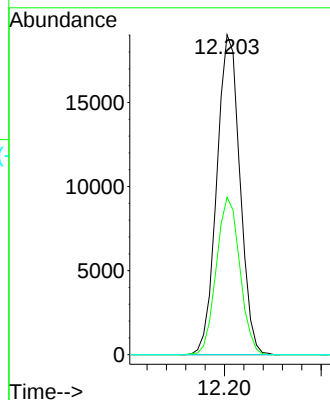
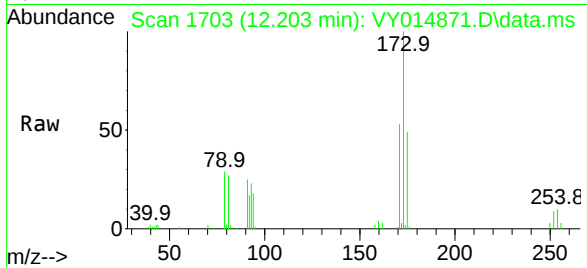
Tgt Ion:173	Resp:	31580
Ion Ratio	Lower	Upper
173	100	
175	49.9	24.6 73.8
254	0.0	0.2 0.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/28/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

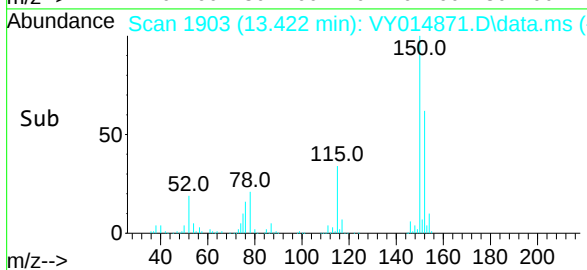
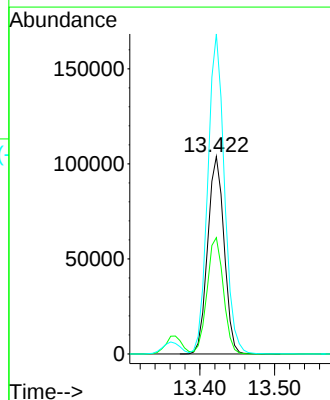
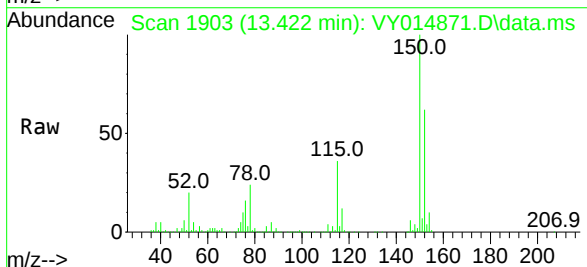
RT: 13.422 min Scan# 1903

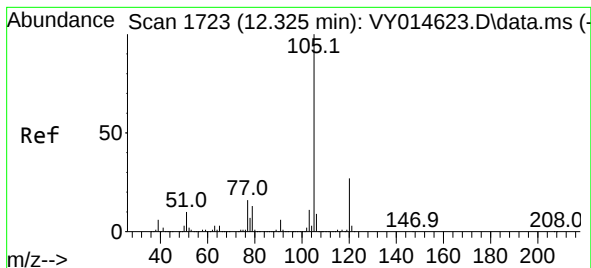
Delta R.T. 0.000 min

Lab File: VY014871.D

Acq: 27 Jul 2023 10:45

Tgt Ion:152	Resp:	158382
Ion Ratio	Lower	Upper
152	100	
115	58.8	28.8 86.5
150	164.1	0.0 348.8





#73

Isopropylbenzene

Concen: 16.826 ug/l

RT: 12.325 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY014871.D

Acq: 27 Jul 2023 10:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0727SBS01

Tgt Ion:105 Resp: 20866

Ion Ratio Lower Upper

105 100

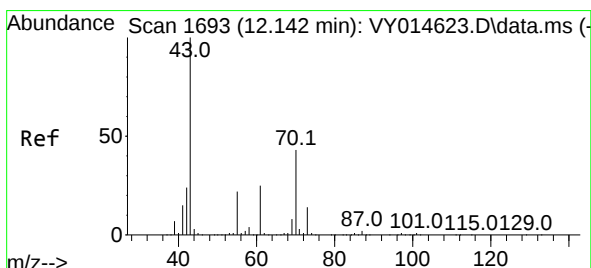
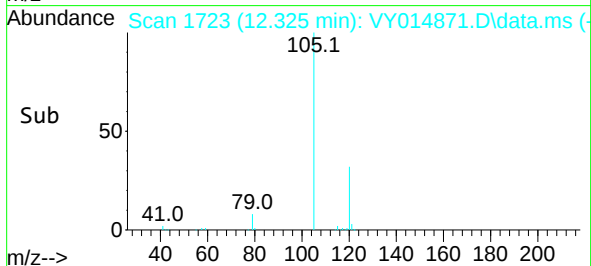
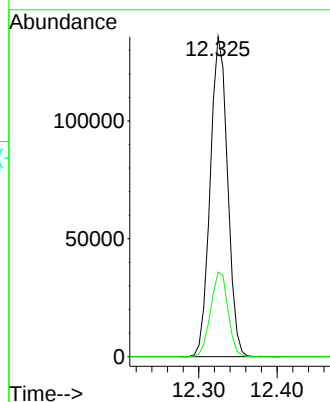
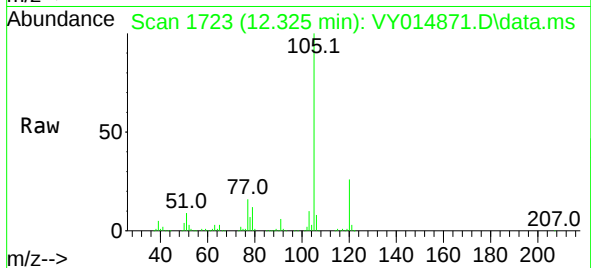
120 26.5 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/28/2023



#74

N-ethyl acetate

Concen: 17.312 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY014871.D

Acq: 27 Jul 2023 10:45

Tgt Ion: 43 Resp: 71905

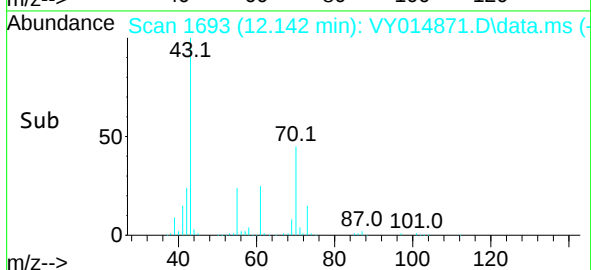
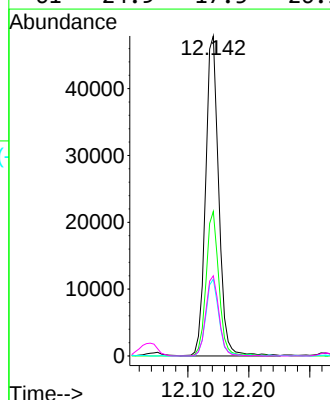
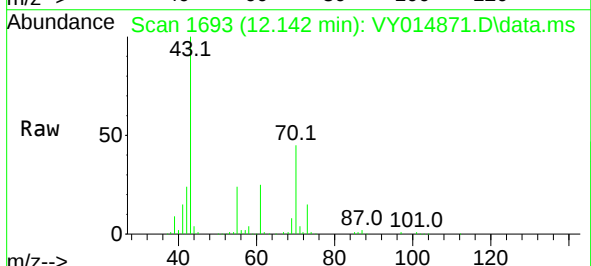
Ion Ratio Lower Upper

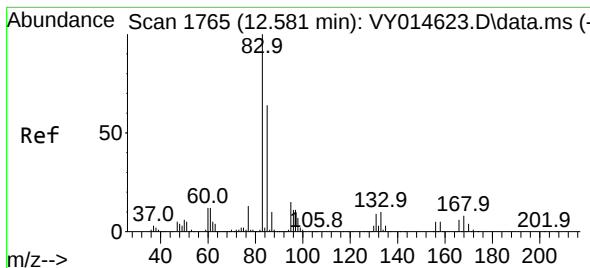
43 100

70 44.1 29.7 44.5

55 23.6 18.3 27.5

61 24.9 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 17.952 ug/l

RT: 12.575 min Scan# 1764

Delta R.T. -0.006 min

Lab File: VY014871.D

Acq: 27 Jul 2023 10:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0727SBS01

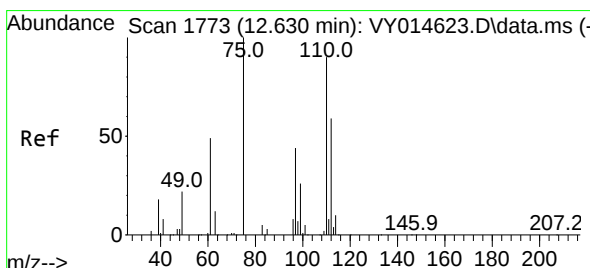
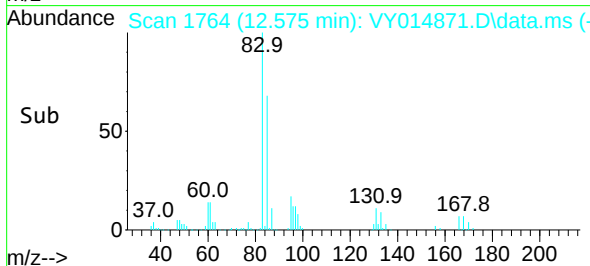
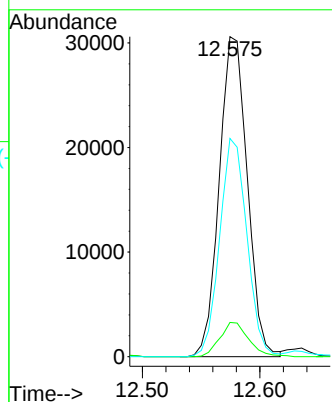
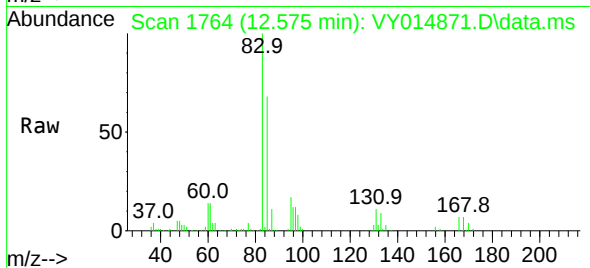
Tgt Ion: 83	Resp: 5076
Ion Ratio	Lower Upper
83 100	
131 11.0	5.4 16.2
85 66.4	31.8 95.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/28/2023



#76

1,2,3-Trichloropropane

Concen: 17.899 ug/l m

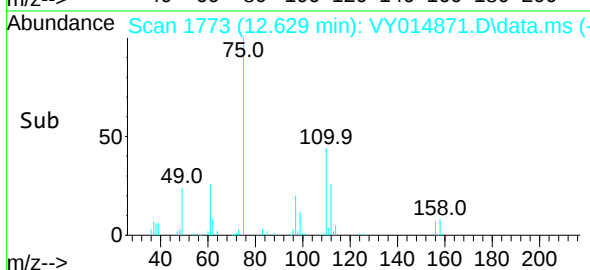
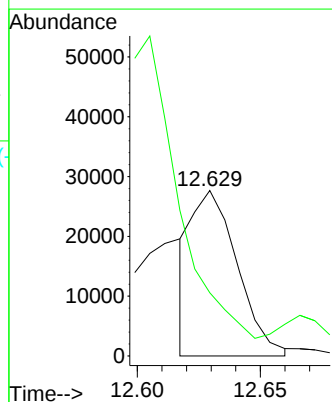
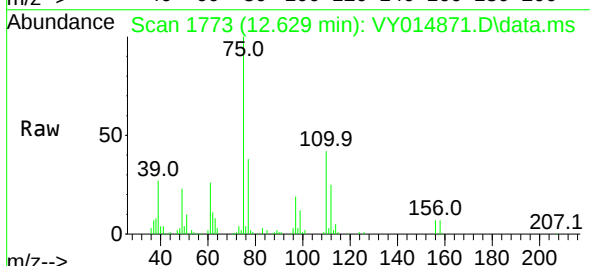
RT: 12.629 min Scan# 1773

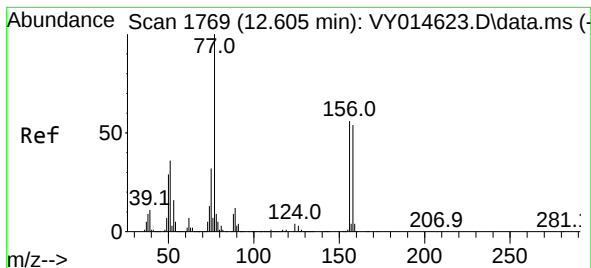
Delta R.T. -0.001 min

Lab File: VY014871.D

Acq: 27 Jul 2023 10:45

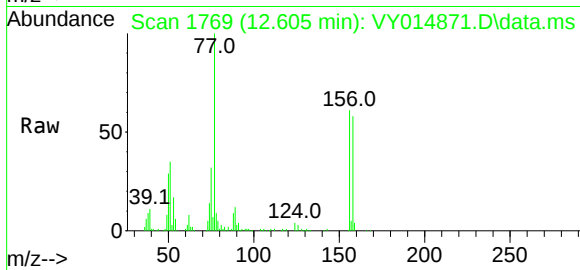
Tgt Ion: 75	Resp: 35803
Ion Ratio	Lower Upper
75 100	
77 0.0	0.0 0.0





#77
Bromobenzene
Concen: 18.094 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY014871.D
Acq: 27 Jul 2023 10:45

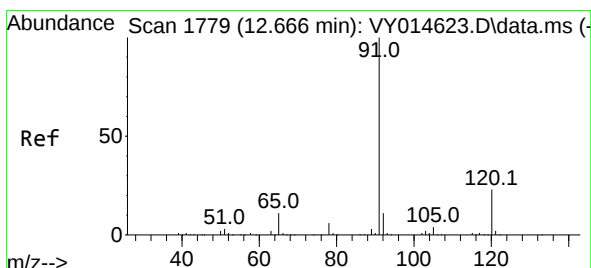
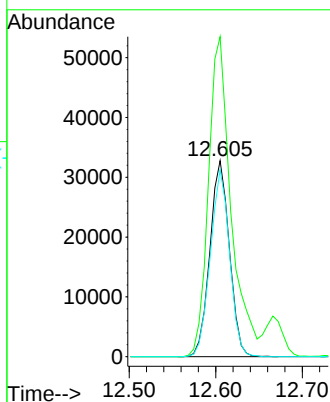
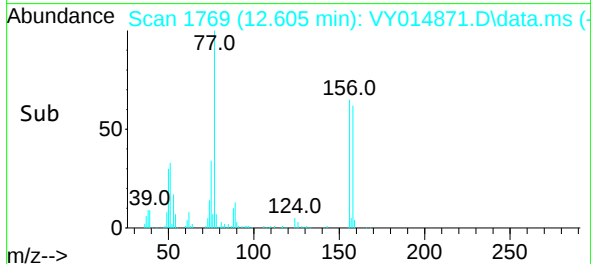
Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBS01



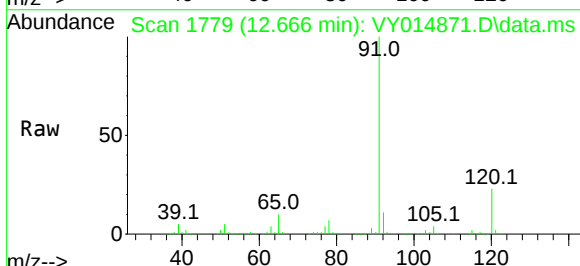
Tgt Ion:156 Resp: 51220
Ion Ratio Lower Upper
156 100
77 188.5 92.8 278.6
158 94.2 48.4 145.3

Manual Integrations
APPROVED

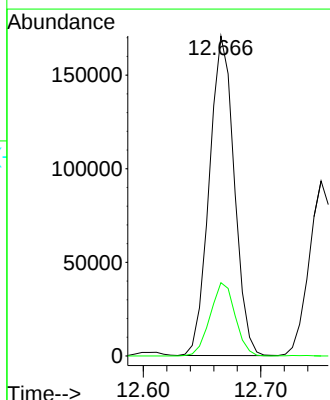
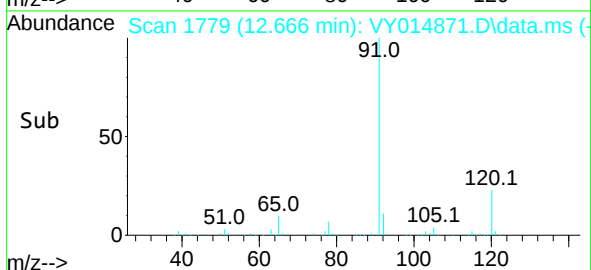
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023

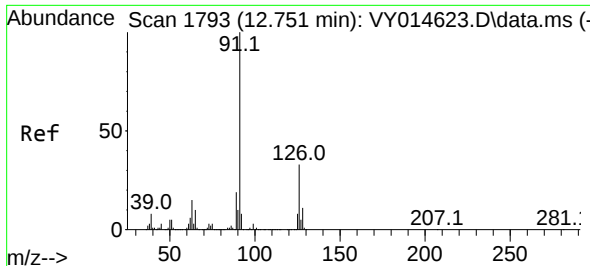


#78
n-propylbenzene
Concen: 16.860 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VY014871.D
Acq: 27 Jul 2023 10:45



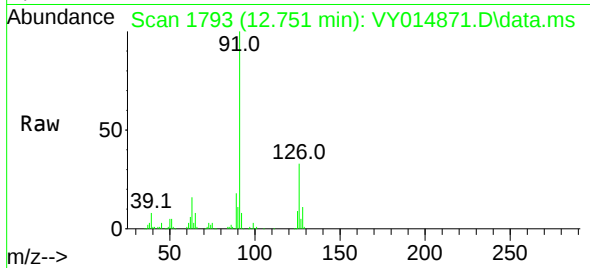
Tgt Ion: 91 Resp: 251955
Ion Ratio Lower Upper
91 100
120 23.0 11.5 34.4





#79
2-Chlorotoluene
Concen: 16.590 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VY014871.D
Acq: 27 Jul 2023 10:45

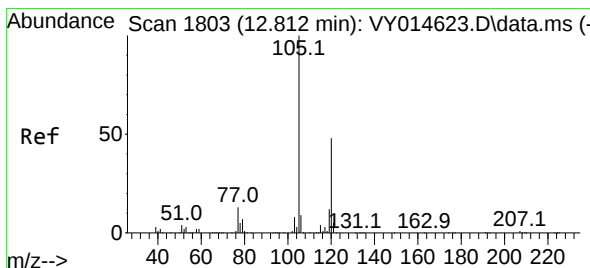
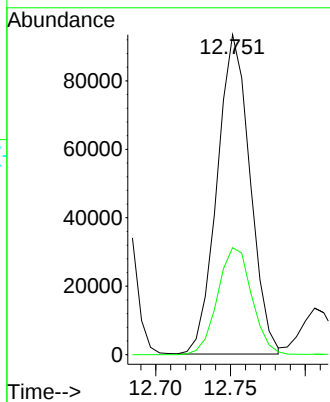
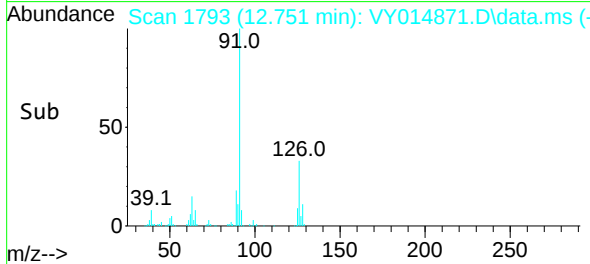
Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBS01



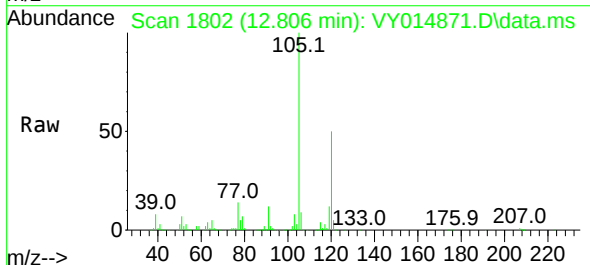
Tgt Ion: 91 Resp: 142795
Ion Ratio Lower Upper
91 100
126 34.8 17.3 51.7

Manual Integrations
APPROVED

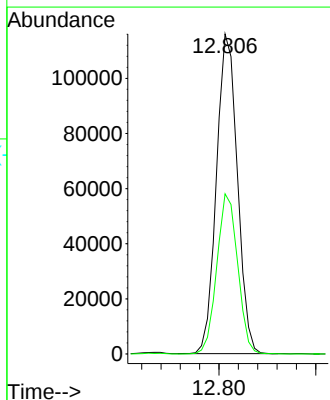
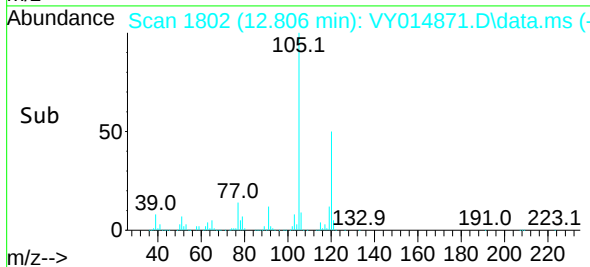
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023

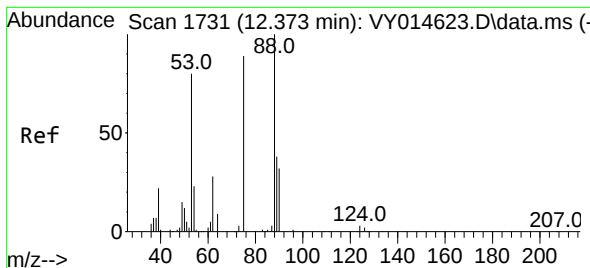


#80
1,3,5-Trimethylbenzene
Concen: 16.807 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY014871.D
Acq: 27 Jul 2023 10:45



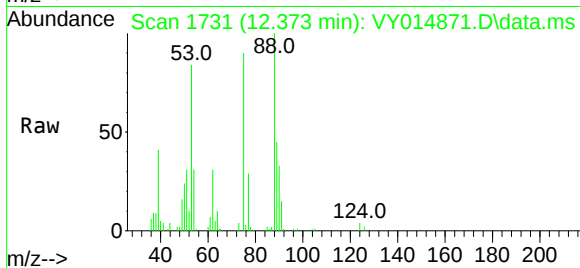
Tgt Ion:105 Resp: 174069
Ion Ratio Lower Upper
105 100
120 49.9 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 15.921 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY014871.D
Acq: 27 Jul 2023 10:45

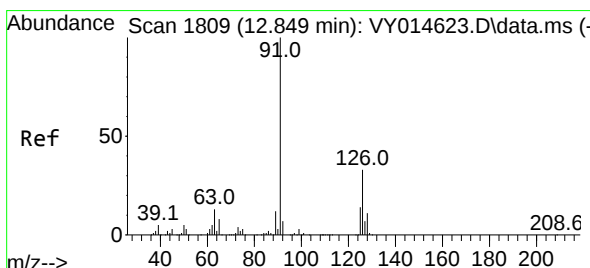
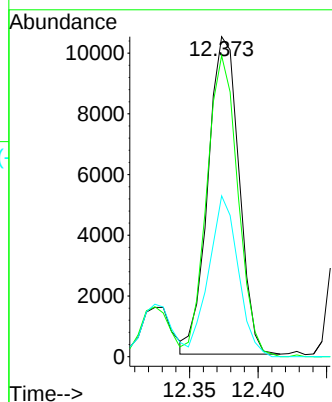
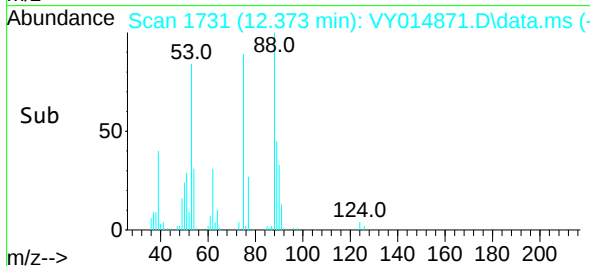
Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBS01



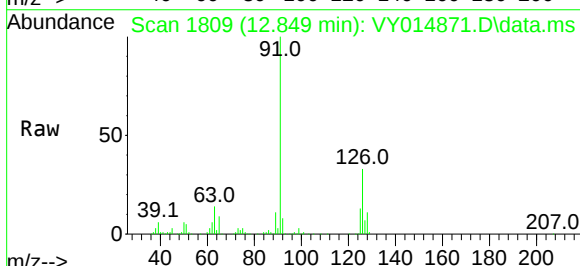
Tgt Ion: 75 Resp: 16448
Ion Ratio Lower Upper
75 100
53 95.3 77.8 116.8
89 48.0 37.4 56.0

Manual Integrations
APPROVED

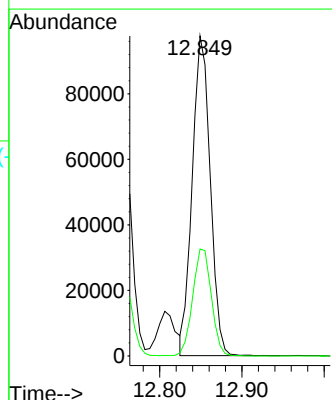
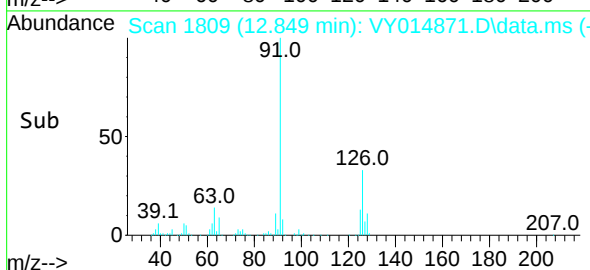
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023

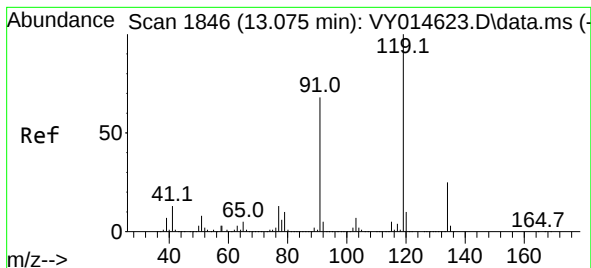


#82
4-Chlorotoluene
Concen: 16.687 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.000 min
Lab File: VY014871.D
Acq: 27 Jul 2023 10:45



Tgt Ion: 91 Resp: 147922
Ion Ratio Lower Upper
91 100
126 34.9 17.2 51.6





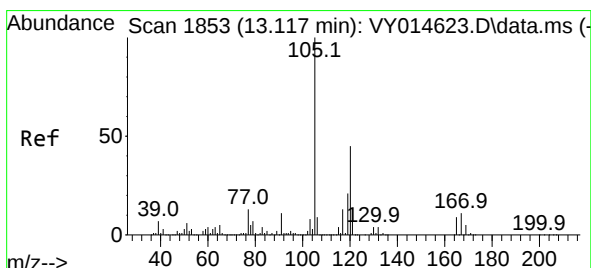
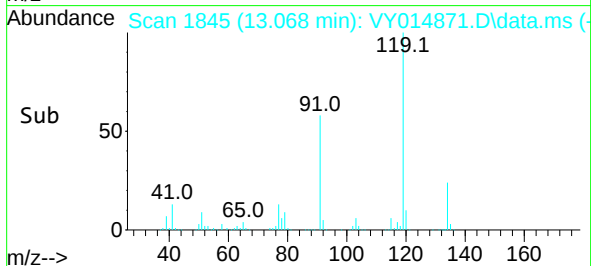
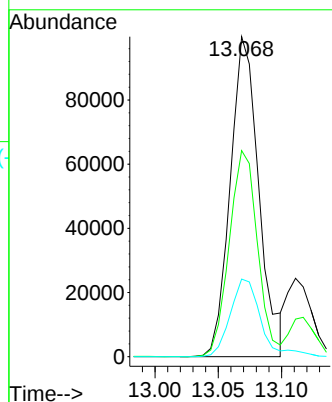
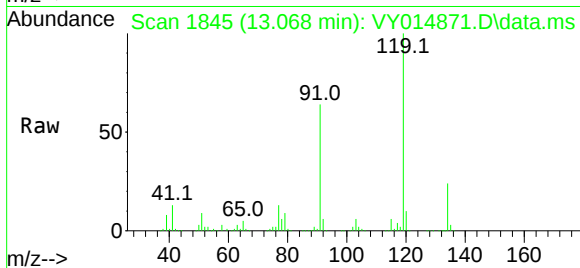
#83
tert-Butylbenzene
Concen: 17.106 ug/l
RT: 13.068 min Scan# 1845
Delta R.T. -0.007 min
Lab File: VY014871.D
Acq: 27 Jul 2023 10:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBS01

Tgt Ion:119 Resp: 15716
Ion Ratio Lower Upper
119 100
91 63.8 32.9 98.6
134 25.9 13.0 38.9

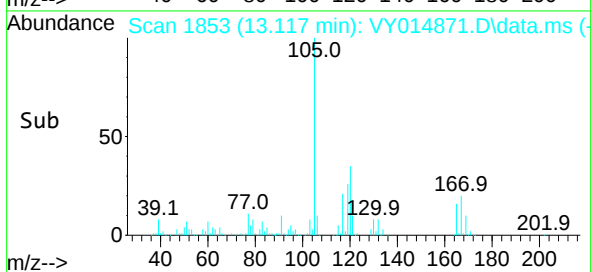
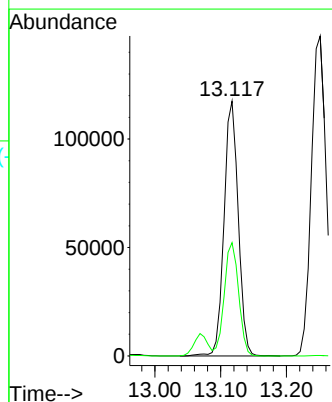
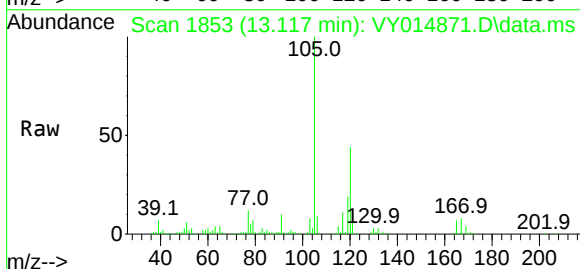
Manual Integrations
APPROVED

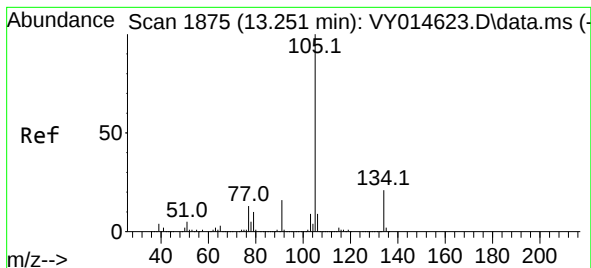
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#84
1,2,4-Trimethylbenzene
Concen: 17.389 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY014871.D
Acq: 27 Jul 2023 10:45

Tgt Ion:105 Resp: 176748
Ion Ratio Lower Upper
105 100
120 45.0 22.2 66.6





#85

sec-Butylbenzene

Concen: 17.102 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY014871.D

Acq: 27 Jul 2023 10:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0727SBS01

Tgt Ion:105 Resp: 23048

Ion Ratio Lower Upper

105 100

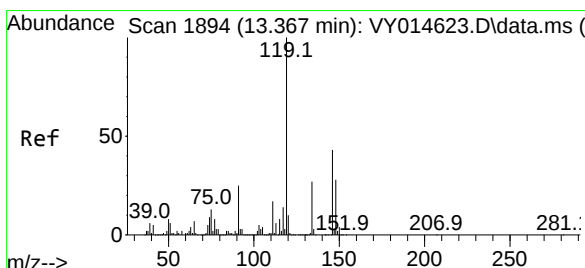
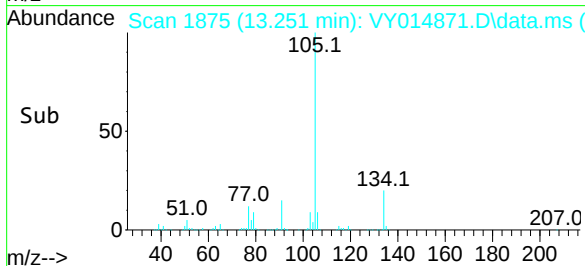
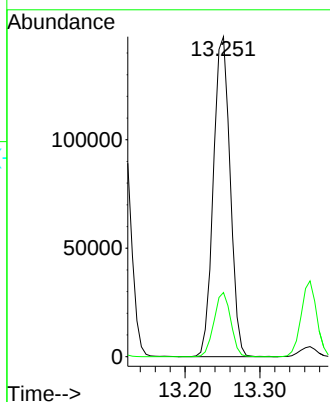
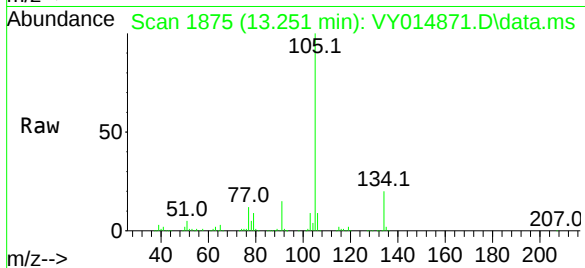
134 20.0 10.2 30.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/28/2023



#86

p-Isopropyltoluene

Concen: 17.261 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY014871.D

Acq: 27 Jul 2023 10:45

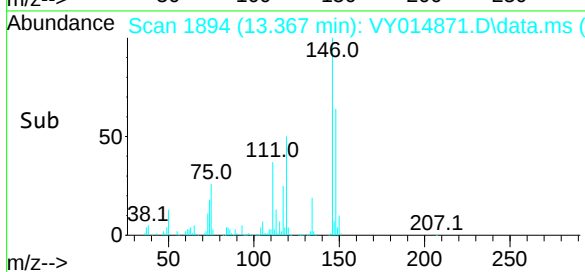
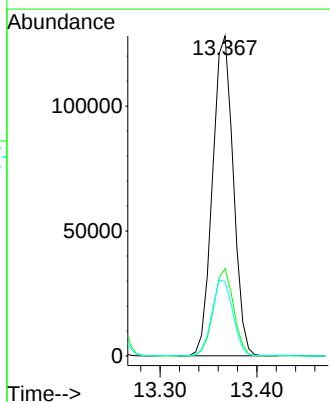
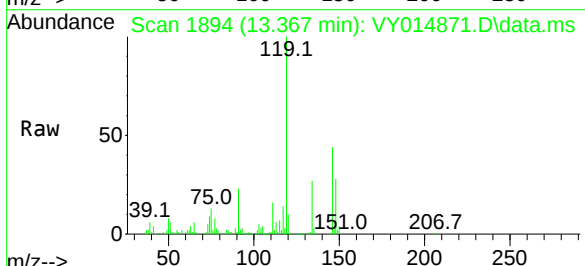
Tgt Ion:119 Resp: 189930

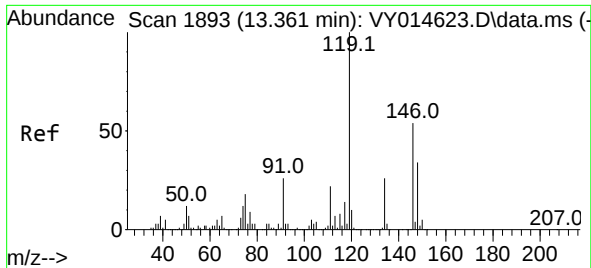
Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.8

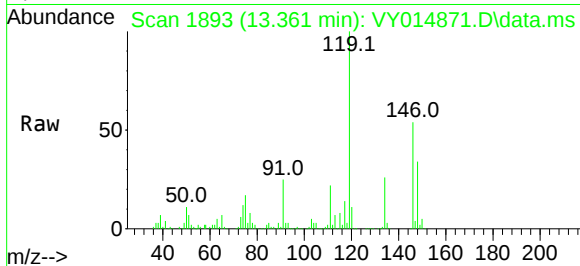
91 24.2 12.4 37.4





#87
 1,3-Dichlorobenzene
 Concen: 17.813 ug/l
 RT: 13.361 min Scan# 1893
 Delta R.T. 0.000 min
 Lab File: VY014871.D
 Acq: 27 Jul 2023 10:45

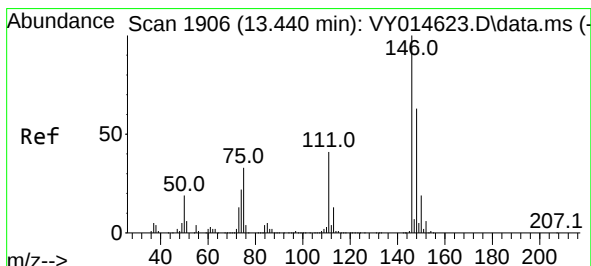
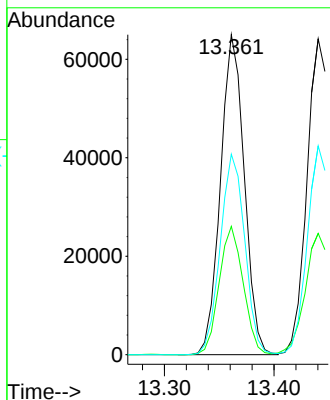
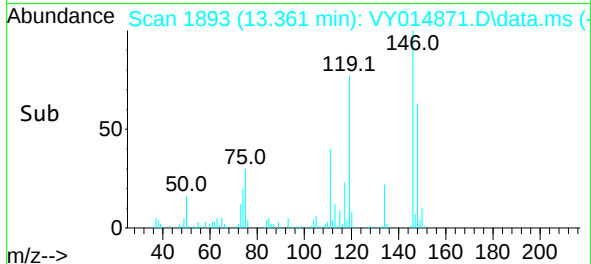
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0727SBS01



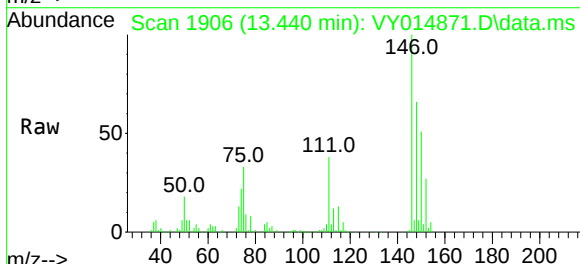
Tgt Ion:146 Resp: 9814
 Ion Ratio Lower Upper
 146 100
 111 40.5 19.4 58.2
 148 64.6 31.9 95.5

Manual Integrations
 APPROVED

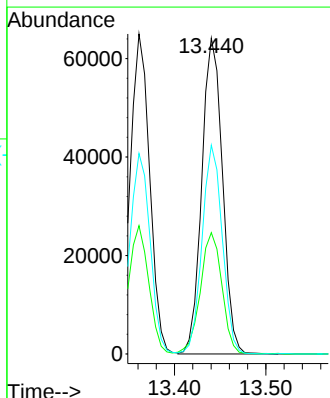
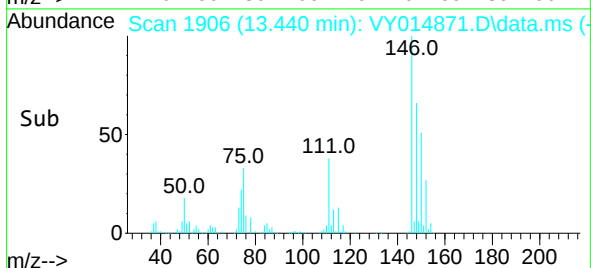
Reviewed By :John Carlone 07/28/2023
 Supervised By :Mahesh Dadoda 07/28/2023

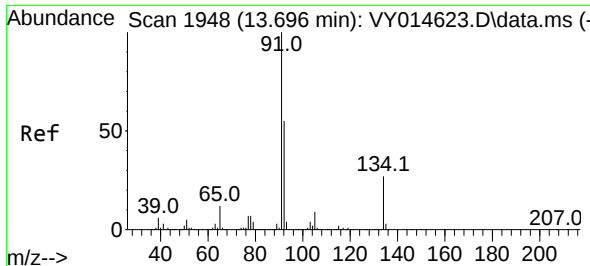


#88
 1,4-Dichlorobenzene
 Concen: 18.219 ug/l
 RT: 13.440 min Scan# 1906
 Delta R.T. 0.000 min
 Lab File: VY014871.D
 Acq: 27 Jul 2023 10:45



Tgt Ion:146 Resp: 100588
 Ion Ratio Lower Upper
 146 100
 111 39.9 18.9 56.7
 148 64.8 32.1 96.5





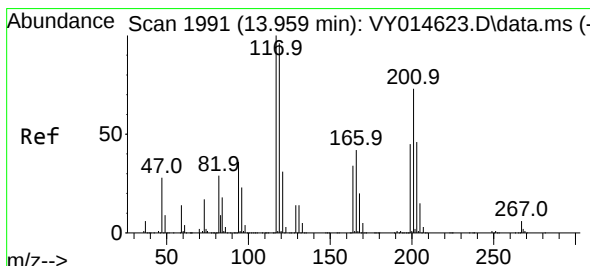
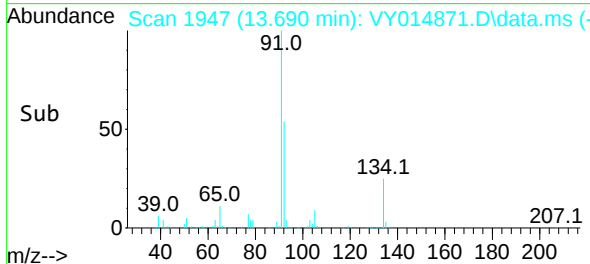
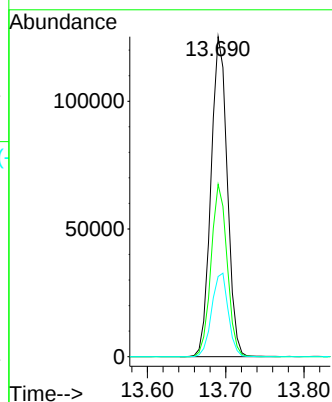
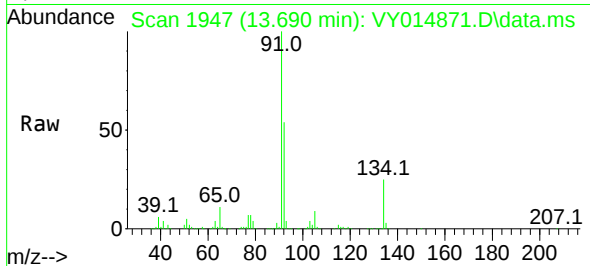
#89
n-Butylbenzene
Concen: 16.915 ug/l
RT: 13.690 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VY014871.D
Acq: 27 Jul 2023 10:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBS01

Tgt Ion: 91 Resp: 18108
Ion Ratio Lower Upper
91 100
92 53.0 25.4 76.0
134 26.4 12.6 37.6

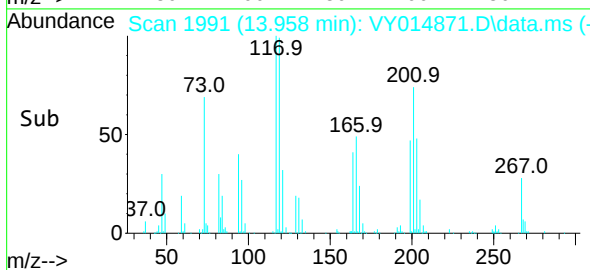
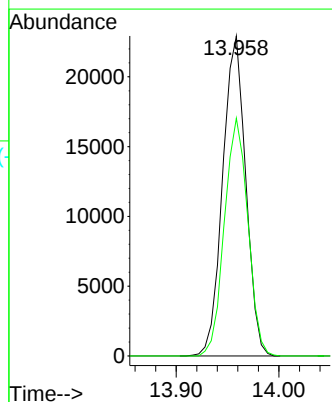
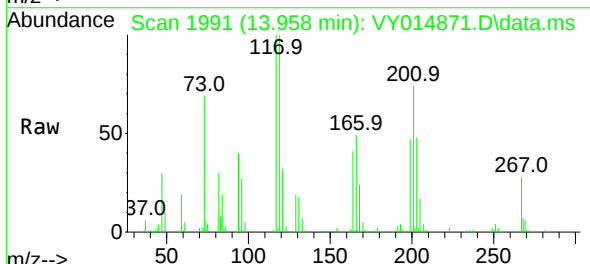
Manual Integrations
APPROVED

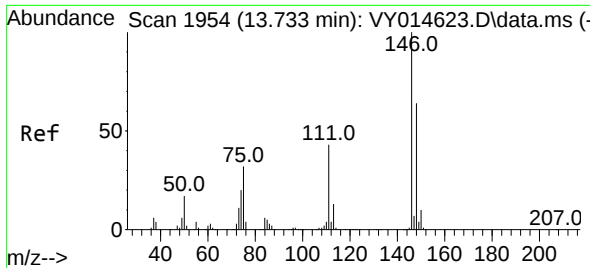
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#90
Hexachloroethane
Concen: 15.795 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.001 min
Lab File: VY014871.D
Acq: 27 Jul 2023 10:45

Tgt Ion:117 Resp: 35700
Ion Ratio Lower Upper
117 100
201 75.4 41.6 124.8





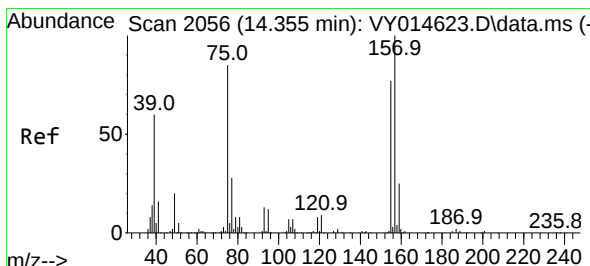
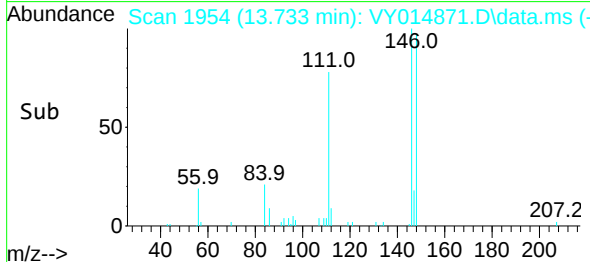
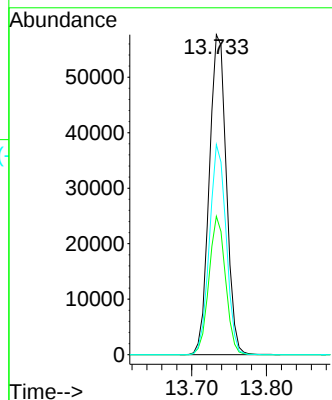
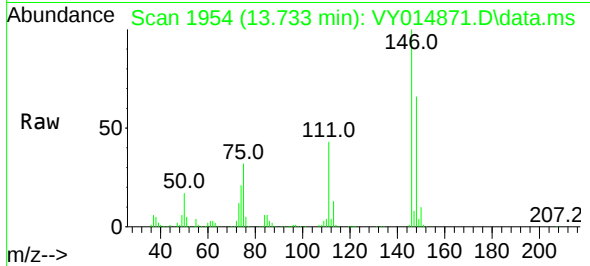
#91
1,2-Dichlorobenzene
Concen: 18.148 ug/l
RT: 13.733 min Scan# 1954
Delta R.T. -0.000 min
Lab File: VY014871.D
Acq: 27 Jul 2023 10:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBS01

Tgt Ion:146 Resp: 91608
Ion Ratio Lower Upper
146 100
111 41.9 19.7 59.0
148 64.2 32.0 96.2

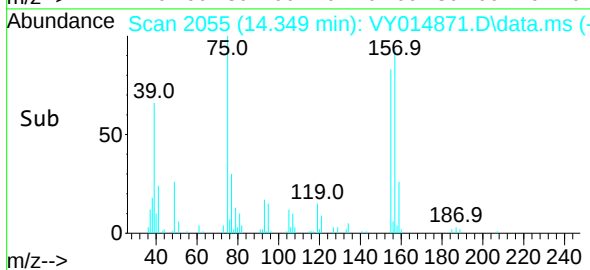
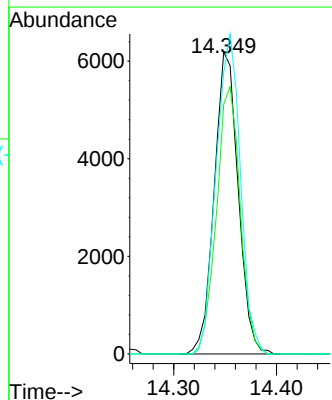
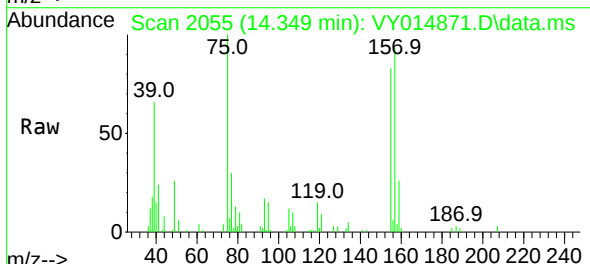
Manual Integrations
APPROVED

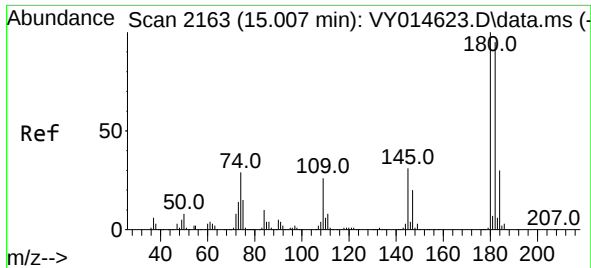
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.495 ug/l
RT: 14.349 min Scan# 2055
Delta R.T. -0.006 min
Lab File: VY014871.D
Acq: 27 Jul 2023 10:45

Tgt Ion: 75 Resp: 10003
Ion Ratio Lower Upper
75 100
155 87.7 41.5 124.6
157 107.2 51.8 155.5





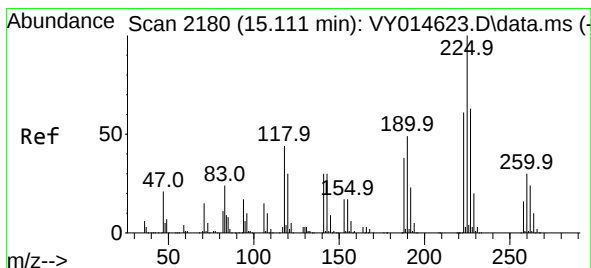
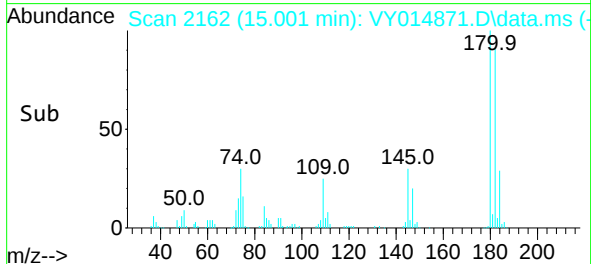
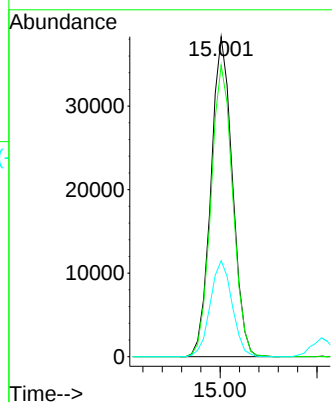
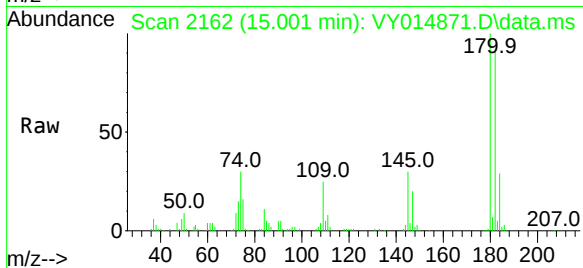
#93
1,2,4-Trichlorobenzene
Concen: 18.428 ug/l
RT: 15.001 min Scan# 2162
Delta R.T. -0.006 min
Lab File: VY014871.D
Acq: 27 Jul 2023 10:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBS01

Tgt Ion:180 Resp: 59050
Ion Ratio Lower Upper
180 100
182 92.2 47.0 141.2
145 30.5 14.5 43.5

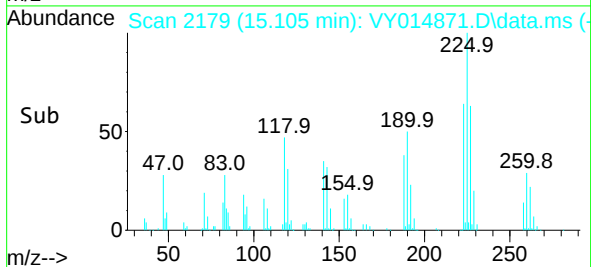
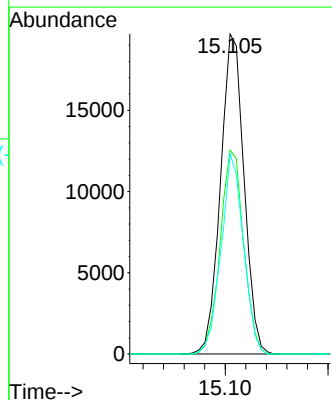
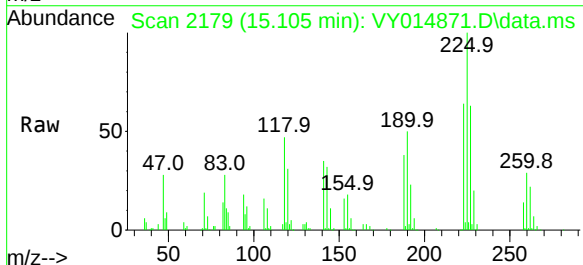
Manual Integrations
APPROVED

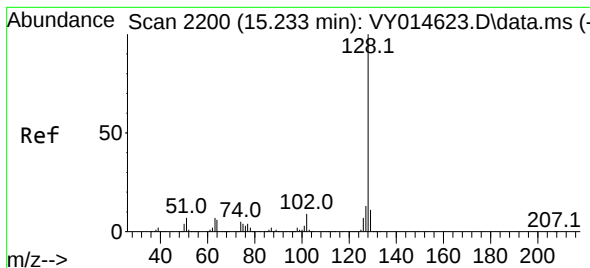
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#94
Hexachlorobutadiene
Concen: 17.721 ug/l
RT: 15.105 min Scan# 2179
Delta R.T. -0.006 min
Lab File: VY014871.D
Acq: 27 Jul 2023 10:45

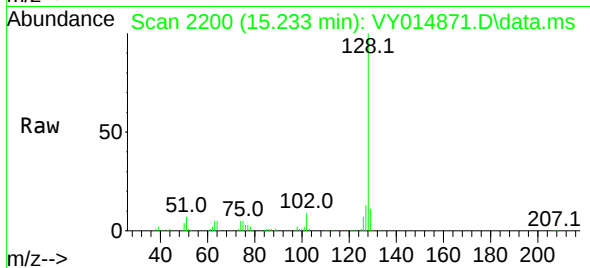
Tgt Ion:225 Resp: 31204
Ion Ratio Lower Upper
225 100
223 63.6 31.9 95.9
227 59.5 33.0 98.9





#95
Naphthalene
Concen: 18.814 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY014871.D
Acq: 27 Jul 2023 10:45

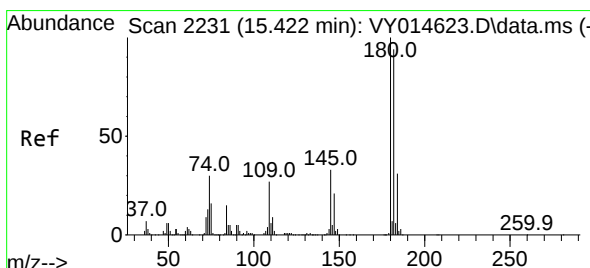
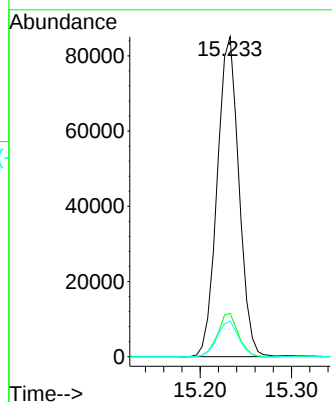
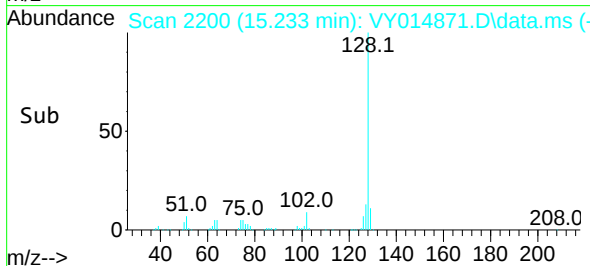
Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBS01



Tgt Ion:128 Resp: 140449
Ion Ratio Lower Upper
128 100
127 12.9 10.8 16.2
129 11.1 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#96
1,2,3-Trichlorobenzene
Concen: 18.463 ug/l
RT: 15.416 min Scan# 2230
Delta R.T. -0.006 min
Lab File: VY014871.D
Acq: 27 Jul 2023 10:45

Tgt Ion:180 Resp: 52578
Ion Ratio Lower Upper
180 100
182 93.5 47.3 141.8
145 32.9 15.4 46.2

