

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072023\
 Data File : VY014711.D
 Acq On : 20 Jul 2023 10:50
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 20 14:08:34 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

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/21/2023
 Supervised By : Mahesh Dadoda 07/21/2023

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	248070	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	409806	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	365315	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	183207	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	138515	49.000	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.000%		
35) Dibromofluoromethane	7.716	113	128387	49.214	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.420%		
50) Toluene-d8	10.179	98	456438	47.458	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	94.920%		
62) 4-Bromofluorobenzene	12.483	95	171953	46.627	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	93.260%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	81039	40.097	ug/l	97
3) Chloromethane	2.113	50	109990	48.414	ug/l	98
4) Vinyl Chloride	2.247	62	126276	49.734	ug/l	99
5) Bromomethane	2.643	94	90499	53.935	ug/l	98
6) Chloroethane	2.790	64	83914	52.909	ug/l	97
7) Trichlorofluoromethane	3.119	101	191067	44.806	ug/l	99
8) Diethyl Ether	3.527	74	73435	46.284	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.893	101	115348	44.131	ug/l	96
10) Methyl Iodide	4.088	142	130285	47.162	ug/l	97
11) Tert butyl alcohol	4.948	59	116170	193.055	ug/l #	85
12) 1,1-Dichloroethene	3.869	96	106587	43.632	ug/l	93
13) Acrolein	3.729	56	60144	203.559	ug/l	98
14) Allyl chloride	4.472	41	183106	42.215	ug/l	97
15) Acrylonitrile	5.155	53	212416	242.782	ug/l	98
16) Acetone	3.942	43	223979	250.034	ug/l	95
17) Carbon Disulfide	4.192	76	287416	41.096	ug/l	100
18) Methyl Acetate	4.472	43	163578	47.584	ug/l	94
19) Methyl tert-butyl Ether	5.216	73	375712	47.347	ug/l	100
20) Methylene Chloride	4.710	84	135667	46.308	ug/l	91
21) trans-1,2-Dichloroethene	5.216	96	122874	44.323	ug/l	96
22) Diisopropyl ether	6.112	45	401410	45.520	ug/l	92
23) Vinyl Acetate	6.051	43	1223193	231.789	ug/l	95
24) 1,1-Dichloroethane	6.015	63	227908	45.168	ug/l	99
25) 2-Butanone	6.978	43	313023	238.850	ug/l	95
26) 2,2-Dichloropropane	6.972	77	214964	44.702	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	149481	46.324	ug/l	95
28) Bromochloromethane	7.332	49	100762	46.368	ug/l	92
29) Tetrahydrofuran	7.344	42	190221	235.722	ug/l	92
30) Chloroform	7.502	83	242049	46.519	ug/l	97
31) Cyclohexane	7.783	56	186490	39.741	ug/l	92
32) 1,1,1-Trichloroethane	7.697	97	212965	45.477	ug/l	99
36) 1,1-Dichloropropene	7.917	75	172815	44.297	ug/l	99
37) Ethyl Acetate	7.069	43	126339	47.036	ug/l #	96
38) Carbon Tetrachloride	7.899	117	188134	45.620	ug/l	99
39) Methylcyclohexane	9.185	83	215077	42.316	ug/l	95
40) Benzene	8.161	78	506005	45.605	ug/l	99

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Manual Integrations APPROVED

Reviewed By : John Carlone 07/21/2023
 Supervised By : Mahesh Dadoda 07/21/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	72487m	52.467	ug/l	
42) 1,2-Dichloroethane	8.234	62	165167	47.008	ug/l	95
43) Isopropyl Acetate	8.270	43	236487	46.219	ug/l	96
44) Trichloroethene	8.941	130	140460	45.246	ug/l	98
45) 1,2-Dichloropropane	9.215	63	130697	45.111	ug/l	96
46) Dibromomethane	9.301	93	83766	47.659	ug/l	95
47) Bromodichloromethane	9.496	83	193364	46.678	ug/l	98
48) Methyl methacrylate	9.289	41	105093	45.646	ug/l	94
49) 1,4-Dioxane	9.295	88	28205	984.136	ug/l #	51
51) 4-Methyl-2-Pentanone	10.069	43	643834	239.660	ug/l	94
52) Toluene	10.240	92	323395	45.549	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	208654	46.048	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	224131	45.485	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	116078	47.411	ug/l	97
56) Ethyl methacrylate	10.508	69	175914	47.059	ug/l	89
57) 1,3-Dichloropropane	10.788	76	196477	46.527	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	420216	241.258	ug/l	94
59) 2-Hexanone	10.831	43	472003	240.928	ug/l	92
60) Dibromochloromethane	10.983	129	144137	48.017	ug/l	100
61) 1,2-Dibromoethane	11.087	107	114672	46.950	ug/l	99
64) Tetrachloroethene	10.721	164	128933	43.883	ug/l	97
65) Chlorobenzene	11.514	112	355185	45.626	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	136737	46.585	ug/l	98
67) Ethyl Benzene	11.593	91	630817	44.881	ug/l	99
68) m/p-Xylenes	11.703	106	483584	90.131	ug/l	97
69) o-Xylene	12.026	106	236750	45.304	ug/l	98
70) Styrene	12.044	104	401708	45.608	ug/l	98
71) Bromoform	12.209	173	95626	48.064	ug/l #	99
73) Isopropylbenzene	12.331	105	620510	43.256	ug/l	99
74) N-amyl acetate	12.142	43	210700	43.855	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	149043	45.560	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	112667m	48.692	ug/l	
77) Bromobenzene	12.611	156	147730	45.115	ug/l	96
78) n-propylbenzene	12.672	91	750263	43.403	ug/l	100
79) 2-Chlorotoluene	12.757	91	429851	43.173	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	523699	43.713	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	52606	44.019	ug/l	95
82) 4-Chlorotoluene	12.855	91	446838	43.576	ug/l	99
83) tert-Butylbenzene	13.074	119	461618	43.437	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	518444	44.096	ug/l	99
85) sec-Butylbenzene	13.251	105	684016	43.876	ug/l	100
86) p-Isopropyltoluene	13.367	119	565746	44.448	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	290048	45.512	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	290299	45.456	ug/l	99
89) n-Butylbenzene	13.696	91	537271	43.386	ug/l	96
90) Hexachloroethane	13.958	117	114342	43.735	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	266471	45.637	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	27187	43.457	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	169593	45.755	ug/l	99
94) Hexachlorobutadiene	15.111	225	90559	44.460	ug/l	99
95) Naphthalene	15.233	128	398445	46.141	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	151358	45.948	ug/l	98

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ClientSampleId :
VSTDCCC050

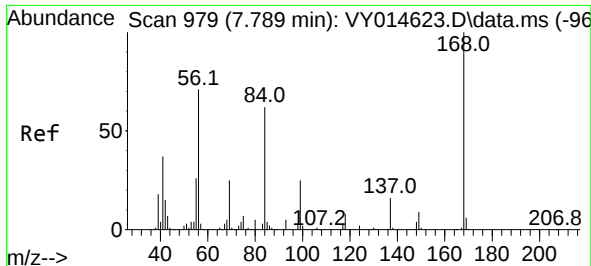
Manual Integrations
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 14 02:09:50 2023
Response via : Initial Calibration

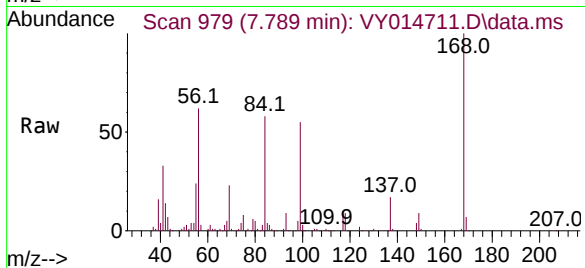
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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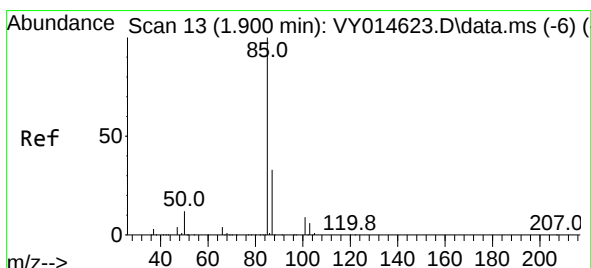
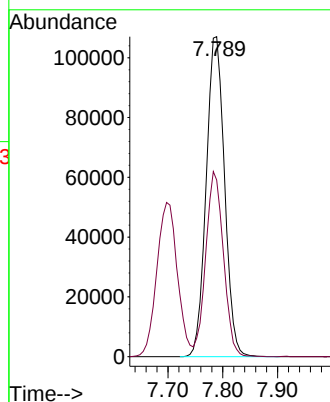
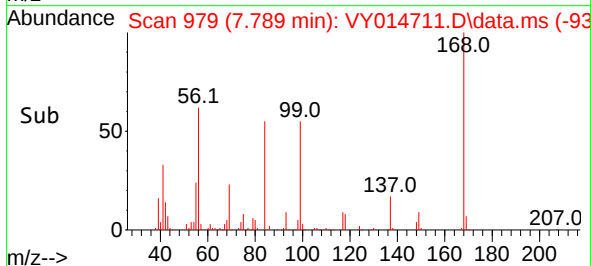
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 248070
Ion Ratio Lower Upper
168 100
99 55.1 43.4 65.0

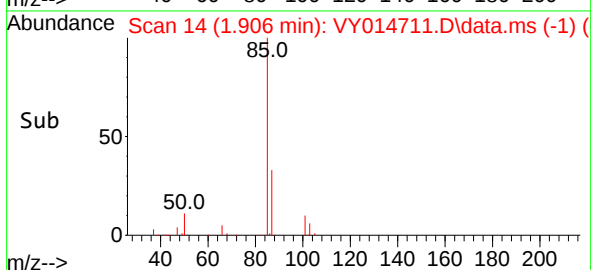
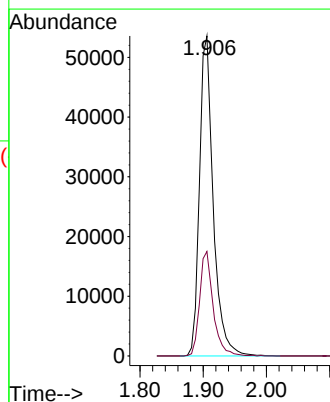
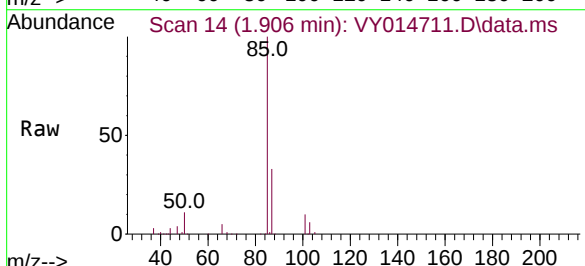
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#2
Dichlorodifluoromethane
Concen: 40.097 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY014711.D
Acq: 20 Jul 2023 10:50

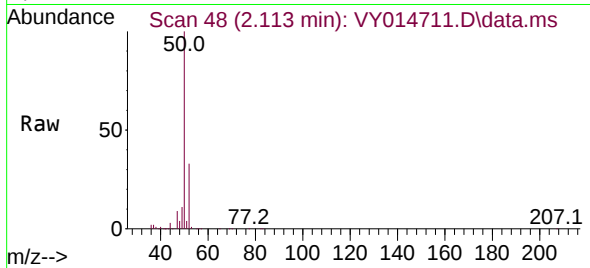
Tgt Ion: 85 Resp: 81039
Ion Ratio Lower Upper
85 100
87 32.6 15.6 46.8





#3
Chloromethane
Concen: 48.414 ug/l
RT: 2.113 min Scan# 47
Delta R.T. 0.006 min
Lab File: VY014711.D
Acq: 20 Jul 2023 10:50

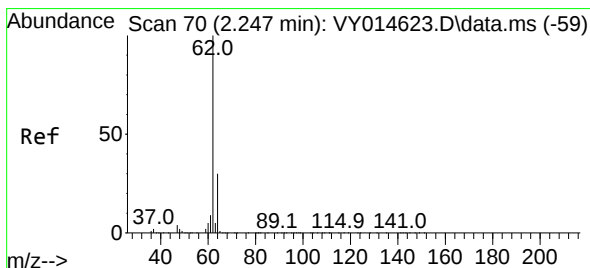
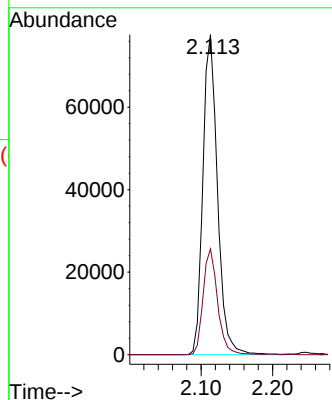
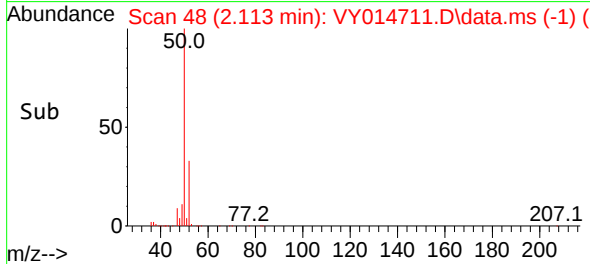
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 50 Resp: 109990
Ion Ratio Lower Upper
50 100
52 33.1 25.4 38.2

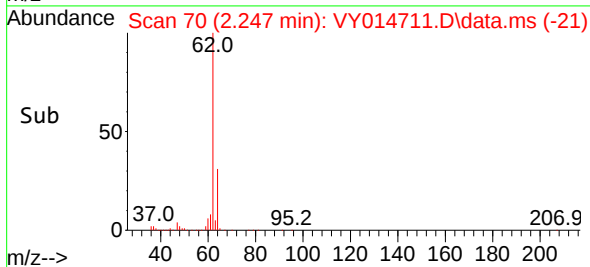
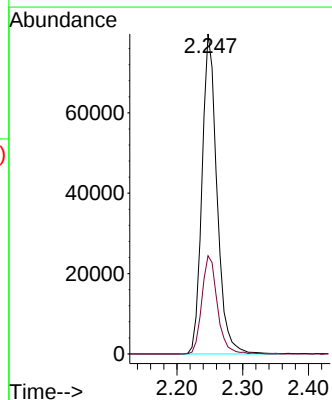
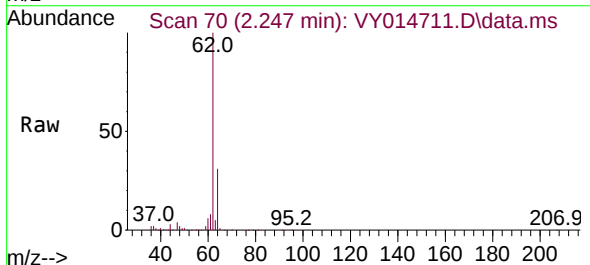
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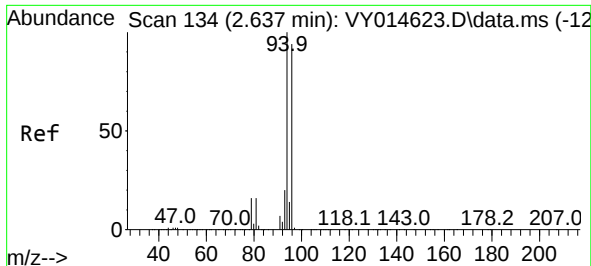
Reviewed By :John Carlone 07/21/2023
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#4
Vinyl Chloride
Concen: 49.734 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY014711.D
Acq: 20 Jul 2023 10:50

Tgt Ion: 62 Resp: 126276
Ion Ratio Lower Upper
62 100
64 30.7 24.3 36.5





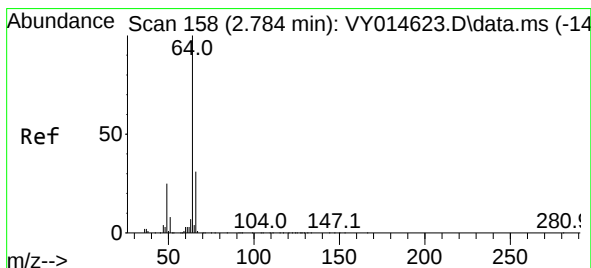
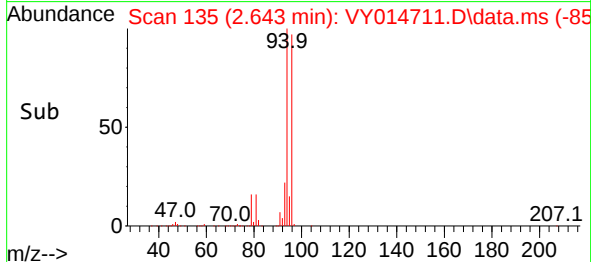
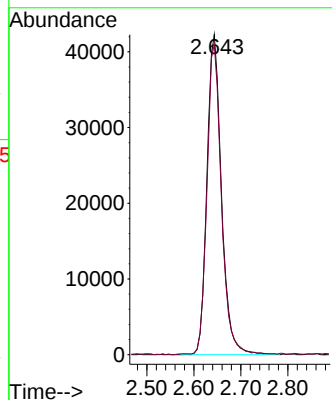
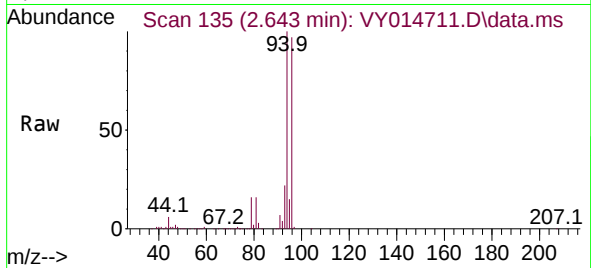
#5
Bromomethane
Concen: 53.935 ug/l
RT: 2.643 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014711.D
Acq: 20 Jul 2023 10:50

Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion: 94 Resp: 90499
Ion Ratio Lower Upper
94 100
96 96.6 75.8 113.6

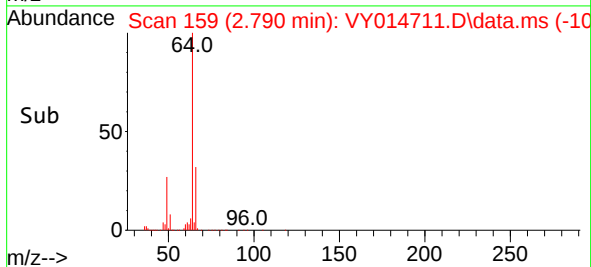
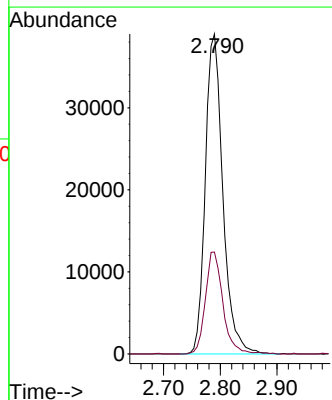
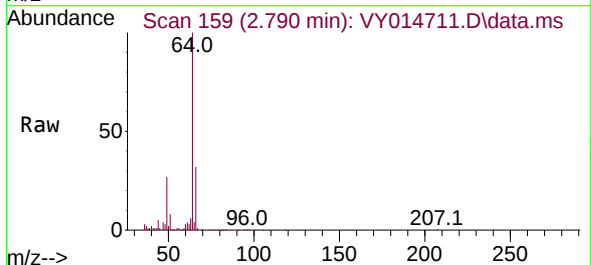
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#6
Chloroethane
Concen: 52.909 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.006 min
Lab File: VY014711.D
Acq: 20 Jul 2023 10:50

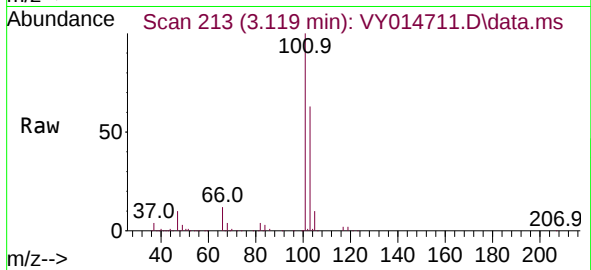
Tgt Ion: 64 Resp: 83914
Ion Ratio Lower Upper
64 100
66 31.9 24.4 36.6





#7
 Trichlorofluoromethane
 Concen: 44.806 ug/l
 RT: 3.119 min Scan# 212
 Delta R.T. 0.006 min
 Lab File: VY014711.D
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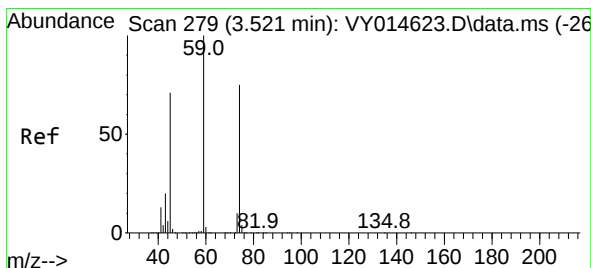
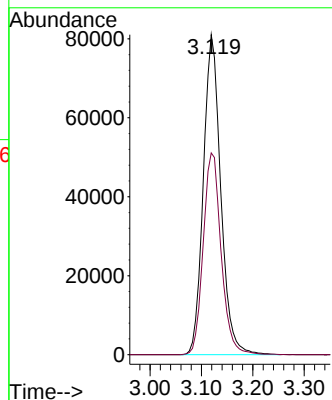
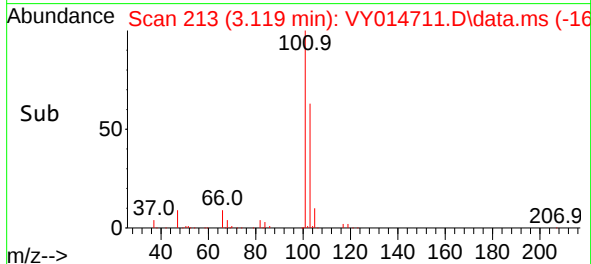
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



Tgt Ion:101 Resp: 19106
 Ion Ratio Lower Upper
 101 100
 103 63.0 51.4 77.0

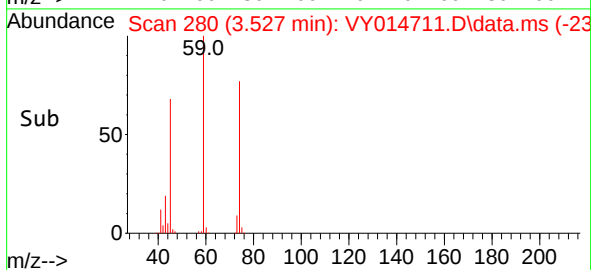
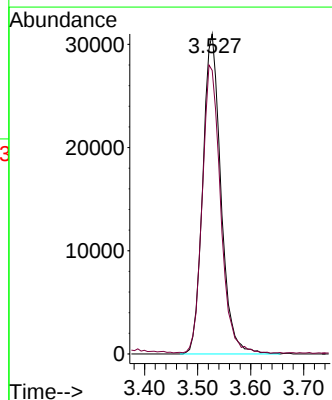
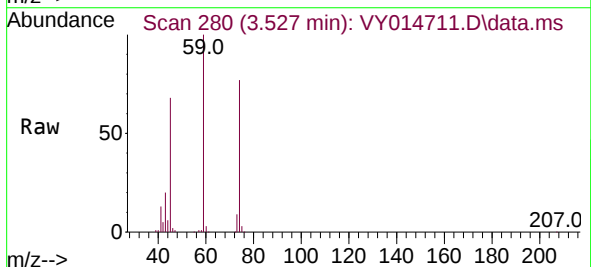
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#8
 Diethyl Ether
 Concen: 46.284 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.006 min
 Lab File: VY014711.D
 Acq: 20 Jul 2023 10:50

Tgt Ion: 74 Resp: 73435
 Ion Ratio Lower Upper
 74 100
 45 91.0 51.5 154.5





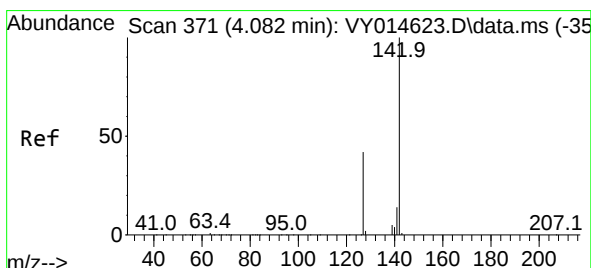
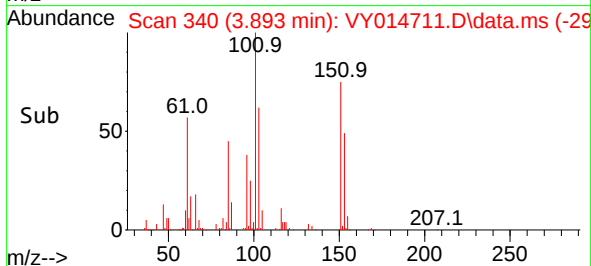
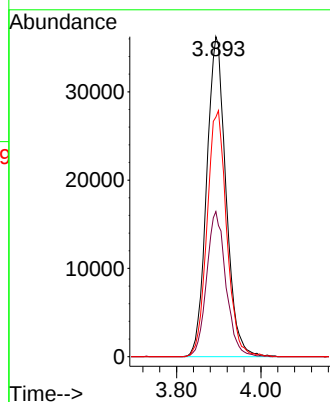
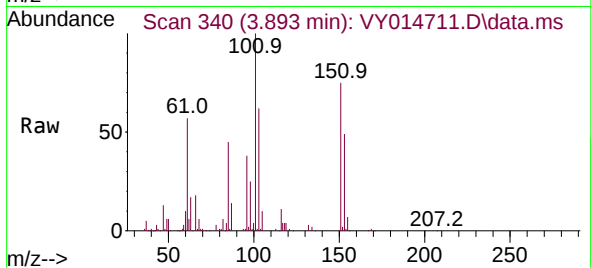
#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.131 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY014711.D
Acq: 20 Jul 2023 10:50

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 11534
Ion Ratio Lower Upper
101 100
85 45.3 36.6 55.0
151 78.0 67.0 100.6

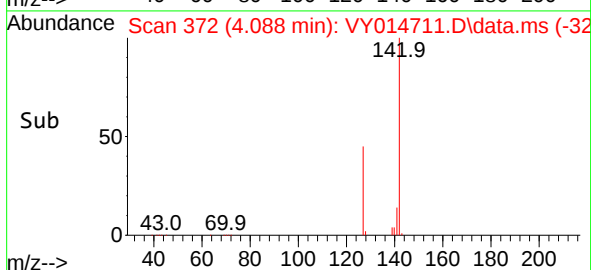
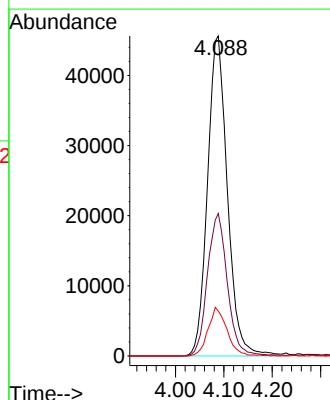
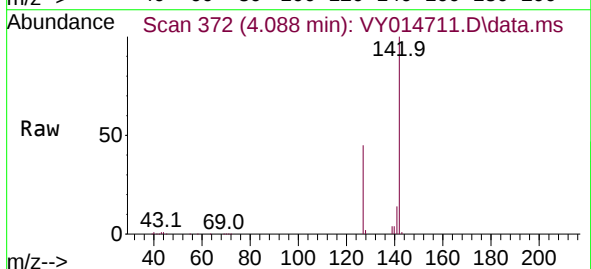
Manual Integrations
APPROVED

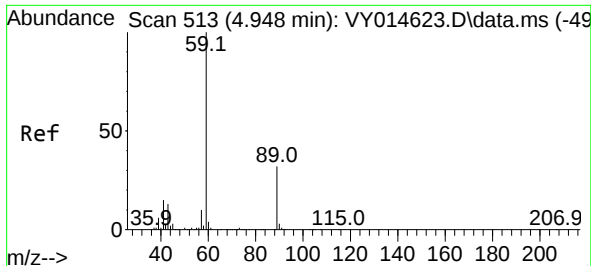
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#10
Methyl Iodide
Concen: 47.162 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY014711.D
Acq: 20 Jul 2023 10:50

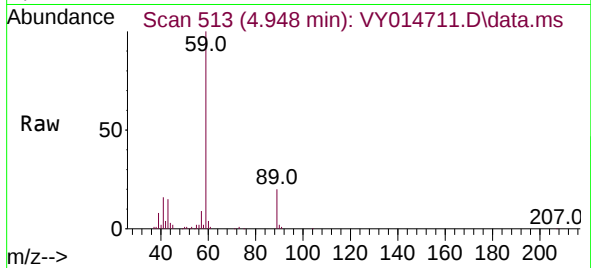
Tgt Ion:142 Resp: 130285
Ion Ratio Lower Upper
142 100
127 44.7 37.6 56.4
141 14.5 11.8 17.8





#11
Tert butyl alcohol
Concen: 193.055 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY014711.D
Acq: 20 Jul 2023 10:50

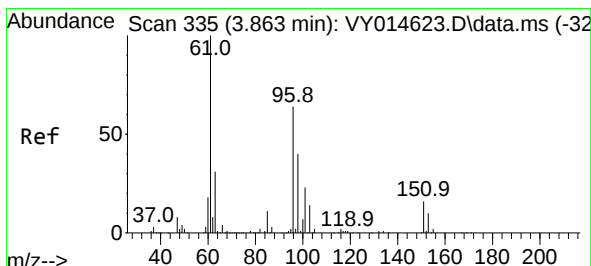
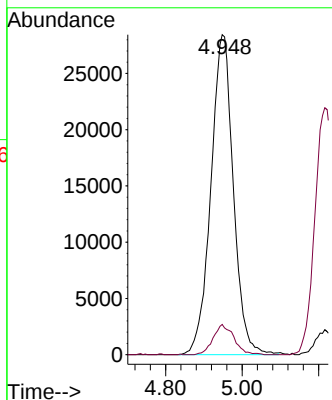
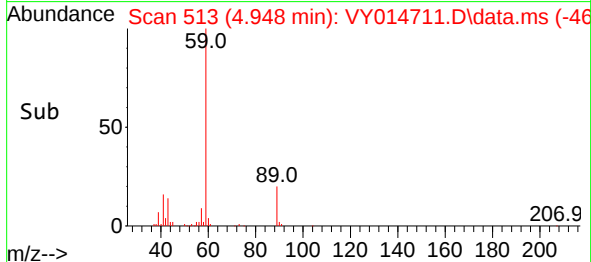
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



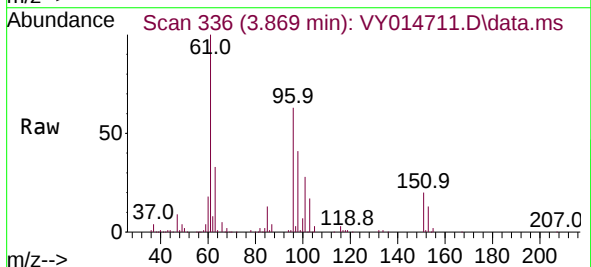
Tgt Ion: 59 Resp: 116170
Ion Ratio Lower Upper
59 100
57 8.8 3.0 4.4

Manual Integrations
APPROVED

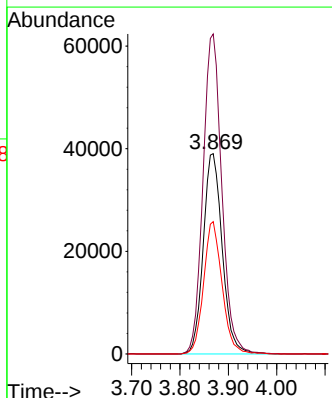
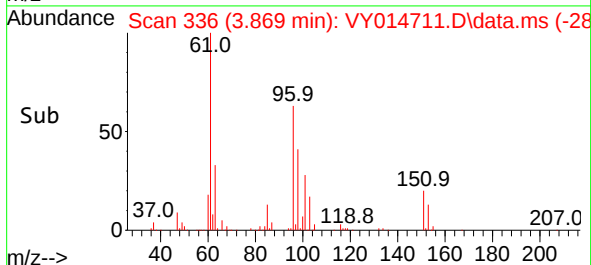
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

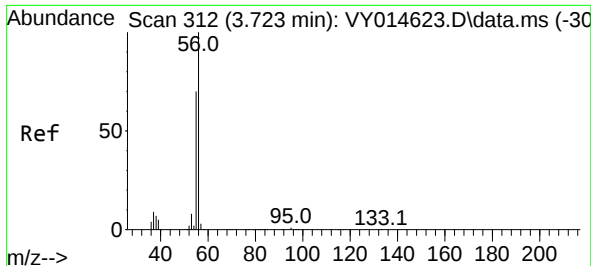


#12
1,1-Dichloroethene
Concen: 43.632 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY014711.D
Acq: 20 Jul 2023 10:50



Tgt Ion: 96 Resp: 106587
Ion Ratio Lower Upper
96 100
61 159.7 136.4 204.6
98 66.0 49.4 74.2





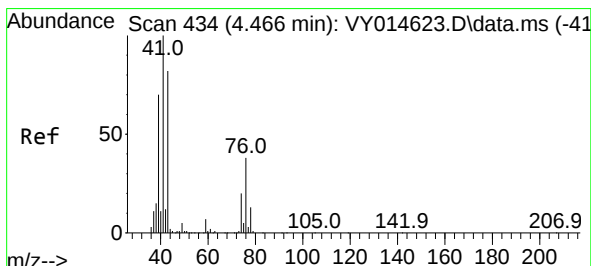
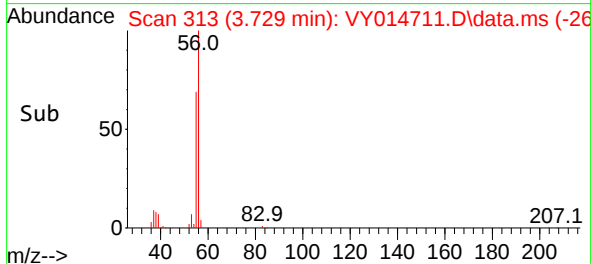
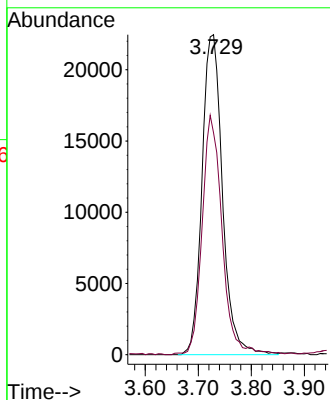
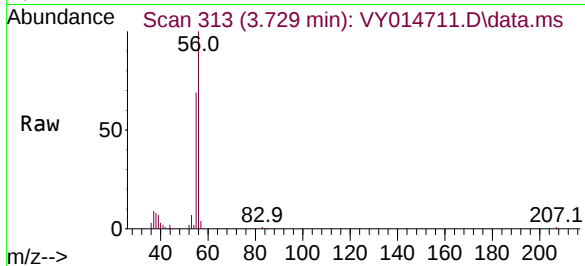
#13
Acrolein
Concen: 203.559 ug/l
RT: 3.729 min Scan# 312
Delta R.T. 0.006 min
Lab File: VY014711.D
Acq: 20 Jul 2023 10:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 60144
Ion Ratio Lower Upper
56 100
55 73.1 57.0 85.4

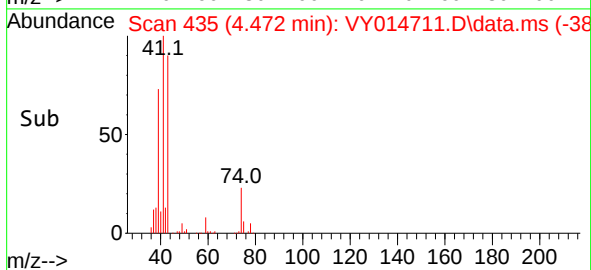
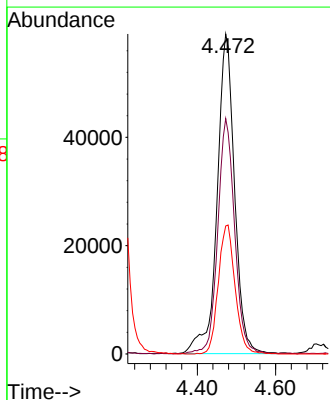
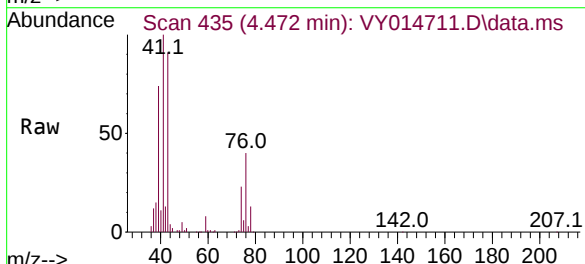
Manual Integrations
APPROVED

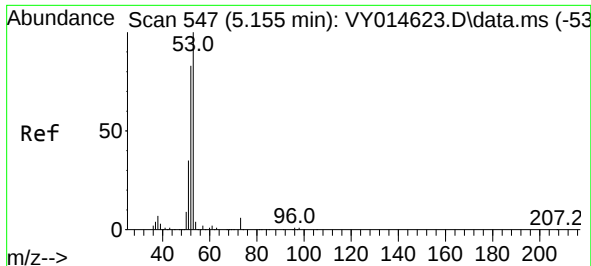
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#14
Allyl chloride
Concen: 42.215 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY014711.D
Acq: 20 Jul 2023 10:50

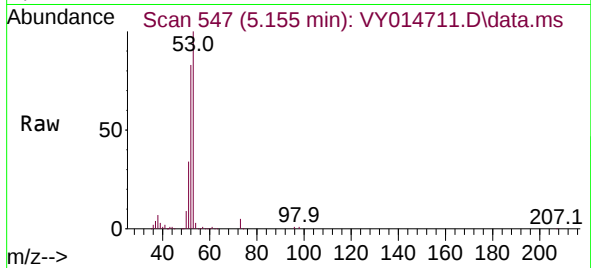
Tgt Ion: 41 Resp: 183106
Ion Ratio Lower Upper
41 100
39 71.6 58.0 87.0
76 38.8 27.4 41.2





#15
Acrylonitrile
Concen: 242.782 ug/l
RT: 5.155 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY014711.D
Acq: 20 Jul 2023 10:50

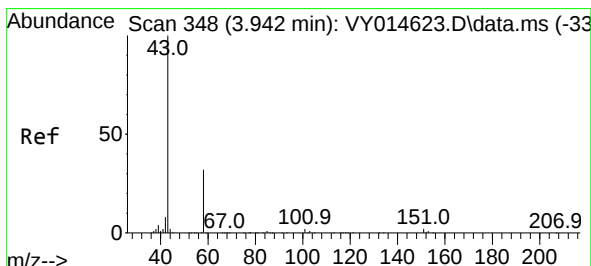
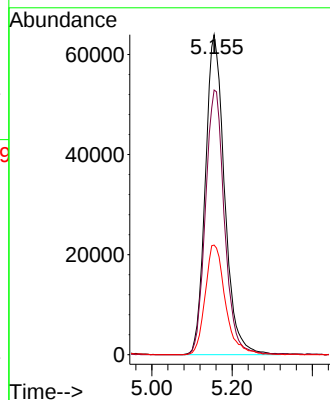
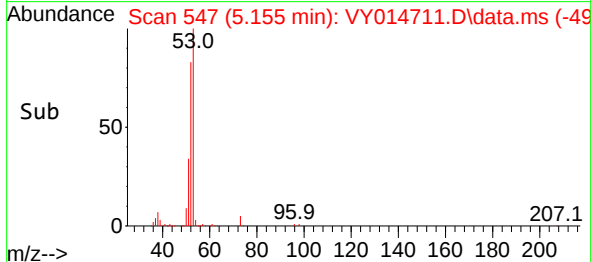
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



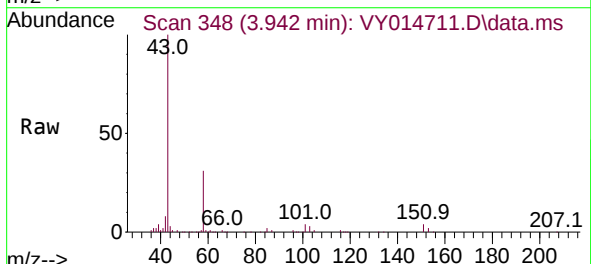
Tgt Ion: 53 Resp: 212410
Ion Ratio Lower Upper
53 100
52 82.0 66.9 100.3
51 36.1 29.8 44.6

Manual Integrations
APPROVED

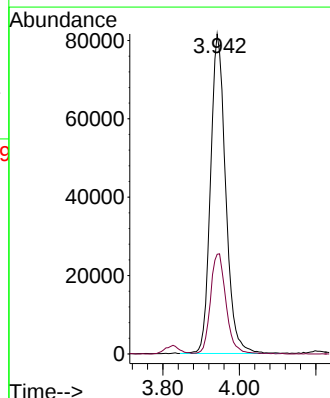
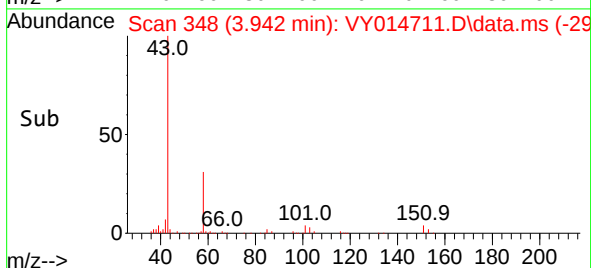
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#16
Acetone
Concen: 250.034 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY014711.D
Acq: 20 Jul 2023 10:50



Tgt Ion: 43 Resp: 223979
Ion Ratio Lower Upper
43 100
58 31.1 22.7 34.1





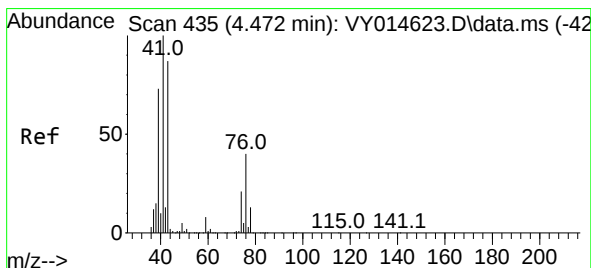
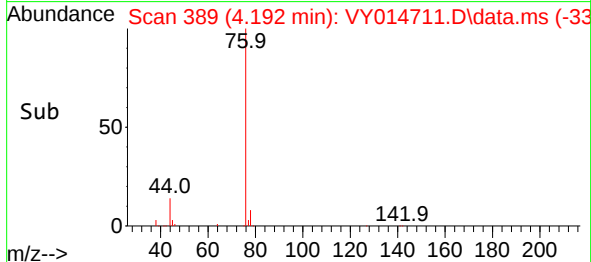
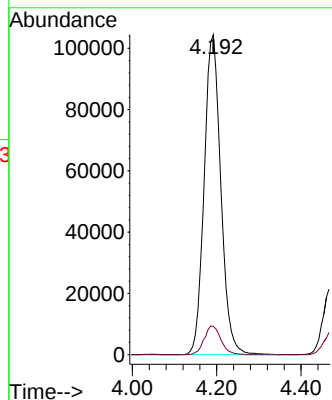
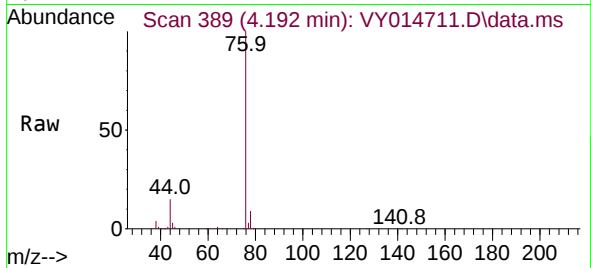
#17
Carbon Disulfide
Concen: 41.096 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY014711.D
Acq: 20 Jul 2023 10:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 287410
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.4

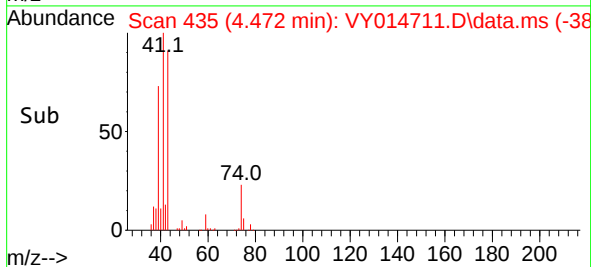
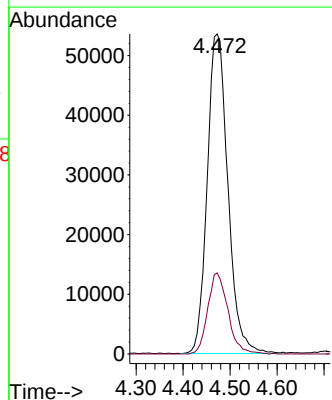
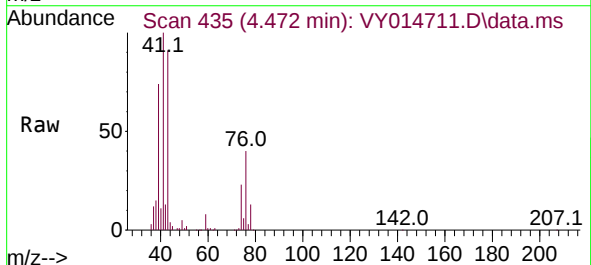
Manual Integrations
APPROVED

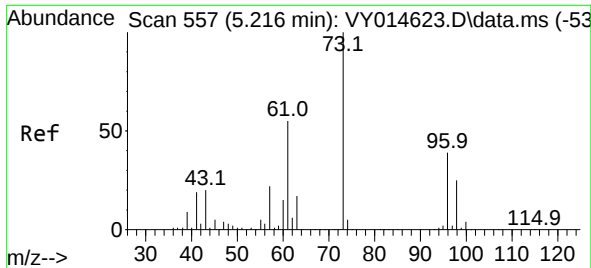
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#18
Methyl Acetate
Concen: 47.584 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY014711.D
Acq: 20 Jul 2023 10:50

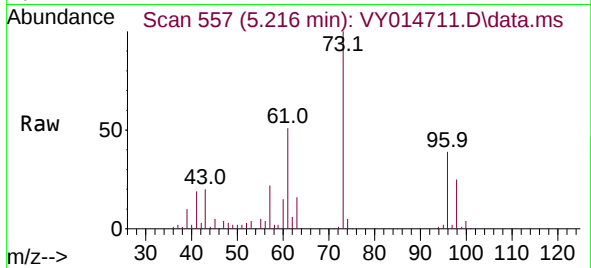
Tgt Ion: 43 Resp: 163578
Ion Ratio Lower Upper
43 100
74 24.8 17.4 26.0





#19
Methyl tert-butyl Ether
Concen: 47.347 ug/l
RT: 5.216 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY014711.D
Acq: 20 Jul 2023 10:50

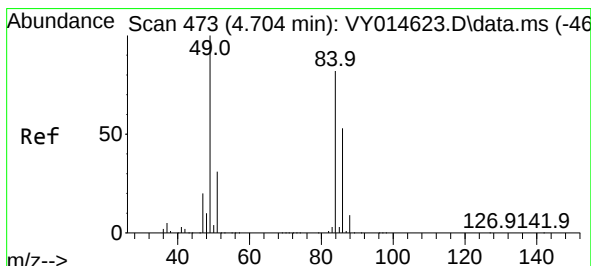
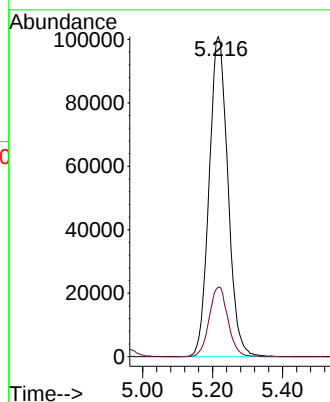
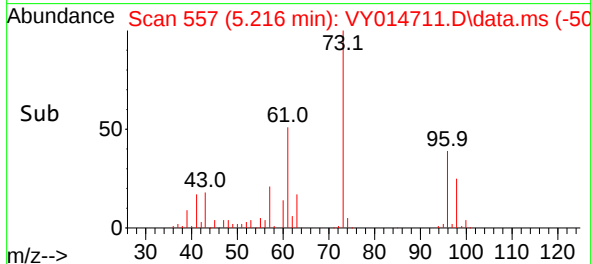
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 375712
Ion Ratio Lower Upper
73 100
57 21.8 17.3 25.9

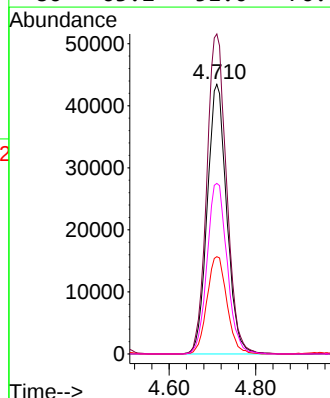
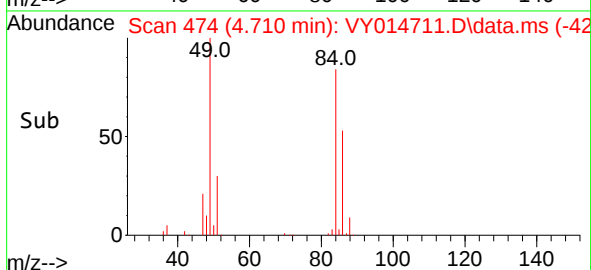
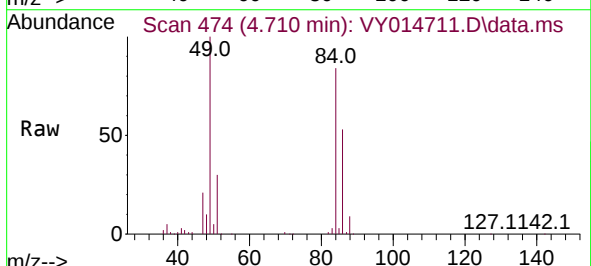
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#20
Methylene Chloride
Concen: 46.308 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY014711.D
Acq: 20 Jul 2023 10:50

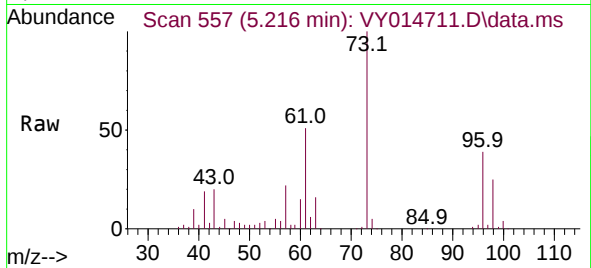
Tgt Ion: 84 Resp: 135667
Ion Ratio Lower Upper
84 100
49 118.7 106.9 160.3
51 36.1 33.2 49.8
86 63.2 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 44.323 ug/l
RT: 5.216 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY014711.D
Acq: 20 Jul 2023 10:50

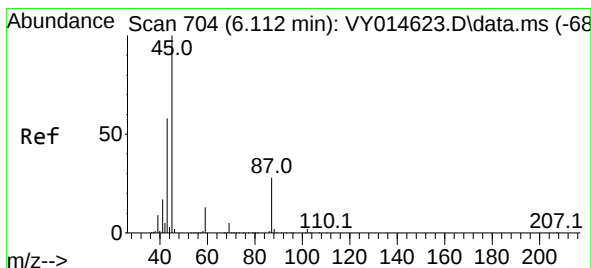
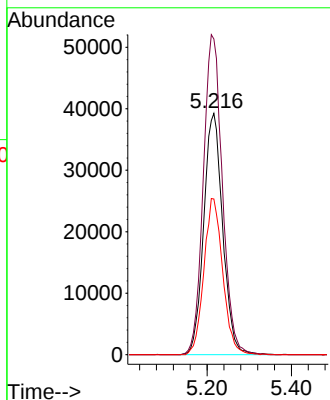
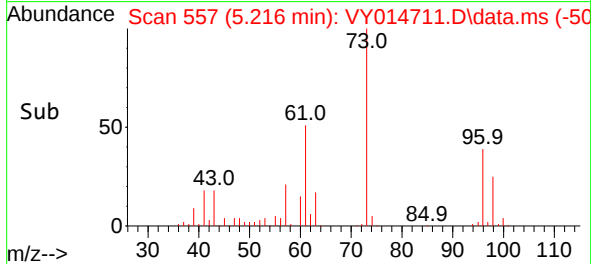
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 122874
Ion Ratio Lower Upper
96 100
61 130.8 110.2 165.4
98 64.5 51.8 77.6

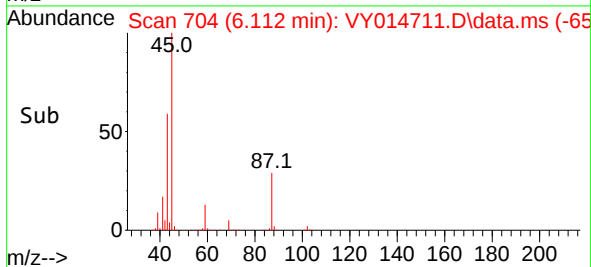
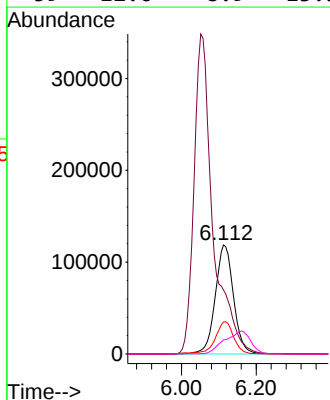
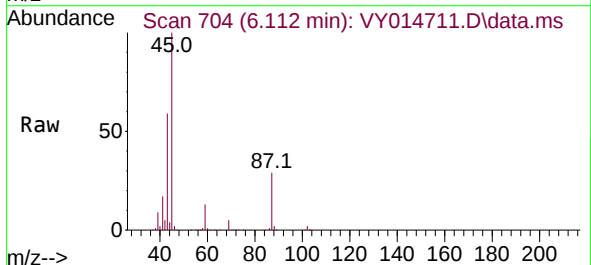
Manual Integrations
APPROVED

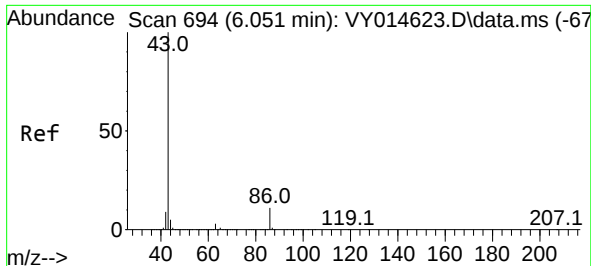
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#22
Diisopropyl ether
Concen: 45.520 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY014711.D
Acq: 20 Jul 2023 10:50

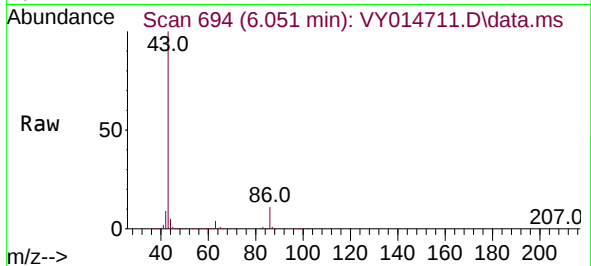
Tgt Ion: 45 Resp: 401410
Ion Ratio Lower Upper
45 100
43 58.2 52.2 78.4
87 29.2 21.0 31.6
59 12.6 8.9 13.3





#23
 Vinyl Acetate
 Concen: 231.789 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY014711.D
 Acq: 20 Jul 2023 10:50

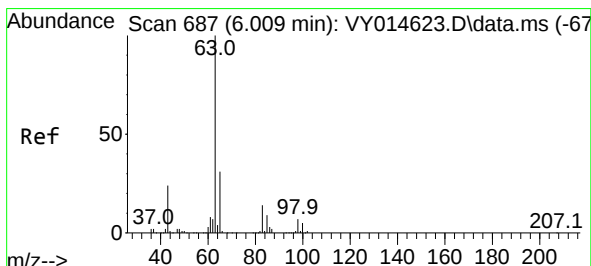
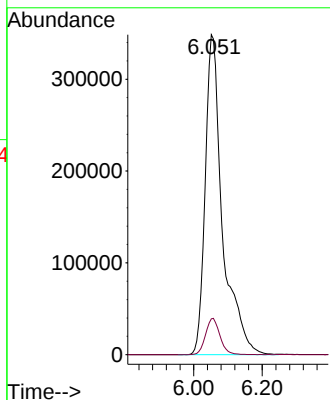
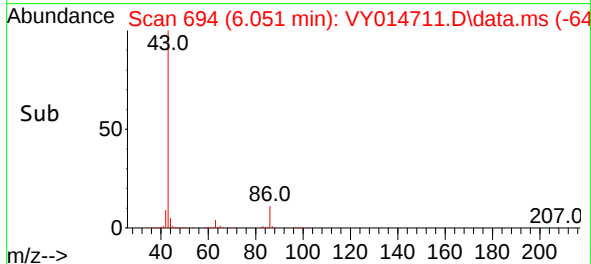
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



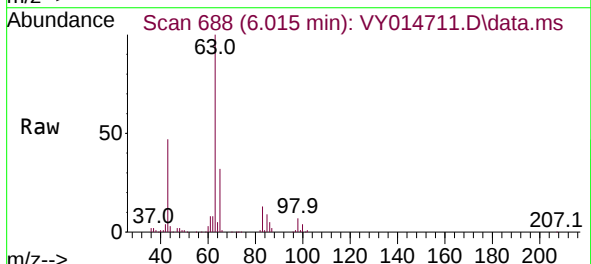
Tgt Ion: 43 Resp: 122319
 Ion Ratio Lower Upper
 43 100
 86 11.2 7.5 11.3

Manual Integrations
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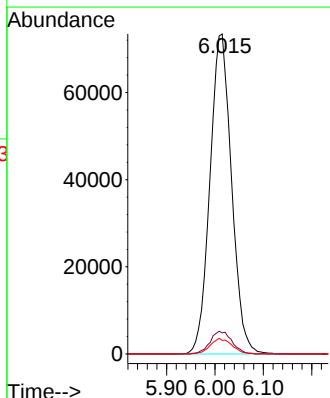
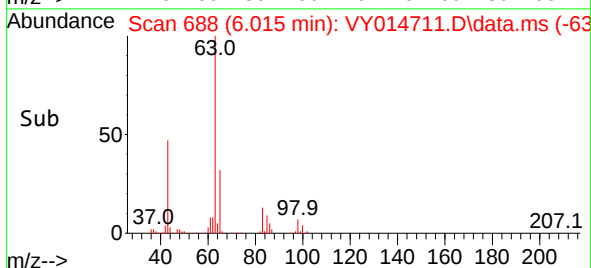
Reviewed By :John Carlone 07/21/2023
 Supervised By :Mahesh Dadoda 07/21/2023



#24
 1,1-Dichloroethane
 Concen: 45.168 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY014711.D
 Acq: 20 Jul 2023 10:50



Tgt Ion: 63 Resp: 227908
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.1 9.4
 100 4.2 1.8 5.5





#25

2-Butanone

Concen: 238.850 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY014711.D

Acq: 20 Jul 2023 10:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 31302

Ion Ratio Lower Upper

43 100

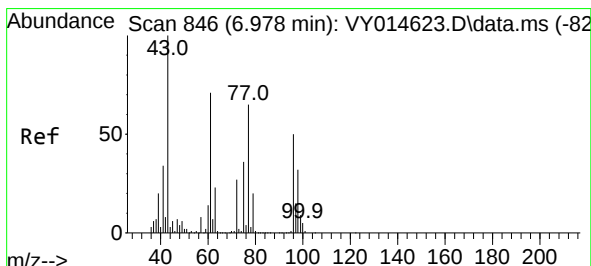
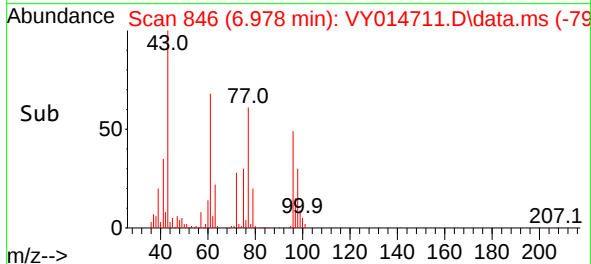
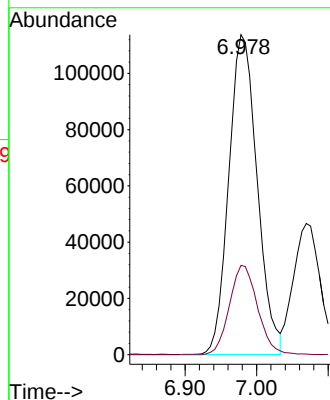
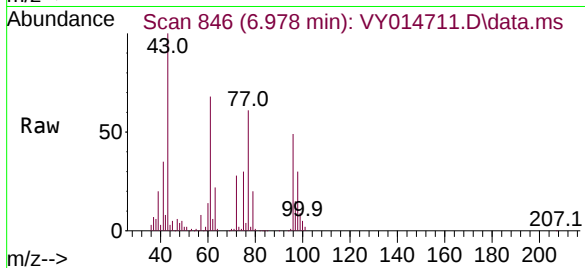
72 27.9 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/21/2023

Supervised By :Mahesh Dadoda 07/21/2023



#26

2,2-Dichloropropane

Concen: 44.702 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY014711.D

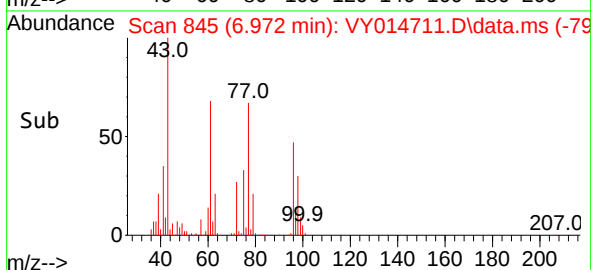
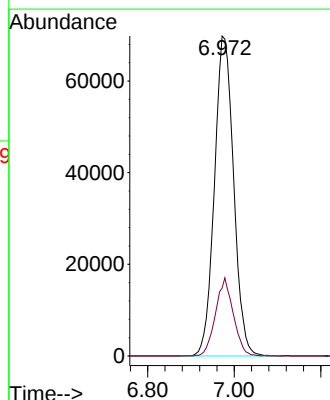
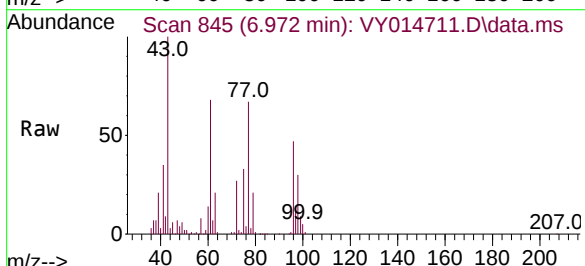
Acq: 20 Jul 2023 10:50

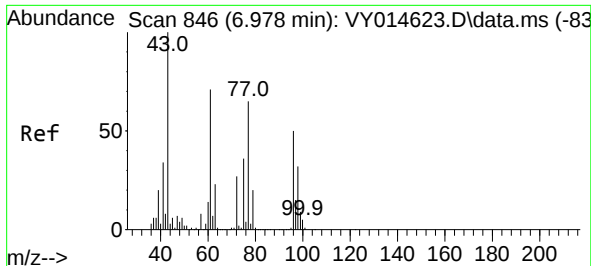
Tgt Ion: 77 Resp: 214964

Ion Ratio Lower Upper

77 100

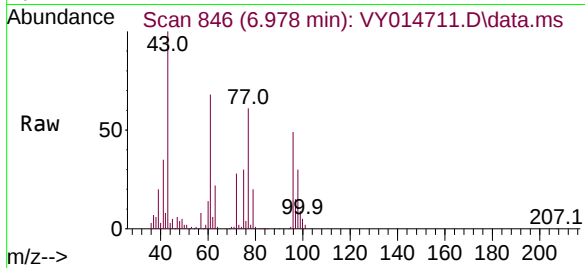
97 22.6 10.9 32.9





#27
 cis-1,2-Dichloroethene
 Concen: 46.324 ug/l
 RT: 6.978 min Scan# 846
 Delta R.T. 0.000 min
 Lab File: VY014711.D
 Acq: 20 Jul 2023 10:50

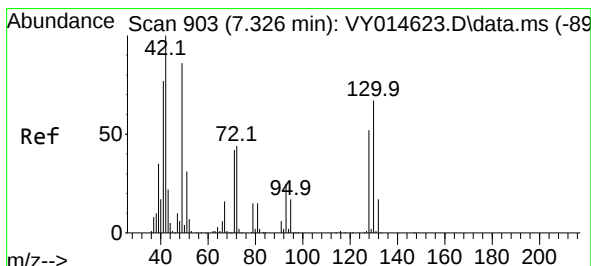
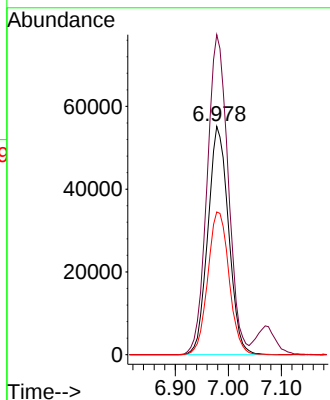
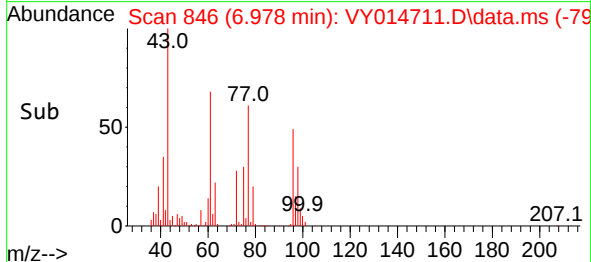
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 14948
 Ion Ratio Lower Upper
 96 100
 61 142.7 0.0 301.4
 98 64.3 0.0 130.4

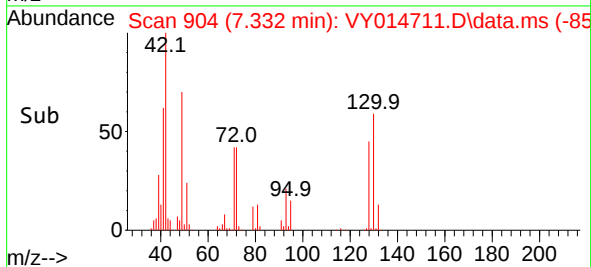
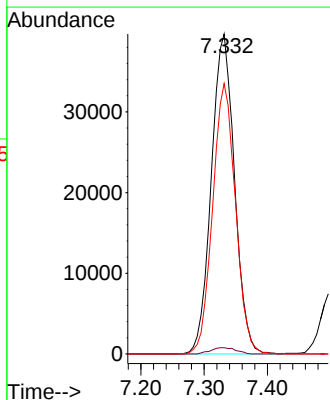
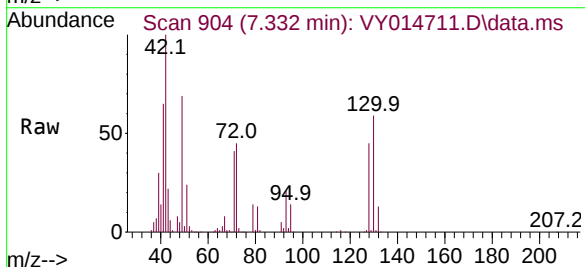
Manual Integrations
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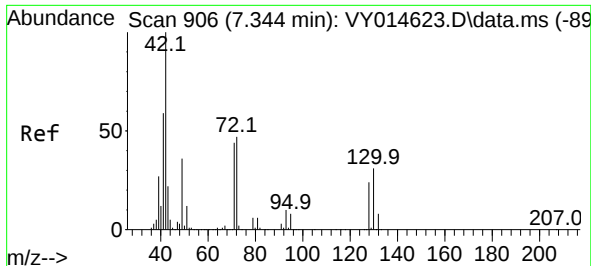
Reviewed By :John Carlone 07/21/2023
 Supervised By :Mahesh Dadoda 07/21/2023



#28
 Bromochloromethane
 Concen: 46.368 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.006 min
 Lab File: VY014711.D
 Acq: 20 Jul 2023 10:50

Tgt Ion: 49 Resp: 100762
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.6
 130 83.2 60.7 91.1





#29

Tetrahydrofuran

Concen: 235.722 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY014711.D

Acq: 20 Jul 2023 10:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 19022

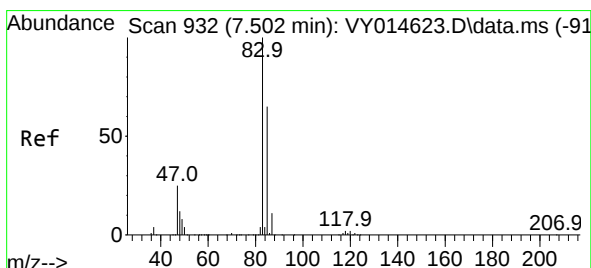
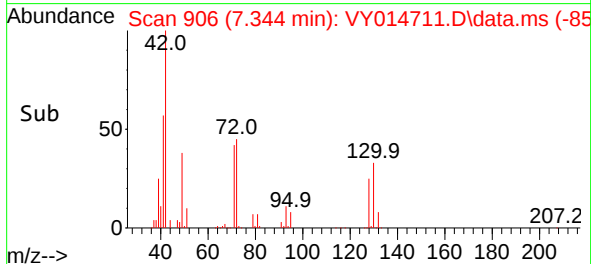
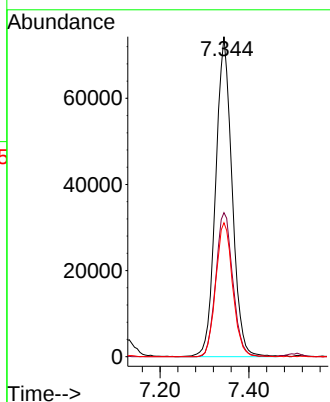
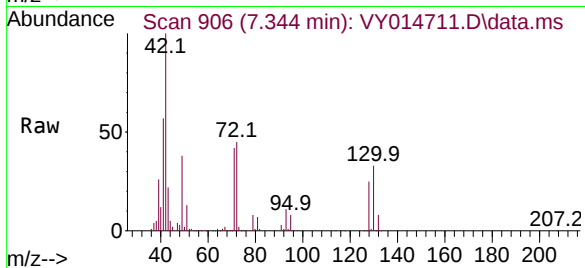
Ion	Ratio	Lower	Upper
42	100		
72	46.5	32.8	49.2
71	43.0	31.0	46.4

Manual Integrations

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Reviewed By :John Carlone 07/21/2023

Supervised By :Mahesh Dadoda 07/21/2023



#30

Chloroform

Concen: 46.519 ug/l

RT: 7.502 min Scan# 932

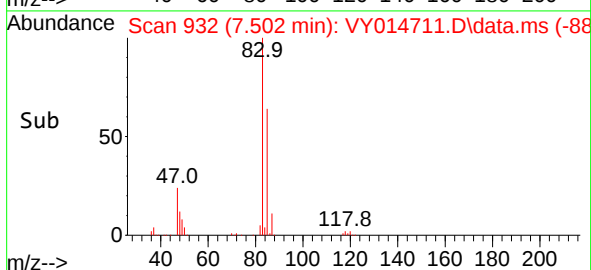
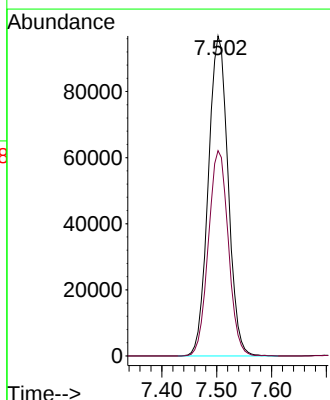
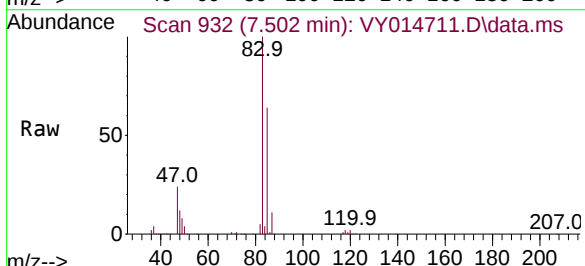
Delta R.T. 0.000 min

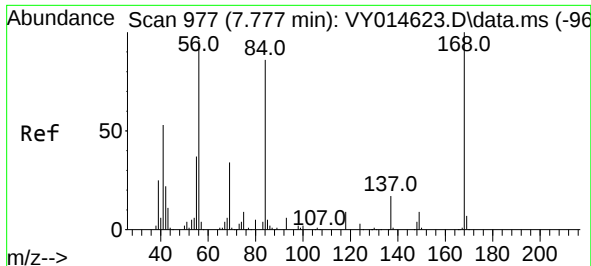
Lab File: VY014711.D

Acq: 20 Jul 2023 10:50

Tgt Ion: 83 Resp: 242049

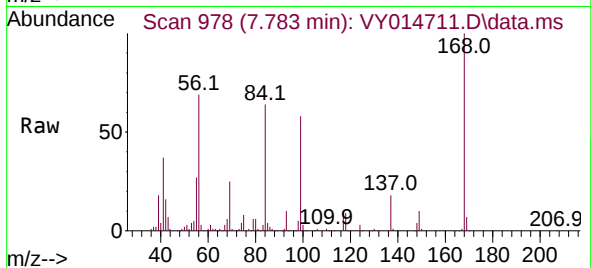
Ion	Ratio	Lower	Upper
83	100		
85	64.1	49.7	74.5





#31
Cyclohexane
Concen: 39.741 ug/l
RT: 7.783 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY014711.D
Acq: 20 Jul 2023 10:50

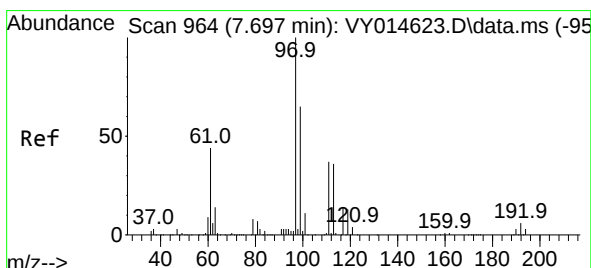
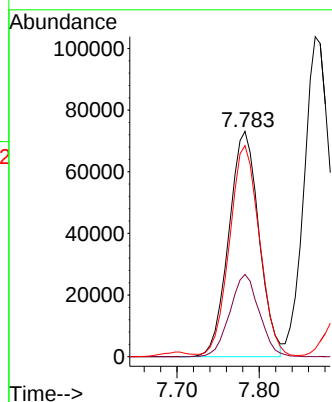
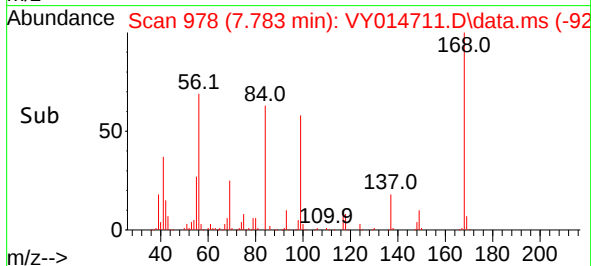
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 186490
Ion Ratio Lower Upper
56 100
69 36.5 27.8 41.6
84 91.6 66.4 99.6

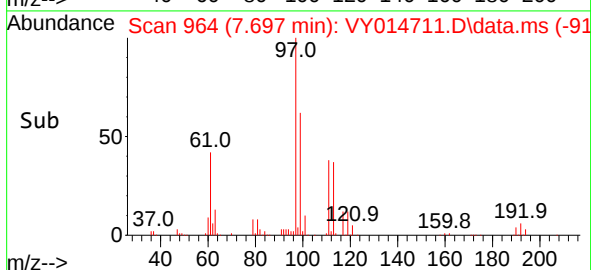
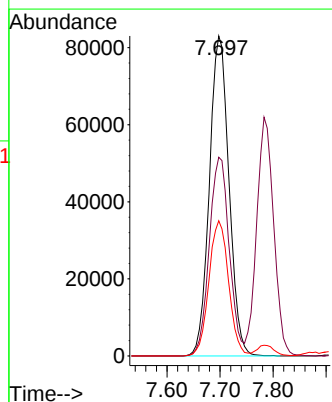
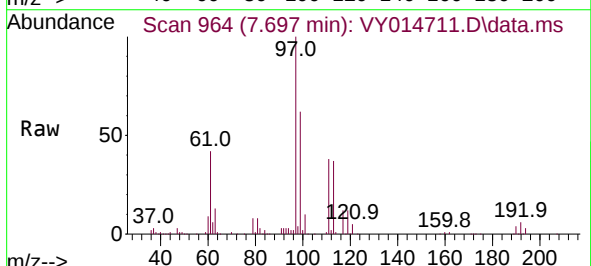
Manual Integrations
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Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#32
1,1,1-Trichloroethane
Concen: 45.477 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY014711.D
Acq: 20 Jul 2023 10:50

Tgt Ion: 97 Resp: 212965
Ion Ratio Lower Upper
97 100
99 63.6 50.8 76.2
61 42.7 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 49.000 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY014711.D

Acq: 20 Jul 2023 10:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 13851

Ion Ratio Lower Upper

65 100

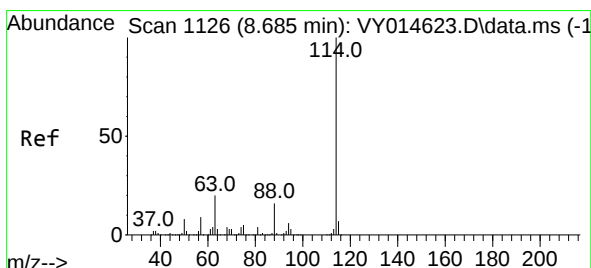
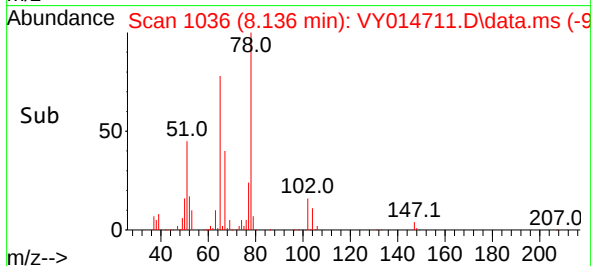
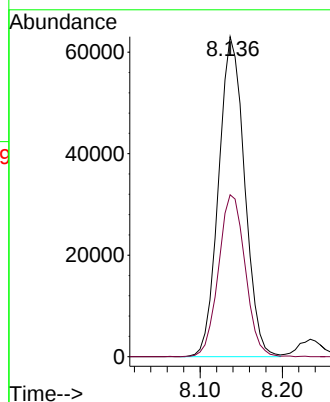
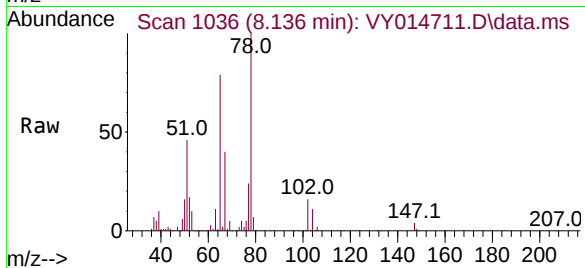
67 51.9 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/21/2023

Supervised By :Mahesh Dadoda 07/21/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY014711.D

Acq: 20 Jul 2023 10:50

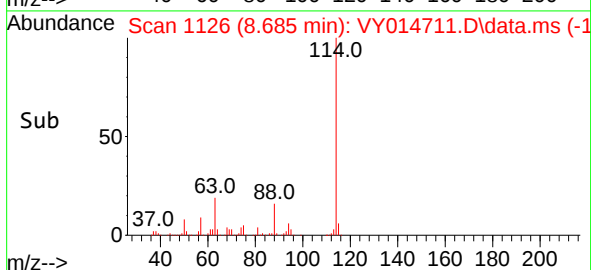
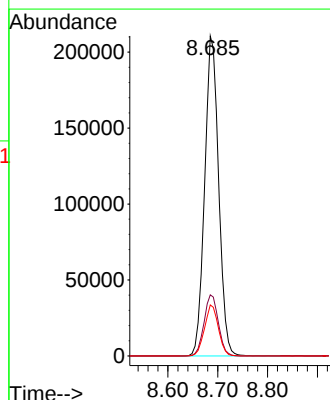
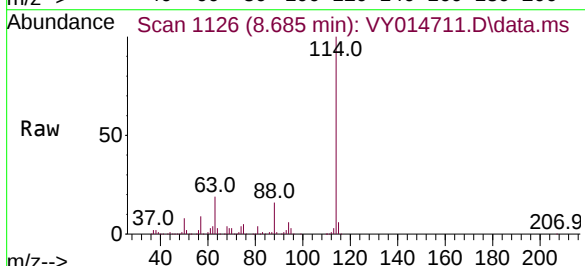
Tgt Ion:114 Resp: 409806

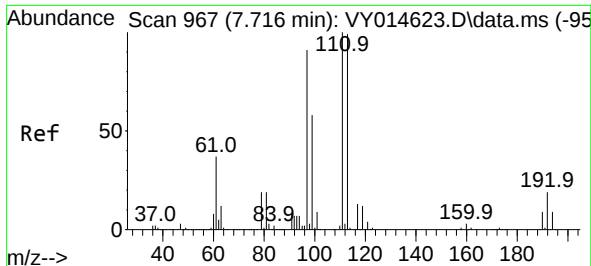
Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

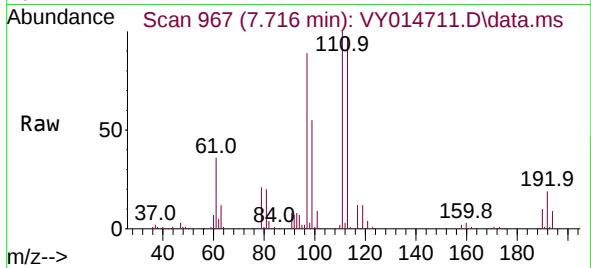
88 16.0 0.0 30.6





#35
Dibromofluoromethane
Concen: 49.214 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014711.D
Acq: 20 Jul 2023 10:50

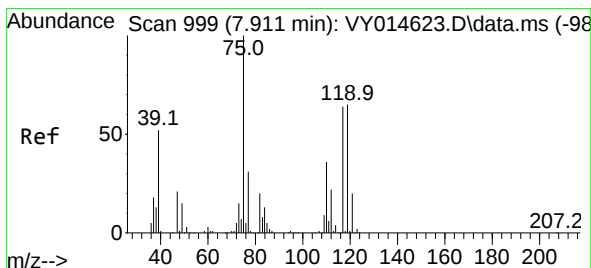
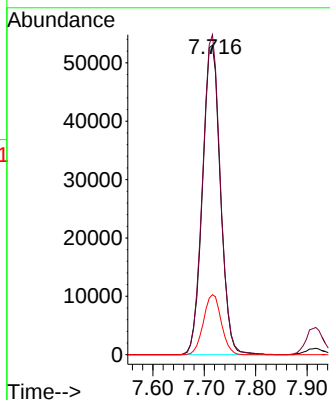
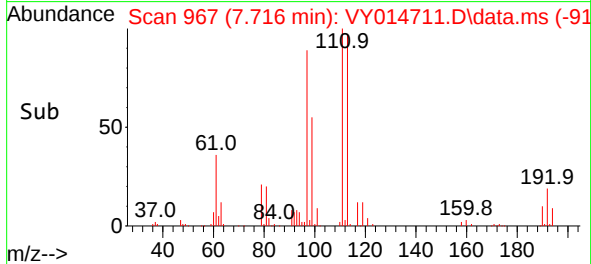
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 12838
Ion Ratio Lower Upper
113 100
111 102.6 81.3 121.9
192 19.2 16.9 25.3

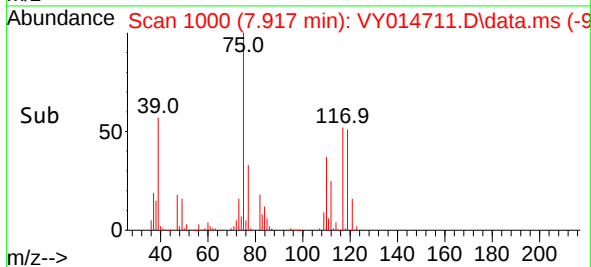
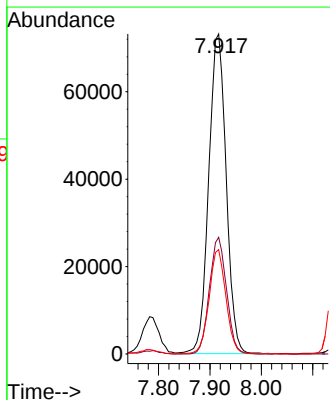
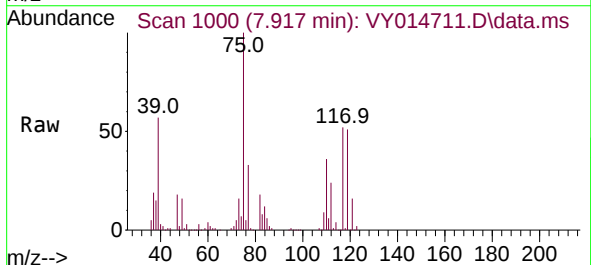
Manual Integrations
APPROVED

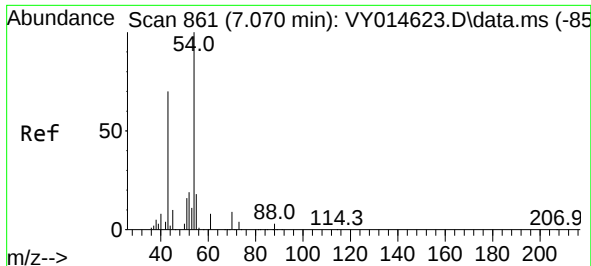
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#36
1,1-Dichloropropene
Concen: 44.297 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY014711.D
Acq: 20 Jul 2023 10:50

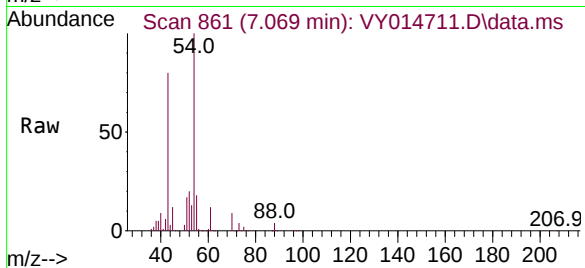
Tgt Ion: 75 Resp: 172815
Ion Ratio Lower Upper
75 100
110 35.6 17.8 53.5
77 31.6 24.4 36.6





#37
Ethyl Acetate
Concen: 47.036 ug/l
RT: 7.069 min Scan# 861
Delta R.T. -0.001 min
Lab File: VY014711.D
Acq: 20 Jul 2023 10:50

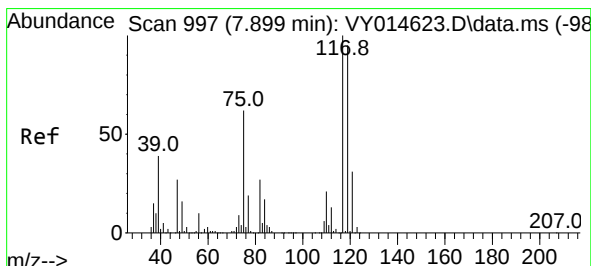
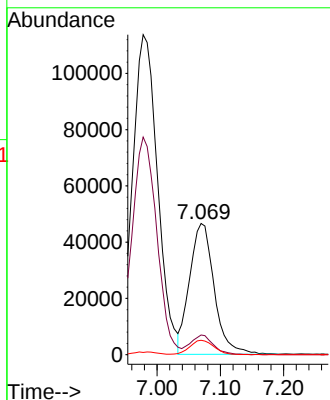
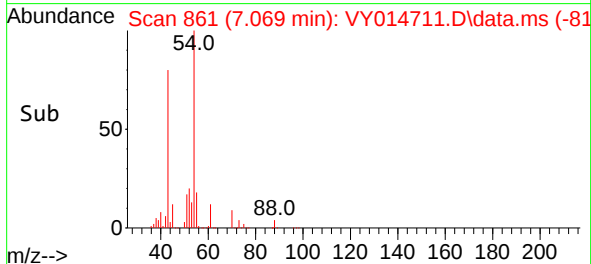
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 126339
Ion Ratio Lower Upper
43 100
61 13.8 10.1 15.1
70 10.8 7.1 10.7

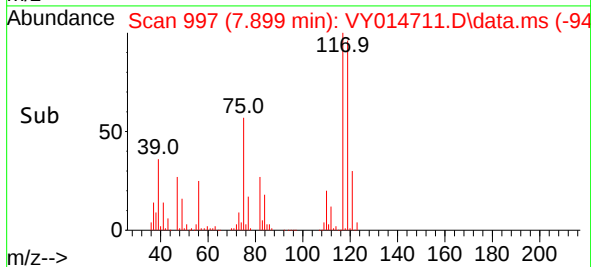
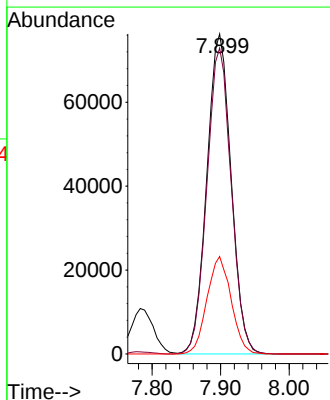
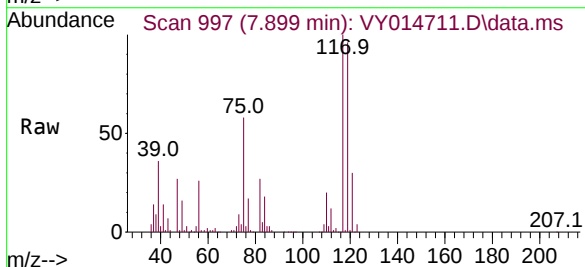
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#38
Carbon Tetrachloride
Concen: 45.620 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY014711.D
Acq: 20 Jul 2023 10:50

Tgt Ion:117 Resp: 188134
Ion Ratio Lower Upper
117 100
119 95.6 76.4 114.6
121 30.5 25.8 38.6





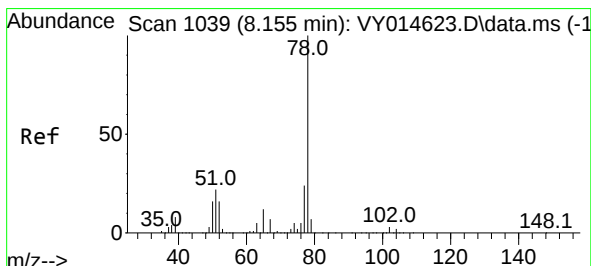
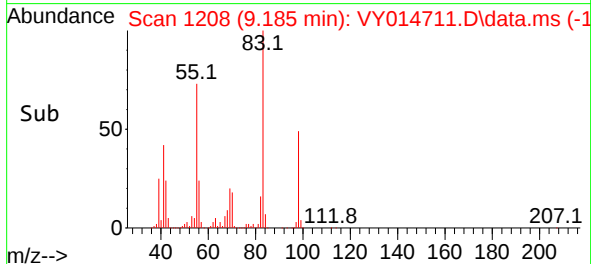
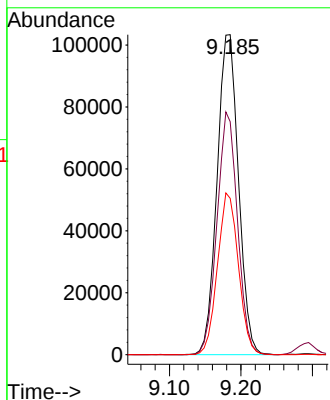
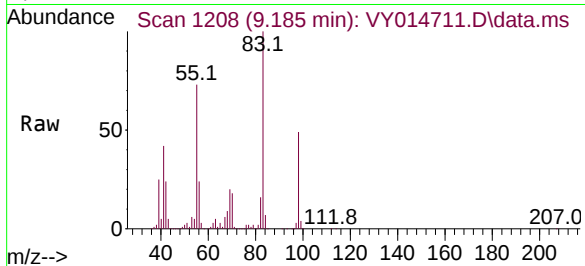
#39
Methylcyclohexane
Concen: 42.316 ug/l
RT: 9.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014711.D
Acq: 20 Jul 2023 10:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 21507
Ion Ratio Lower Upper
83 100
55 72.8 63.0 94.4
98 48.8 37.4 56.2

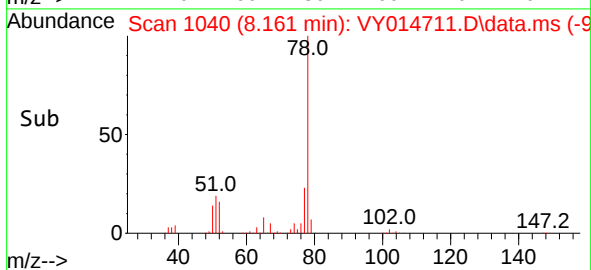
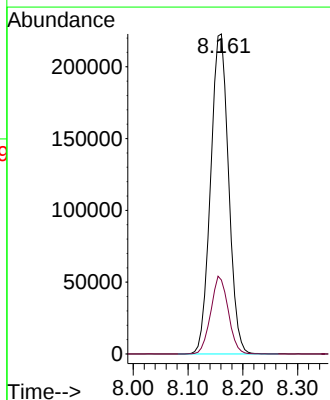
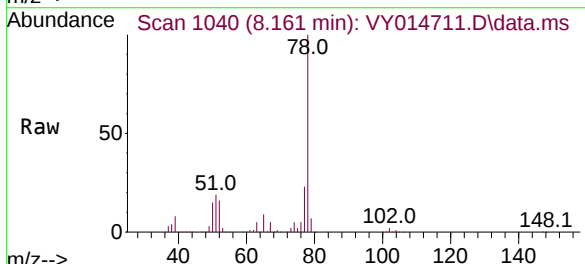
Manual Integrations
APPROVED

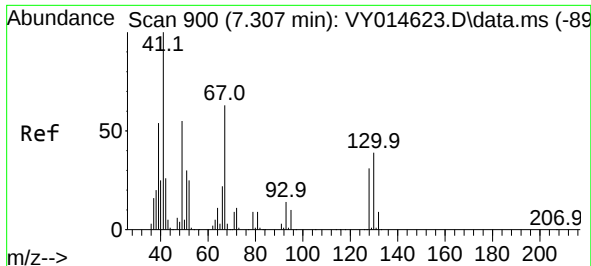
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#40
Benzene
Concen: 45.605 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY014711.D
Acq: 20 Jul 2023 10:50

Tgt Ion: 78 Resp: 506005
Ion Ratio Lower Upper
78 100
77 23.1 19.0 28.6





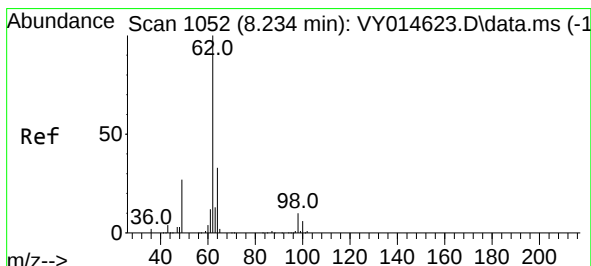
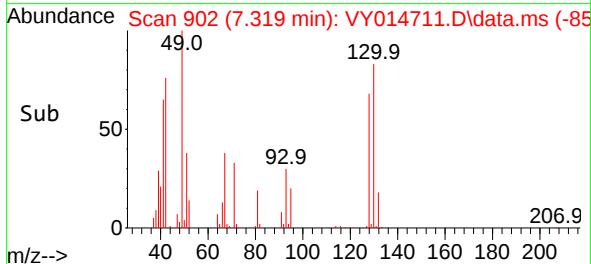
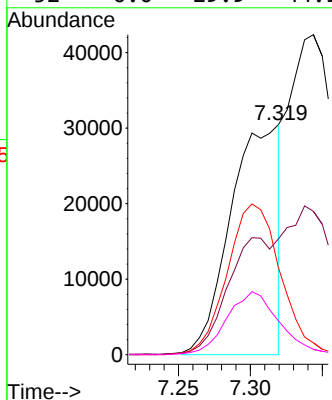
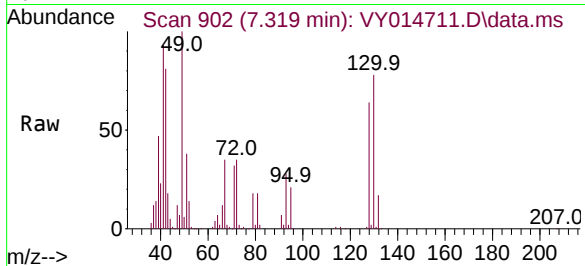
#41
Methacrylonitrile
Concen: 52.467 ug/l m
RT: 7.319 min Scan# 900
Delta R.T. 0.012 min
Lab File: VY014711.D
Acq: 20 Jul 2023 10:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 7248
Ion Ratio Lower Upper
41 100
39 65.9 52.1 78.1
67 0.0 66.2 99.2
52 0.0 29.9 44.9

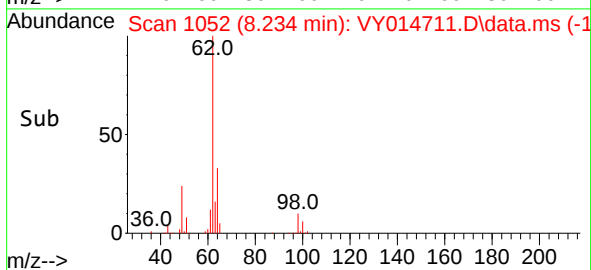
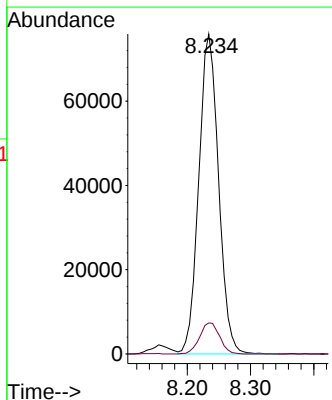
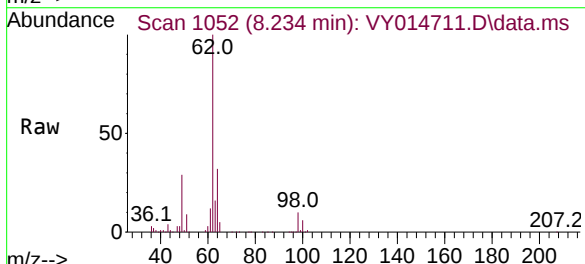
Manual Integrations
APPROVED

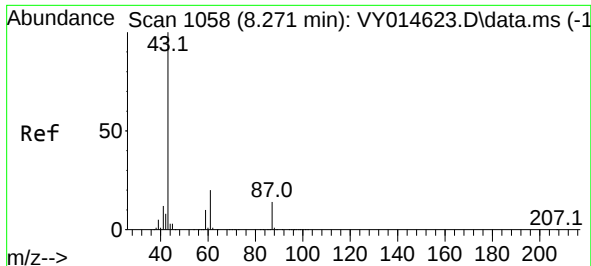
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#42
1,2-Dichloroethane
Concen: 47.008 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY014711.D
Acq: 20 Jul 2023 10:50

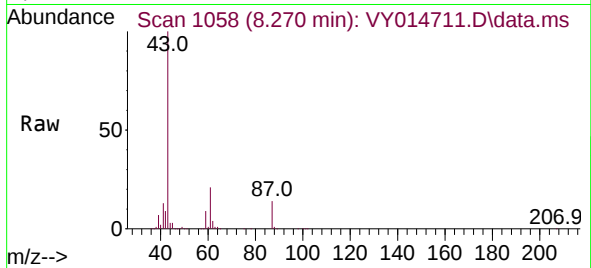
Tgt Ion: 62 Resp: 165167
Ion Ratio Lower Upper
62 100
98 9.8 0.0 15.8





#43
Isopropyl Acetate
Concen: 46.219 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. -0.001 min
Lab File: VY014711.D
Acq: 20 Jul 2023 10:50

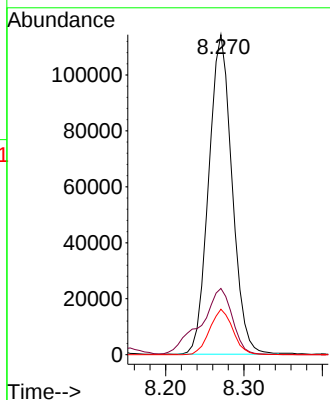
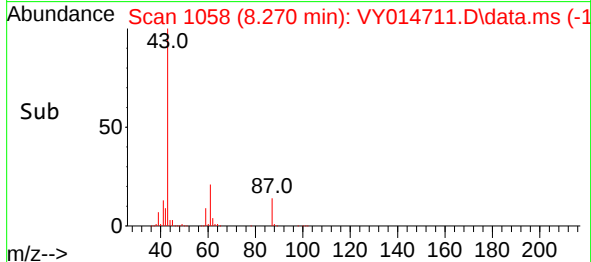
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 23648
Ion Ratio Lower Upper
43 100
61 28.2 21.1 31.7
87 14.1 9.8 14.8

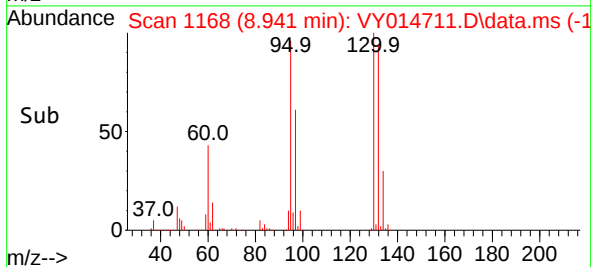
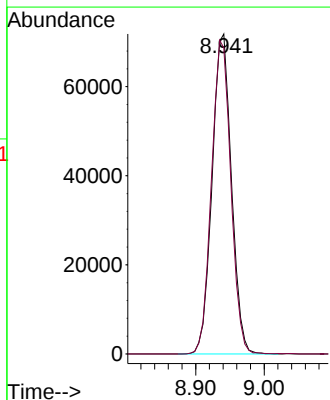
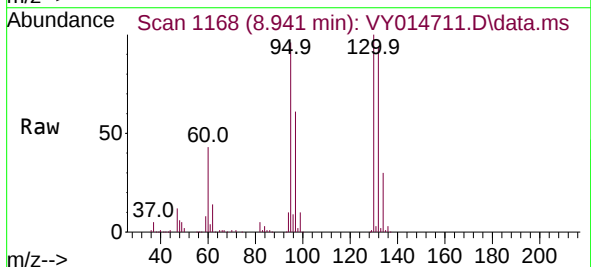
Manual Integrations
APPROVED

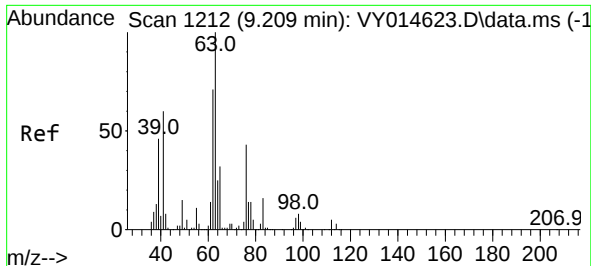
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#44
Trichloroethene
Concen: 45.246 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY014711.D
Acq: 20 Jul 2023 10:50

Tgt Ion:130 Resp: 140460
Ion Ratio Lower Upper
130 100
95 95.7 0.0 196.0





#45

1,2-Dichloropropane

Concen: 45.111 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.006 min

Lab File: VY014711.D

Acq: 20 Jul 2023 10:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 13069

Ion Ratio Lower Upper

63 100

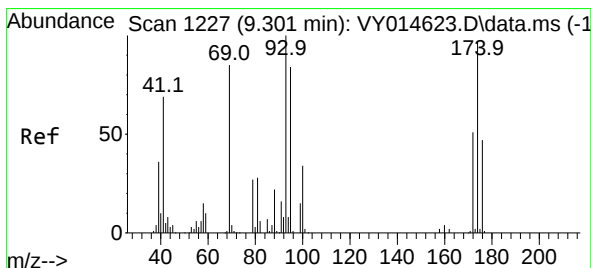
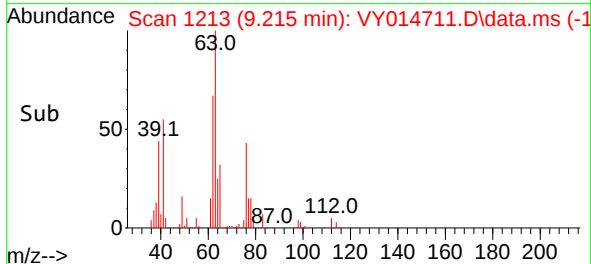
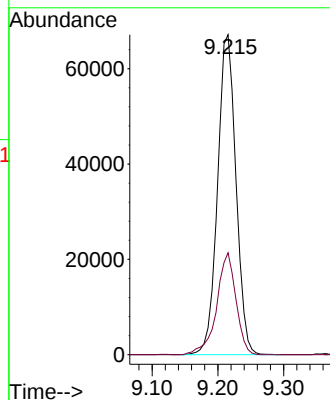
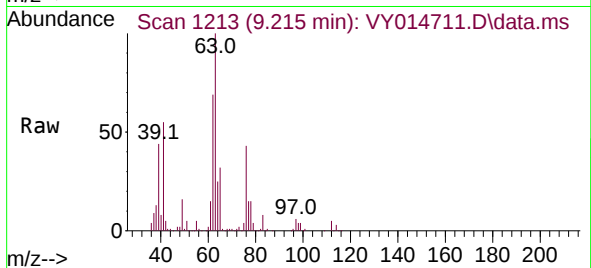
65 31.8 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/21/2023

Supervised By :Mahesh Dadoda 07/21/2023



#46

Dibromomethane

Concen: 47.659 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY014711.D

Acq: 20 Jul 2023 10:50

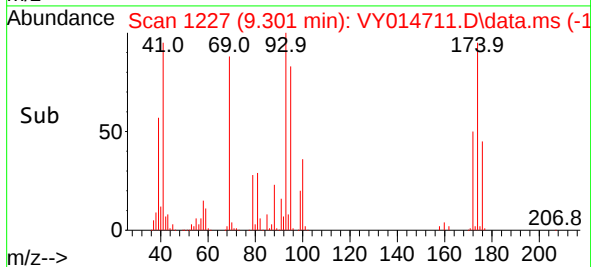
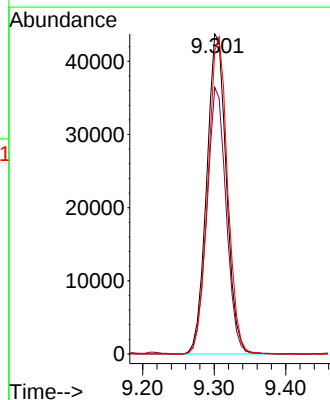
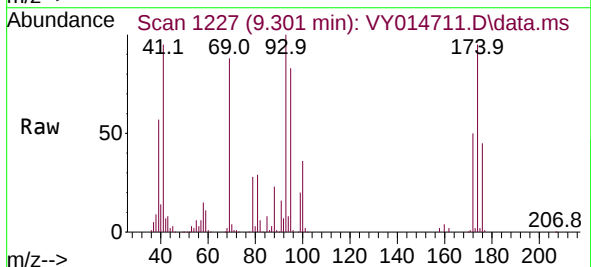
Tgt Ion: 93 Resp: 83766

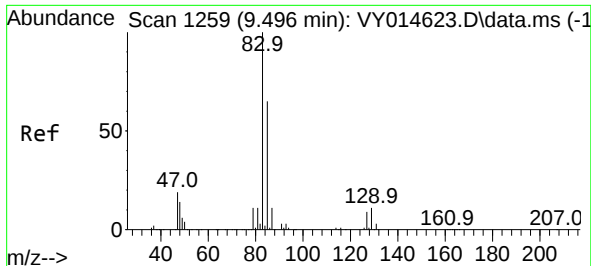
Ion Ratio Lower Upper

93 100

95 81.4 66.6 100.0

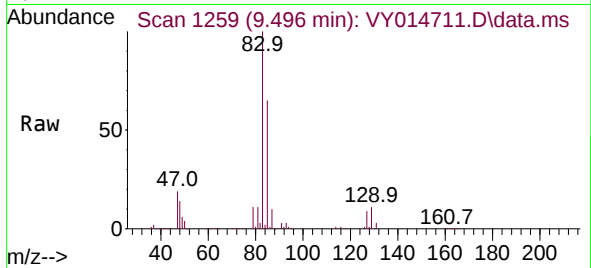
174 98.6 84.8 127.2





#47
Bromodichloromethane
Concen: 46.678 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY014711.D
Acq: 20 Jul 2023 10:50

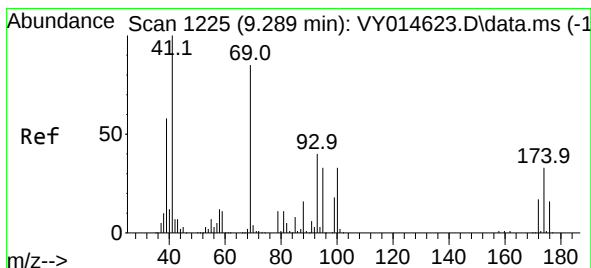
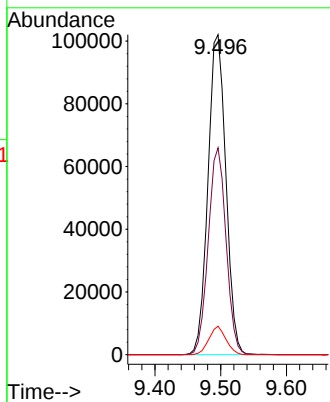
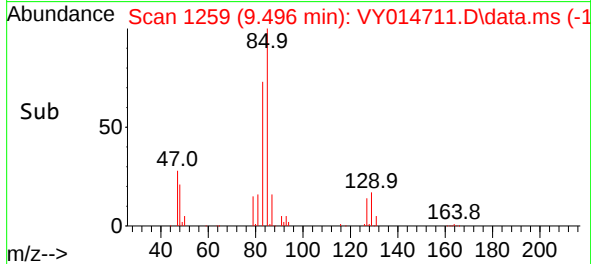
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



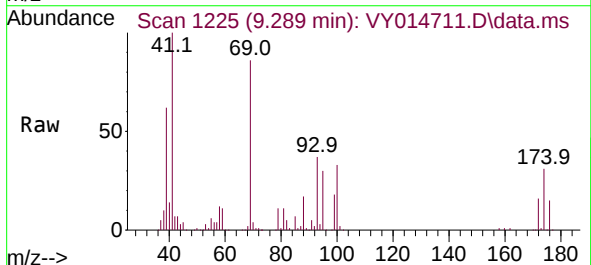
Tgt Ion: 83 Resp: 193364
Ion Ratio Lower Upper
83 100
85 64.7 50.1 75.1
127 8.9 7.1 10.7

Manual Integrations
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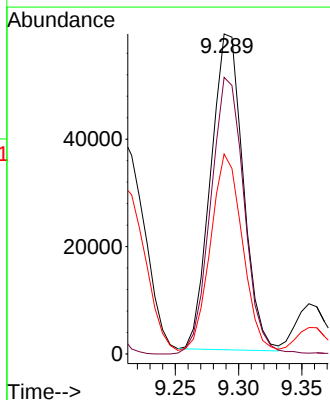
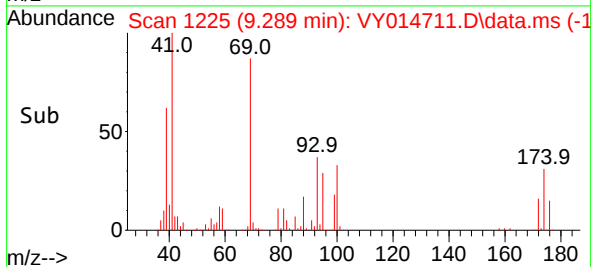
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

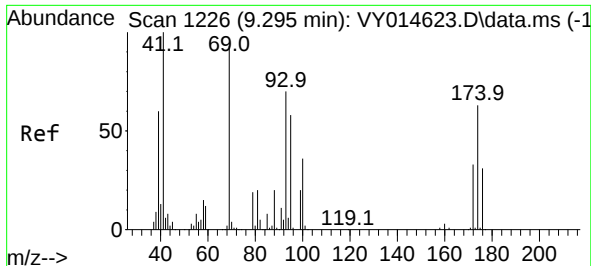


#48
Methyl methacrylate
Concen: 45.646 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY014711.D
Acq: 20 Jul 2023 10:50



Tgt Ion: 41 Resp: 105093
Ion Ratio Lower Upper
41 100
69 90.2 64.5 96.7
39 63.2 50.8 76.2





#49

1,4-Dioxane

Concen: 984.136 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY014711.D

Acq: 20 Jul 2023 10:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

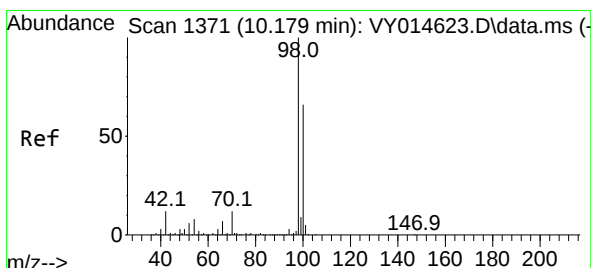
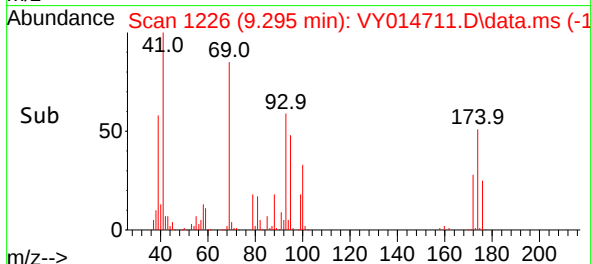
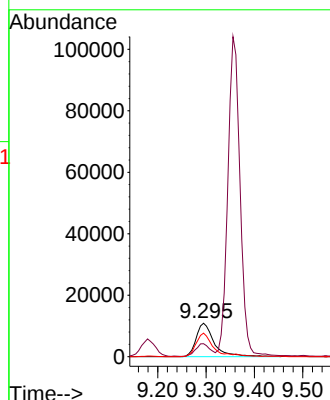
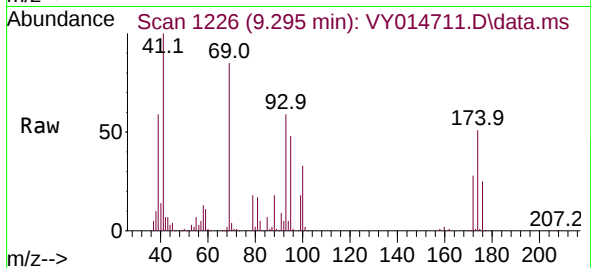
Tgt Ion:	88	Resp:	2820
Ion Ratio	Lower	Upper	
88	100		
43	30.4	0.0	0.0
58	68.6	30.9	46.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/21/2023

Supervised By :Mahesh Dadoda 07/21/2023



#50

Toluene-d8

Concen: 47.458 ug/l

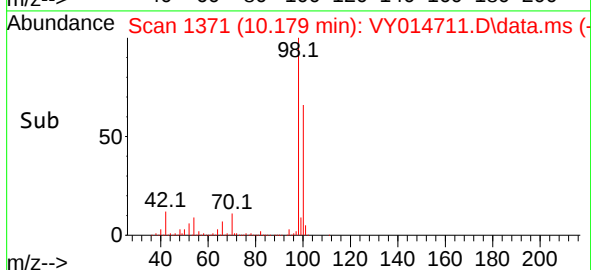
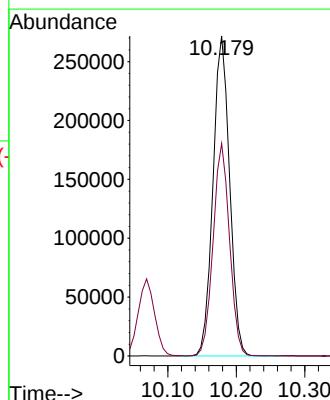
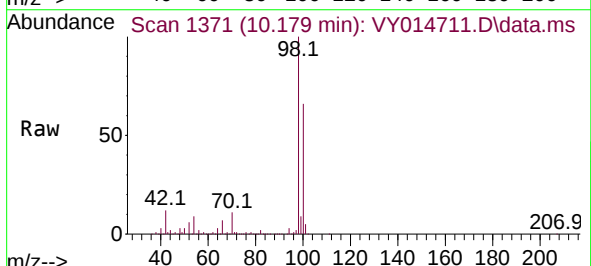
RT: 10.179 min Scan# 1371

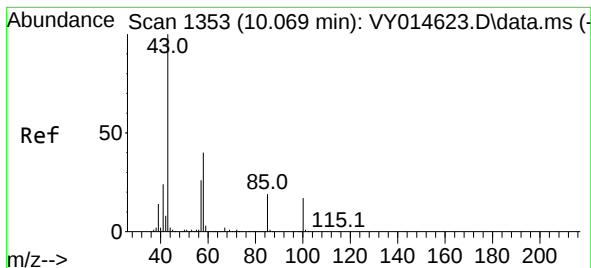
Delta R.T. -0.000 min

Lab File: VY014711.D

Acq: 20 Jul 2023 10:50

Tgt Ion:	98	Resp:	456438
Ion Ratio	Lower	Upper	
98	100		
100	65.6	50.1	75.1





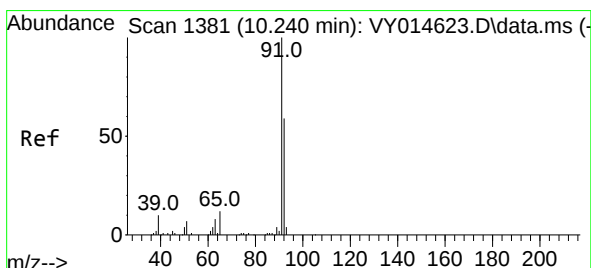
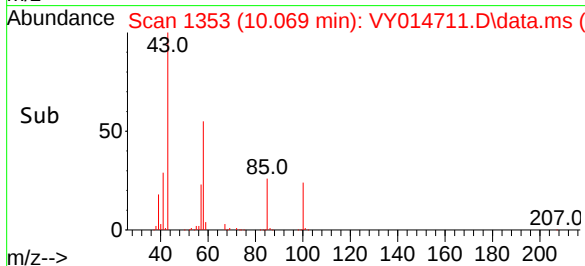
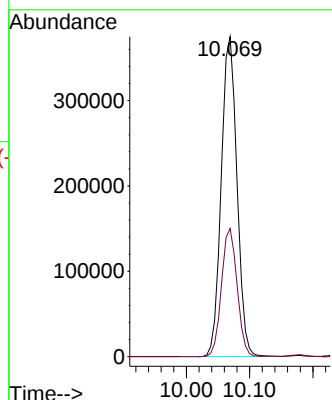
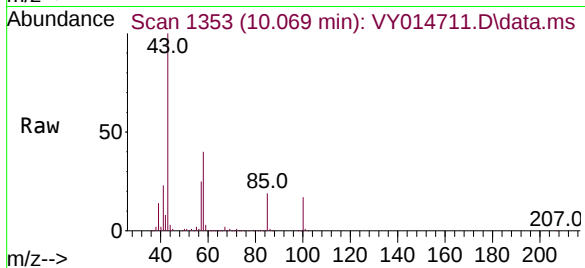
#51
4-Methyl-2-Pentanone
Concen: 239.660 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY014711.D
Acq: 20 Jul 2023 10:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 643834
Ion Ratio Lower Upper
43 100
58 39.8 29.0 43.6

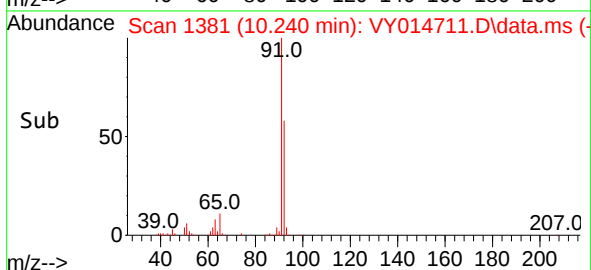
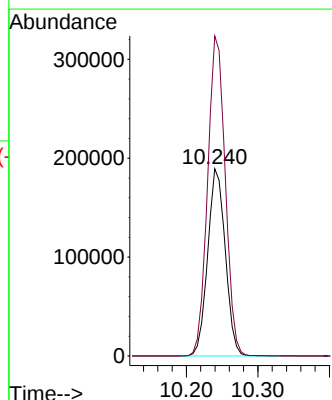
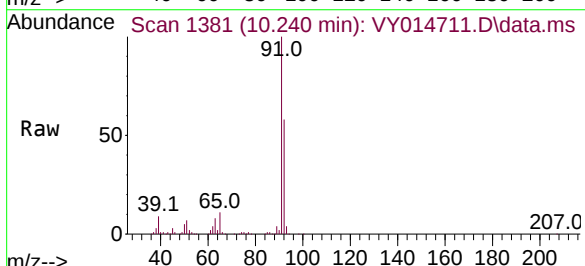
Manual Integrations
APPROVED

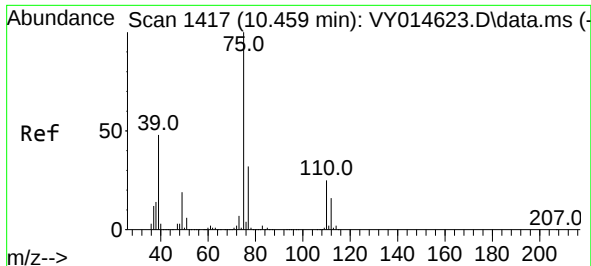
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#52
Toluene
Concen: 45.549 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY014711.D
Acq: 20 Jul 2023 10:50

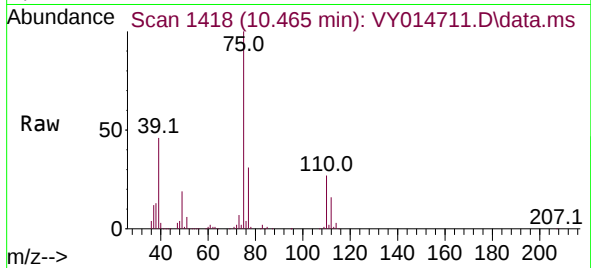
Tgt Ion: 92 Resp: 323395
Ion Ratio Lower Upper
92 100
91 171.6 143.8 215.6





#53
t-1,3-Dichloropropene
Concen: 46.048 ug/l
RT: 10.465 min Scan# 1417
Delta R.T. 0.006 min
Lab File: VY014711.D
Acq: 20 Jul 2023 10:50

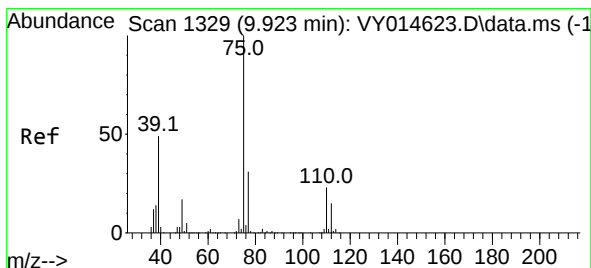
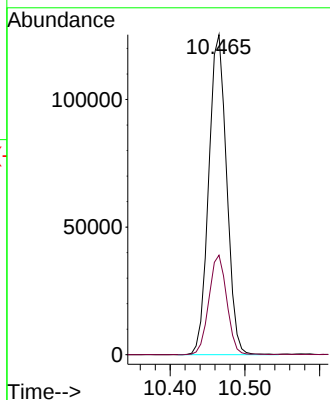
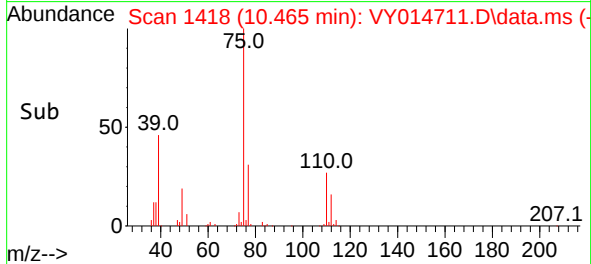
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 208654
Ion Ratio Lower Upper
75 100
77 31.1 25.0 37.4

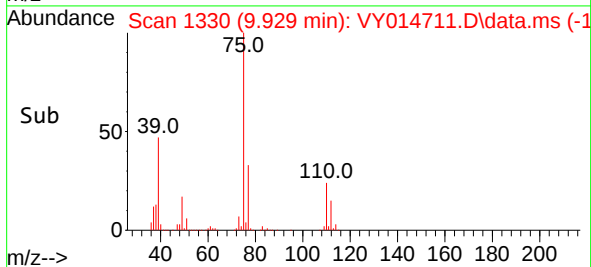
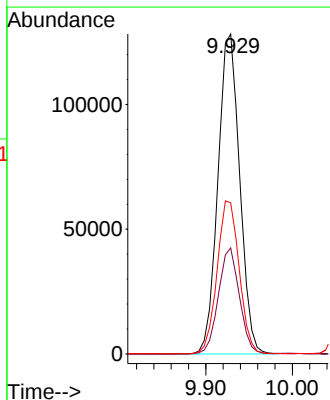
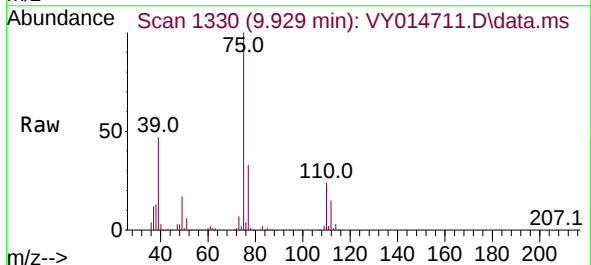
Manual Integrations
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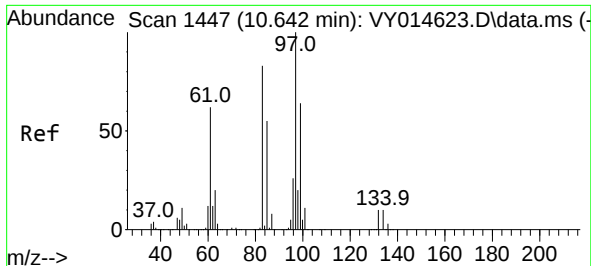
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#54
cis-1,3-Dichloropropene
Concen: 45.485 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.006 min
Lab File: VY014711.D
Acq: 20 Jul 2023 10:50

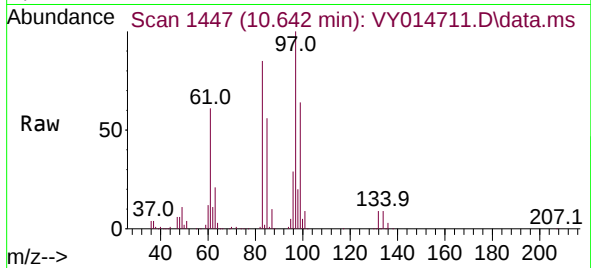
Tgt Ion: 75 Resp: 224131
Ion Ratio Lower Upper
75 100
77 33.1 24.2 36.4
39 47.2 42.2 63.4





#55
1,1,2-Trichloroethane
Concen: 47.411 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY014711.D
Acq: 20 Jul 2023 10:50

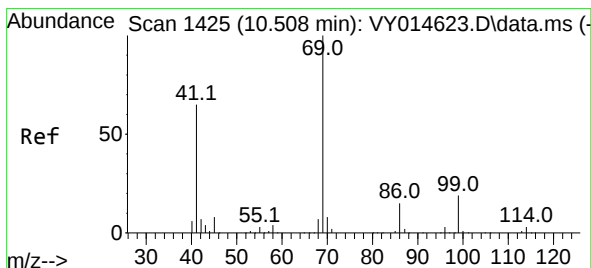
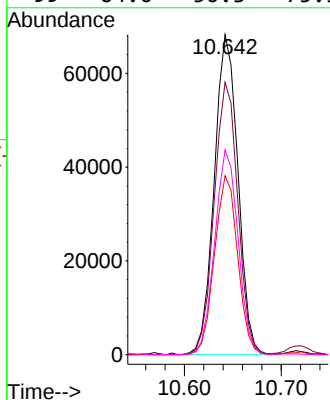
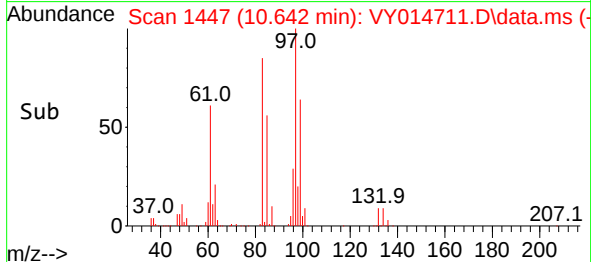
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 97 Resp: 116078
Ion Ratio Lower Upper
97 100
83 85.1 72.0 108.0
85 55.9 45.4 68.0
99 64.0 50.3 75.5

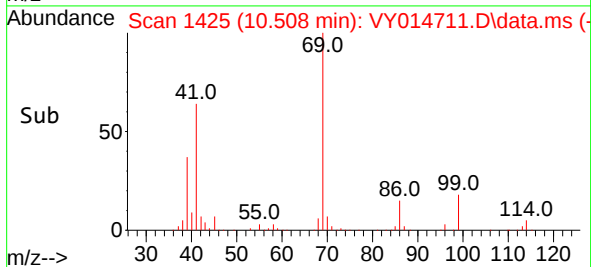
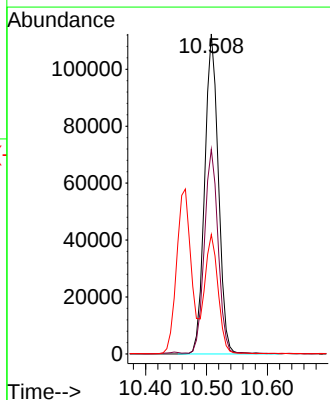
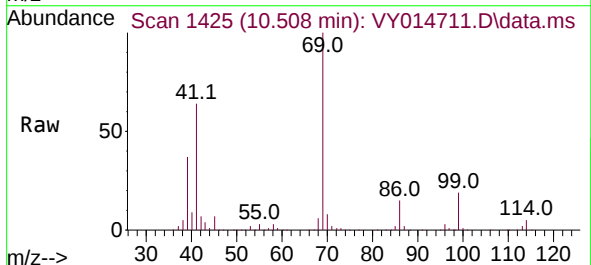
Manual Integrations
APPROVED

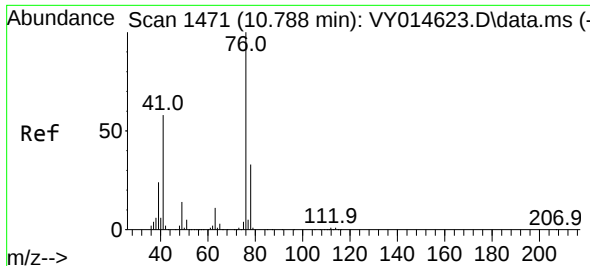
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#56
Ethyl methacrylate
Concen: 47.059 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY014711.D
Acq: 20 Jul 2023 10:50

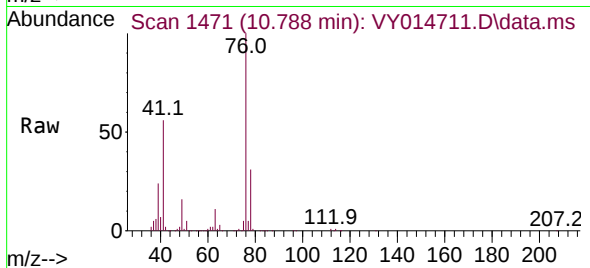
Tgt Ion: 69 Resp: 175914
Ion Ratio Lower Upper
69 100
41 63.7 57.6 86.4
39 34.6 34.1 51.1





#57
1,3-Dichloropropane
Concen: 46.527 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY014711.D
Acq: 20 Jul 2023 10:50

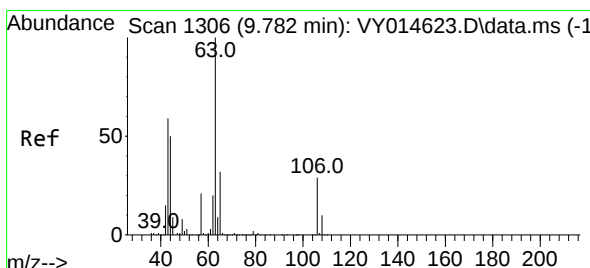
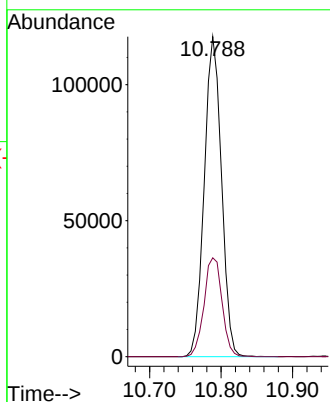
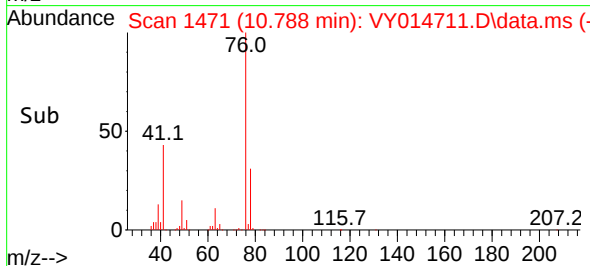
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 19647
Ion Ratio Lower Upper
76 100
78 32.4 25.3 37.9

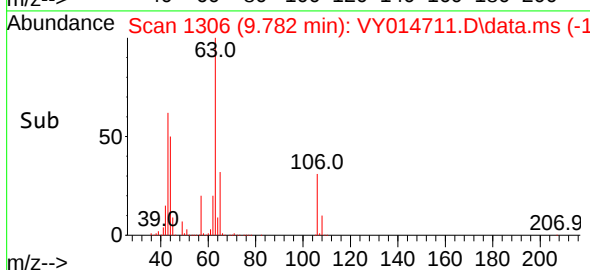
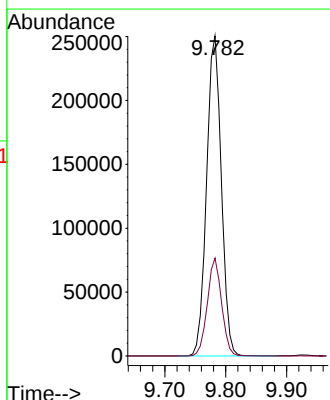
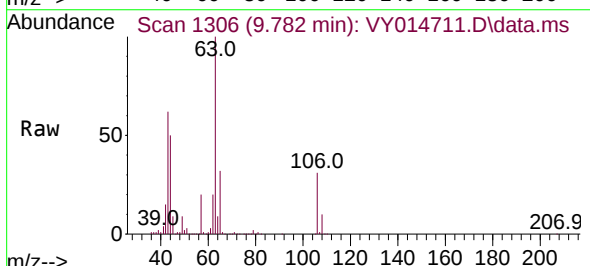
Manual Integrations
APPROVED

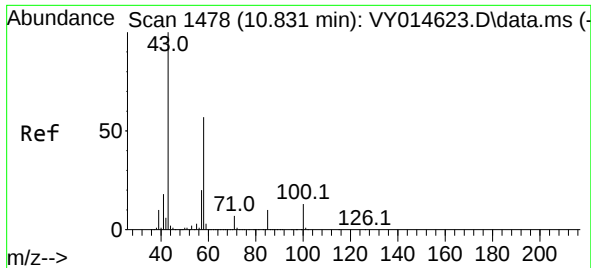
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#58
2-Chloroethyl Vinyl ether
Concen: 241.258 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VY014711.D
Acq: 20 Jul 2023 10:50

Tgt Ion: 63 Resp: 420216
Ion Ratio Lower Upper
63 100
106 29.6 21.2 31.8





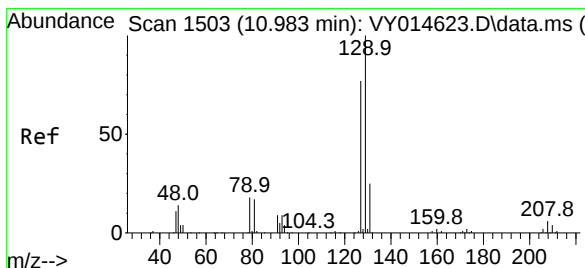
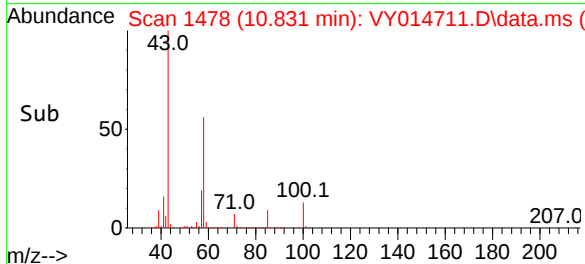
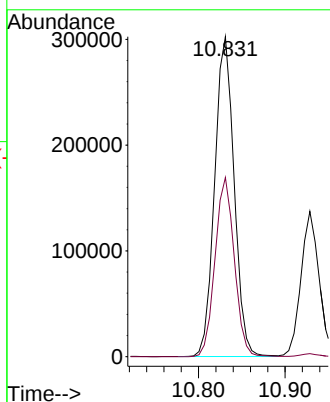
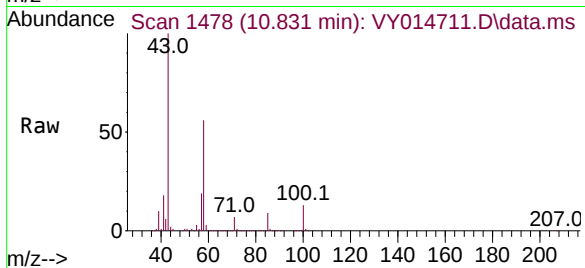
#59
2-Hexanone
Concen: 240.928 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY014711.D
Acq: 20 Jul 2023 10:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 472000
Ion Ratio Lower Upper
43 100
58 55.4 25.1 75.3

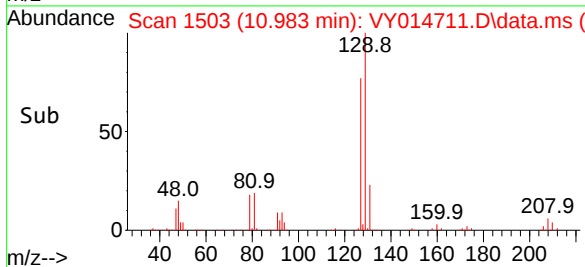
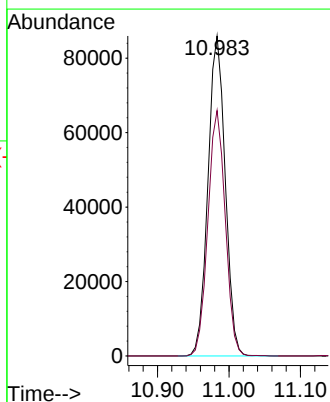
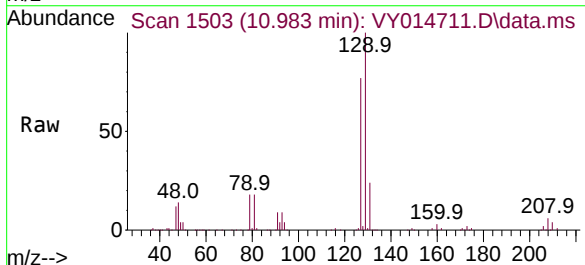
Manual Integrations
APPROVED

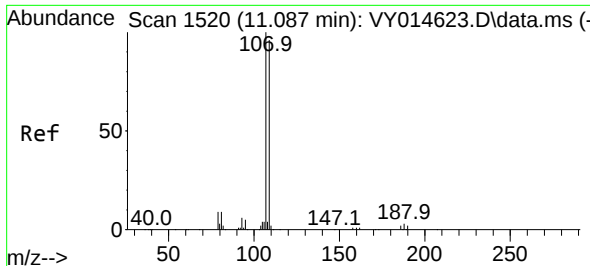
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#60
Dibromochloromethane
Concen: 48.017 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY014711.D
Acq: 20 Jul 2023 10:50

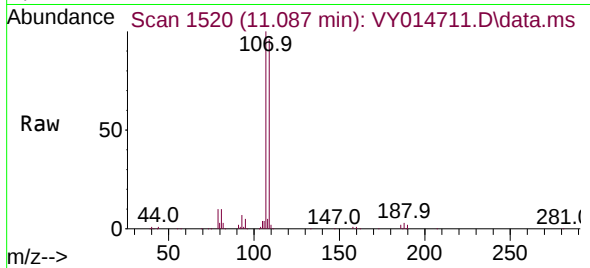
Tgt Ion:129 Resp: 144137
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5





#61
1,2-Dibromoethane
Concen: 46.950 ug/l
RT: 11.087 min Scan# 114672
Delta R.T. 0.000 min
Lab File: VY014711.D
Acq: 20 Jul 2023 10:50

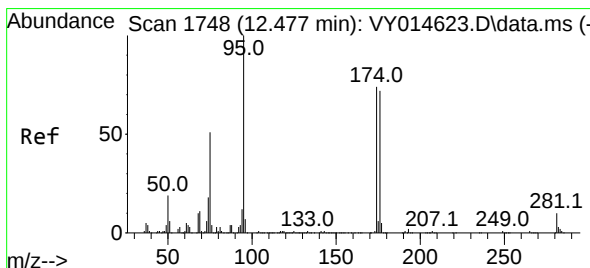
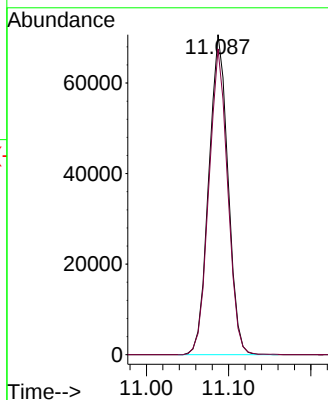
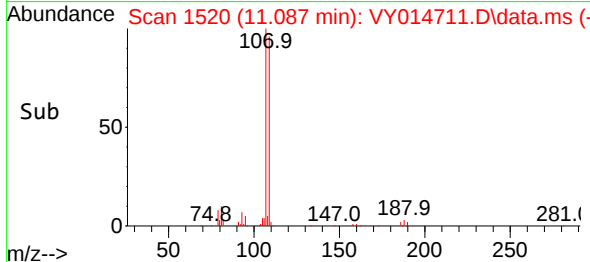
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



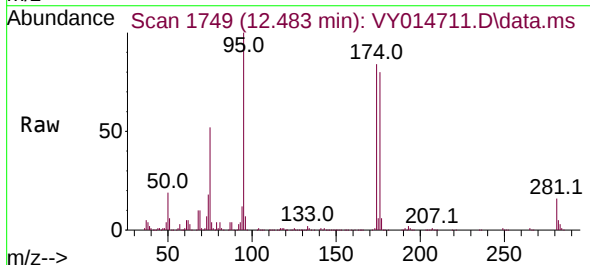
Tgt Ion:107 Resp: 114672
Ion Ratio Lower Upper
107 100
109 93.7 75.6 113.4

Manual Integrations
APPROVED

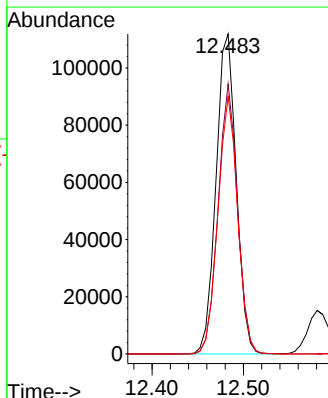
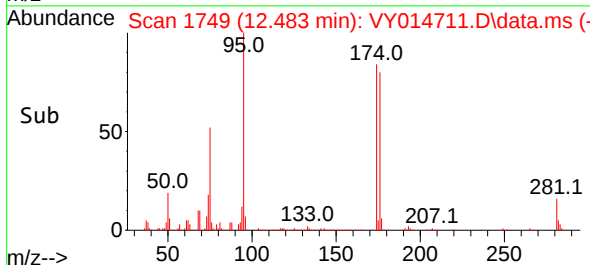
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

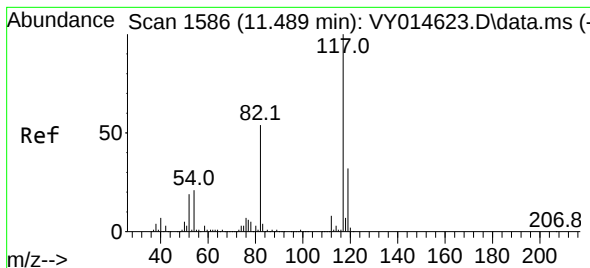


#62
4-Bromofluorobenzene
Concen: 46.627 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014711.D
Acq: 20 Jul 2023 10:50



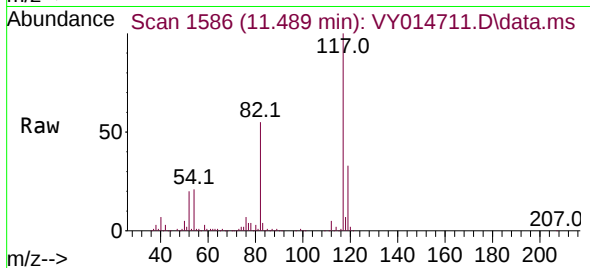
Tgt Ion: 95 Resp: 171953
Ion Ratio Lower Upper
95 100
174 81.0 0.0 178.2
176 78.5 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY014711.D
Acq: 20 Jul 2023 10:50

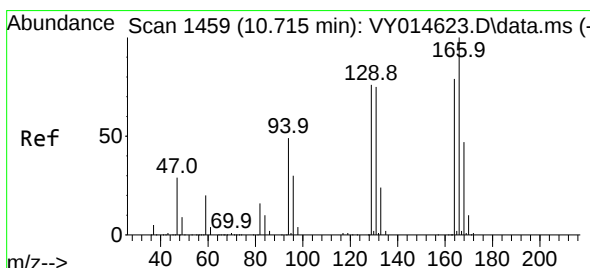
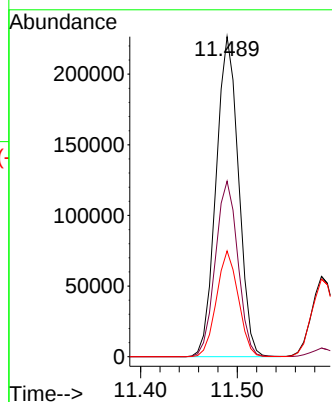
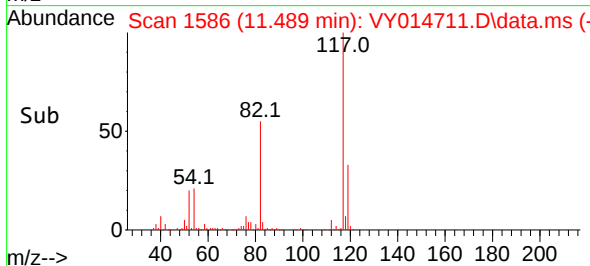
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 36531
Ion Ratio Lower Upper
117 100
82 54.9 43.4 65.0
119 33.0 26.3 39.5

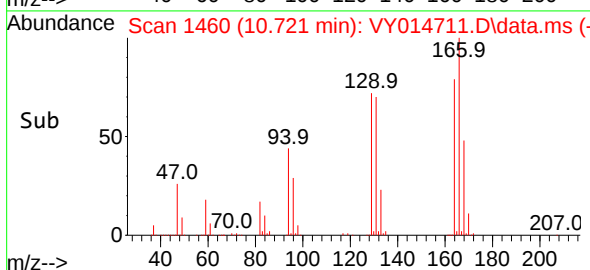
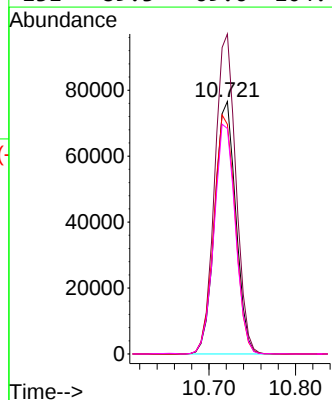
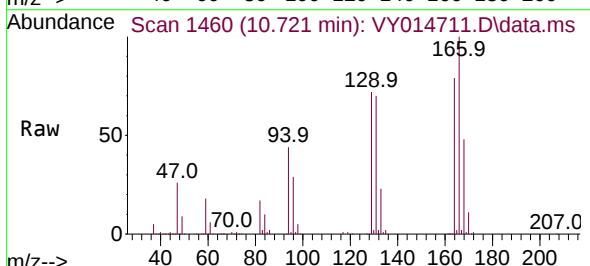
Manual Integrations
APPROVED

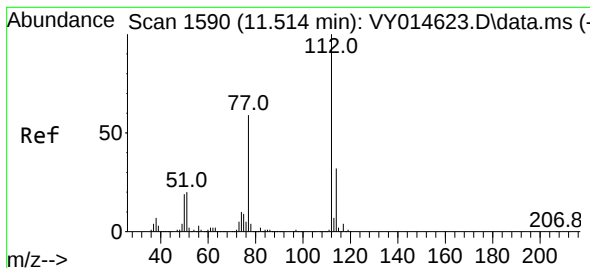
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#64
Tetrachloroethene
Concen: 43.883 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY014711.D
Acq: 20 Jul 2023 10:50

Tgt Ion:164 Resp: 128933
Ion Ratio Lower Upper
164 100
166 126.8 103.0 154.6
129 91.0 77.2 115.8
131 89.3 69.6 104.4





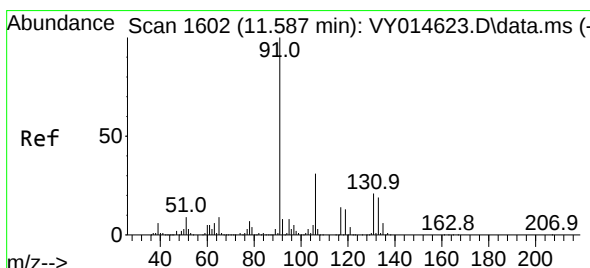
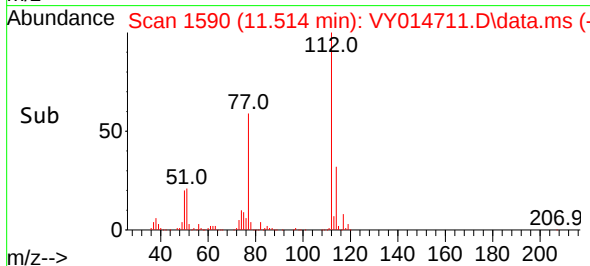
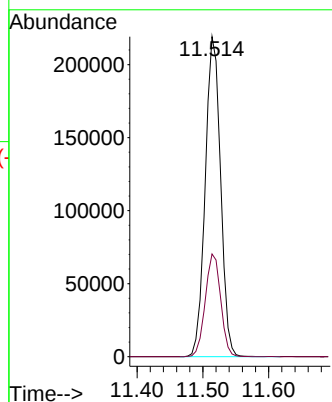
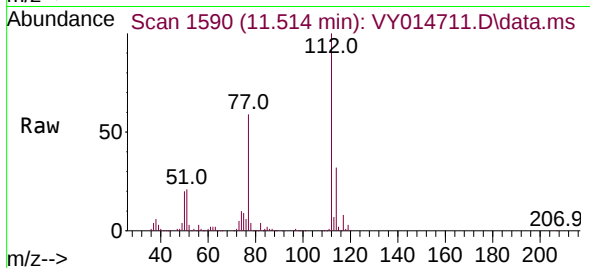
#65
Chlorobenzene
Concen: 45.626 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY014711.D
Acq: 20 Jul 2023 10:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 35518
Ion Ratio Lower Upper
112 100
114 32.1 25.5 38.3

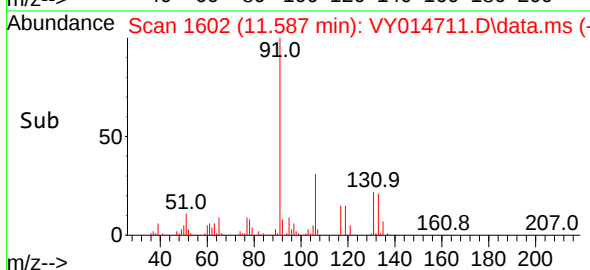
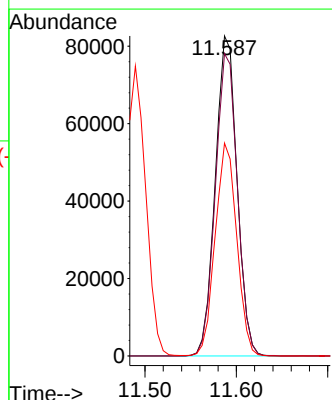
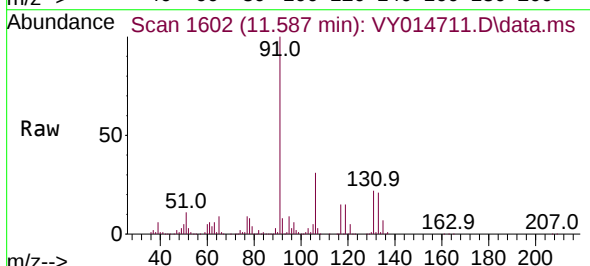
Manual Integrations
APPROVED

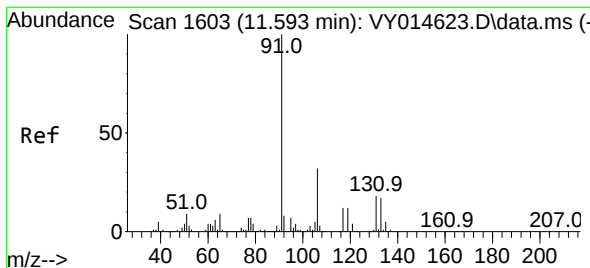
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 46.585 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY014711.D
Acq: 20 Jul 2023 10:50

Tgt Ion:131 Resp: 136737
Ion Ratio Lower Upper
131 100
133 95.7 47.5 142.6
119 66.0 31.6 94.7





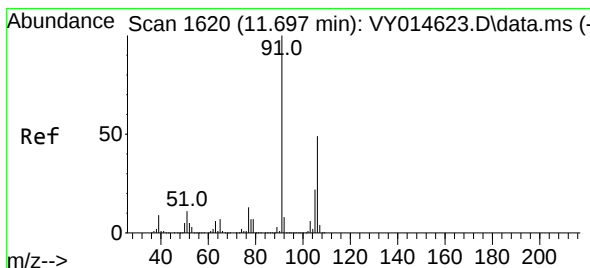
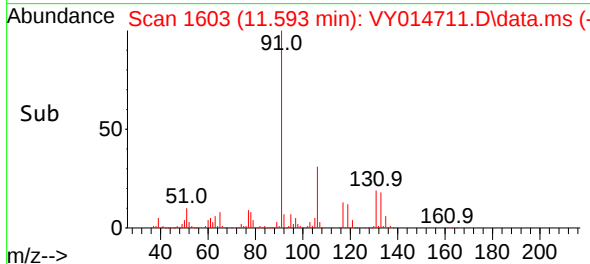
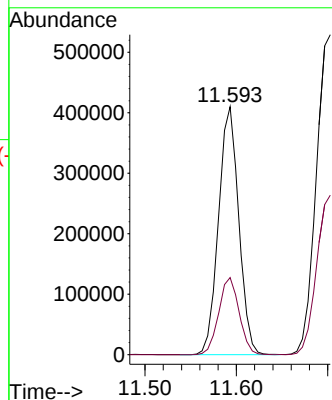
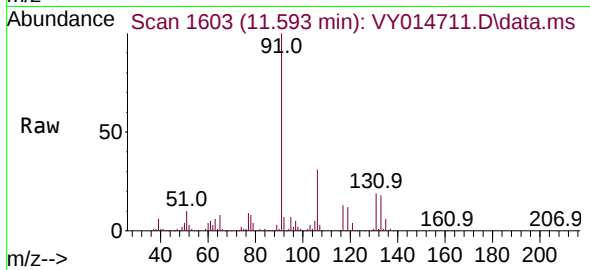
#67
Ethyl Benzene
Concen: 44.881 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY014711.D
Acq: 20 Jul 2023 10:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 63081
Ion Ratio Lower Upper
91 100
106 31.1 24.6 36.8

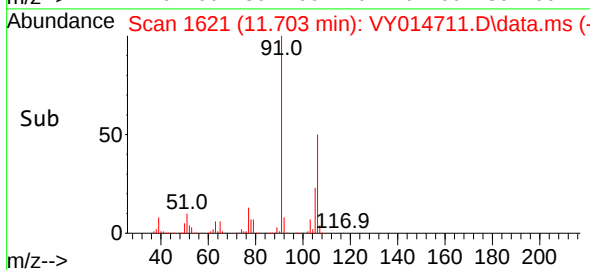
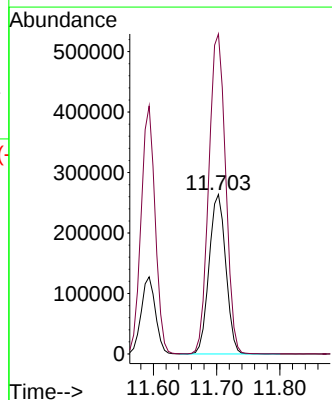
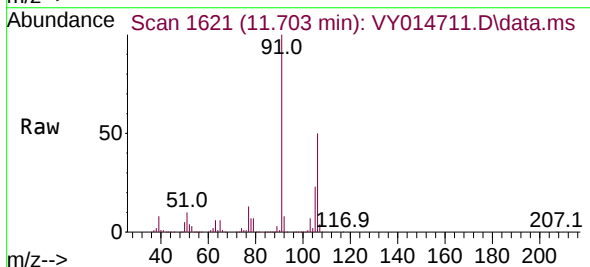
Manual Integrations
APPROVED

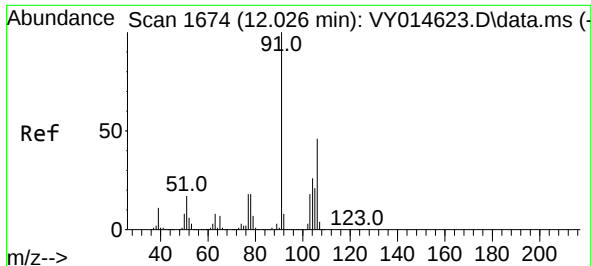
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#68
m/p-Xylenes
Concen: 90.131 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VY014711.D
Acq: 20 Jul 2023 10:50

Tgt Ion:106 Resp: 483584
Ion Ratio Lower Upper
106 100
91 202.2 166.1 249.1





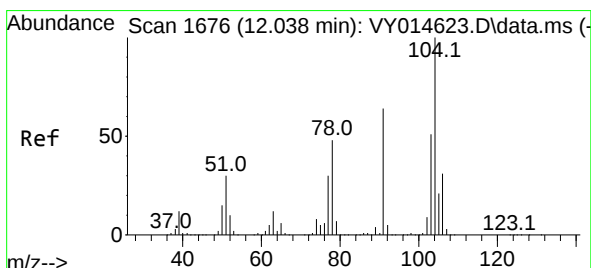
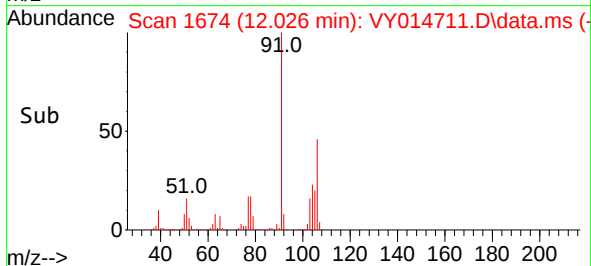
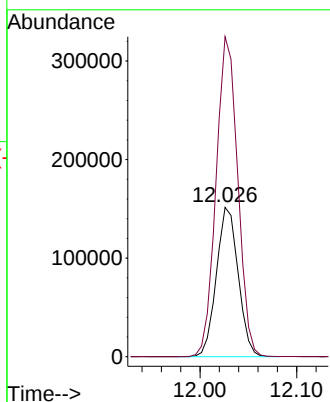
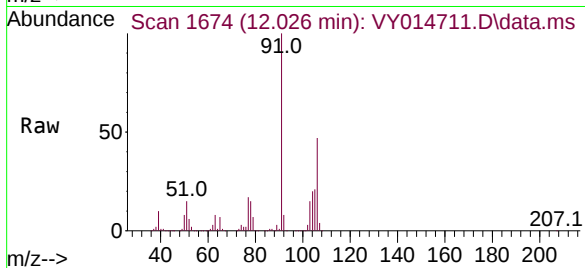
#69
o-Xylene
Concen: 45.304 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY014711.D
Acq: 20 Jul 2023 10:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 236750
Ion Ratio Lower Upper
106 100
91 213.5 108.1 324.3

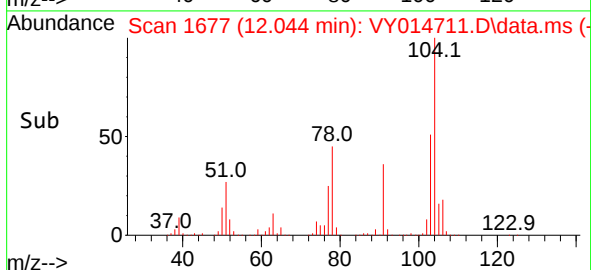
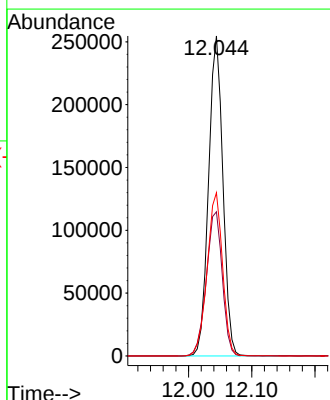
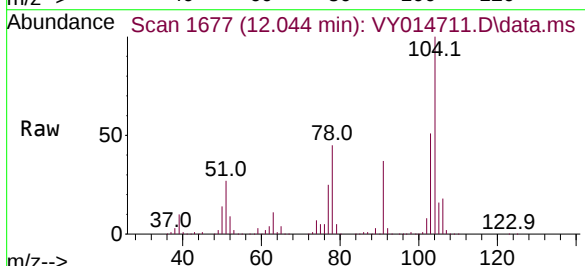
Manual Integrations
APPROVED

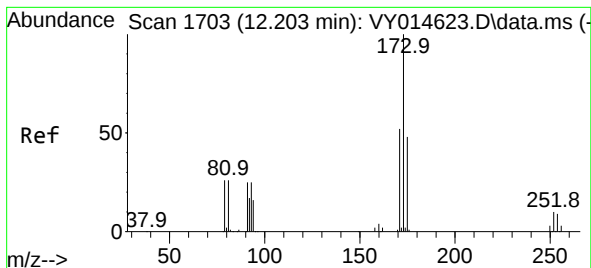
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#70
Styrene
Concen: 45.608 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VY014711.D
Acq: 20 Jul 2023 10:50

Tgt Ion:104 Resp: 401708
Ion Ratio Lower Upper
104 100
78 50.2 41.5 62.3
103 55.0 44.6 67.0





#71

Bromoform

Concen: 48.064 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. 0.006 min

Lab File: VY014711.D

Acq: 20 Jul 2023 10:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

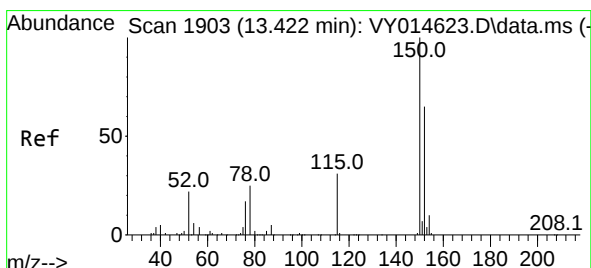
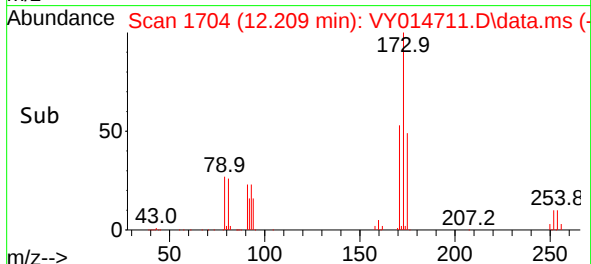
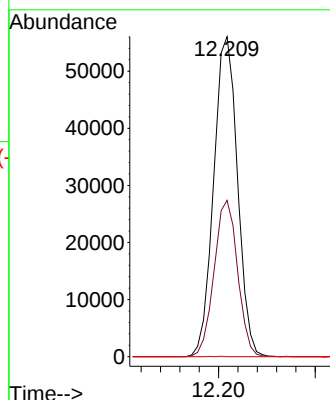
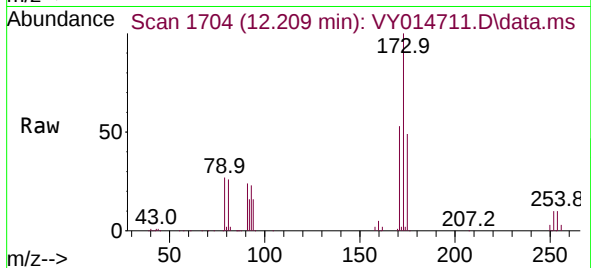
Tgt Ion:173 Resp: 95620
 Ion Ratio Lower Upper
 173 100
 175 48.2 24.6 73.8
 254 0.0 0.2 0.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/21/2023

Supervised By :Mahesh Dadoda 07/21/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

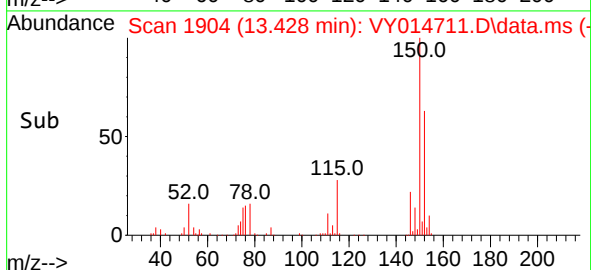
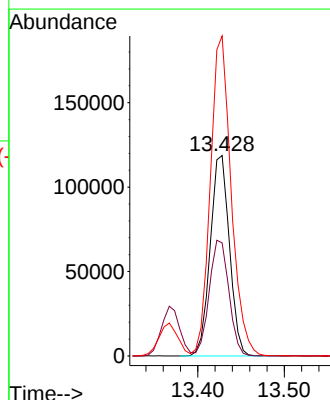
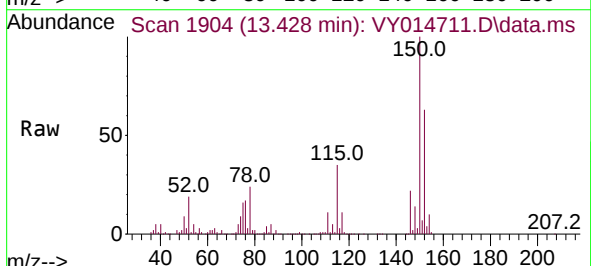
RT: 13.428 min Scan# 1904

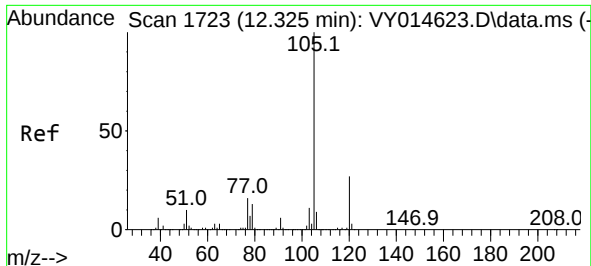
Delta R.T. 0.006 min

Lab File: VY014711.D

Acq: 20 Jul 2023 10:50

Tgt Ion:152 Resp: 183207
 Ion Ratio Lower Upper
 152 100
 115 58.7 28.8 86.5
 150 172.8 0.0 348.8





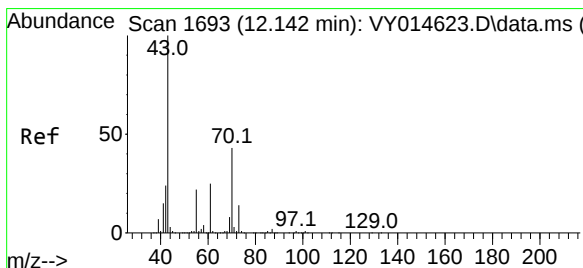
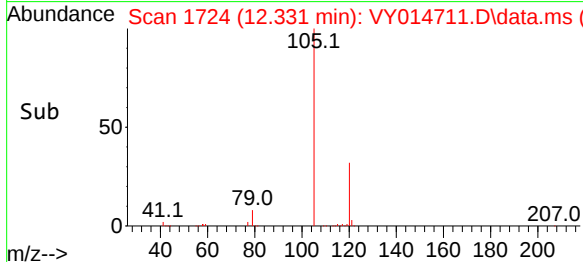
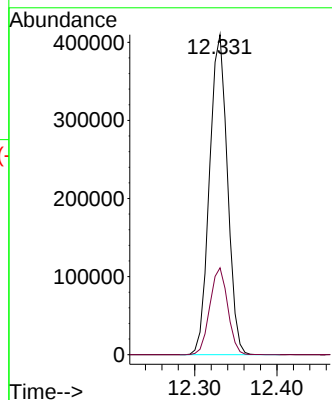
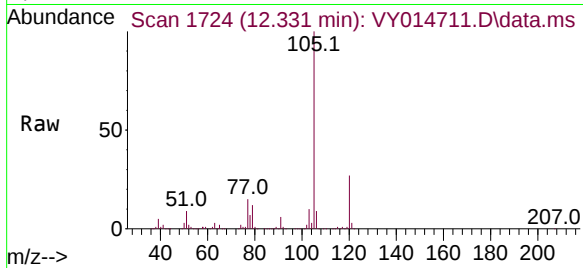
#73
Isopropylbenzene
Concen: 43.256 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VY014711.D
Acq: 20 Jul 2023 10:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 620510
Ion Ratio Lower Upper
105 100
120 27.0 13.3 39.9

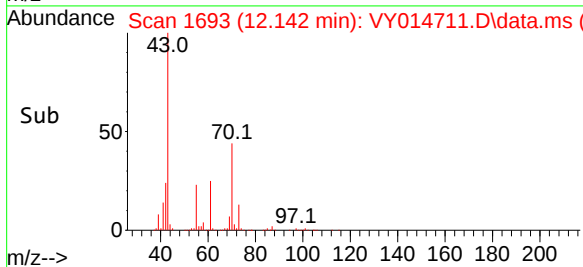
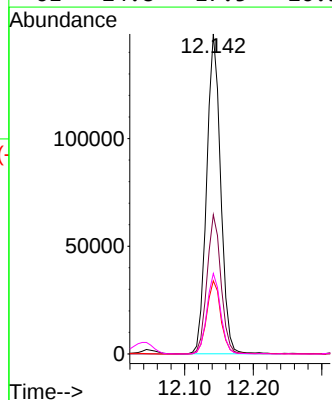
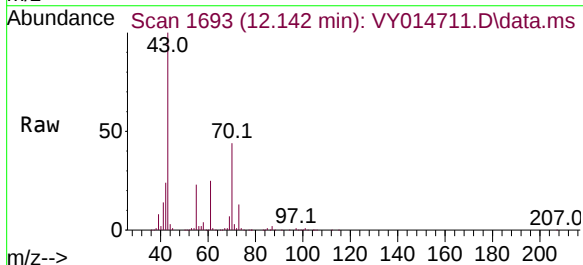
Manual Integrations
APPROVED

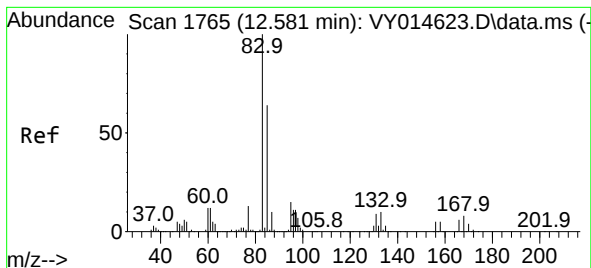
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#74
N-aryl acetate
Concen: 43.855 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY014711.D
Acq: 20 Jul 2023 10:50

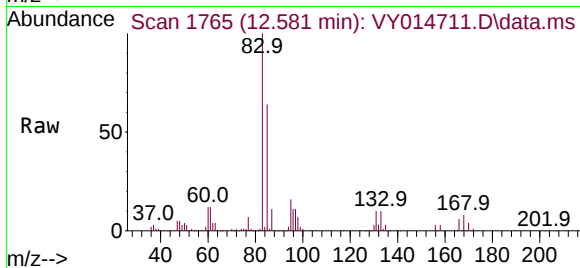
Tgt Ion: 43 Resp: 210700
Ion Ratio Lower Upper
43 100
70 43.6 29.7 44.5
55 23.2 18.3 27.5
61 24.8 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 45.560 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY014711.D
Acq: 20 Jul 2023 10:50

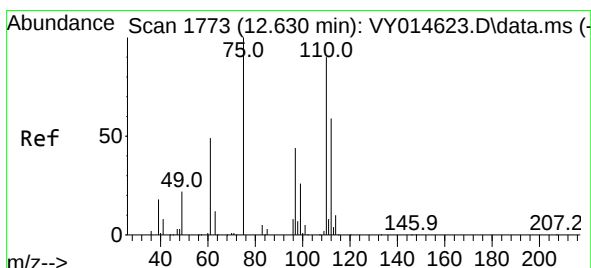
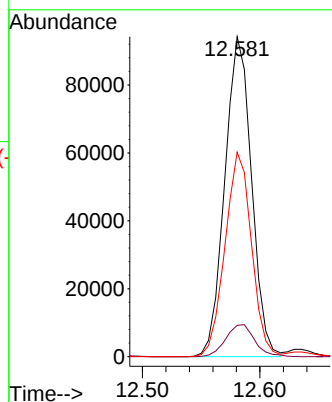
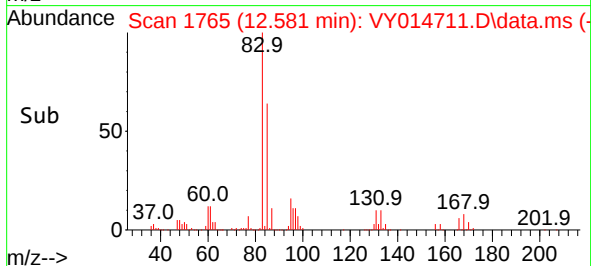
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



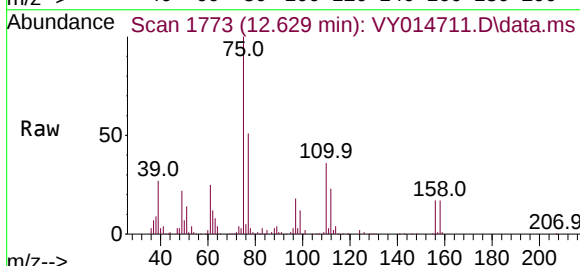
Tgt Ion: 83 Resp: 14904
Ion Ratio Lower Upper
83 100
131 10.8 5.4 16.2
85 63.3 31.8 95.4

Manual Integrations
APPROVED

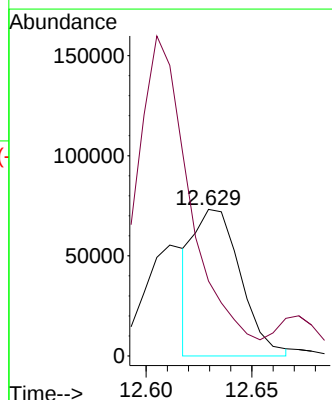
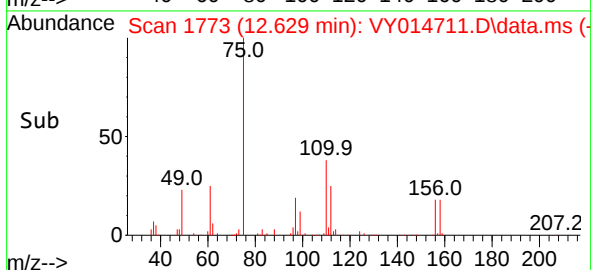
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

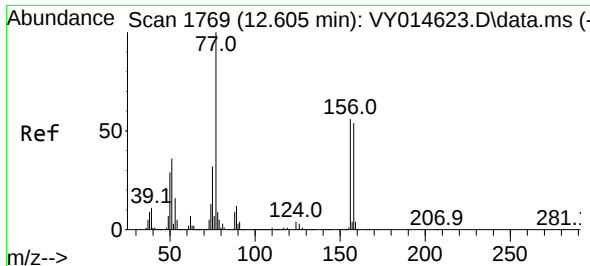


#76
1,2,3-Trichloropropane
Concen: 48.692 ug/l m
RT: 12.629 min Scan# 1773
Delta R.T. -0.001 min
Lab File: VY014711.D
Acq: 20 Jul 2023 10:50



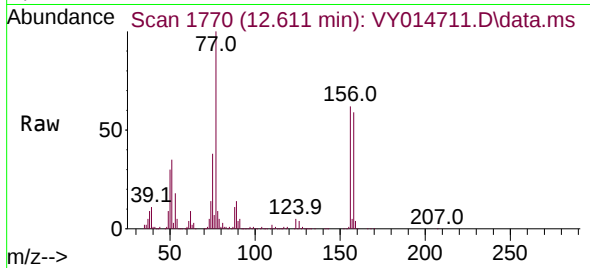
Tgt Ion: 75 Resp: 112667
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 45.115 ug/l
RT: 12.611 min Scan# 1769
Delta R.T. 0.006 min
Lab File: VY014711.D
Acq: 20 Jul 2023 10:50

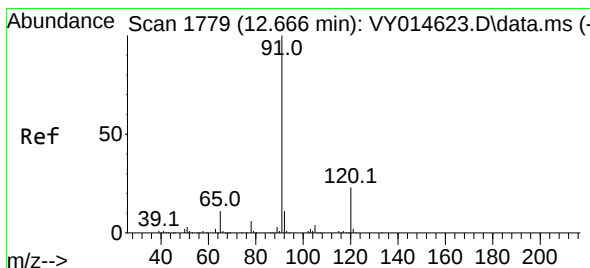
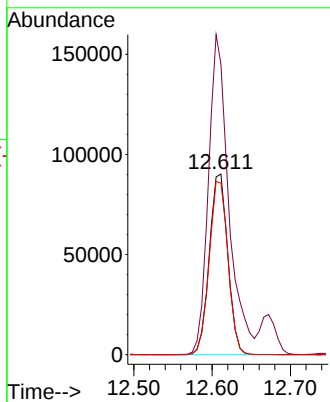
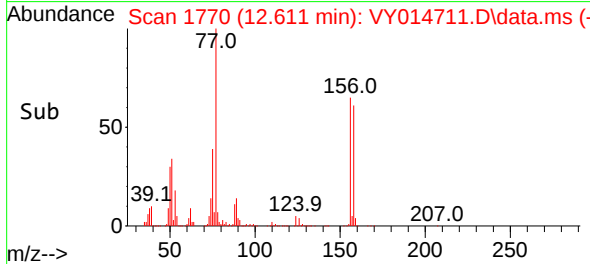
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 147730
Ion Ratio Lower Upper
156 100
77 194.6 92.8 278.6
158 97.0 48.4 145.3

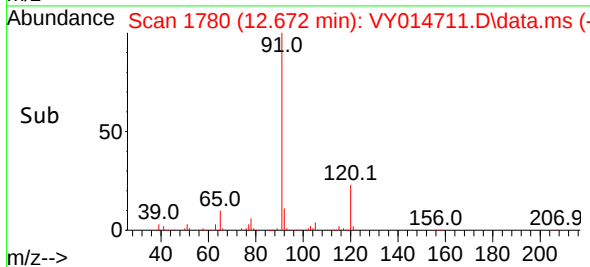
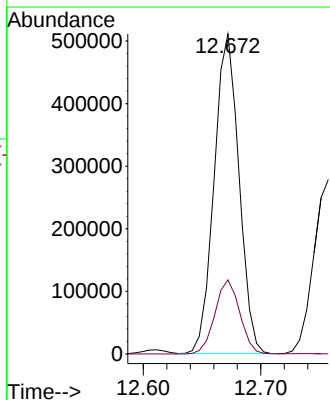
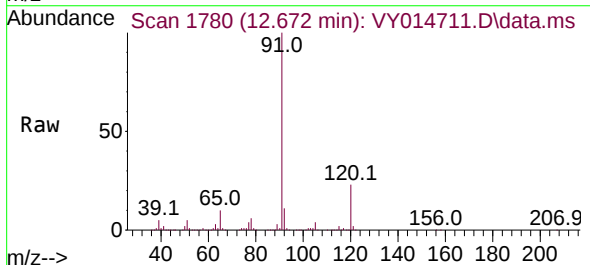
Manual Integrations
APPROVED

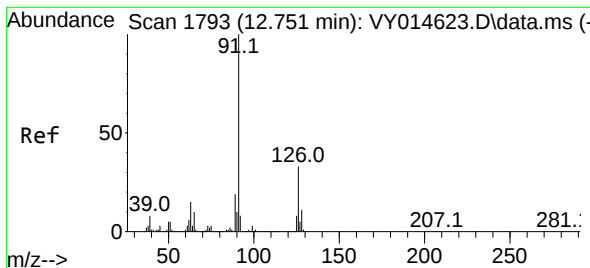
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#78
n-propylbenzene
Concen: 43.403 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VY014711.D
Acq: 20 Jul 2023 10:50

Tgt Ion: 91 Resp: 750263
Ion Ratio Lower Upper
91 100
120 23.1 11.5 34.4





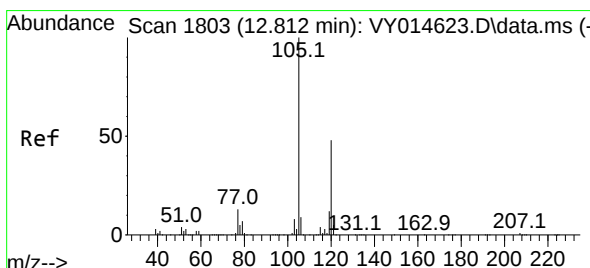
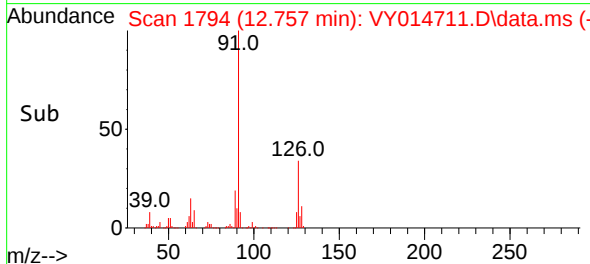
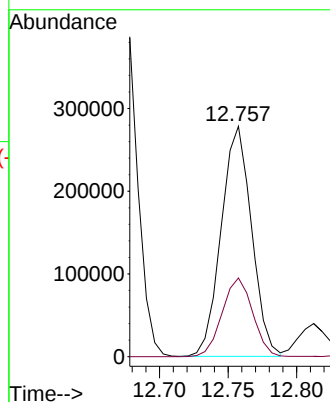
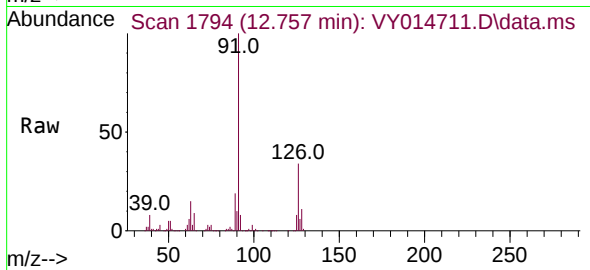
#79
2-Chlorotoluene
Concen: 43.173 ug/l
RT: 12.757 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VY014711.D
Acq: 20 Jul 2023 10:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 42985
Ion Ratio Lower Upper
91 100
126 34.4 17.3 51.7

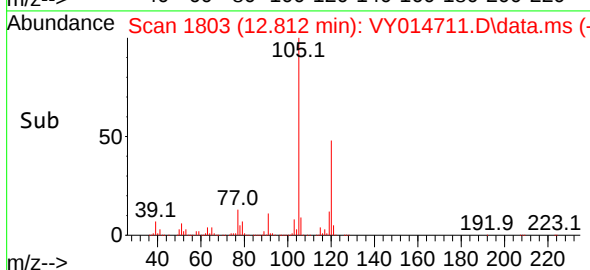
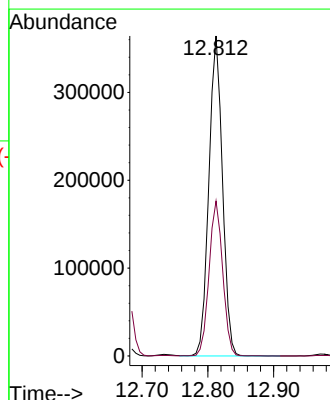
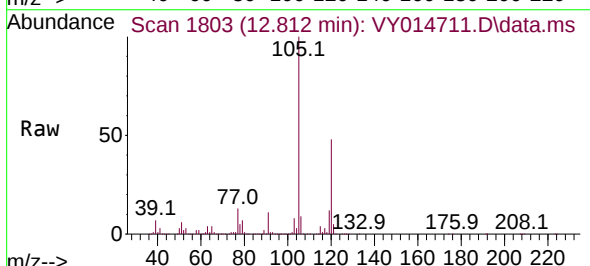
Manual Integrations
APPROVED

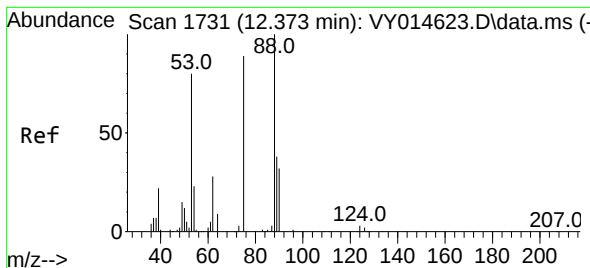
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#80
1,3,5-Trimethylbenzene
Concen: 43.713 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY014711.D
Acq: 20 Jul 2023 10:50

Tgt Ion:105 Resp: 523699
Ion Ratio Lower Upper
105 100
120 48.5 23.9 71.7





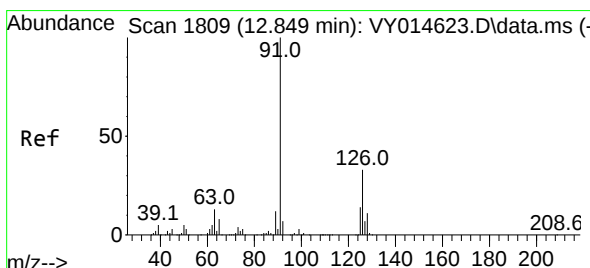
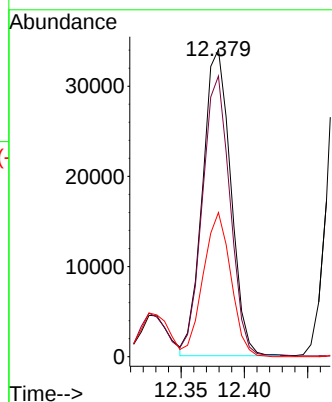
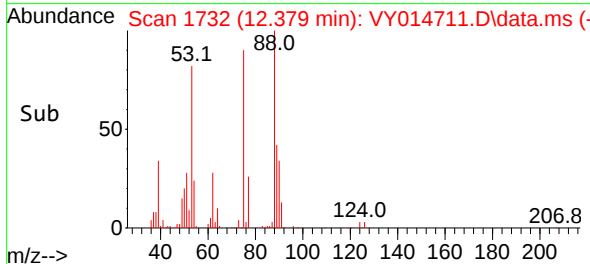
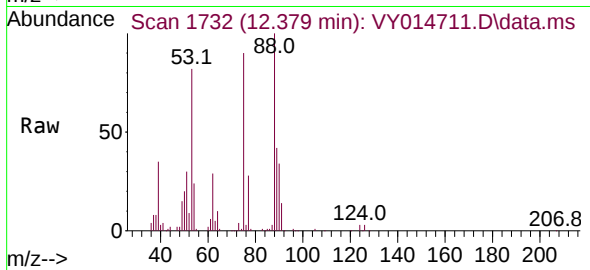
#81
trans-1,4-Dichloro-2-butene
Concen: 44.019 ug/l
RT: 12.379 min Scan# 1731
Delta R.T. 0.006 min
Lab File: VY014711.D
Acq: 20 Jul 2023 10:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 52600
Ion Ratio Lower Upper
75 100
53 89.9 77.8 116.8
89 46.3 37.4 56.0

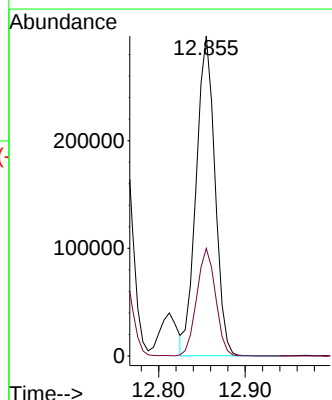
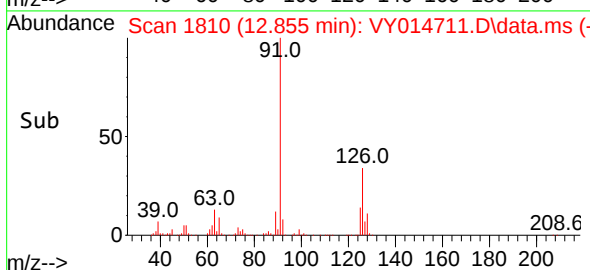
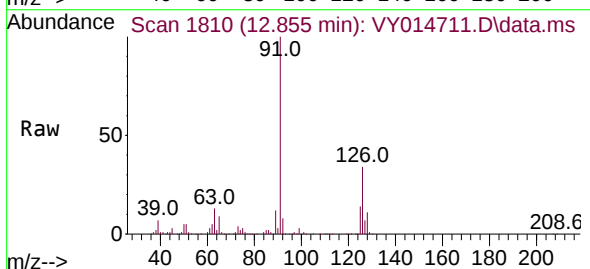
Manual Integrations
APPROVED

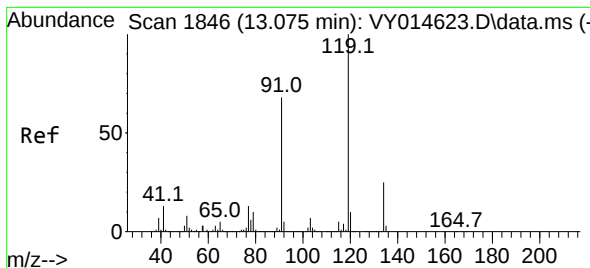
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#82
4-Chlorotoluene
Concen: 43.576 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY014711.D
Acq: 20 Jul 2023 10:50

Tgt Ion: 91 Resp: 446838
Ion Ratio Lower Upper
91 100
126 33.6 17.2 51.6





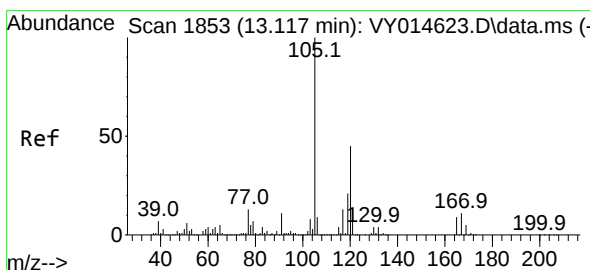
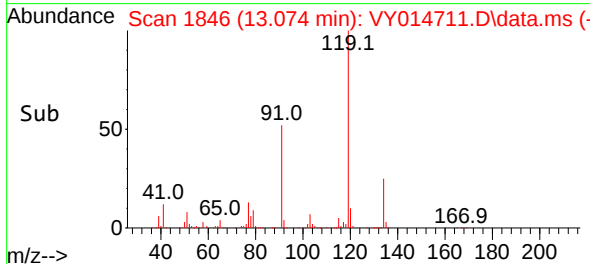
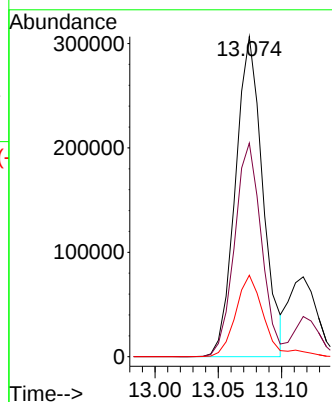
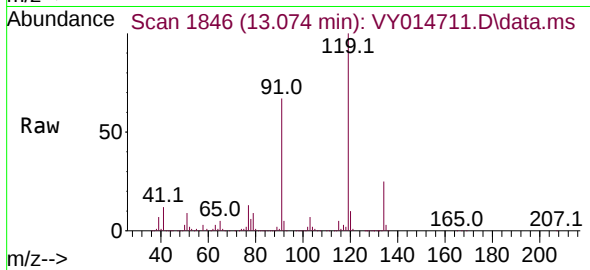
#83
tert-Butylbenzene
Concen: 43.437 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.001 min
Lab File: VY014711.D
Acq: 20 Jul 2023 10:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 461618
Ion Ratio Lower Upper
119 100
91 65.6 32.9 98.6
134 26.7 13.0 38.9

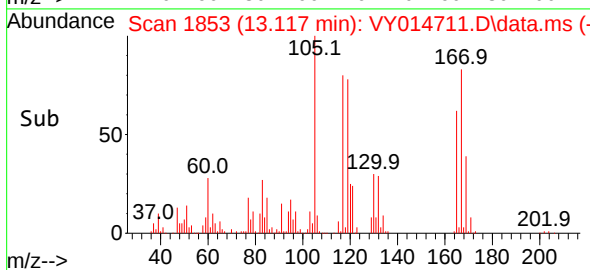
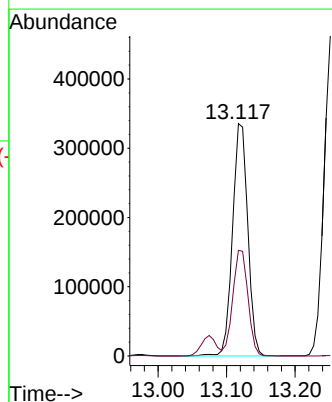
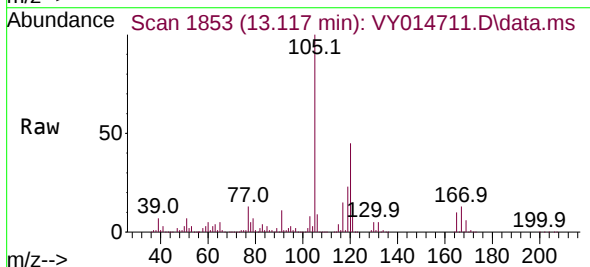
Manual Integrations
APPROVED

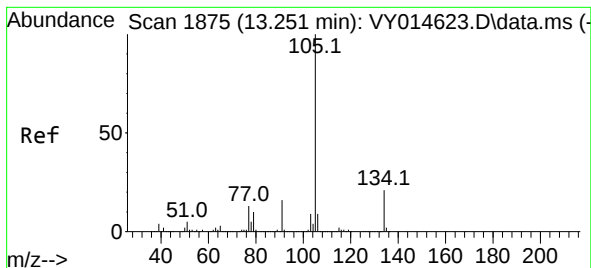
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#84
1,2,4-Trimethylbenzene
Concen: 44.096 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY014711.D
Acq: 20 Jul 2023 10:50

Tgt Ion:105 Resp: 518444
Ion Ratio Lower Upper
105 100
120 45.1 22.2 66.6





#85

sec-Butylbenzene

Concen: 43.876 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY014711.D

Acq: 20 Jul 2023 10:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 684010

Ion Ratio Lower Upper

105 100

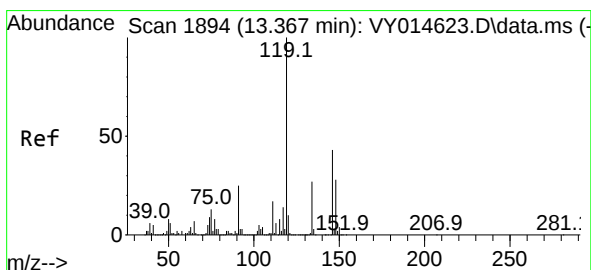
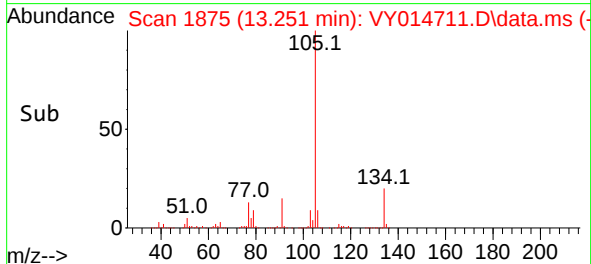
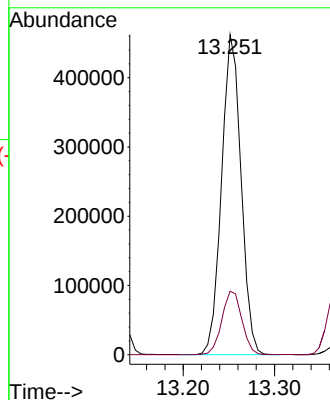
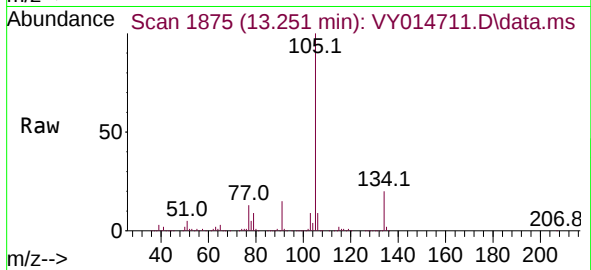
134 20.4 10.2 30.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/21/2023

Supervised By :Mahesh Dadoda 07/21/2023



#86

p-Isopropyltoluene

Concen: 44.448 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY014711.D

Acq: 20 Jul 2023 10:50

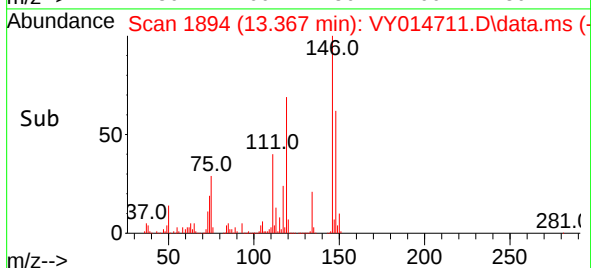
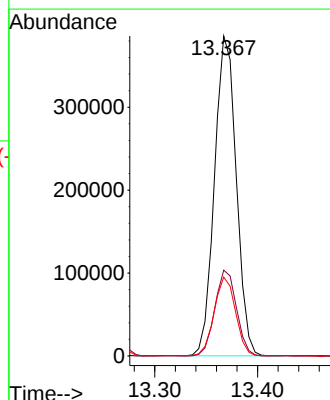
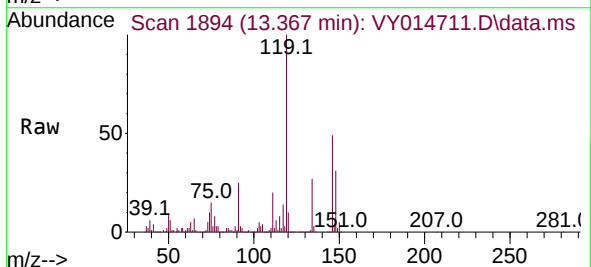
Tgt Ion:119 Resp: 565746

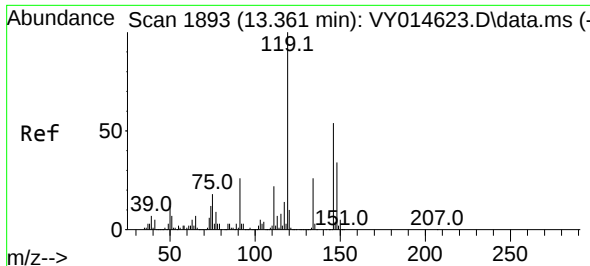
Ion Ratio Lower Upper

119 100

134 26.7 13.3 39.8

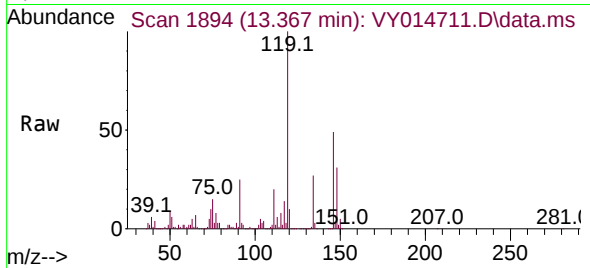
91 24.1 12.4 37.4





#87
1,3-Dichlorobenzene
Concen: 45.512 ug/l
RT: 13.367 min Scan# 1893
Delta R.T. 0.006 min
Lab File: VY014711.D
Acq: 20 Jul 2023 10:50

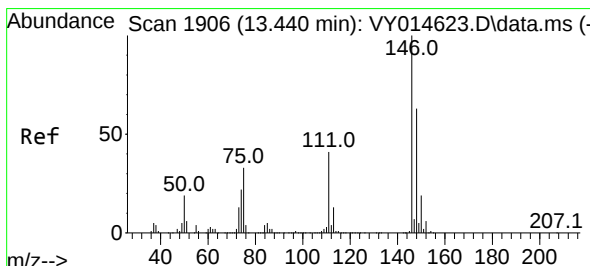
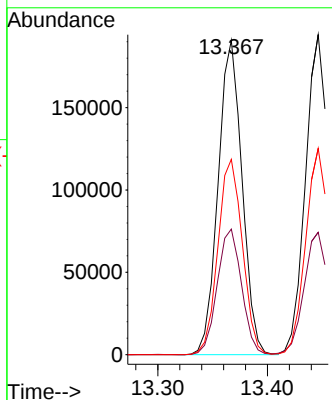
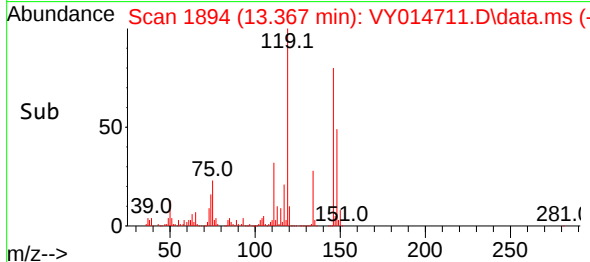
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



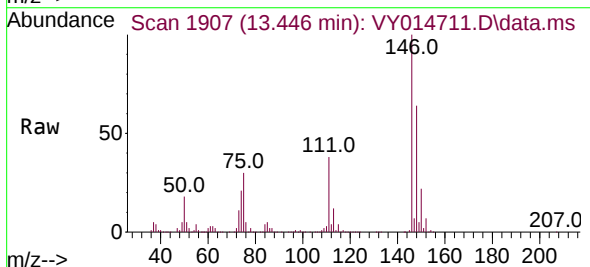
Tgt Ion:146 Resp: 290048
Ion Ratio Lower Upper
146 100
111 40.5 19.4 58.2
148 63.5 31.9 95.5

Manual Integrations
APPROVED

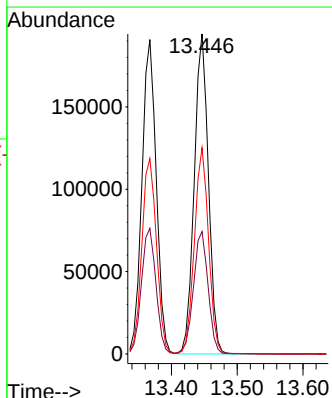
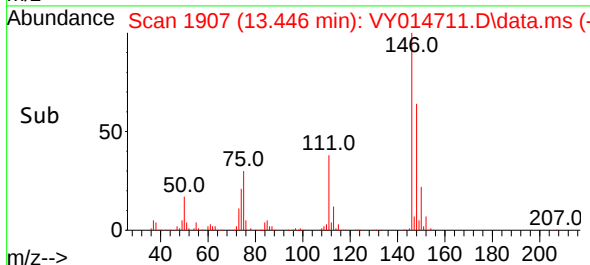
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

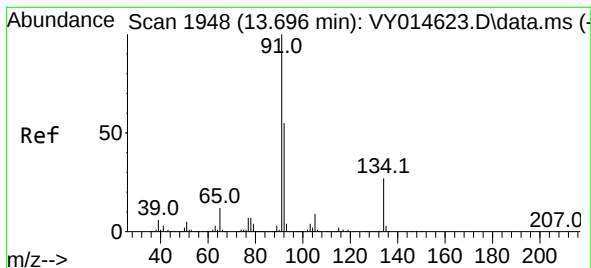


#88
1,4-Dichlorobenzene
Concen: 45.456 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VY014711.D
Acq: 20 Jul 2023 10:50



Tgt Ion:146 Resp: 290299
Ion Ratio Lower Upper
146 100
111 39.5 18.9 56.7
148 64.4 32.1 96.5





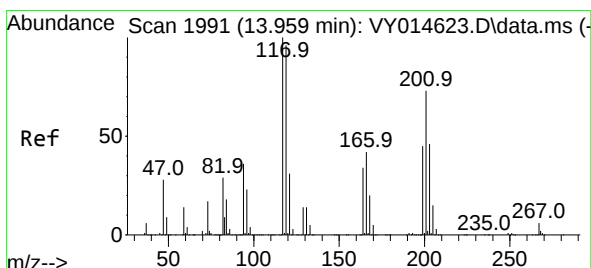
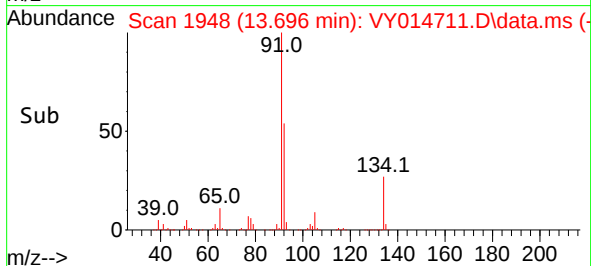
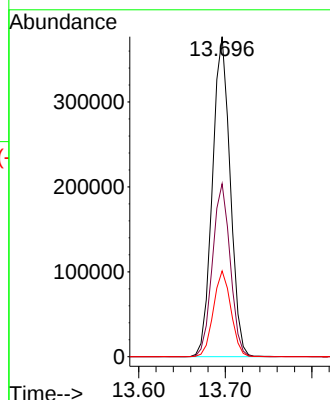
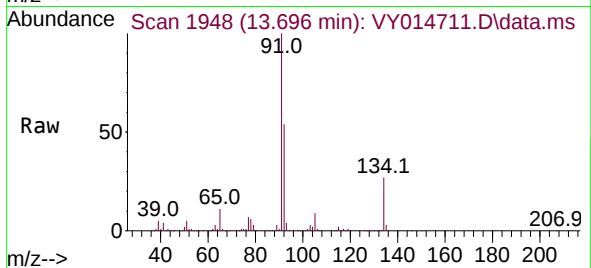
#89
n-Butylbenzene
Concen: 43.386 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY014711.D
Acq: 20 Jul 2023 10:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 53727
Ion Ratio Lower Upper
91 100
92 54.1 25.4 76.0
134 26.4 12.6 37.6

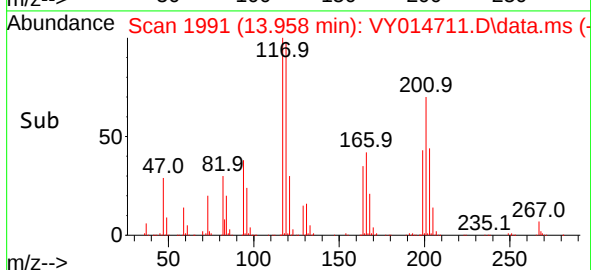
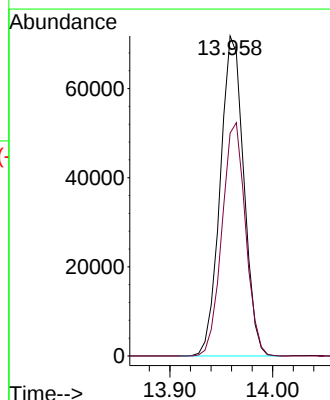
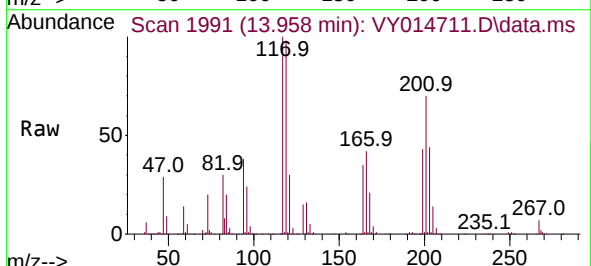
Manual Integrations
APPROVED

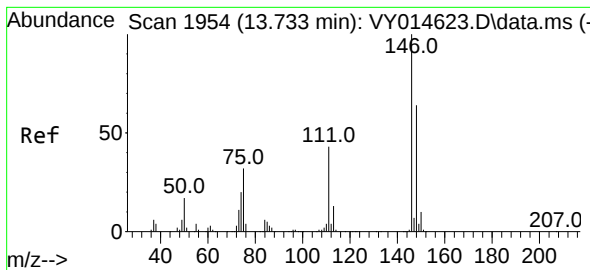
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#90
Hexachloroethane
Concen: 43.735 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.001 min
Lab File: VY014711.D
Acq: 20 Jul 2023 10:50

Tgt Ion:117 Resp: 114342
Ion Ratio Lower Upper
117 100
201 72.8 41.6 124.8





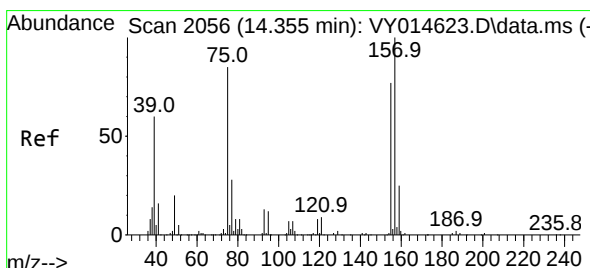
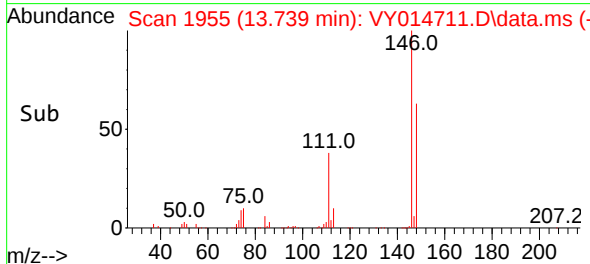
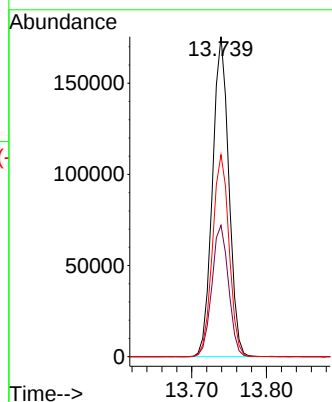
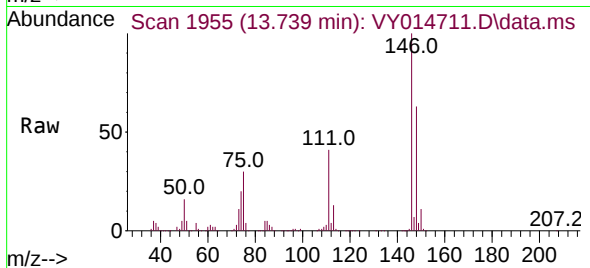
#91
1,2-Dichlorobenzene
Concen: 45.637 ug/l
RT: 13.739 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VY014711.D
Acq: 20 Jul 2023 10:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 26647
Ion Ratio Lower Upper
146 100
111 41.8 19.7 59.0
148 64.0 32.0 96.2

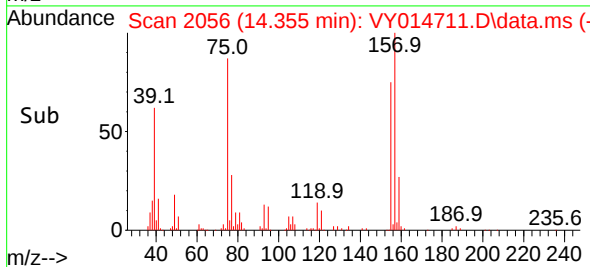
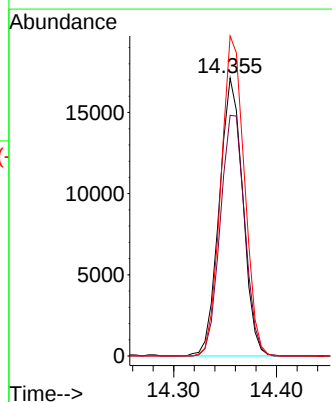
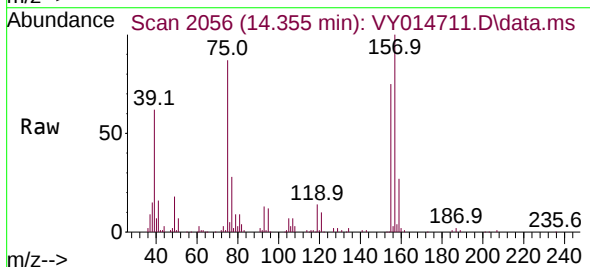
Manual Integrations
APPROVED

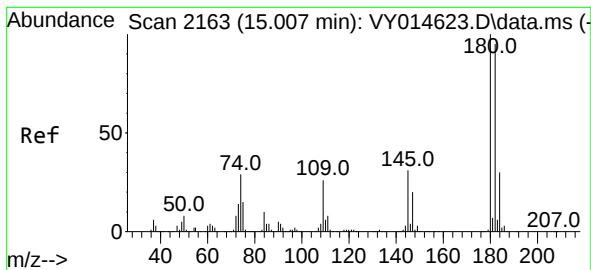
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 43.457 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY014711.D
Acq: 20 Jul 2023 10:50

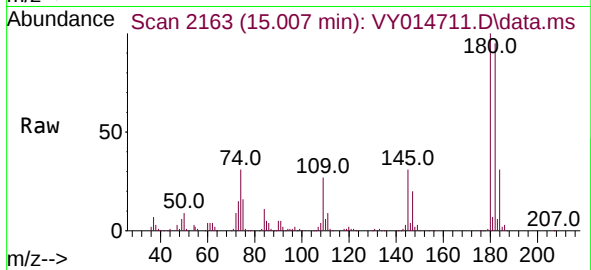
Tgt Ion: 75 Resp: 27187
Ion Ratio Lower Upper
75 100
155 90.0 41.5 124.6
157 114.6 51.8 155.5





#93
1,2,4-Trichlorobenzene
Concen: 45.755 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY014711.D
Acq: 20 Jul 2023 10:50

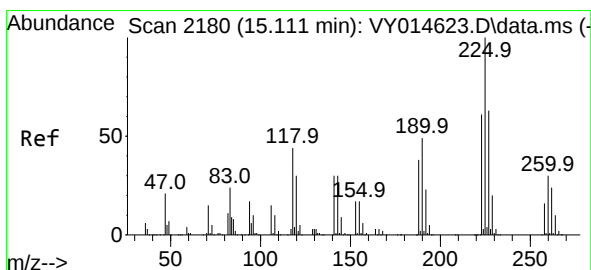
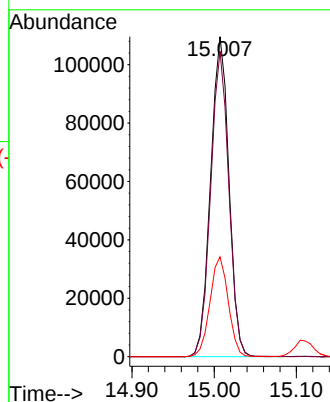
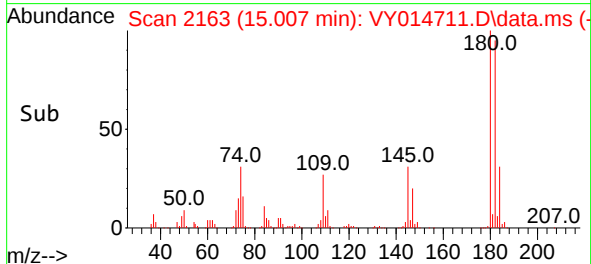
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



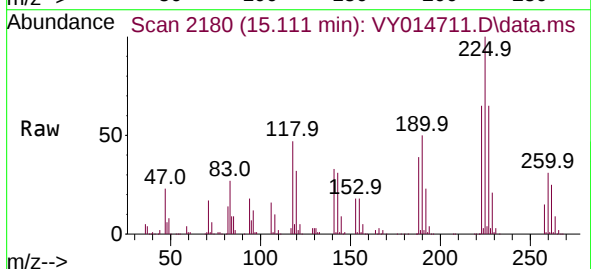
Tgt Ion:180 Resp: 16959
Ion Ratio Lower Upper
180 100
182 94.3 47.0 141.2
145 31.2 14.5 43.5

Manual Integrations
APPROVED

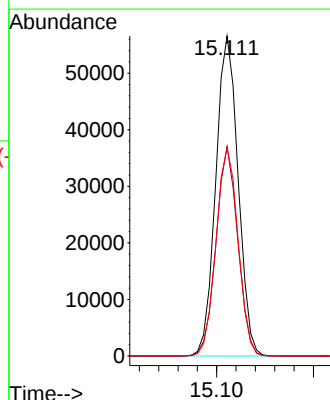
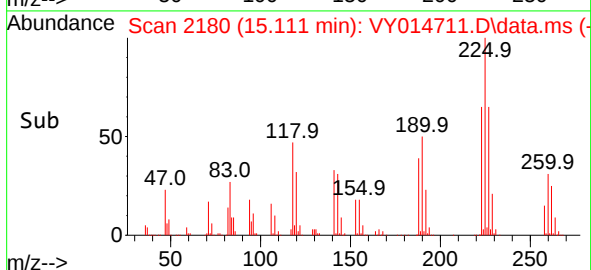
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

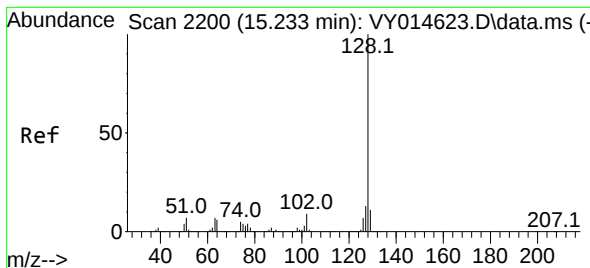


#94
Hexachlorobutadiene
Concen: 44.460 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY014711.D
Acq: 20 Jul 2023 10:50



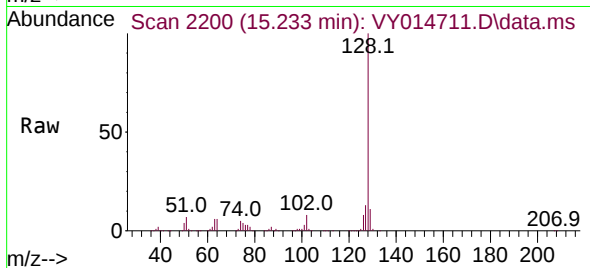
Tgt Ion:225 Resp: 90559
Ion Ratio Lower Upper
225 100
223 63.3 31.9 95.9
227 64.3 33.0 98.9





#95
Naphthalene
Concen: 46.141 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY014711.D
Acq: 20 Jul 2023 10:50

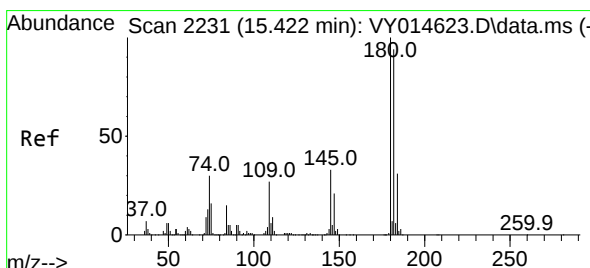
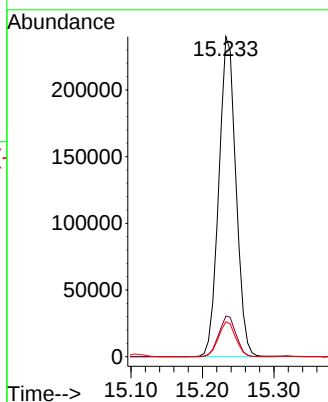
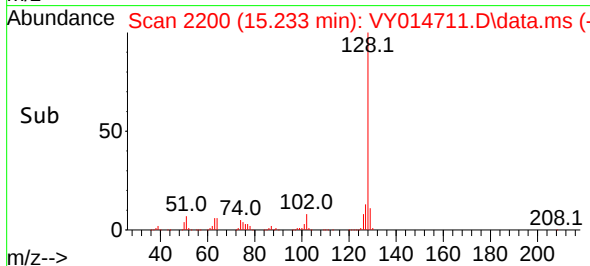
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 398449
Ion Ratio Lower Upper
128 100
127 12.9 10.8 16.2
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#96
1,2,3-Trichlorobenzene
Concen: 45.948 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY014711.D
Acq: 20 Jul 2023 10:50

Tgt Ion:180 Resp: 151358
Ion Ratio Lower Upper
180 100
182 95.8 47.3 141.8
145 33.1 15.4 46.2

