

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071323\
 Data File : VY014627.D
 Acq On : 13 Jul 2023 13:31
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/14/2023
 Supervised By : Mahesh Dadoda 07/14/2023

Quant Time: Jul 14 02:01:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 01:52:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	336411	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	565079	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	497350	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	248140	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	82406	21.496	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	43.000%		
35) Dibromofluoromethane	7.703	113	75792	21.070	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	42.140%		
50) Toluene-d8	10.173	98	278928	21.032	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	42.060%		
62) 4-Bromofluorobenzene	12.477	95	105822	20.810	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	41.620%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	49441	18.039	ug/l	96
3) Chloromethane	2.107	50	60904	19.768	ug/l	99
4) Vinyl Chloride	2.241	62	66927	19.437	ug/l	94
5) Bromomethane	2.631	94	46818	20.575	ug/l	97
6) Chloroethane	2.777	64	43198	20.085	ug/l	93
7) Trichlorofluoromethane	3.113	101	112596	19.470	ug/l	98
8) Diethyl Ether	3.521	74	45343	21.074	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.887	101	68811	19.413	ug/l	96
10) Methyl Iodide	4.076	142	70675	20.287	ug/l	97
11) Tert butyl alcohol	4.942	59	108728	126.848	ug/l #	92
12) 1,1-Dichloroethene	3.857	96	65904	19.894	ug/l	92
13) Acrolein	3.716	56	42525	106.132	ug/l	100
14) Allyl chloride	4.466	41	118961	20.224	ug/l	94
15) Acrylonitrile	5.149	53	132508	111.680	ug/l	97
16) Acetone	3.936	43	146145	120.304	ug/l	94
17) Carbon Disulfide	4.180	76	182889	19.283	ug/l	100
18) Methyl Acetate	4.466	43	102231	21.929	ug/l	94
19) Methyl tert-butyl Ether	5.204	73	229063	21.286	ug/l	99
20) Methylene Chloride	4.698	84	95399	21.791	ug/l	94
21) trans-1,2-Dichloroethene	5.204	96	75310	20.032	ug/l	100
22) Diisopropyl ether	6.112	45	248945	20.817	ug/l	91
23) Vinyl Acetate	6.045	43	764128	106.775	ug/l	96
24) 1,1-Dichloroethane	6.003	63	141257	20.644	ug/l	98
25) 2-Butanone	6.972	43	206994	116.469	ug/l	99
26) 2,2-Dichloropropane	6.972	77	135191	20.730	ug/l	99
27) cis-1,2-Dichloroethene	6.972	96	89452	20.441	ug/l	99
28) Bromochloromethane	7.325	49	57018	19.348	ug/l	95
29) Tetrahydrofuran	7.338	42	122362	111.813	ug/l	94
30) Chloroform	7.496	83	147319	20.878	ug/l	98
31) Cyclohexane	7.777	56	121492	19.091	ug/l	90
32) 1,1,1-Trichloroethane	7.691	97	127725	20.112	ug/l	99
36) 1,1-Dichloropropene	7.911	75	106099	19.723	ug/l	99
37) Ethyl Acetate	7.063	43	81307	21.953	ug/l #	94
38) Carbon Tetrachloride	7.892	117	111763	19.654	ug/l	99
39) Methylcyclohexane	9.179	83	134877	19.245	ug/l	96
40) Benzene	8.149	78	312574	20.431	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071323\
 Data File : VY014627.D
 Acq On : 13 Jul 2023 13:31
 Operator : SY/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/14/2023
 Supervised By : Mahesh Dadoda 07/14/2023

Quant Time: Jul 14 02:01:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 01:52:00 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	44594m	22.768	ug/l	
42) 1,2-Dichloroethane	8.228	62	100533	20.750	ug/l	93
43) Isopropyl Acetate	8.264	43	151878	21.527	ug/l	97
44) Trichloroethene	8.935	130	87579	20.459	ug/l	97
45) 1,2-Dichloropropane	9.209	63	82540	20.661	ug/l	95
46) Dibromomethane	9.301	93	50553	20.859	ug/l	96
47) Bromodichloromethane	9.490	83	117797	20.622	ug/l	99
48) Methyl methacrylate	9.289	41	67029	21.114	ug/l	92
49) 1,4-Dioxane	9.289	88	18478	467.577	ug/l #	46
51) 4-Methyl-2-Pentanone	10.063	43	411765	111.158	ug/l	94
52) Toluene	10.240	92	201402	20.572	ug/l	93
53) t-1,3-Dichloropropene	10.459	75	129624	20.746	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	140222	20.637	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	70252	20.809	ug/l	97
56) Ethyl methacrylate	10.502	69	110555	21.448	ug/l	91
57) 1,3-Dichloropropane	10.782	76	122212	20.988	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	237189	98.758	ug/l	95
59) 2-Hexanone	10.825	43	307492	113.827	ug/l	92
60) Dibromochloromethane	10.977	129	86307	20.851	ug/l	98
61) 1,2-Dibromoethane	11.081	107	71136	21.122	ug/l	100
64) Tetrachloroethene	10.715	164	83277	20.819	ug/l	98
65) Chlorobenzene	11.514	112	217967	20.566	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	83727	20.952	ug/l	99
67) Ethyl Benzene	11.587	91	390374	20.401	ug/l	100
68) m/p-Xylenes	11.697	106	302042	41.350	ug/l	96
69) o-Xylene	12.026	106	145293	20.422	ug/l	100
70) Styrene	12.038	104	249927	20.843	ug/l	98
71) Bromoform	12.203	173	58516	21.603	ug/l #	98
73) Isopropylbenzene	12.325	105	384943	19.812	ug/l	100
74) N-amyl acetate	12.142	43	135582	20.835	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	92533	20.884	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	63372m	19.956	ug/l	
77) Bromobenzene	12.605	156	90496	20.404	ug/l	93
78) n-propylbenzene	12.666	91	463351	19.791	ug/l	99
79) 2-Chlorotoluene	12.751	91	268440	19.906	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	324719	20.012	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	33446	20.663	ug/l	94
82) 4-Chlorotoluene	12.849	91	279148	20.099	ug/l	98
83) tert-Butylbenzene	13.074	119	286669	19.916	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	320020	20.096	ug/l	99
85) sec-Butylbenzene	13.251	105	423193	20.042	ug/l	100
86) p-Isopropyltoluene	13.367	119	349989	20.301	ug/l	100
87) 1,3-Dichlorobenzene	13.361	146	177848	20.604	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	176391	20.392	ug/l	97
89) n-Butylbenzene	13.690	91	334330	19.933	ug/l	96
90) Hexachloroethane	13.958	117	71176	20.100	ug/l	87
91) 1,2-Dichlorobenzene	13.739	146	162475	20.545	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	18028	21.276	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	103641	20.645	ug/l	98
94) Hexachlorobutadiene	15.111	225	55533	20.130	ug/l	98
95) Naphthalene	15.233	128	248614	21.256	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	93460	20.947	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071323\
Data File : VY014627.D
Acq On : 13 Jul 2023 13:31
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

Quant Time: Jul 14 02:01:09 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 14 01:52:00 2023
Response via : Initial Calibration

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

(#) = qualifier out of range (m) = manual integration (+) = signals summed

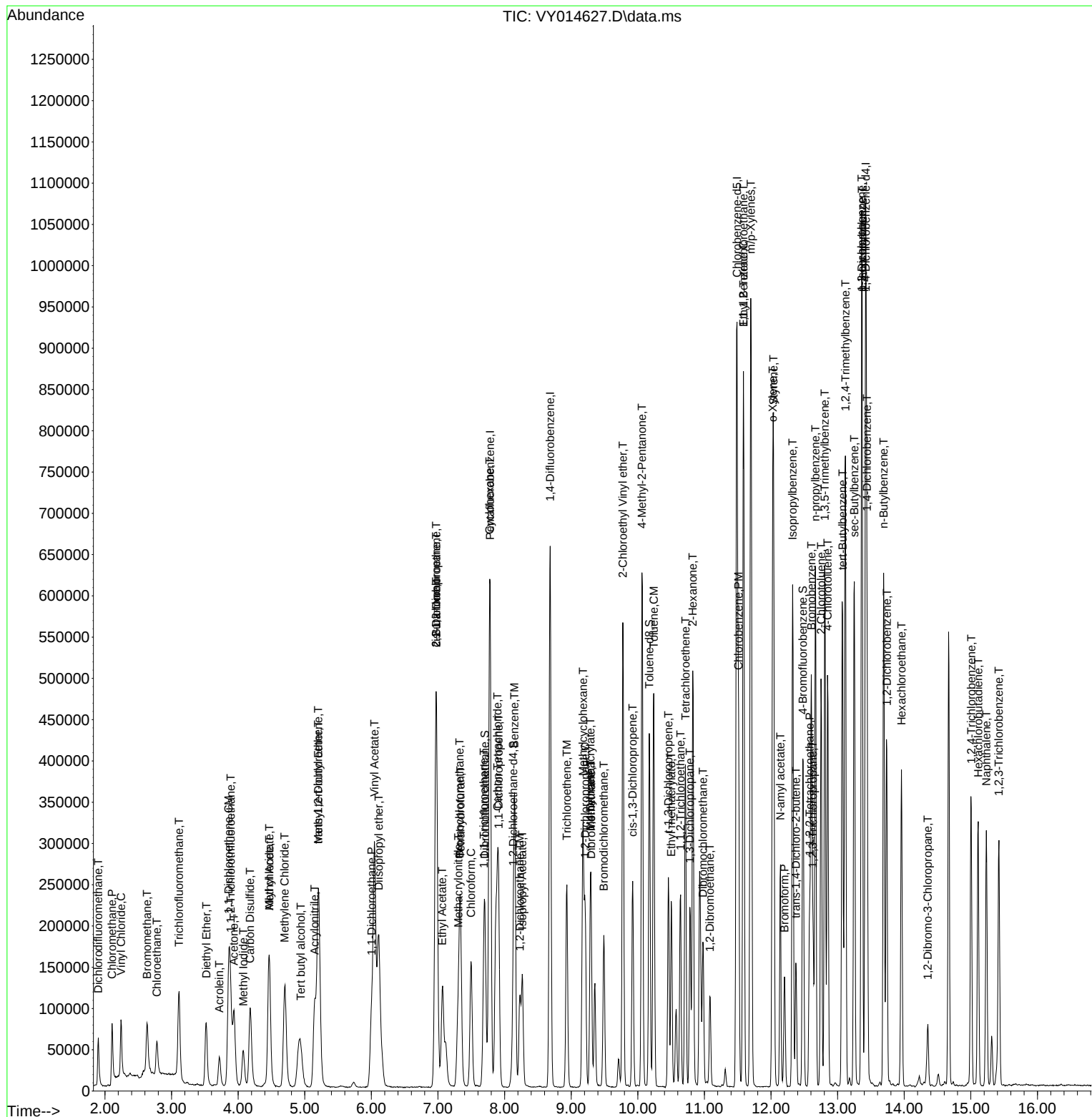
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071323\
 Data File : VY014627.D
 Acq On : 13 Jul 2023 13:31
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Quant Time: Jul 14 02:01:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 01:52:00 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

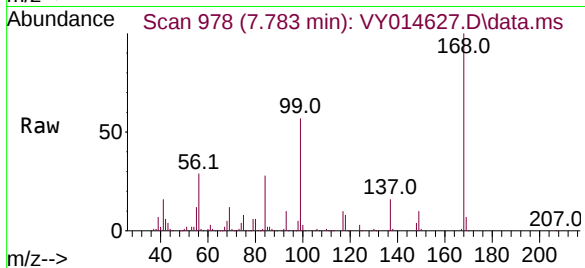
Reviewed By : John Carlone 07/14/2023
 Supervised By : Mahesh Dadoda 07/14/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014627.D
Acq: 13 Jul 2023 13:31

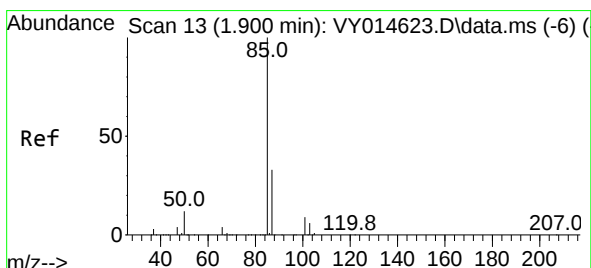
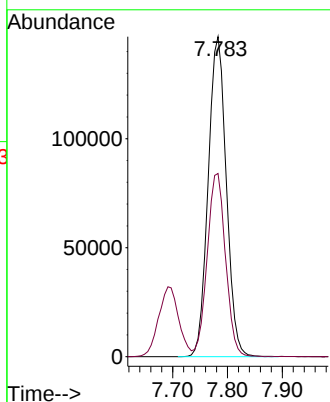
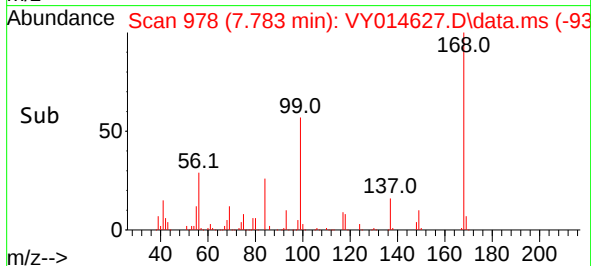
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion:168 Resp: 33641
Ion Ratio Lower Upper
168 100
99 57.2 43.4 65.0

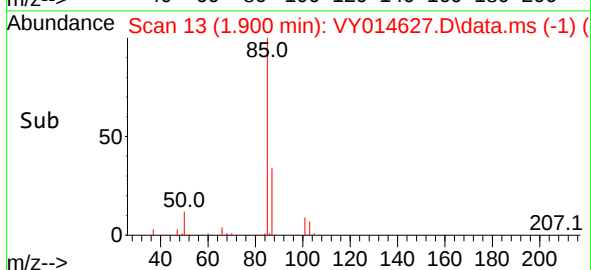
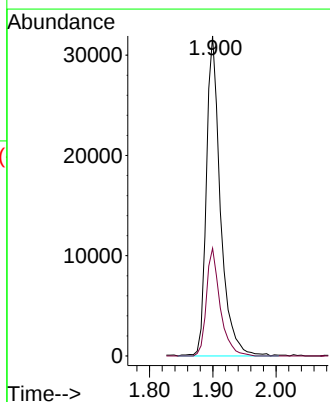
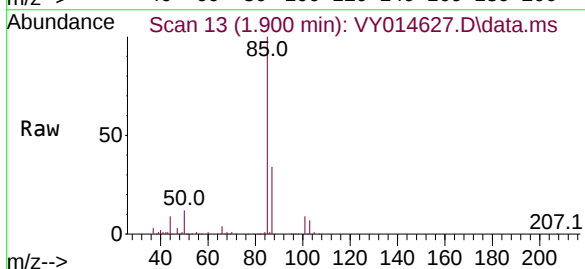
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#2
Dichlorodifluoromethane
Concen: 18.039 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY014627.D
Acq: 13 Jul 2023 13:31

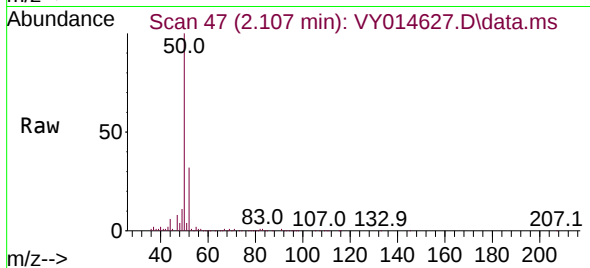
Tgt Ion: 85 Resp: 49441
Ion Ratio Lower Upper
85 100
87 33.6 15.6 46.8





#3
Chloromethane
Concen: 19.768 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY014627.D
Acq: 13 Jul 2023 13:31

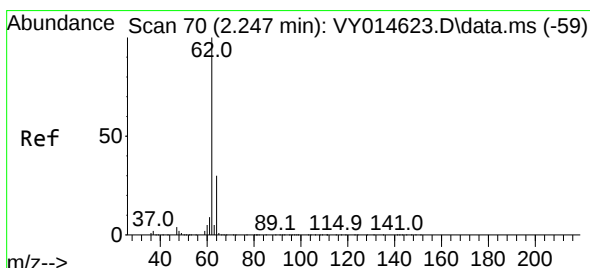
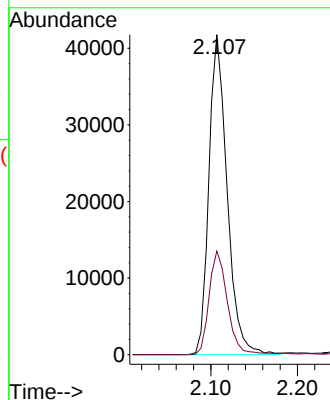
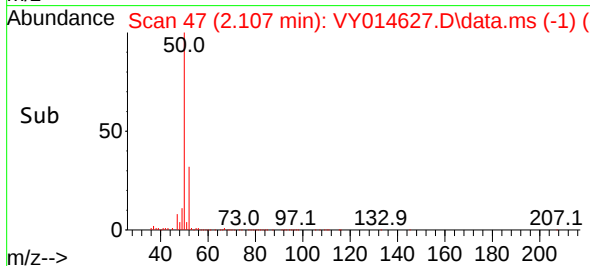
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



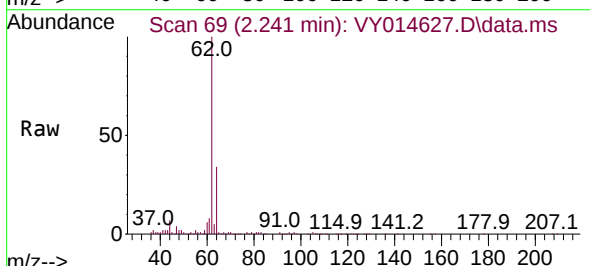
Tgt Ion: 50 Resp: 60904
Ion Ratio Lower Upper
50 100
52 32.4 25.4 38.2

Manual Integrations
APPROVED

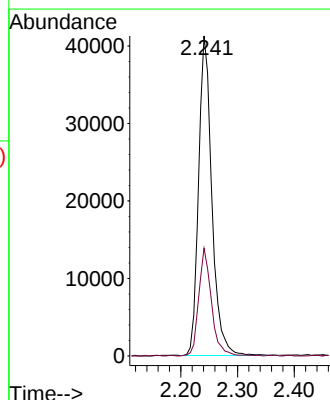
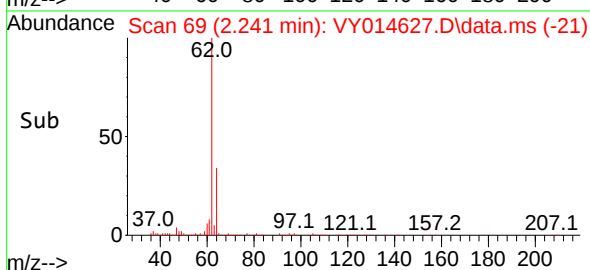
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

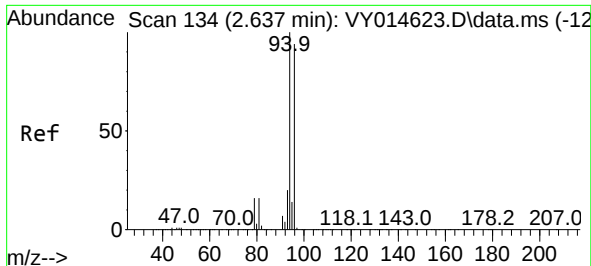


#4
Vinyl Chloride
Concen: 19.437 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.006 min
Lab File: VY014627.D
Acq: 13 Jul 2023 13:31



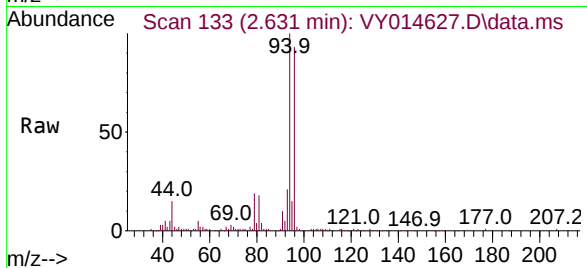
Tgt Ion: 62 Resp: 66927
Ion Ratio Lower Upper
62 100
64 33.7 24.3 36.5





#5
Bromomethane
Concen: 20.575 ug/l
RT: 2.631 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014627.D
Acq: 13 Jul 2023 13:31

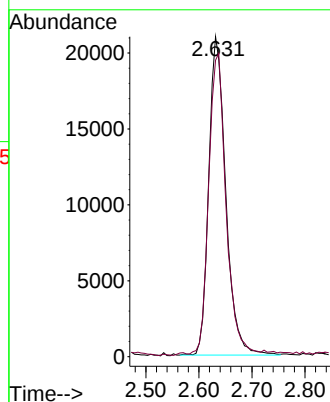
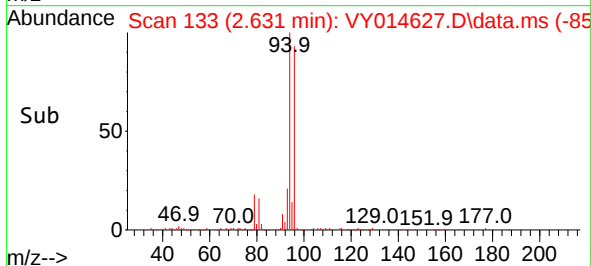
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



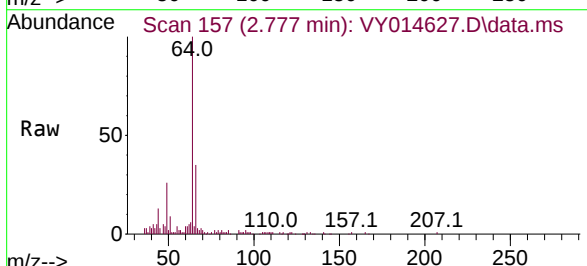
Tgt Ion: 94 Resp: 46818
Ion Ratio Lower Upper
94 100
96 92.0 75.8 113.6

Manual Integrations
APPROVED

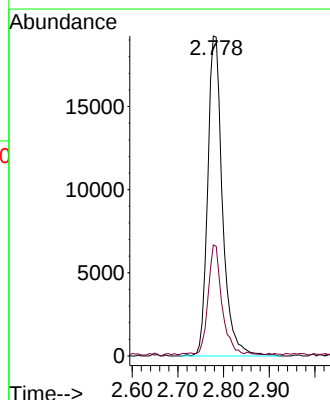
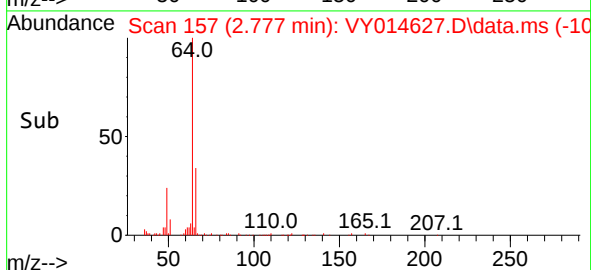
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

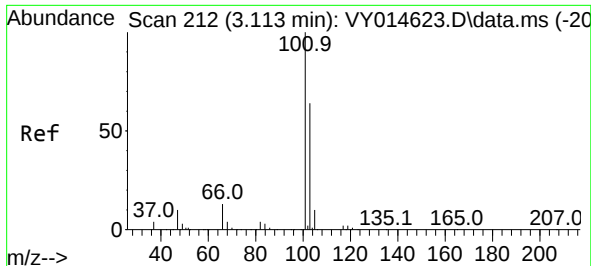


#6
Chloroethane
Concen: 20.085 ug/l
RT: 2.777 min Scan# 157
Delta R.T. -0.006 min
Lab File: VY014627.D
Acq: 13 Jul 2023 13:31



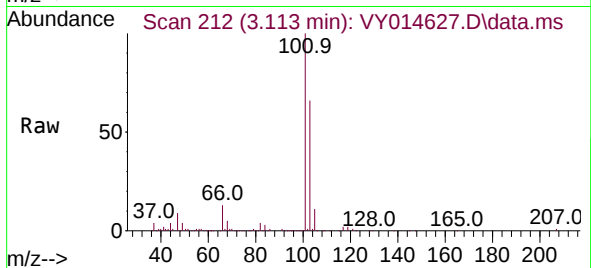
Tgt Ion: 64 Resp: 43198
Ion Ratio Lower Upper
64 100
66 34.2 24.4 36.6





#7
Trichlorofluoromethane
Concen: 19.470 ug/l
RT: 3.113 min Scan# 212
Delta R.T. -0.000 min
Lab File: VY014627.D
Acq: 13 Jul 2023 13:31

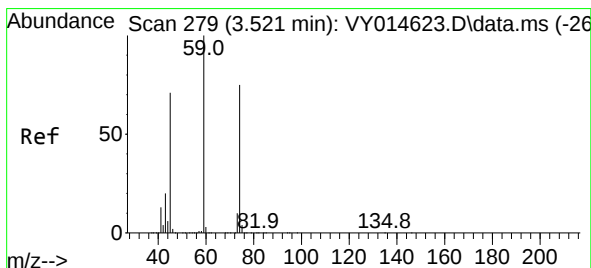
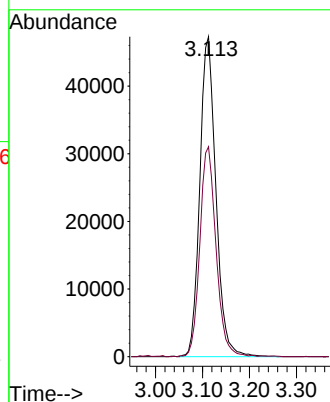
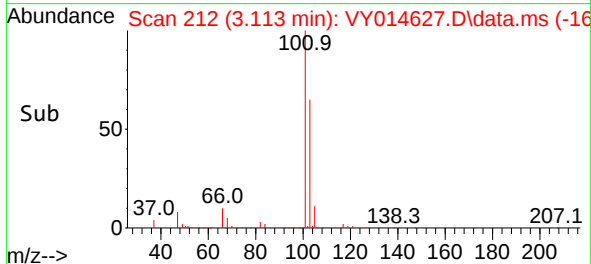
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion:101 Resp: 112590
Ion Ratio Lower Upper
101 100
103 65.5 51.4 77.0

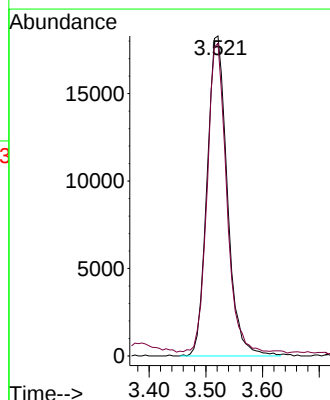
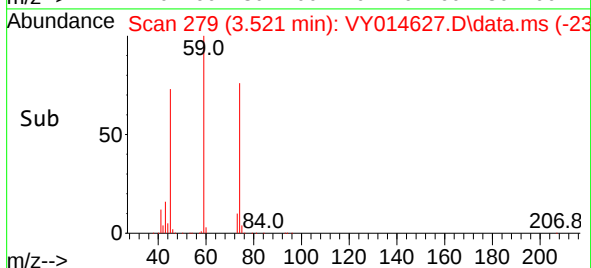
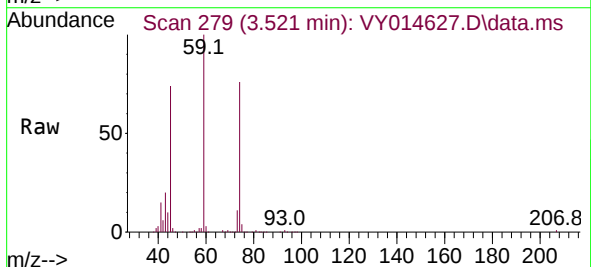
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#8
Diethyl Ether
Concen: 21.074 ug/l
RT: 3.521 min Scan# 279
Delta R.T. 0.000 min
Lab File: VY014627.D
Acq: 13 Jul 2023 13:31

Tgt Ion: 74 Resp: 45343
Ion Ratio Lower Upper
74 100
45 92.0 51.5 154.5





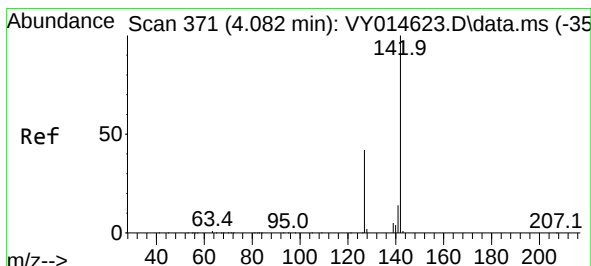
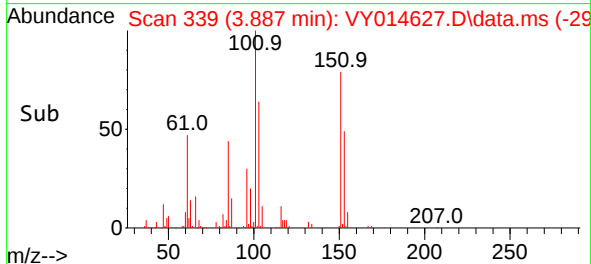
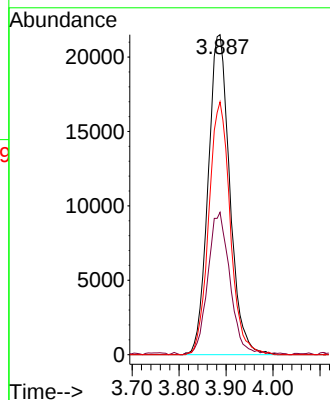
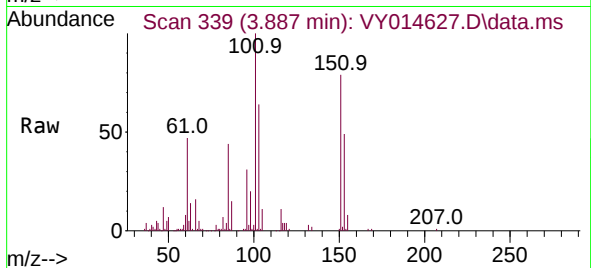
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.413 ug/l
RT: 3.887 min Scan# 311
Delta R.T. 0.000 min
Lab File: VY014627.D
Acq: 13 Jul 2023 13:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 6881
Ion Ratio Lower Upper
101 100
85 45.4 36.6 55.0
151 78.1 67.0 100.6

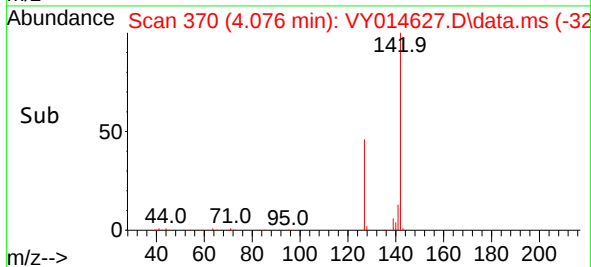
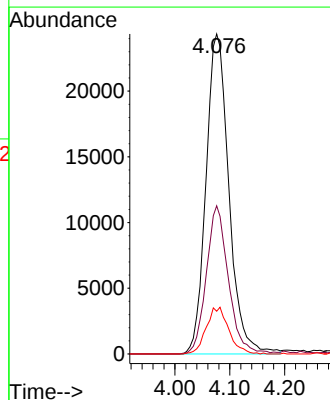
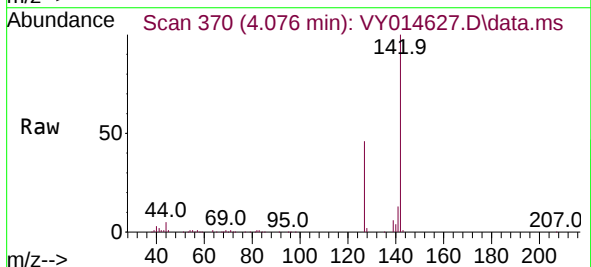
Manual Integrations
APPROVED

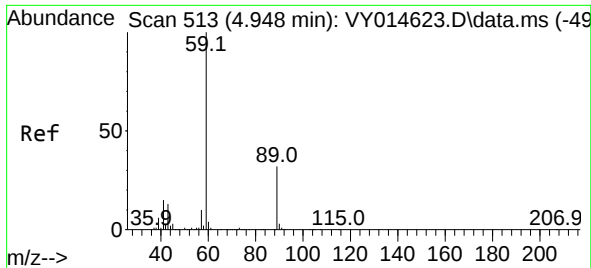
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#10
Methyl Iodide
Concen: 20.287 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.006 min
Lab File: VY014627.D
Acq: 13 Jul 2023 13:31

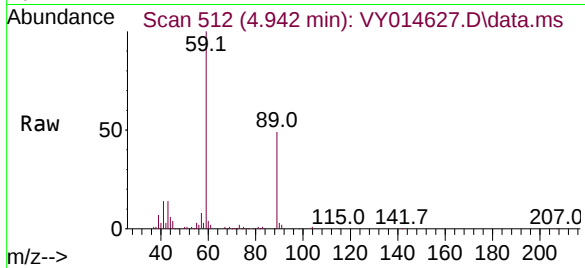
Tgt Ion:142 Resp: 70675
Ion Ratio Lower Upper
142 100
127 44.6 37.6 56.4
141 14.4 11.8 17.8





#11
Tert butyl alcohol
Concen: 126.848 ug/l
RT: 4.942 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY014627.D
Acq: 13 Jul 2023 13:31

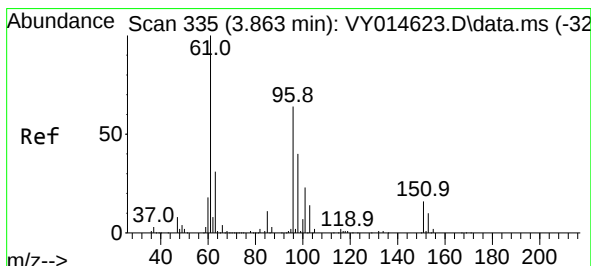
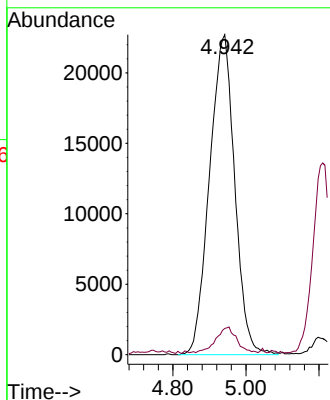
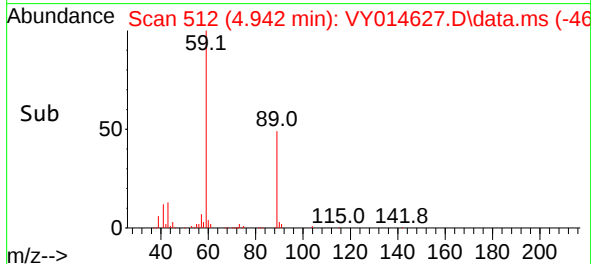
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



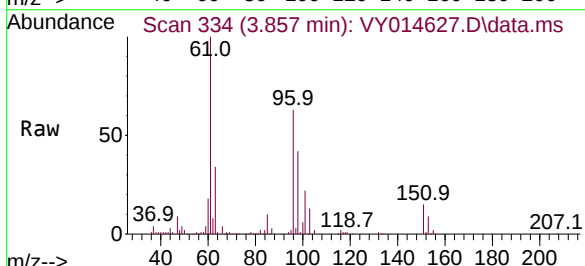
Tgt Ion: 59 Resp: 108728
Ion Ratio Lower Upper
59 100
57 6.4 3.0 4.4

Manual Integrations
APPROVED

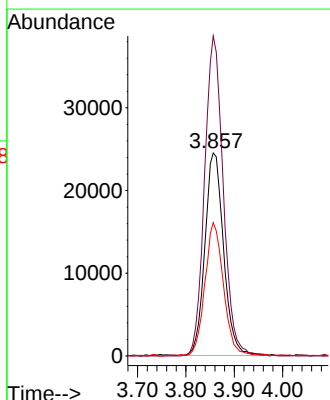
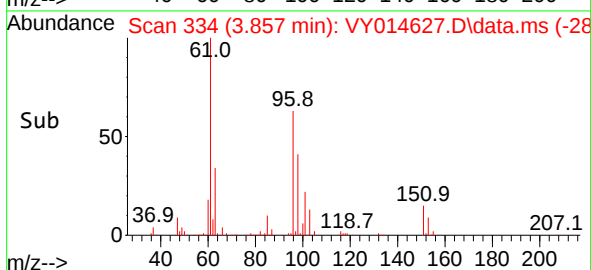
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

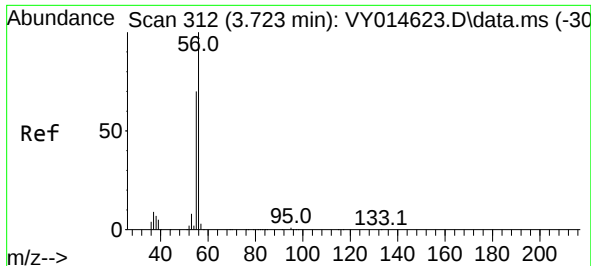


#12
1,1-Dichloroethene
Concen: 19.894 ug/l
RT: 3.857 min Scan# 334
Delta R.T. -0.006 min
Lab File: VY014627.D
Acq: 13 Jul 2023 13:31



Tgt Ion: 96 Resp: 65904
Ion Ratio Lower Upper
96 100
61 158.0 136.4 204.6
98 65.5 49.4 74.2





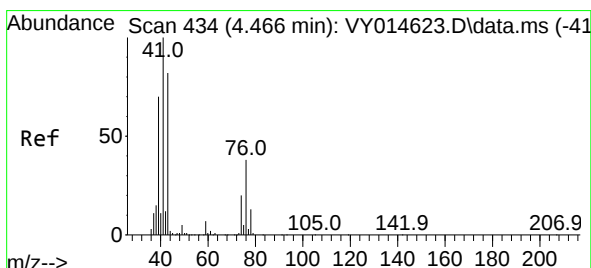
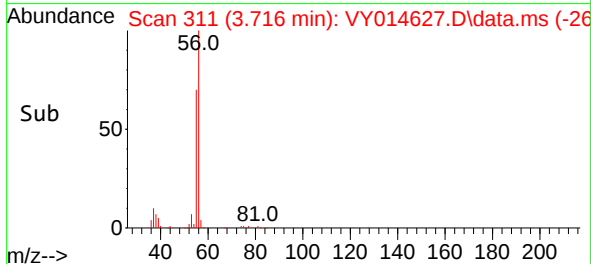
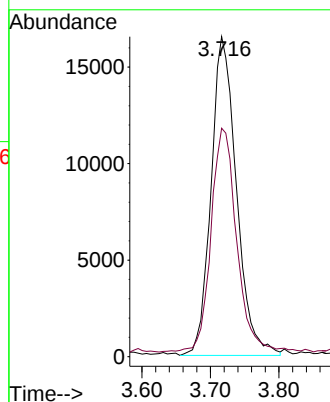
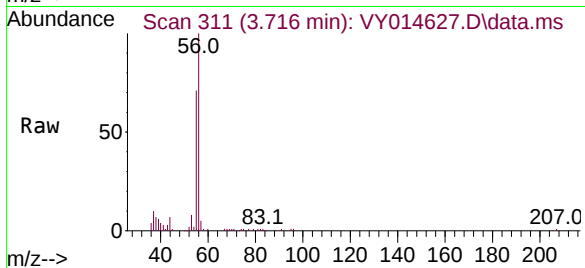
#13
Acrolein
Concen: 106.132 ug/l
RT: 3.716 min Scan# 311
Delta R.T. -0.007 min
Lab File: VY014627.D
Acq: 13 Jul 2023 13:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 56 Resp: 4252
Ion Ratio Lower Upper
56 100
55 71.0 57.0 85.4

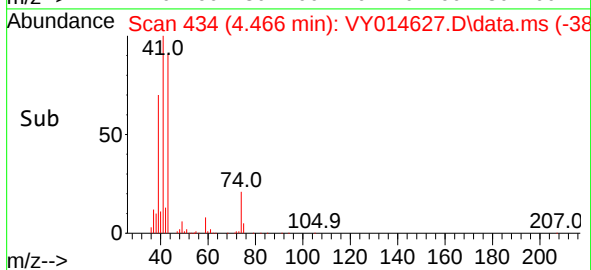
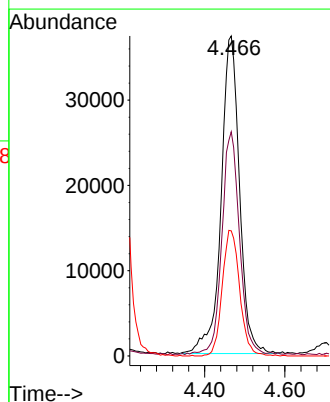
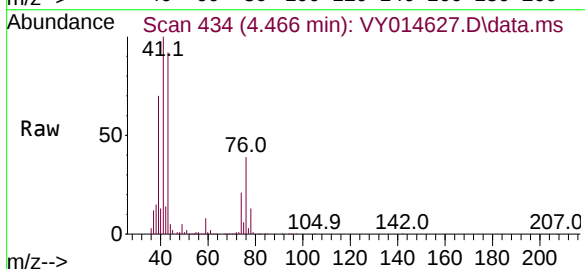
Manual Integrations
APPROVED

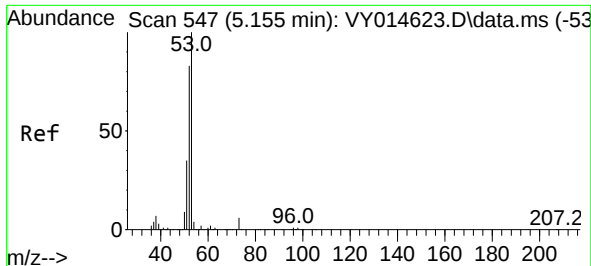
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#14
Allyl chloride
Concen: 20.224 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY014627.D
Acq: 13 Jul 2023 13:31

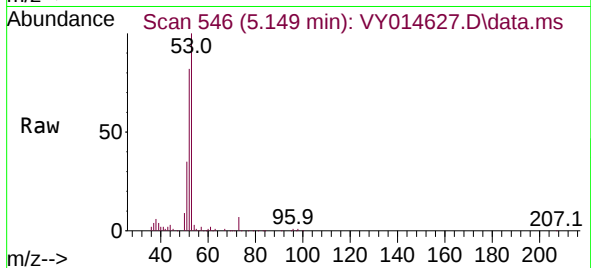
Tgt Ion: 41 Resp: 118961
Ion Ratio Lower Upper
41 100
39 67.0 58.0 87.0
76 37.5 27.4 41.2





#15
Acrylonitrile
Concen: 111.680 ug/l
RT: 5.149 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY014627.D
Acq: 13 Jul 2023 13:31

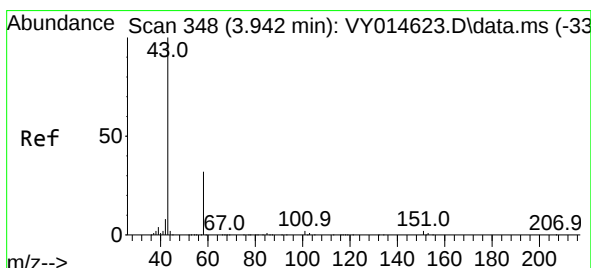
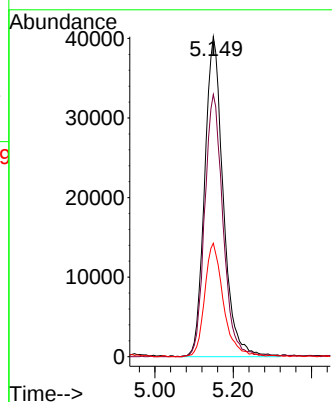
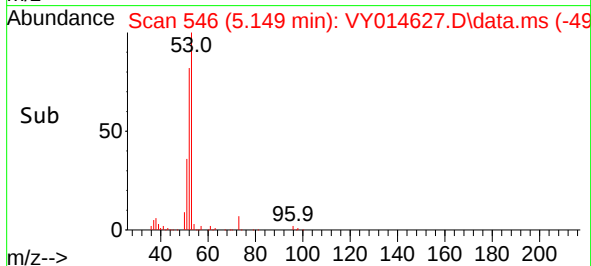
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 53 Resp: 132508
Ion Ratio Lower Upper
53 100
52 80.5 66.9 100.3
51 35.7 29.8 44.6

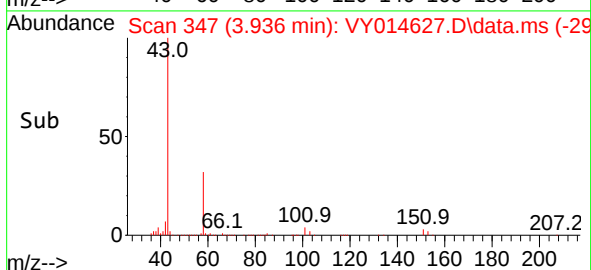
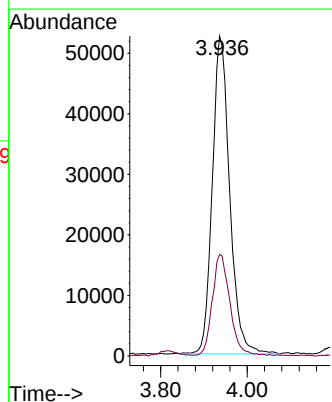
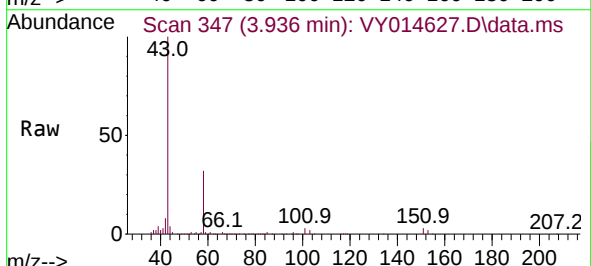
Manual Integrations
APPROVED

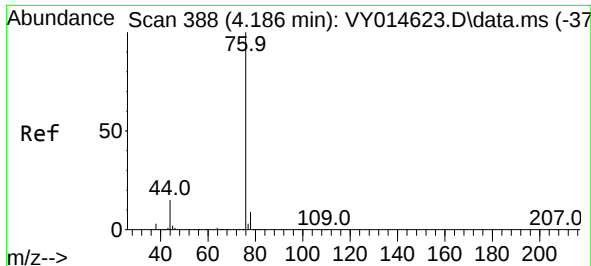
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#16
Acetone
Concen: 120.304 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY014627.D
Acq: 13 Jul 2023 13:31

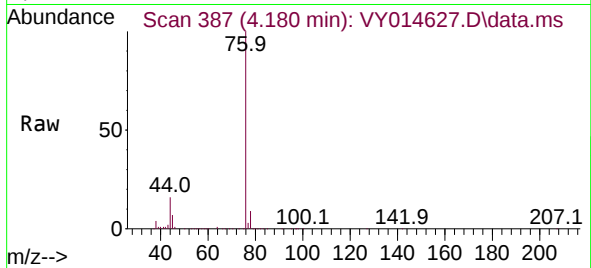
Tgt Ion: 43 Resp: 146145
Ion Ratio Lower Upper
43 100
58 31.8 22.7 34.1





#17
Carbon Disulfide
Concen: 19.283 ug/l
RT: 4.180 min Scan# 388
Delta R.T. -0.006 min
Lab File: VY014627.D
Acq: 13 Jul 2023 13:31

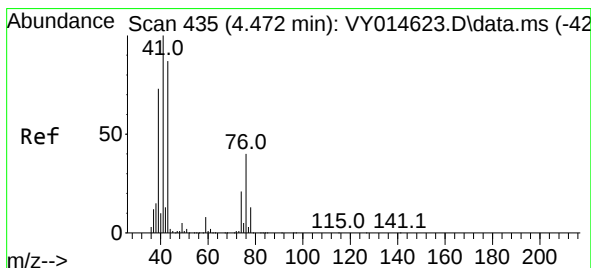
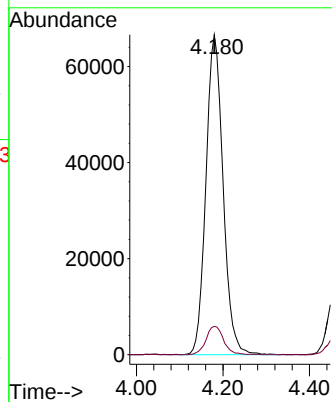
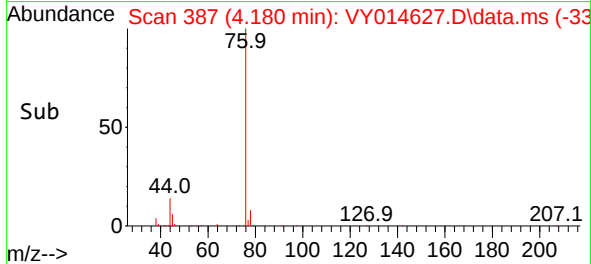
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 76 Resp: 182889
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.4

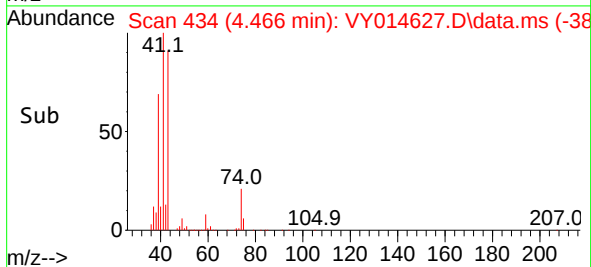
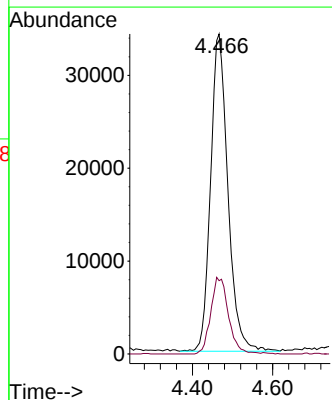
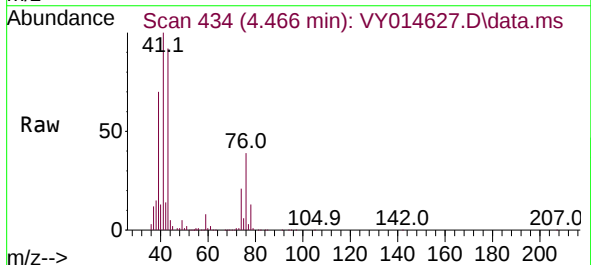
Manual Integrations
APPROVED

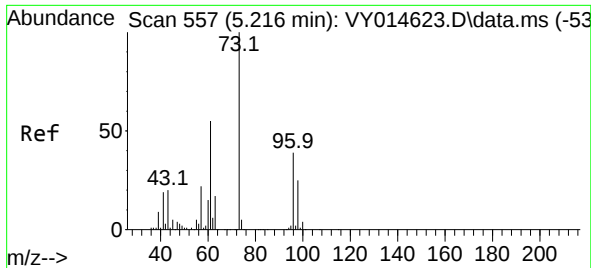
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#18
Methyl Acetate
Concen: 21.929 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY014627.D
Acq: 13 Jul 2023 13:31

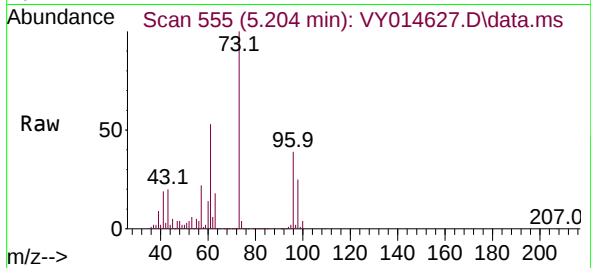
Tgt Ion: 43 Resp: 102231
Ion Ratio Lower Upper
43 100
74 24.7 17.4 26.0





#19
Methyl tert-butyl Ether
Concen: 21.286 ug/l
RT: 5.204 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY014627.D
Acq: 13 Jul 2023 13:31

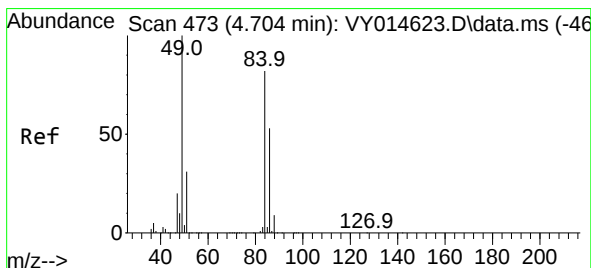
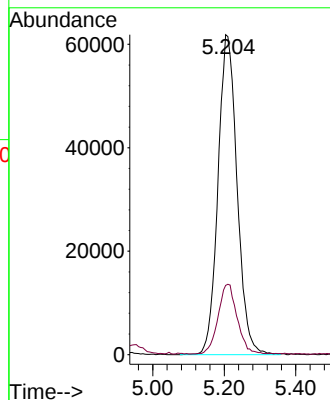
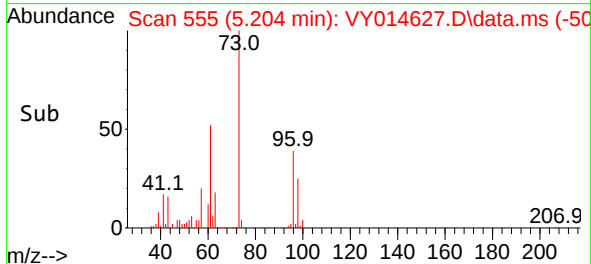
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 73 Resp: 22906
Ion Ratio Lower Upper
73 100
57 21.3 17.3 25.9

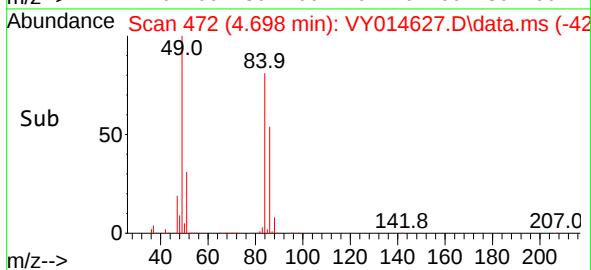
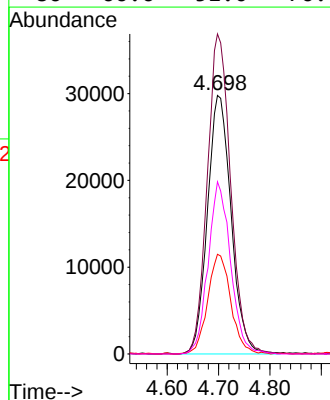
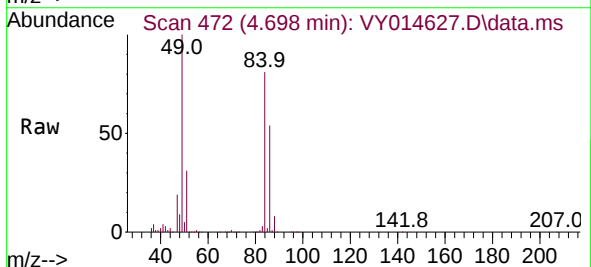
Manual Integrations
APPROVED

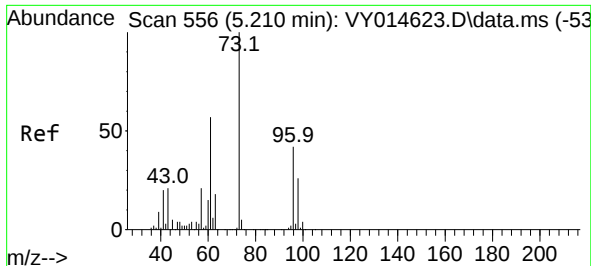
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#20
Methylene Chloride
Concen: 21.791 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.006 min
Lab File: VY014627.D
Acq: 13 Jul 2023 13:31

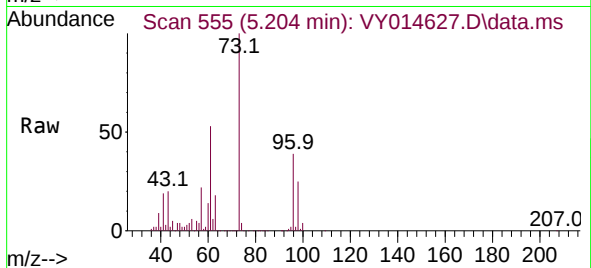
Tgt Ion: 84 Resp: 95399
Ion Ratio Lower Upper
84 100
49 123.7 106.9 160.3
51 38.3 33.2 49.8
86 66.6 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 20.032 ug/l
RT: 5.204 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY014627.D
Acq: 13 Jul 2023 13:31

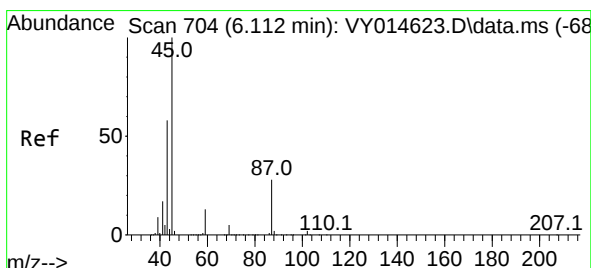
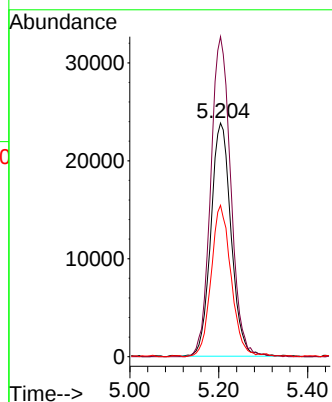
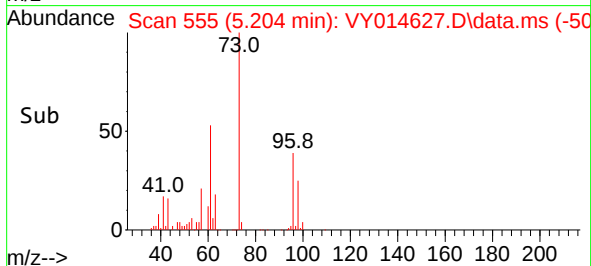
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



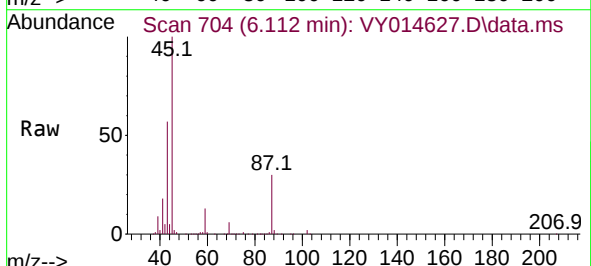
Tgt Ion: 96 Resp: 75310
Ion Ratio Lower Upper
96 100
61 137.3 110.2 165.4
98 64.6 51.8 77.6

Manual Integrations
APPROVED

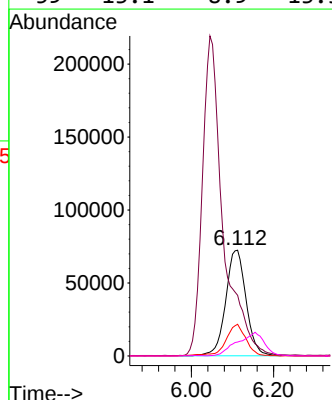
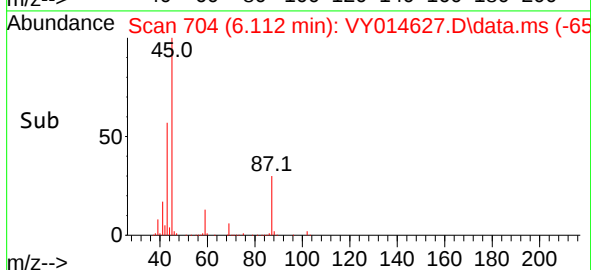
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#22
Diisopropyl ether
Concen: 20.817 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY014627.D
Acq: 13 Jul 2023 13:31



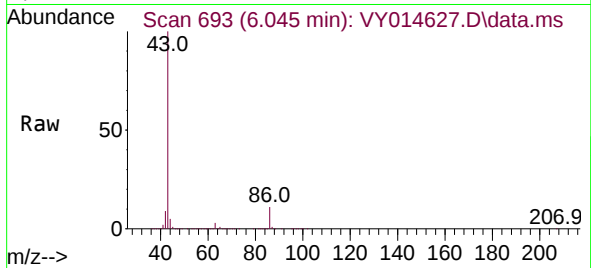
Tgt Ion: 45 Resp: 248945
Ion Ratio Lower Upper
45 100
43 56.8 52.2 78.4
87 30.0 21.0 31.6
59 13.1 8.9 13.3





#23
 Vinyl Acetate
 Concen: 106.775 ug/l
 RT: 6.045 min Scan# 694
 Delta R.T. -0.006 min
 Lab File: VY014627.D
 Acq: 13 Jul 2023 13:31

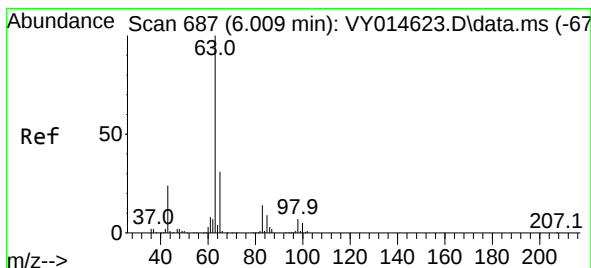
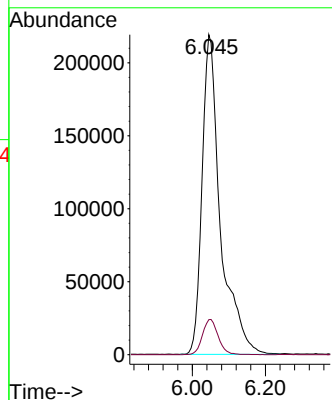
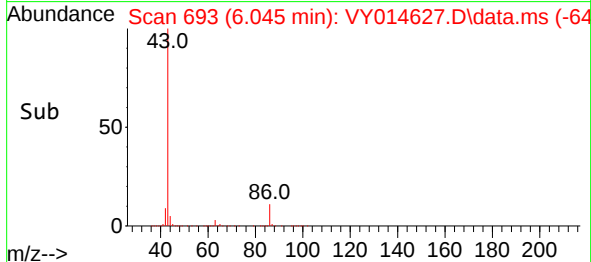
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020



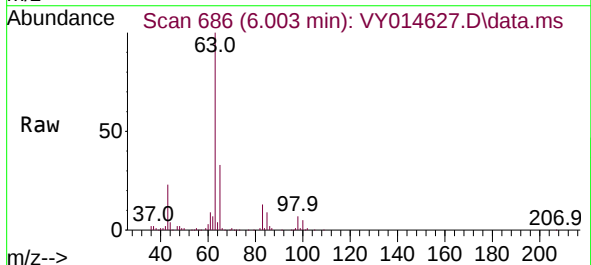
Tgt Ion: 43 Resp: 764128
 Ion Ratio Lower Upper
 43 100
 86 11.0 7.5 11.3

Manual Integrations
 APPROVED

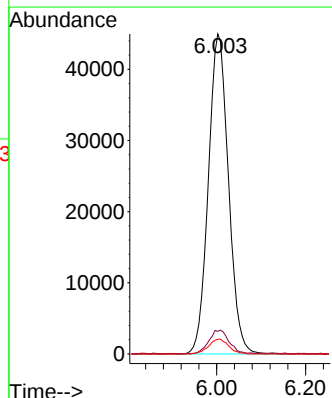
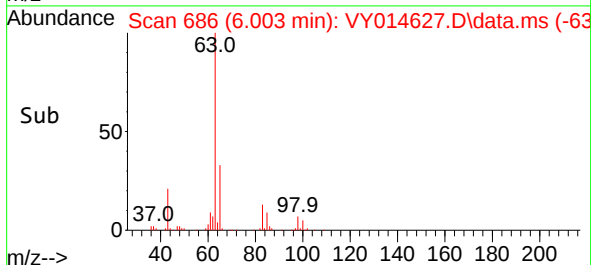
Reviewed By :John Carlone 07/14/2023
 Supervised By :Mahesh Dadoda 07/14/2023



#24
 1,1-Dichloroethane
 Concen: 20.644 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. -0.006 min
 Lab File: VY014627.D
 Acq: 13 Jul 2023 13:31



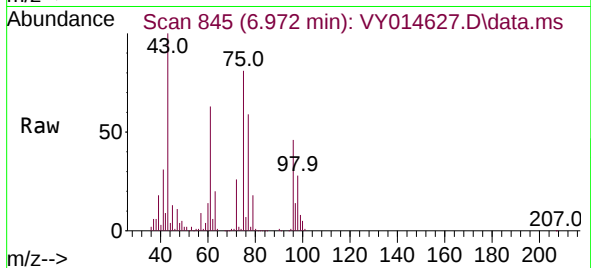
Tgt Ion: 63 Resp: 141257
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.1 9.4
 100 4.6 1.8 5.5





#25
2-Butanone
Concen: 116.469 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY014627.D
Acq: 13 Jul 2023 13:31

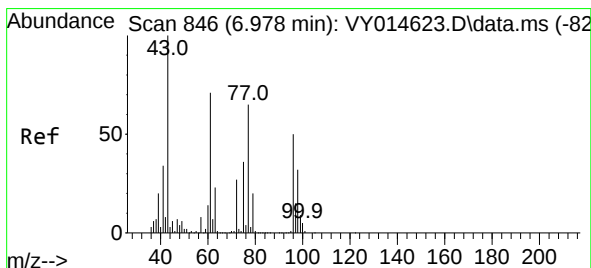
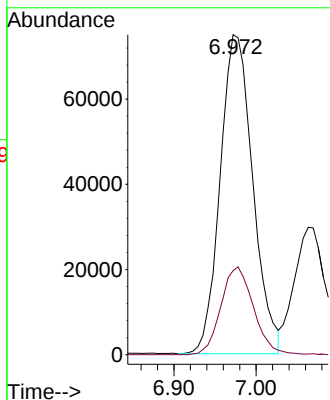
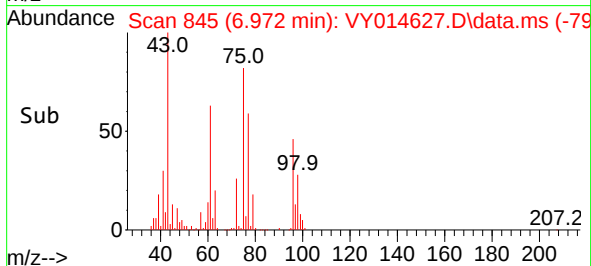
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



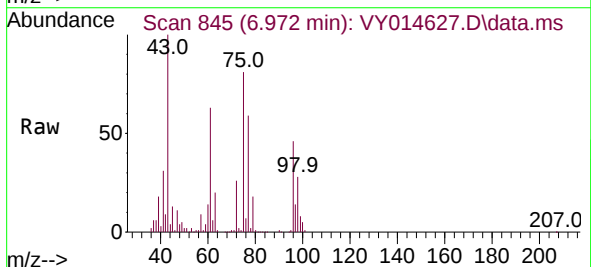
Tgt Ion: 43 Resp: 206994
Ion Ratio Lower Upper
43 100
72 26.3 20.5 30.7

Manual Integrations
APPROVED

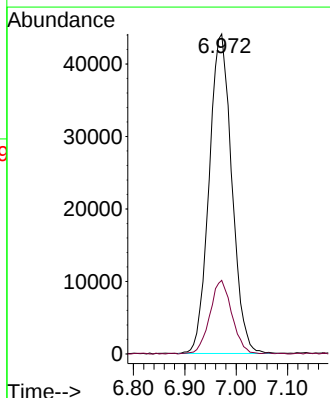
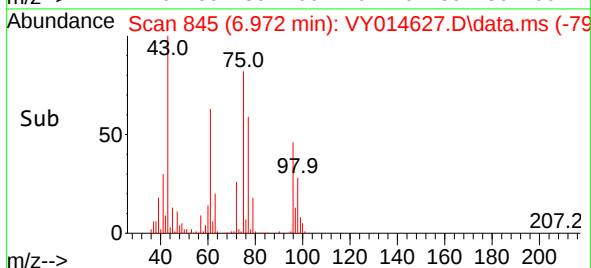
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

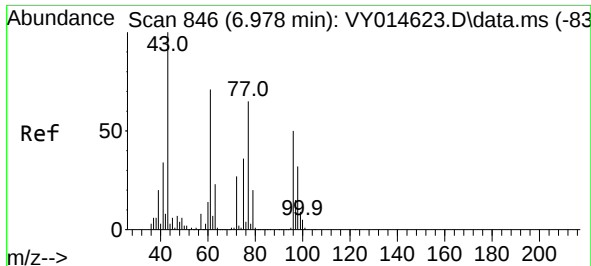


#26
2,2-Dichloropropane
Concen: 20.730 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY014627.D
Acq: 13 Jul 2023 13:31



Tgt Ion: 77 Resp: 135191
Ion Ratio Lower Upper
77 100
97 22.4 10.9 32.9





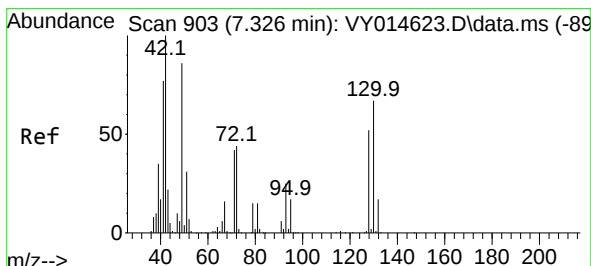
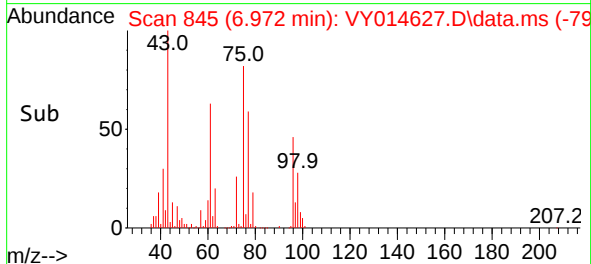
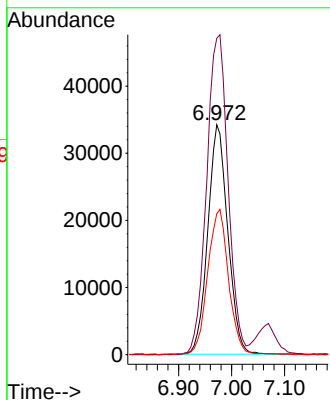
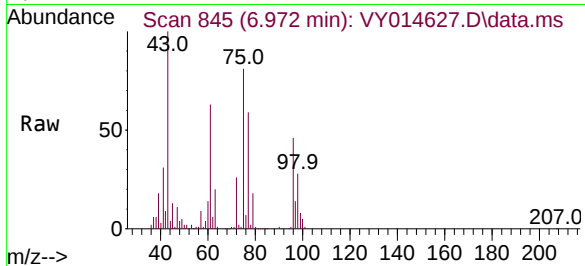
#27
 cis-1,2-Dichloroethene
 Concen: 20.441 ug/l
 RT: 6.972 min Scan# 846
 Delta R.T. -0.006 min
 Lab File: VY014627.D
 Acq: 13 Jul 2023 13:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tgt Ion: 96 Resp: 89452
 Ion Ratio Lower Upper
 96 100
 61 149.7 0.0 301.4
 98 66.5 0.0 130.4

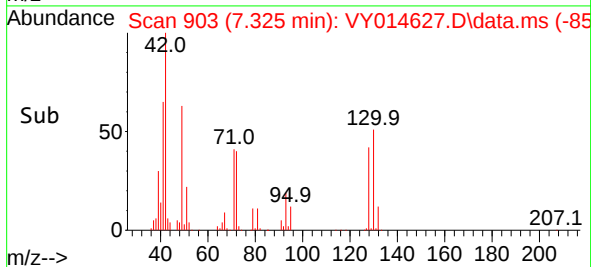
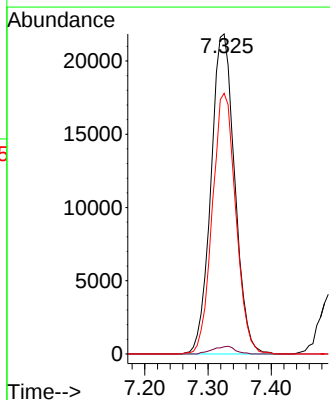
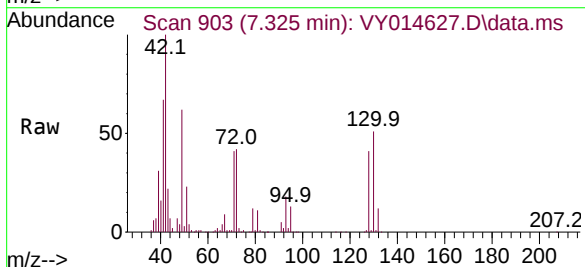
Manual Integrations
 APPROVED

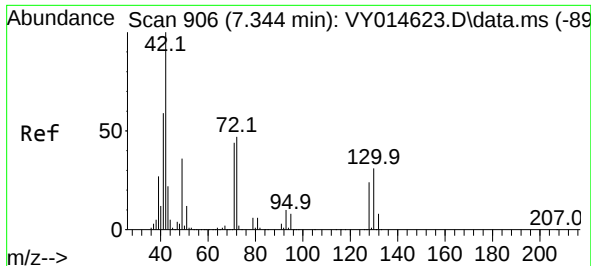
Reviewed By :John Carlone 07/14/2023
 Supervised By :Mahesh Dadoda 07/14/2023



#28
 Bromochloromethane
 Concen: 19.348 ug/l
 RT: 7.325 min Scan# 903
 Delta R.T. -0.001 min
 Lab File: VY014627.D
 Acq: 13 Jul 2023 13:31

Tgt Ion: 49 Resp: 57018
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.6
 130 80.1 60.7 91.1





#29

Tetrahydrofuran

Concen: 111.813 ug/l

RT: 7.338 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY014627.D

Acq: 13 Jul 2023 13:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

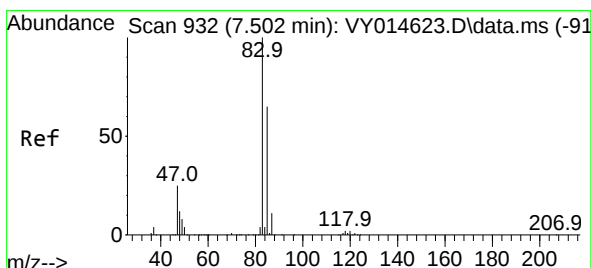
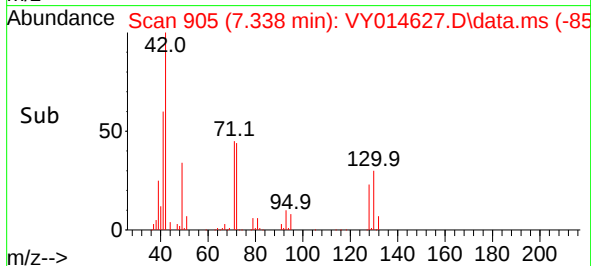
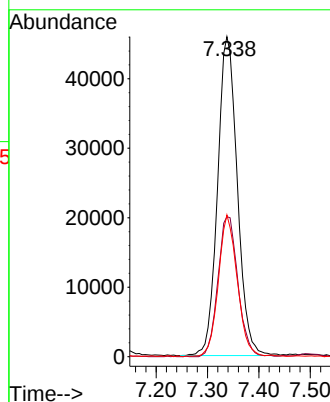
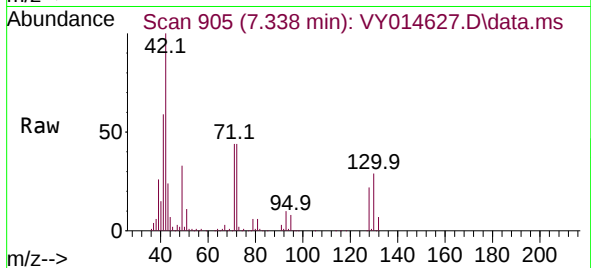
Tgt Ion:	42	Resp:	12236
Ion	Ratio	Lower	Upper
42	100		
72	44.6	32.8	49.2
71	42.6	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Mahesh Dadoda 07/14/2023



#30

Chloroform

Concen: 20.878 ug/l

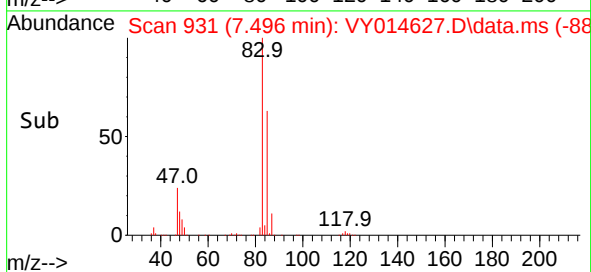
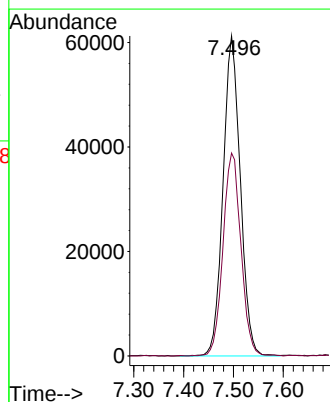
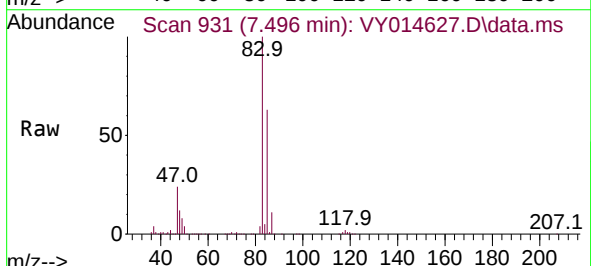
RT: 7.496 min Scan# 931

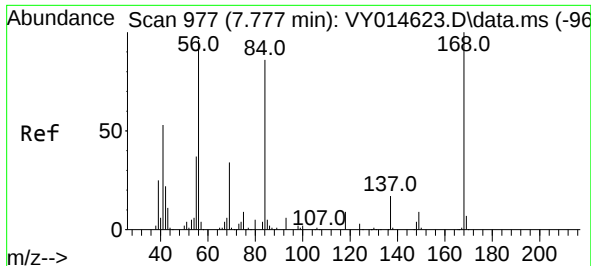
Delta R.T. -0.006 min

Lab File: VY014627.D

Acq: 13 Jul 2023 13:31

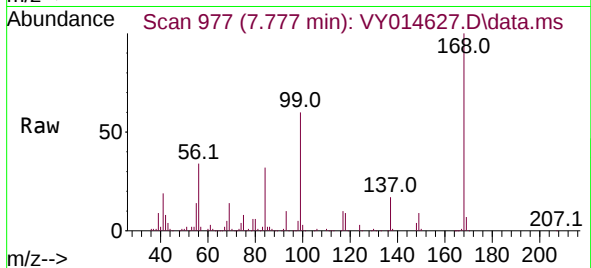
Tgt Ion:	83	Resp:	147319
Ion	Ratio	Lower	Upper
83	100		
85	63.3	49.7	74.5





#31
Cyclohexane
Concen: 19.091 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014627.D
Acq: 13 Jul 2023 13:31

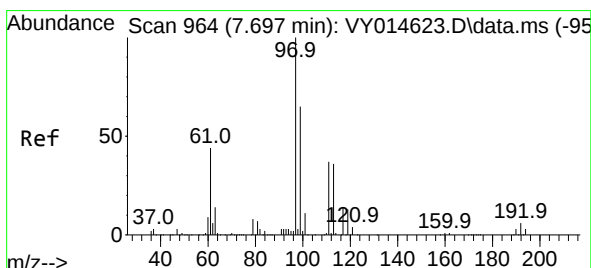
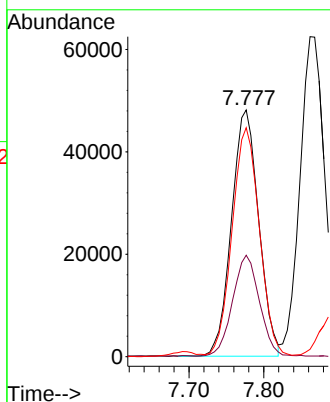
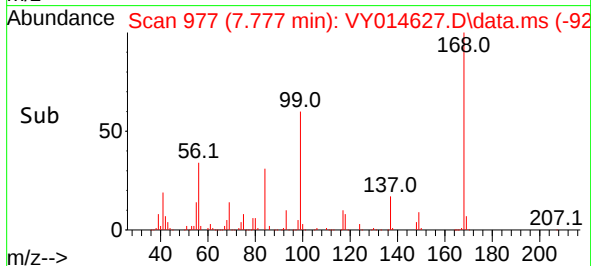
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



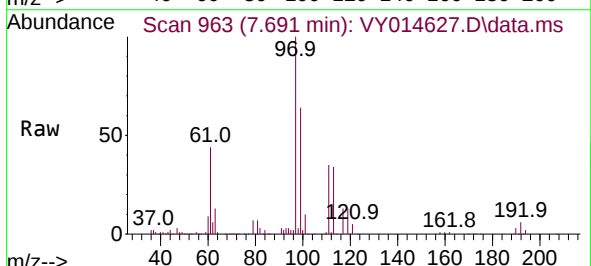
Tgt Ion: 56 Resp: 121492
Ion Ratio Lower Upper
56 100
69 41.0 27.8 41.6
84 91.4 66.4 99.6

Manual Integrations
APPROVED

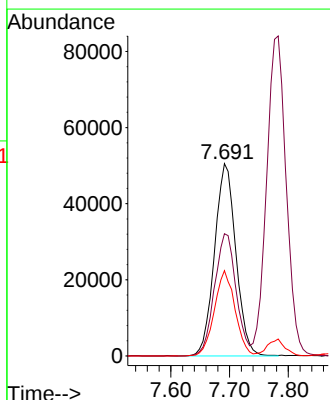
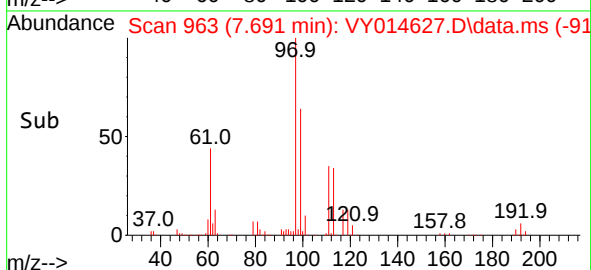
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#32
1,1,1-Trichloroethane
Concen: 20.112 ug/l
RT: 7.691 min Scan# 963
Delta R.T. -0.006 min
Lab File: VY014627.D
Acq: 13 Jul 2023 13:31



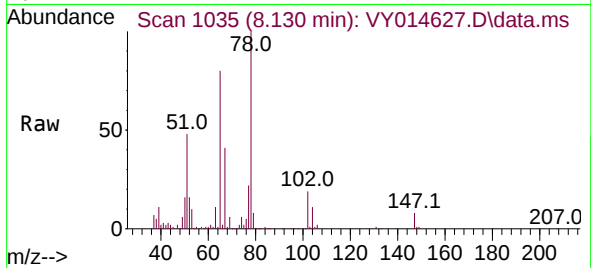
Tgt Ion: 97 Resp: 127725
Ion Ratio Lower Upper
97 100
99 64.3 50.8 76.2
61 42.8 35.1 52.7





#33
1,2-Dichloroethane-d4
Concen: 21.496 ug/l
RT: 8.130 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY014627.D
Acq: 13 Jul 2023 13:31

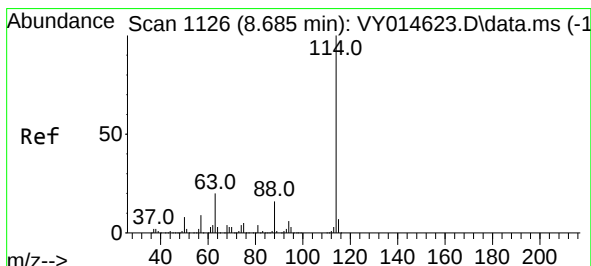
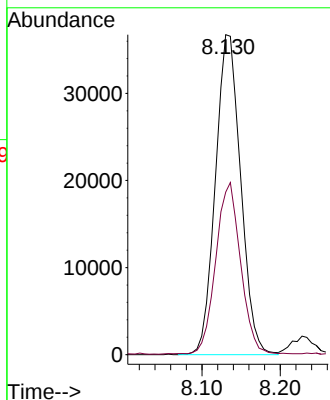
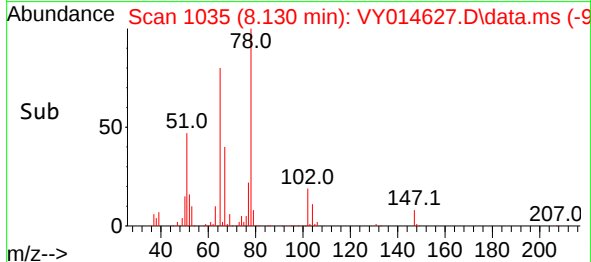
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



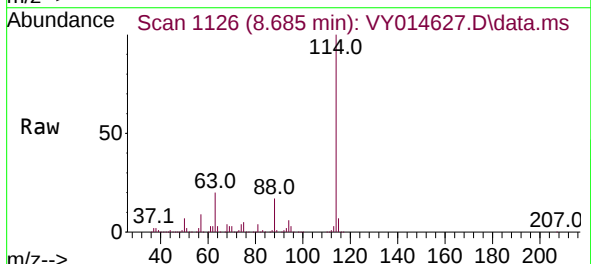
Tgt Ion: 65 Resp: 82400
Ion Ratio Lower Upper
65 100
67 52.8 0.0 101.8

Manual Integrations
APPROVED

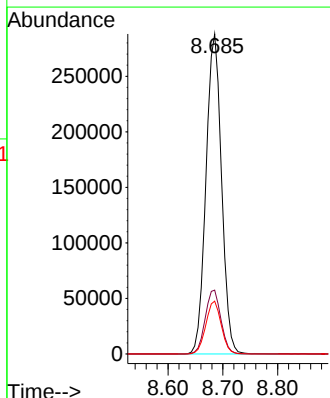
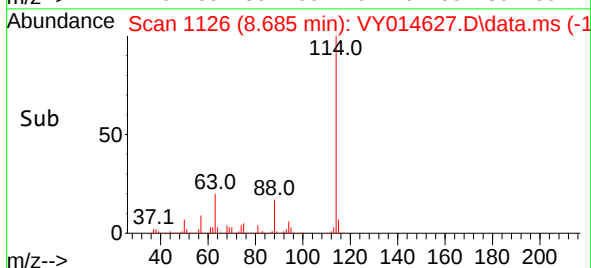
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

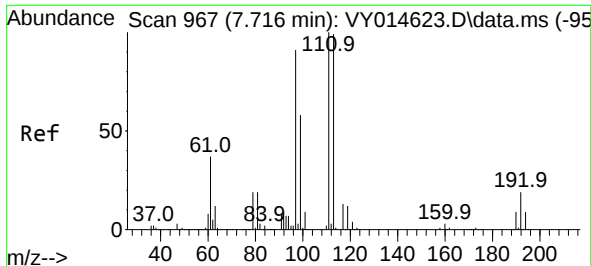


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY014627.D
Acq: 13 Jul 2023 13:31



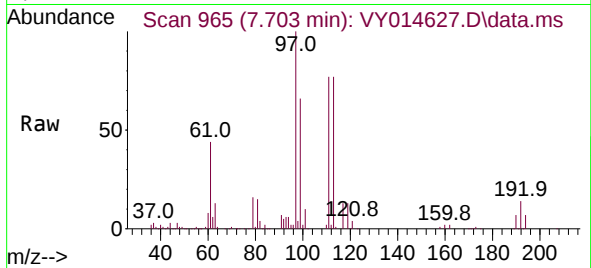
Tgt Ion:114 Resp: 565079
Ion Ratio Lower Upper
114 100
63 20.0 0.0 42.4
88 16.5 0.0 30.6





#35
Dibromofluoromethane
Concen: 21.070 ug/l
RT: 7.703 min Scan# 965
Delta R.T. -0.013 min
Lab File: VY014627.D
Acq: 13 Jul 2023 13:31

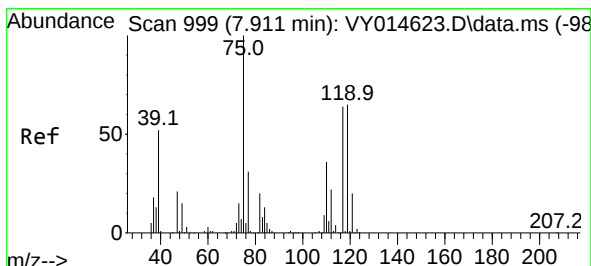
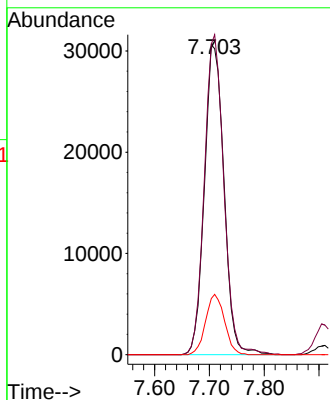
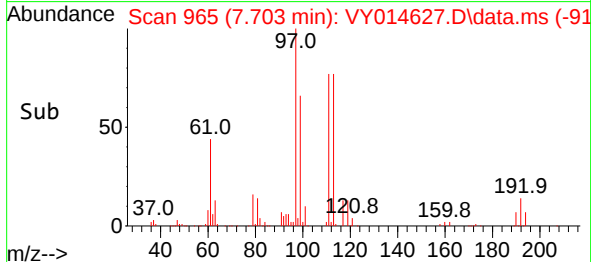
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 113 Resp: 75792
Ion Ratio Lower Upper
113 100
111 102.5 81.3 121.9
192 18.8 16.9 25.3

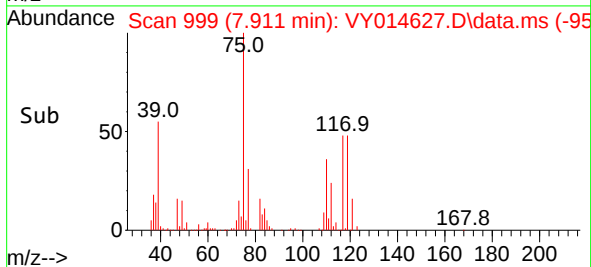
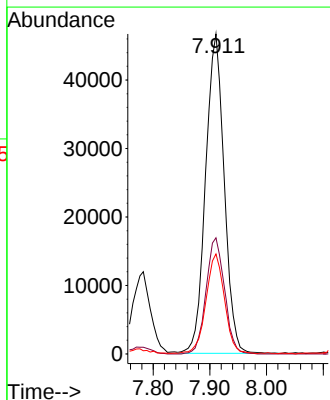
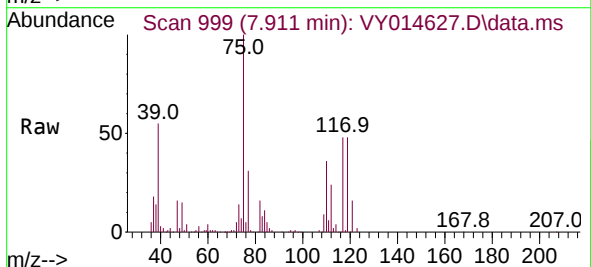
Manual Integrations
APPROVED

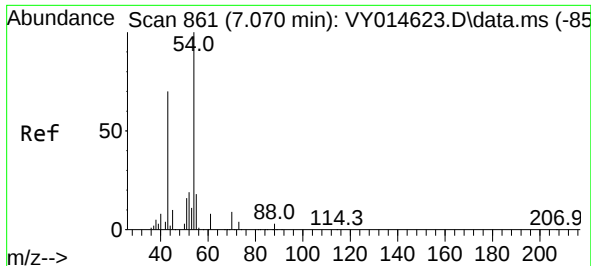
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#36
1,1-Dichloropropene
Concen: 19.723 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY014627.D
Acq: 13 Jul 2023 13:31

Tgt Ion: 75 Resp: 106099
Ion Ratio Lower Upper
75 100
110 36.2 17.8 53.5
77 30.9 24.4 36.6





#37

Ethyl Acetate

Concen: 21.953 ug/l

RT: 7.063 min Scan# 81

Delta R.T. -0.007 min

Lab File: VY014627.D

Acq: 13 Jul 2023 13:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

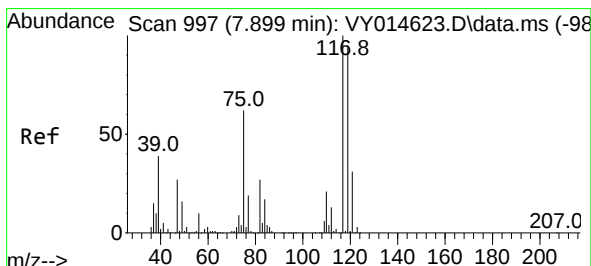
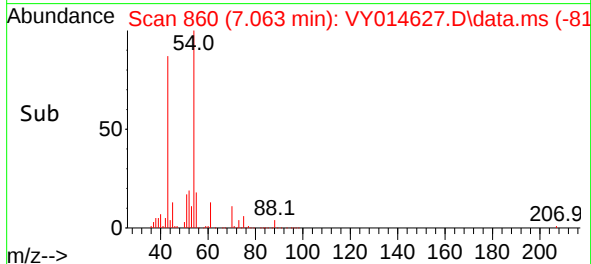
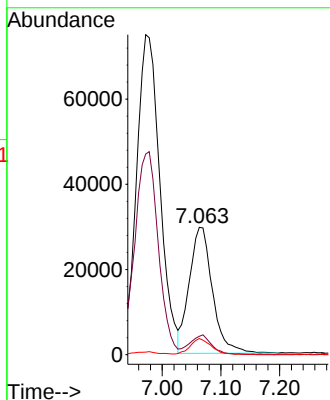
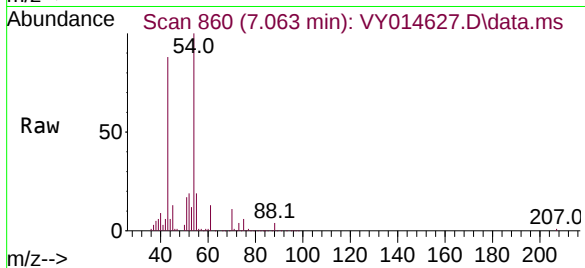
Tgt Ion: 43 Resp: 8130

Ion	Ratio	Lower	Upper
43	100		
61	14.6	10.1	15.1
70	11.5	7.1	10.7

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Mahesh Dadoda 07/14/2023



#38

Carbon Tetrachloride

Concen: 19.654 ug/l

RT: 7.892 min Scan# 996

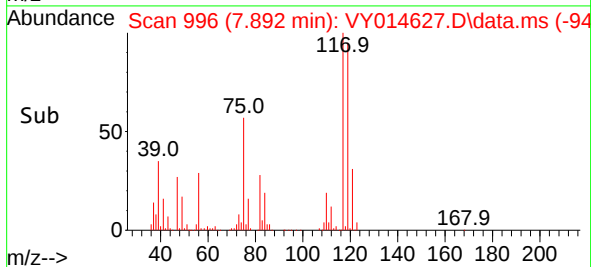
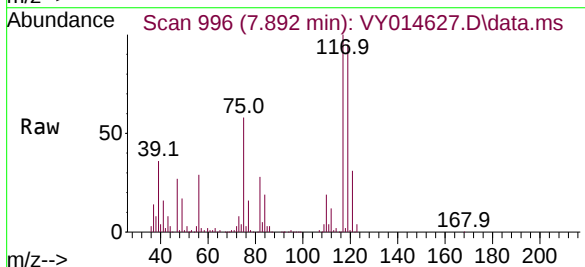
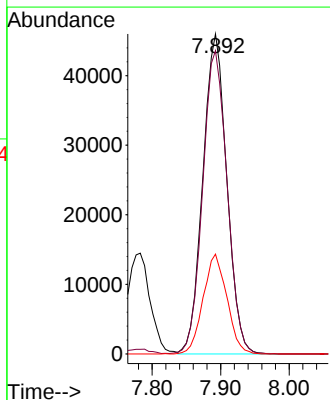
Delta R.T. -0.007 min

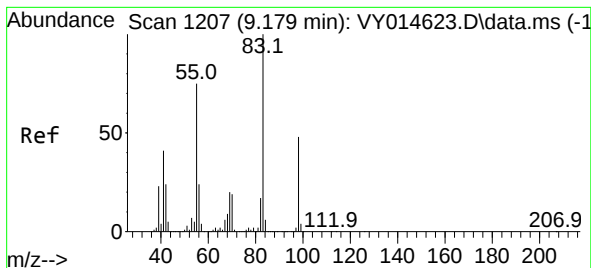
Lab File: VY014627.D

Acq: 13 Jul 2023 13:31

Tgt Ion:117 Resp: 111763

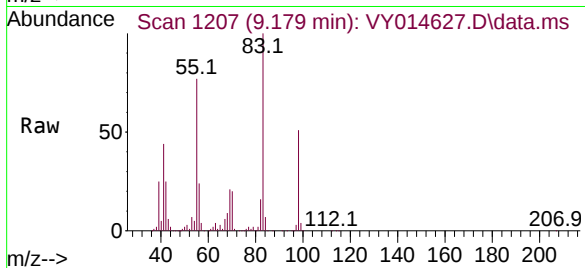
Ion	Ratio	Lower	Upper
117	100		
119	94.8	76.4	114.6
121	31.2	25.8	38.6





#39
Methylcyclohexane
Concen: 19.245 ug/l
RT: 9.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014627.D
Acq: 13 Jul 2023 13:31

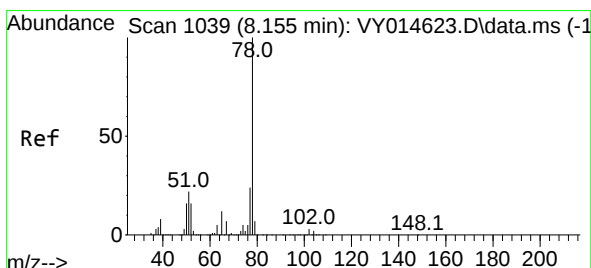
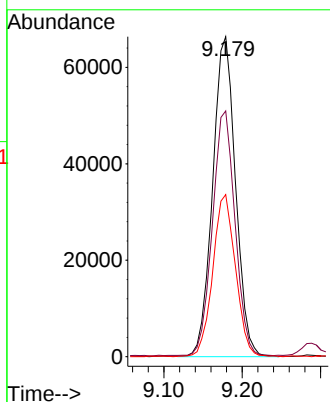
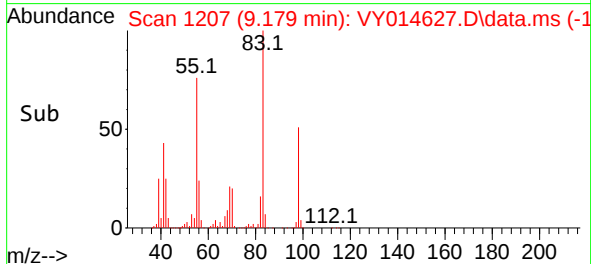
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 83 Resp: 13487
Ion Ratio Lower Upper
83 100
55 76.4 63.0 94.4
98 50.6 37.4 56.2

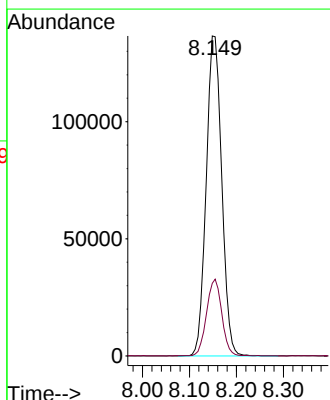
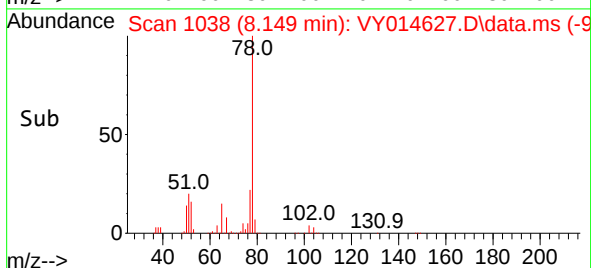
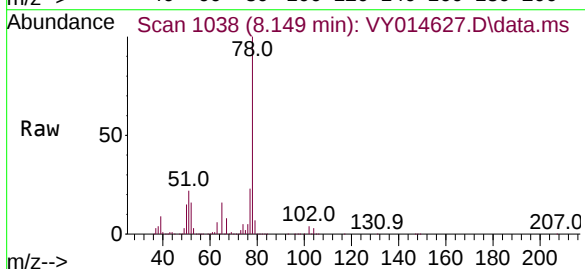
Manual Integrations
APPROVED

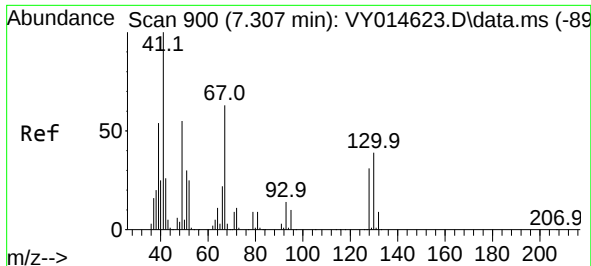
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#40
Benzene
Concen: 20.431 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY014627.D
Acq: 13 Jul 2023 13:31

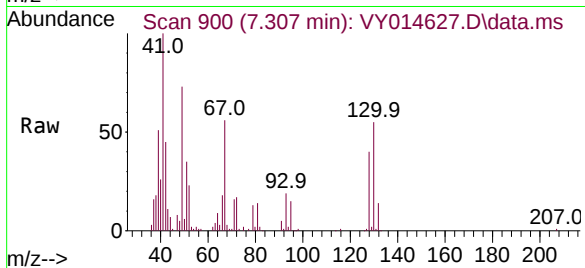
Tgt Ion: 78 Resp: 312574
Ion Ratio Lower Upper
78 100
77 22.7 19.0 28.6





#41
Methacrylonitrile
Concen: 22.768 ug/l m
RT: 7.307 min Scan# 901
Delta R.T. 0.000 min
Lab File: VY014627.D
Acq: 13 Jul 2023 13:31

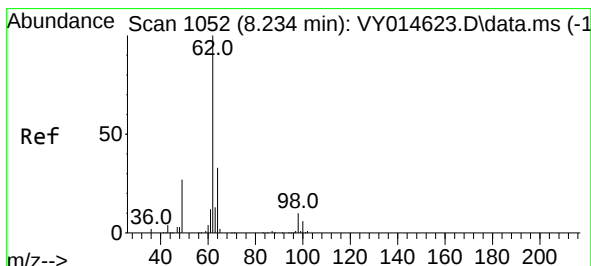
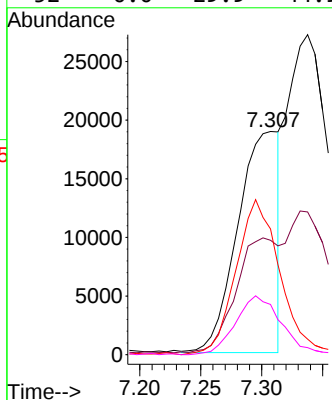
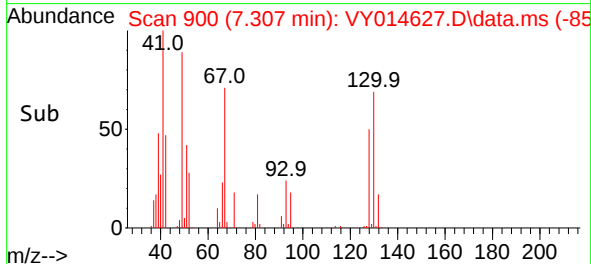
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 41 Resp: 44594
Ion Ratio Lower Upper
41 100
39 61.0 52.1 78.1
67 0.0 66.2 99.2
52 0.0 29.9 44.9#

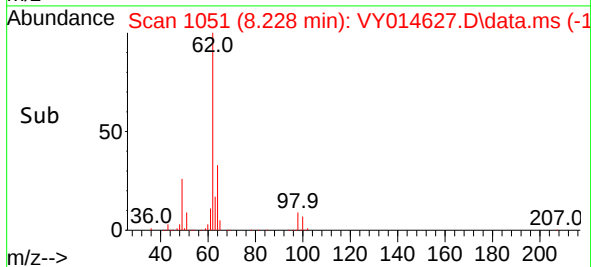
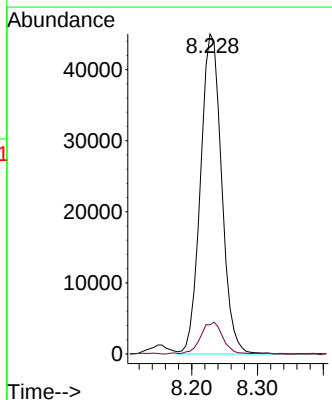
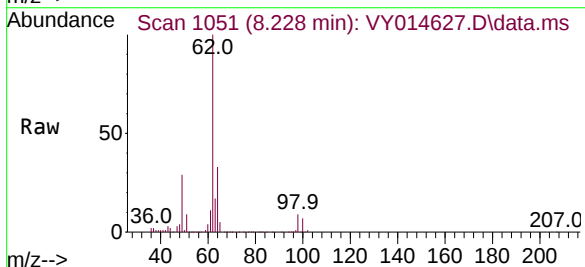
Manual Integrations
APPROVED

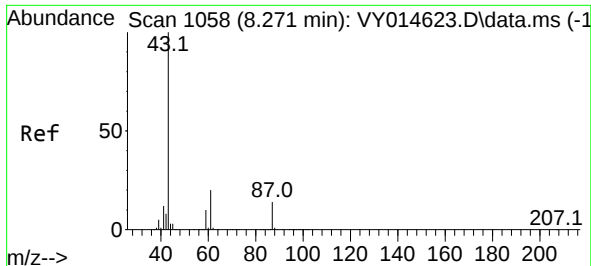
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#42
1,2-Dichloroethane
Concen: 20.750 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.006 min
Lab File: VY014627.D
Acq: 13 Jul 2023 13:31

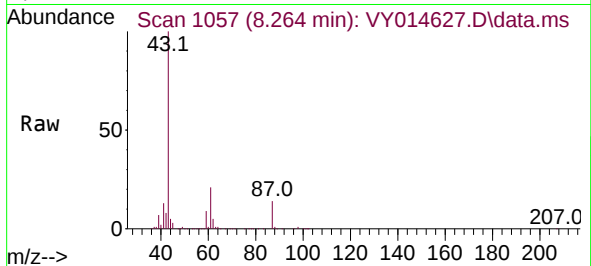
Tgt Ion: 62 Resp: 100533
Ion Ratio Lower Upper
62 100
98 10.5 0.0 15.8





#43
Isopropyl Acetate
Concen: 21.527 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. -0.007 min
Lab File: VY014627.D
Acq: 13 Jul 2023 13:31

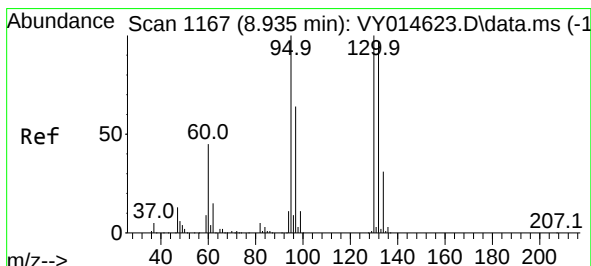
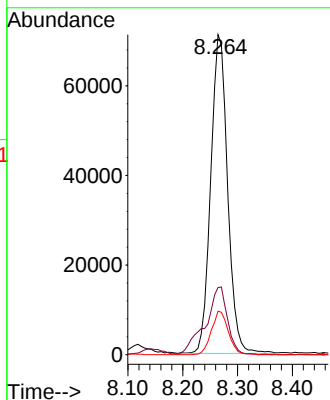
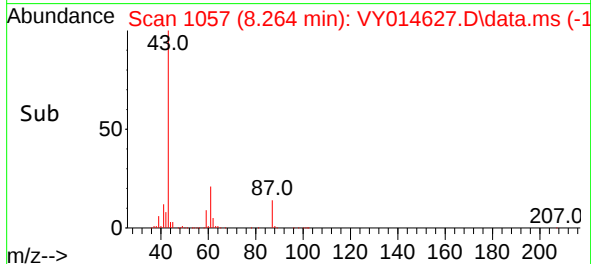
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 151878
Ion Ratio Lower Upper
43 100
61 27.9 21.1 31.7
87 13.7 9.8 14.8

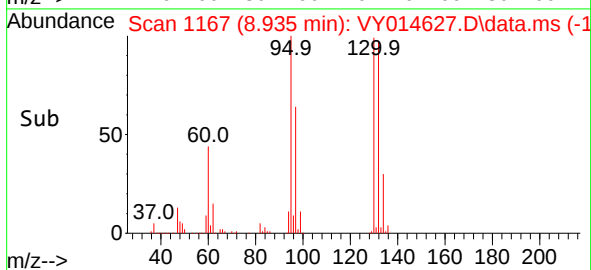
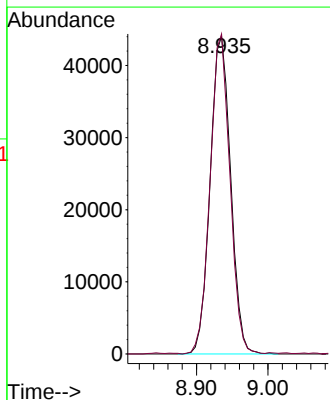
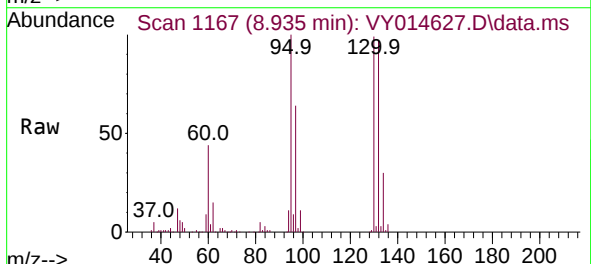
Manual Integrations
APPROVED

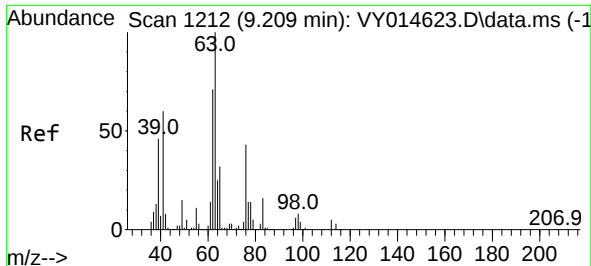
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#44
Trichloroethene
Concen: 20.459 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY014627.D
Acq: 13 Jul 2023 13:31

Tgt Ion:130 Resp: 87579
Ion Ratio Lower Upper
130 100
95 100.6 0.0 196.0





#45

1,2-Dichloropropane

Concen: 20.661 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY014627.D

Acq: 13 Jul 2023 13:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 82540

Ion Ratio Lower Upper

63 100

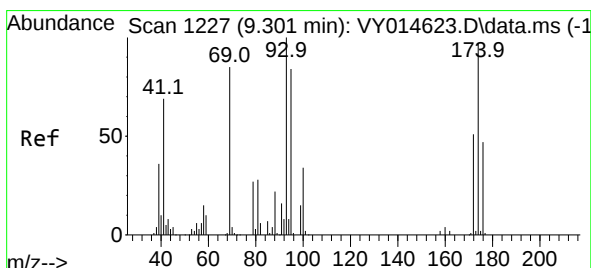
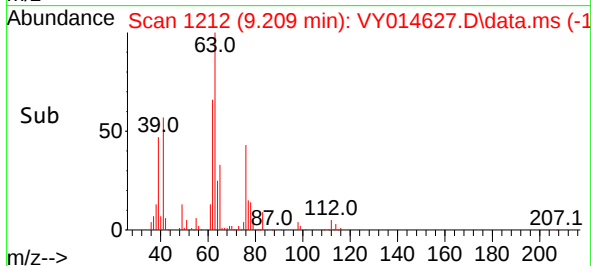
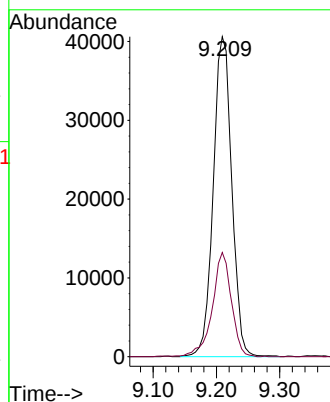
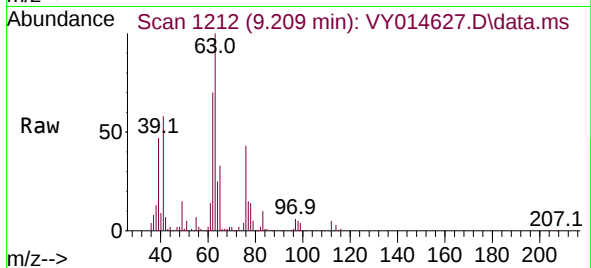
65 32.5 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Mahesh Dadoda 07/14/2023



#46

Dibromomethane

Concen: 20.859 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY014627.D

Acq: 13 Jul 2023 13:31

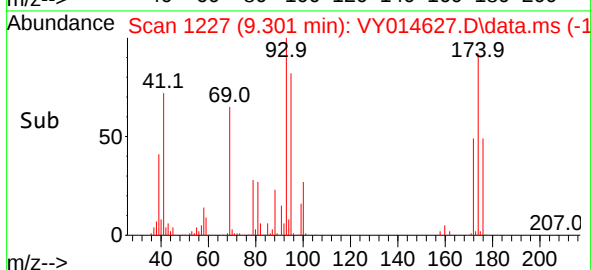
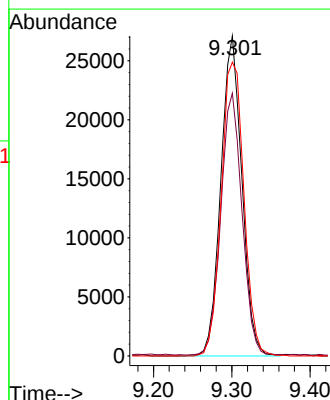
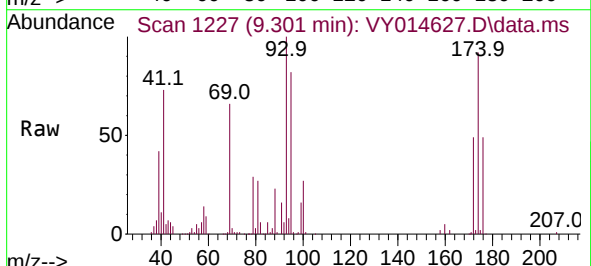
Tgt Ion: 93 Resp: 50553

Ion Ratio Lower Upper

93 100

95 82.3 66.6 100.0

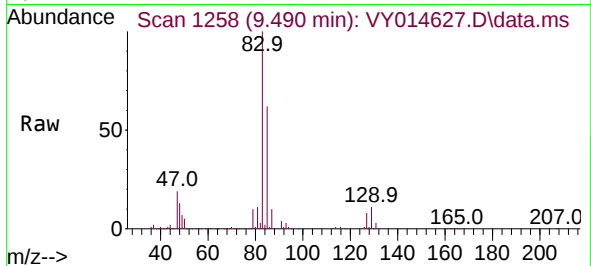
174 99.0 84.8 127.2





#47
Bromodichloromethane
Concen: 20.622 ug/l
RT: 9.490 min Scan# 1259
Delta R.T. -0.006 min
Lab File: VY014627.D
Acq: 13 Jul 2023 13:31

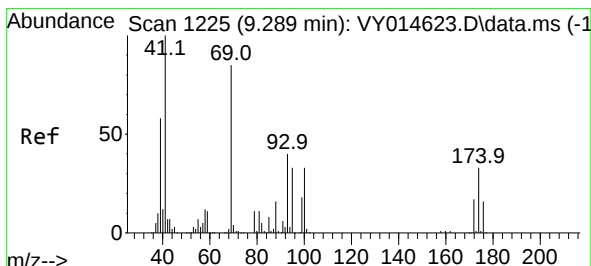
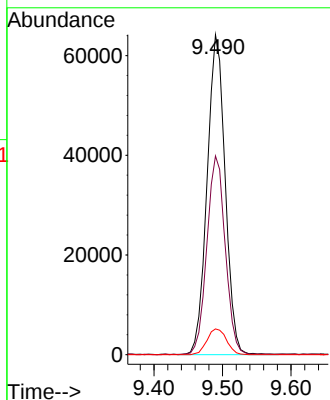
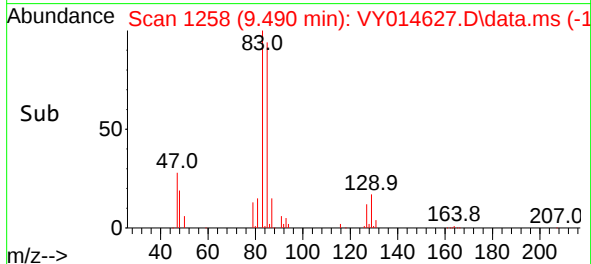
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 83 Resp: 11779
Ion Ratio Lower Upper
83 100
85 62.0 50.1 75.1
127 8.0 7.1 10.7

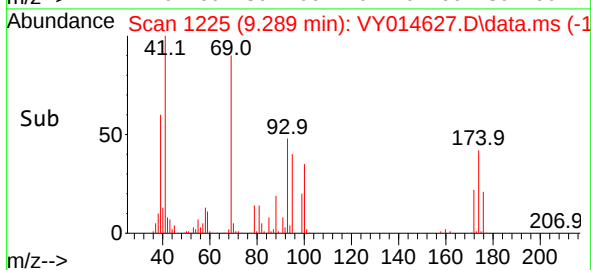
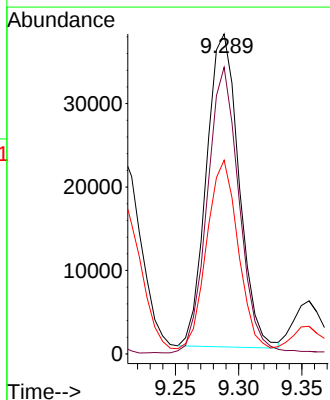
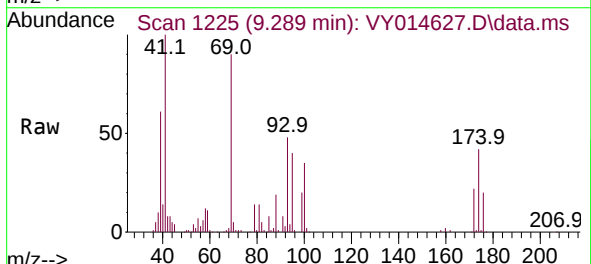
Manual Integrations
APPROVED

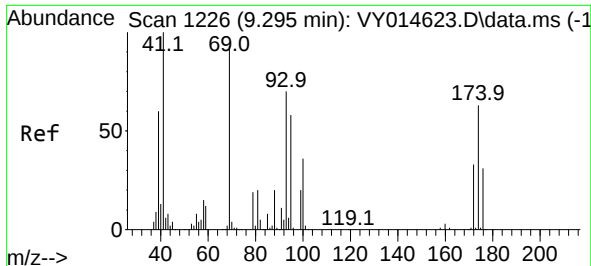
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#48
Methyl methacrylate
Concen: 21.114 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY014627.D
Acq: 13 Jul 2023 13:31

Tgt Ion: 41 Resp: 67029
Ion Ratio Lower Upper
41 100
69 89.7 64.5 96.7
39 60.3 50.8 76.2





#49

1,4-Dioxane

Concen: 467.577 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. -0.006 min

Lab File: VY014627.D

Acq: 13 Jul 2023 13:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

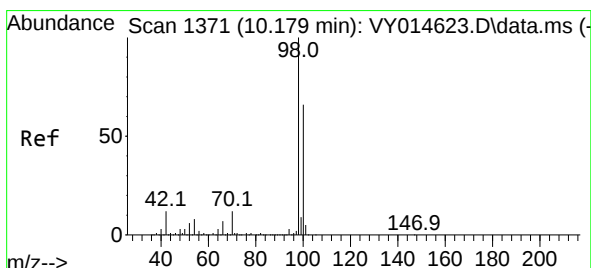
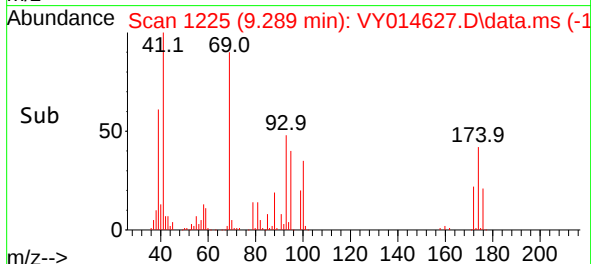
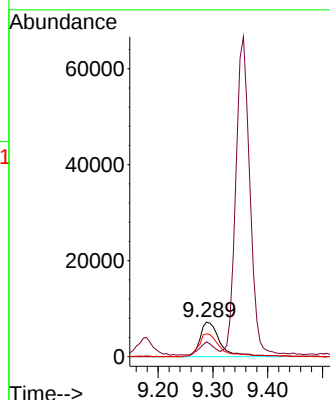
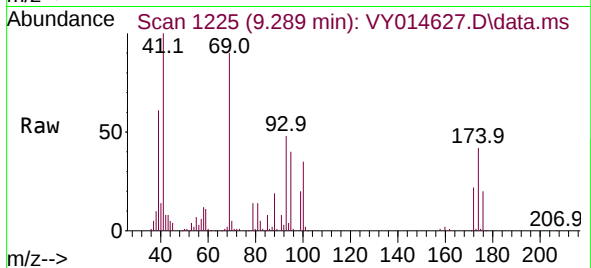
Tgt Ion: 88 Resp: 18478
 Ion Ratio Lower Upper
 88 100
 43 27.3 0.0 0.0
 58 71.3 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Mahesh Dadoda 07/14/2023



#50

Toluene-d8

Concen: 21.032 ug/l

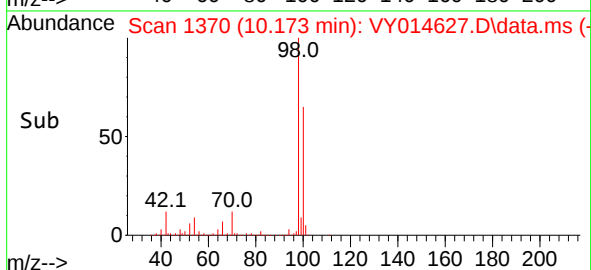
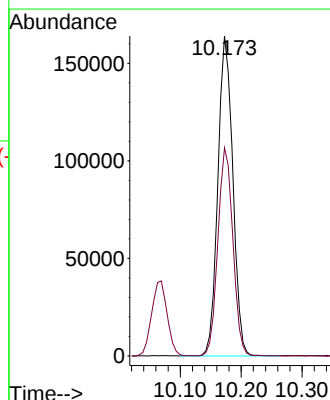
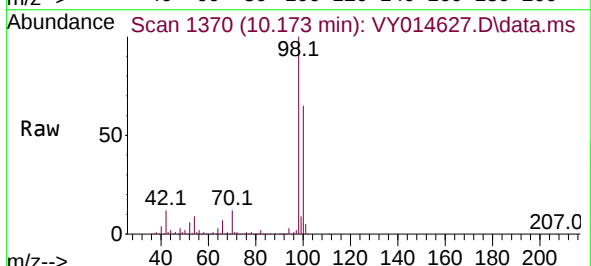
RT: 10.173 min Scan# 1370

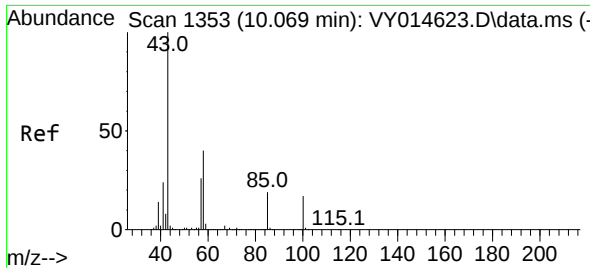
Delta R.T. -0.006 min

Lab File: VY014627.D

Acq: 13 Jul 2023 13:31

Tgt Ion: 98 Resp: 278928
 Ion Ratio Lower Upper
 98 100
 100 65.3 50.1 75.1





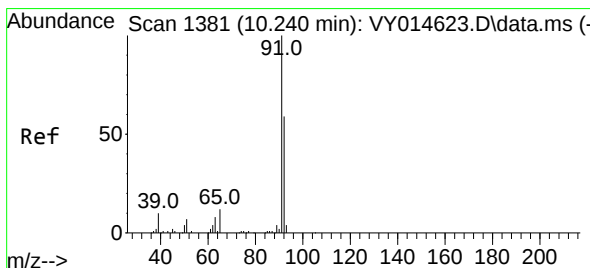
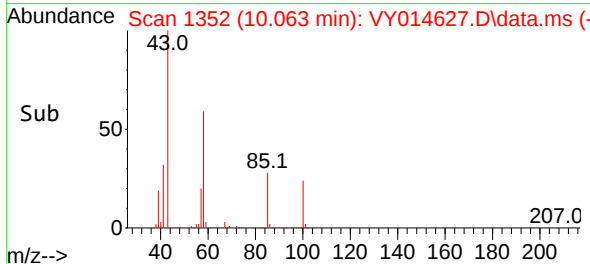
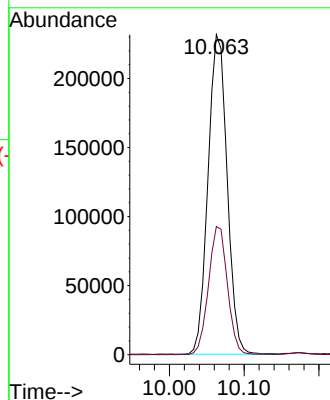
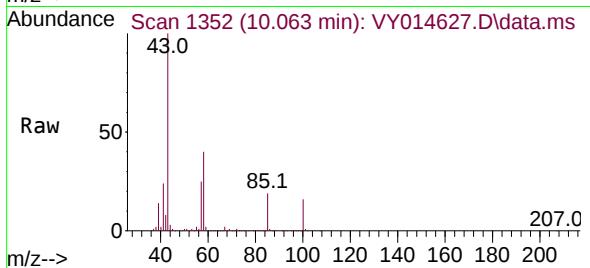
#51
4-Methyl-2-Pentanone
Concen: 111.158 ug/l
RT: 10.063 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014627.D
Acq: 13 Jul 2023 13:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 41176
Ion Ratio Lower Upper
43 100
58 39.8 29.0 43.6

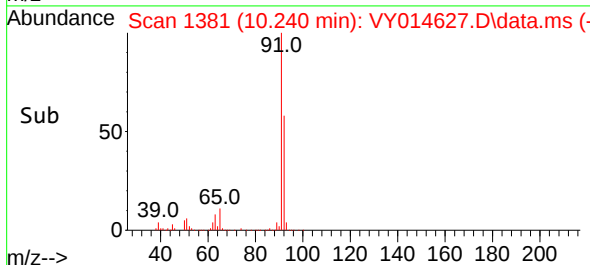
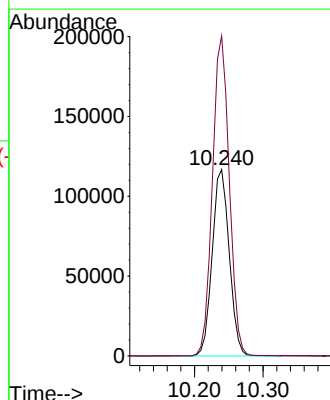
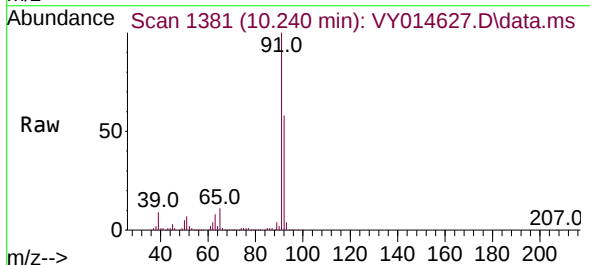
Manual Integrations
APPROVED

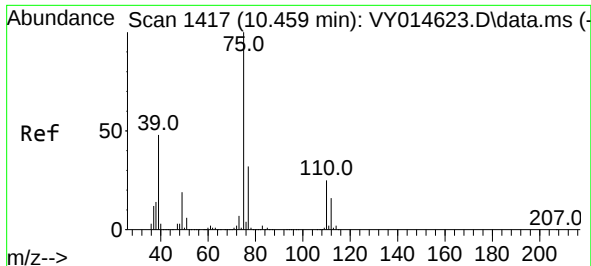
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#52
Toluene
Concen: 20.572 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY014627.D
Acq: 13 Jul 2023 13:31

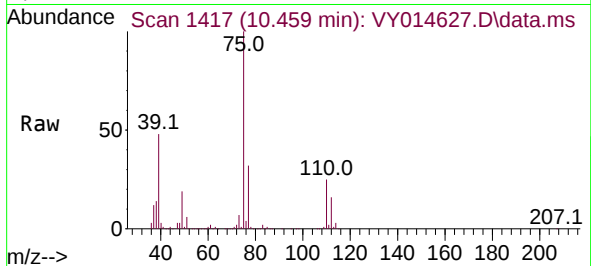
Tgt Ion: 92 Resp: 201402
Ion Ratio Lower Upper
92 100
91 169.8 143.8 215.6





#53
 t-1,3-Dichloropropene
 Concen: 20.746 ug/l
 RT: 10.459 min Scan# 1417
 Delta R.T. 0.000 min
 Lab File: VY014627.D
 Acq: 13 Jul 2023 13:31

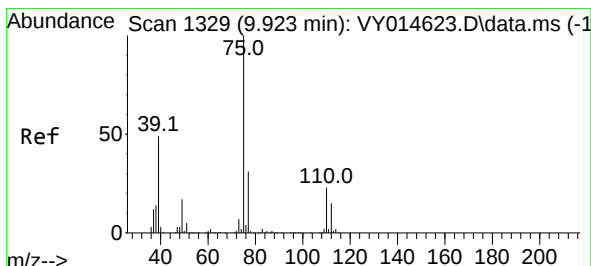
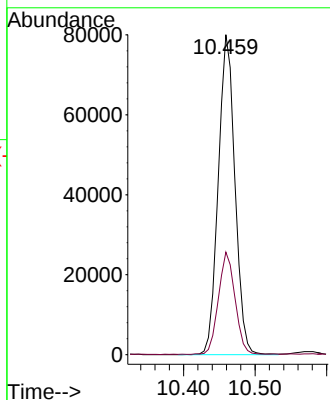
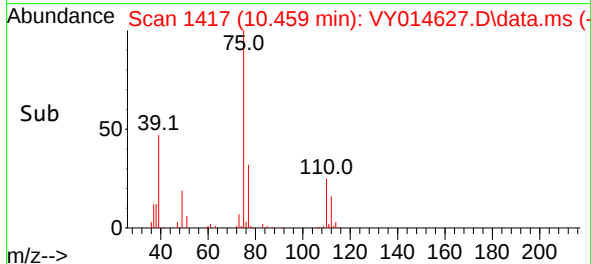
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020



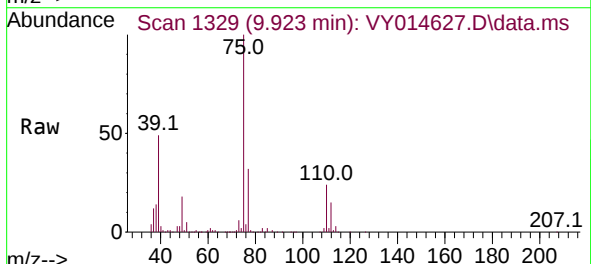
Tgt Ion: 75 Resp: 129624
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.0 37.4

Manual Integrations
 APPROVED

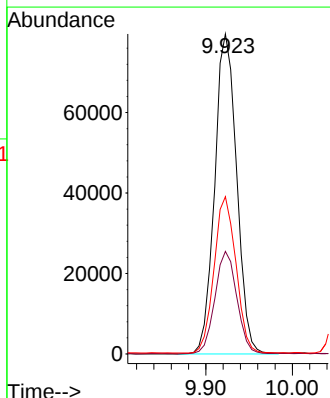
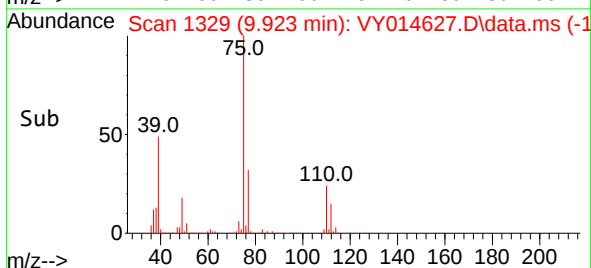
Reviewed By :John Carlone 07/14/2023
 Supervised By :Mahesh Dadoda 07/14/2023

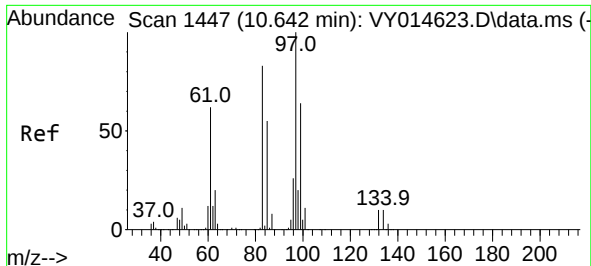


#54
 cis-1,3-Dichloropropene
 Concen: 20.637 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. -0.000 min
 Lab File: VY014627.D
 Acq: 13 Jul 2023 13:31



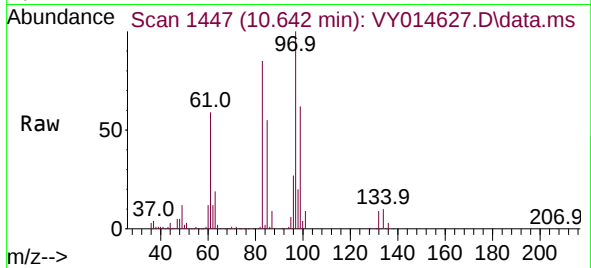
Tgt Ion: 75 Resp: 140222
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.2 36.4
 39 48.8 42.2 63.4





#55
1,1,2-Trichloroethane
Concen: 20.809 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY014627.D
Acq: 13 Jul 2023 13:31

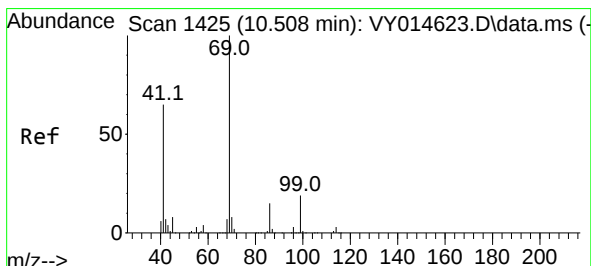
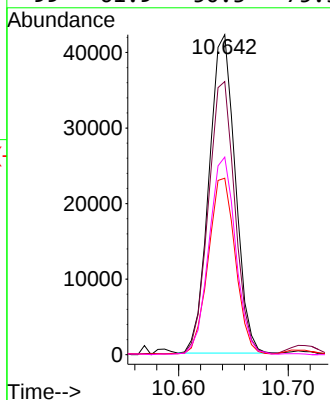
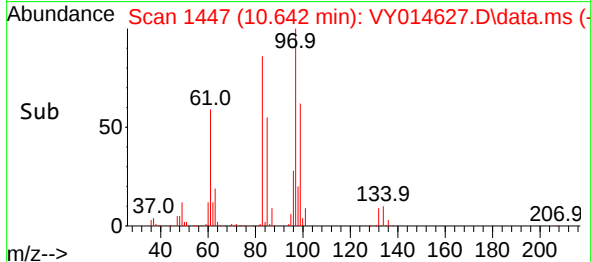
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



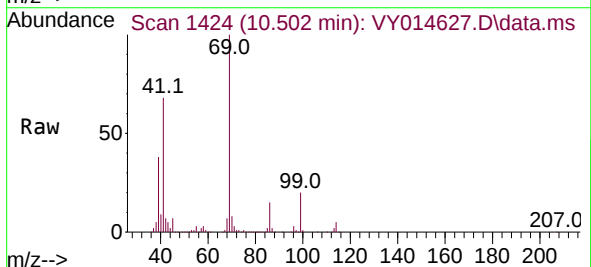
Tgt Ion: 97	Resp: 7025
Ion Ratio	Lower Upper
97 100	
83 85.4	72.0 108.0
85 55.1	45.4 68.0
99 61.9	50.3 75.5

Manual Integrations
APPROVED

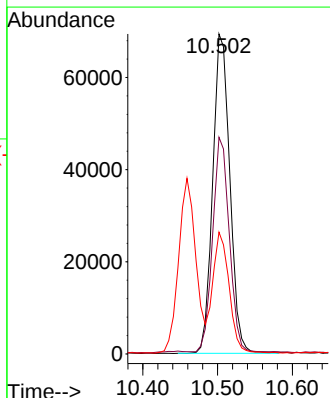
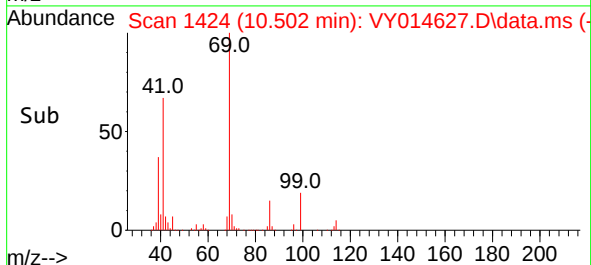
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

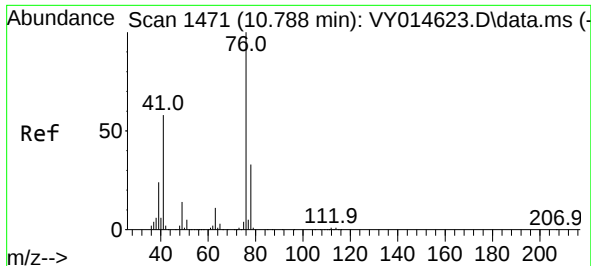


#56
Ethyl methacrylate
Concen: 21.448 ug/l
RT: 10.502 min Scan# 1424
Delta R.T. -0.006 min
Lab File: VY014627.D
Acq: 13 Jul 2023 13:31



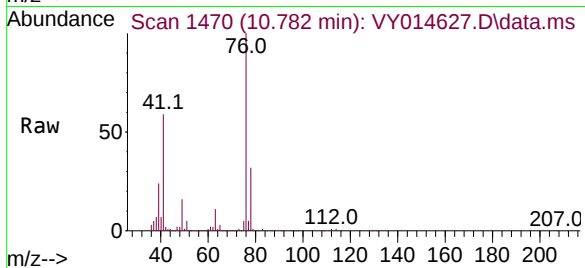
Tgt Ion: 69	Resp: 110555
Ion Ratio	Lower Upper
69 100	
41 65.3	57.6 86.4
39 36.2	34.1 51.1





#57
1,3-Dichloropropane
Concen: 20.988 ug/l
RT: 10.782 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VY014627.D
Acq: 13 Jul 2023 13:31

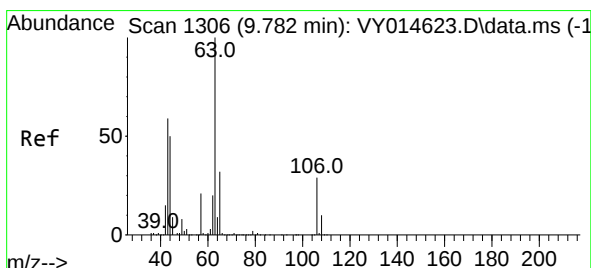
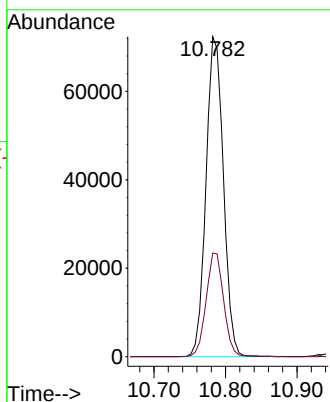
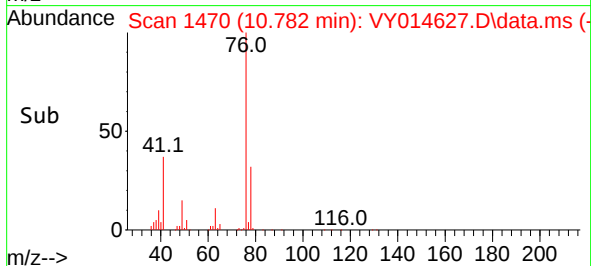
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 76 Resp: 12221
Ion Ratio Lower Upper
76 100
78 32.6 25.3 37.9

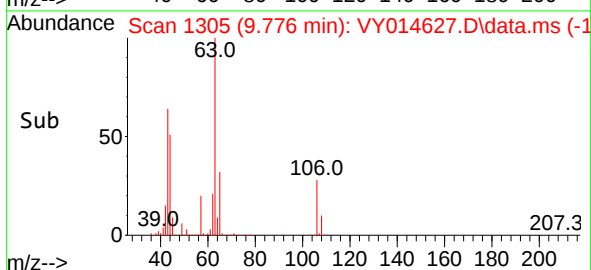
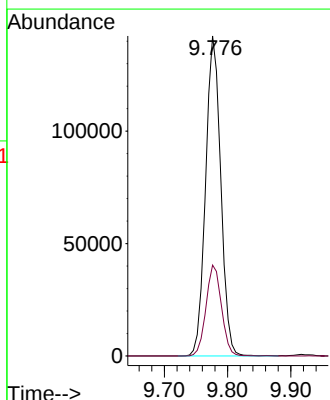
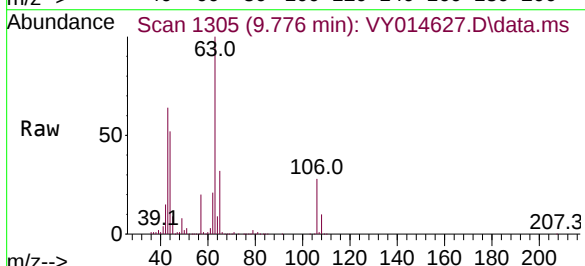
Manual Integrations
APPROVED

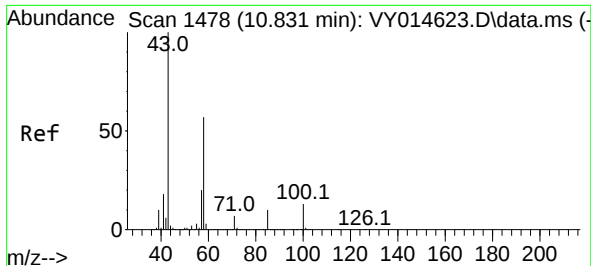
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#58
2-Chloroethyl Vinyl ether
Concen: 98.758 ug/l
RT: 9.776 min Scan# 1305
Delta R.T. -0.006 min
Lab File: VY014627.D
Acq: 13 Jul 2023 13:31

Tgt Ion: 63 Resp: 237189
Ion Ratio Lower Upper
63 100
106 28.9 21.2 31.8





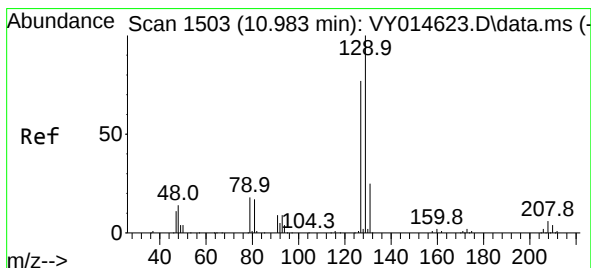
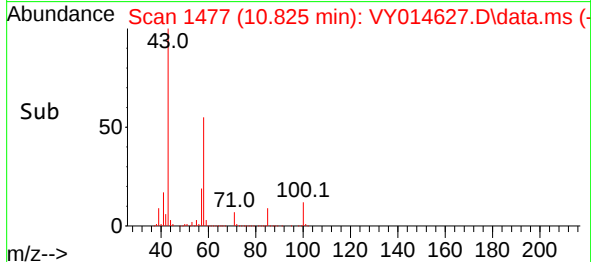
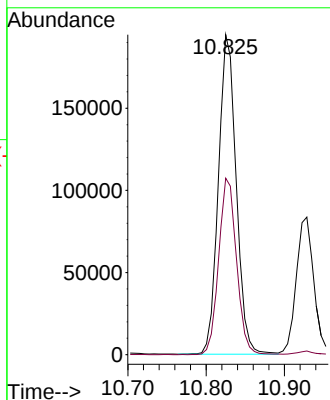
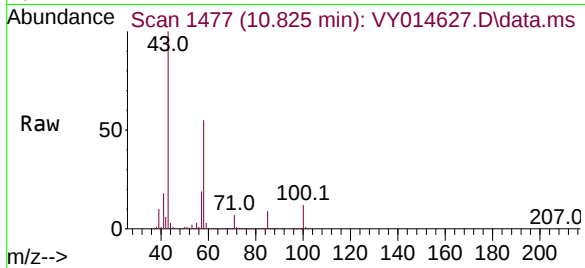
#59
2-Hexanone
Concen: 113.827 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VY014627.D
Acq: 13 Jul 2023 13:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 307492
Ion Ratio Lower Upper
43 100
58 55.5 25.1 75.3

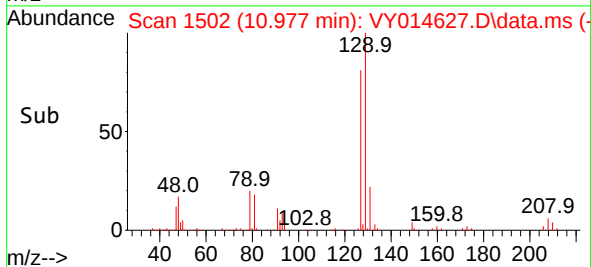
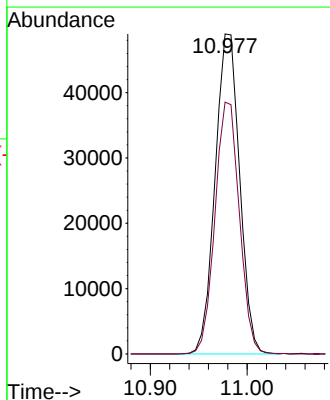
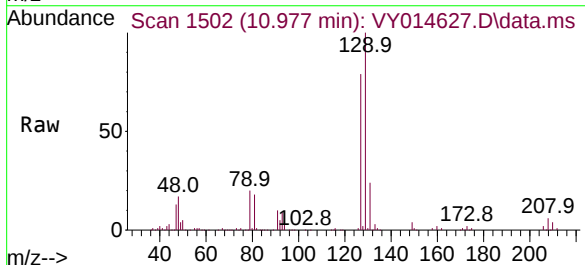
Manual Integrations
APPROVED

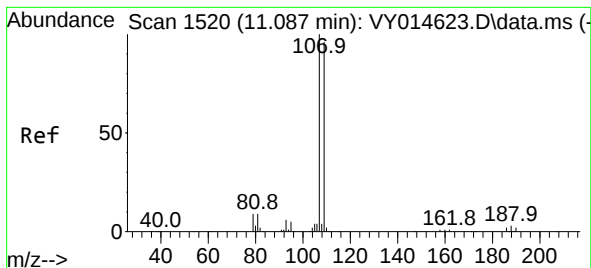
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#60
Dibromochloromethane
Concen: 20.851 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. -0.006 min
Lab File: VY014627.D
Acq: 13 Jul 2023 13:31

Tgt Ion:129 Resp: 86307
Ion Ratio Lower Upper
129 100
127 78.3 38.5 115.5





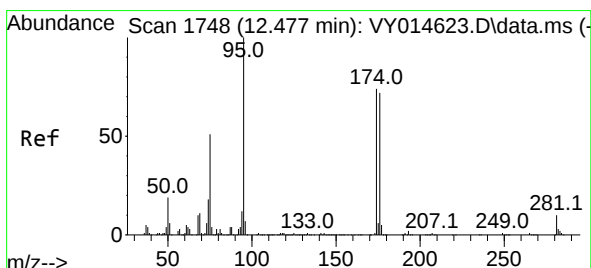
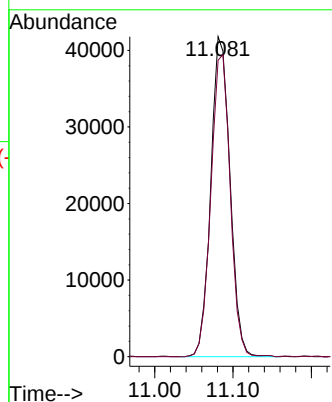
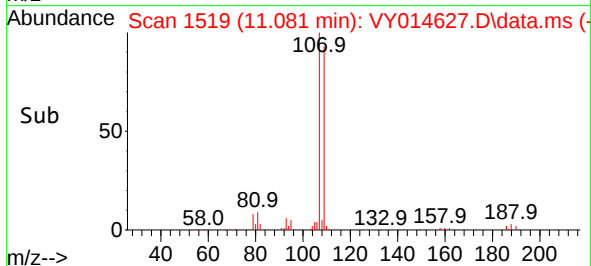
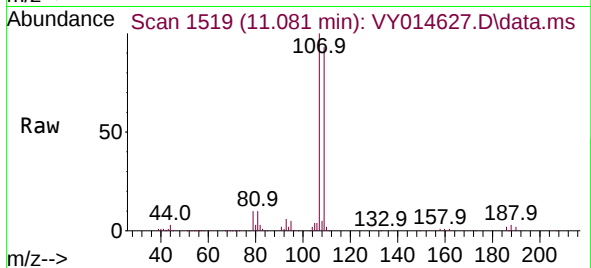
#61
1,2-Dibromoethane
Concen: 21.122 ug/l
RT: 11.081 min Scan# 1107
Delta R.T. -0.006 min
Lab File: VY014627.D
Acq: 13 Jul 2023 13:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:107 Resp: 71136
Ion Ratio Lower Upper
107 100
109 94.9 75.6 113.4

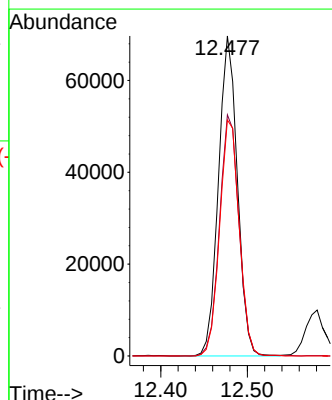
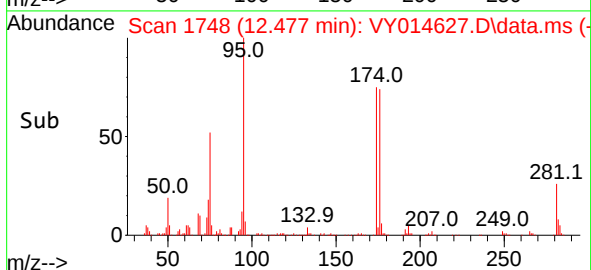
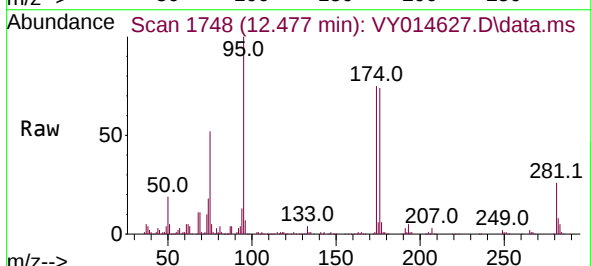
Manual Integrations
APPROVED

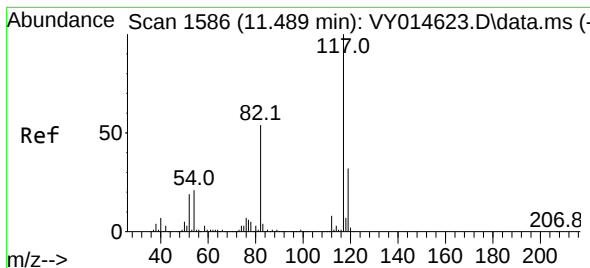
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#62
4-Bromofluorobenzene
Concen: 20.810 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY014627.D
Acq: 13 Jul 2023 13:31

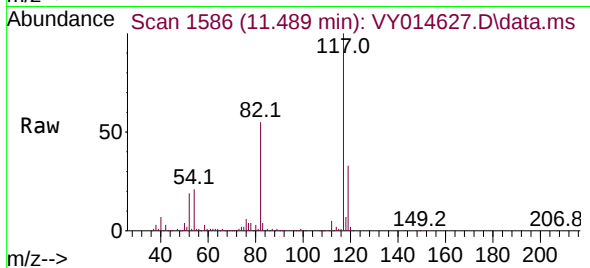
Tgt Ion: 95 Resp: 105822
Ion Ratio Lower Upper
95 100
174 77.2 0.0 178.2
176 76.1 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014627.D
Acq: 13 Jul 2023 13:31

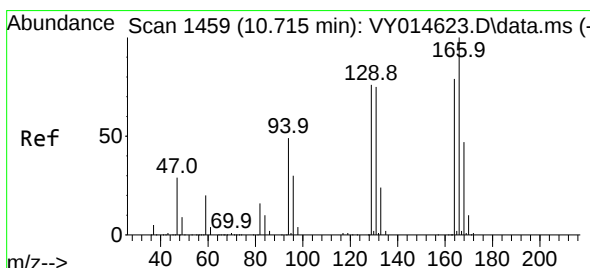
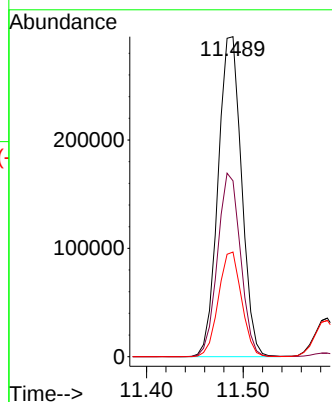
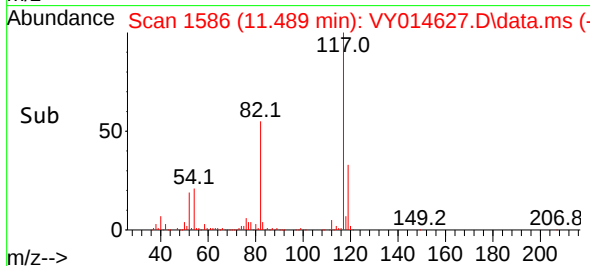
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion:117 Resp: 497350
Ion Ratio Lower Upper
117 100
82 54.9 43.4 65.0
119 32.7 26.3 39.5

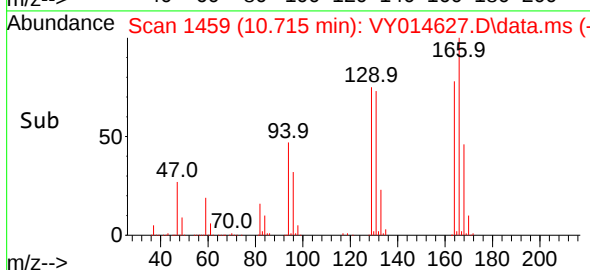
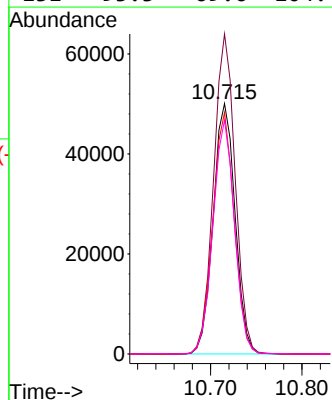
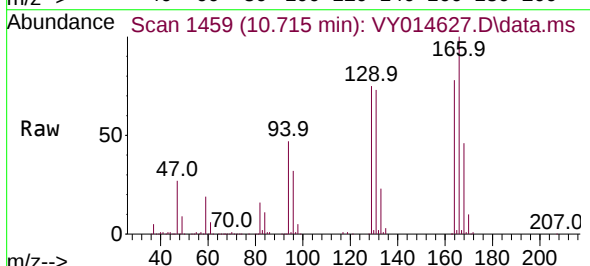
Manual Integrations
APPROVED

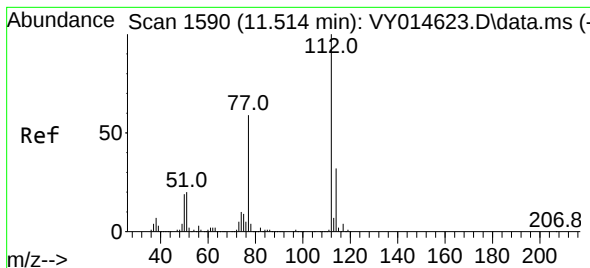
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#64
Tetrachloroethene
Concen: 20.819 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY014627.D
Acq: 13 Jul 2023 13:31

Tgt Ion:164 Resp: 83277
Ion Ratio Lower Upper
164 100
166 127.8 103.0 154.6
129 96.4 77.2 115.8
131 93.3 69.6 104.4





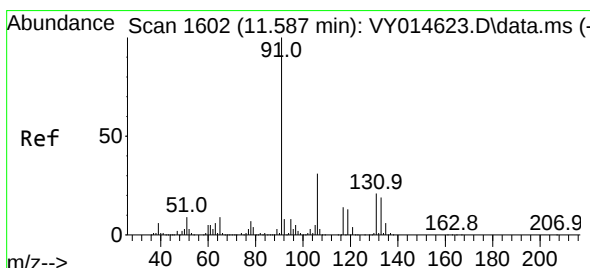
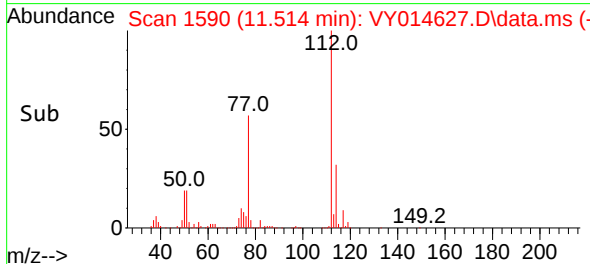
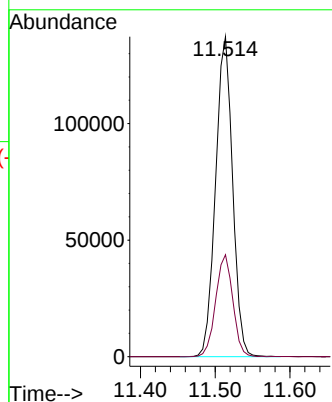
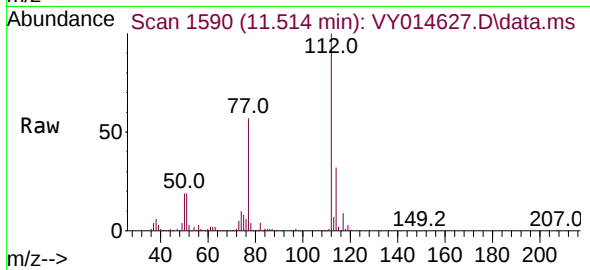
#65
Chlorobenzene
Concen: 20.566 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. -0.000 min
Lab File: VY014627.D
Acq: 13 Jul 2023 13:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:112 Resp: 21796
Ion Ratio Lower Upper
112 100
114 31.8 25.5 38.3

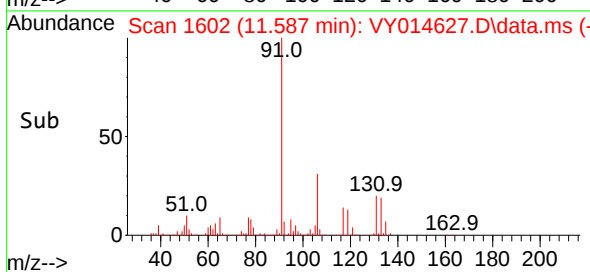
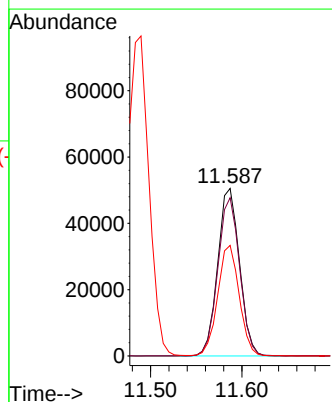
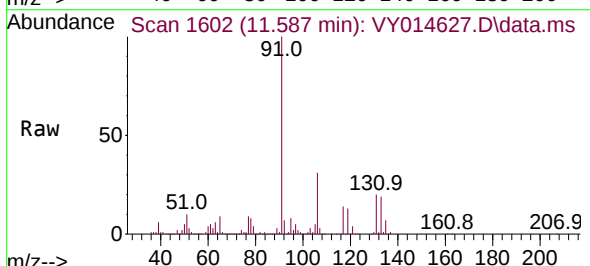
Manual Integrations
APPROVED

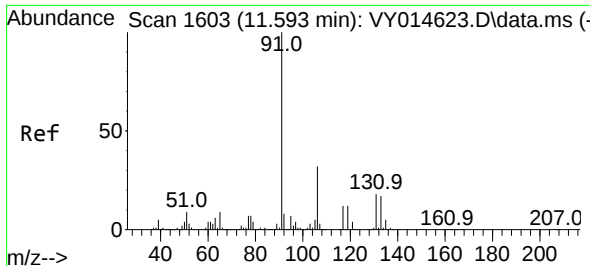
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 20.952 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY014627.D
Acq: 13 Jul 2023 13:31

Tgt Ion:131 Resp: 83727
Ion Ratio Lower Upper
131 100
133 94.6 47.5 142.6
119 65.2 31.6 94.7





#67

Ethyl Benzene

Concen: 20.401 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014627.D

Acq: 13 Jul 2023 13:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 91 Resp: 390374

Ion Ratio Lower Upper

91 100

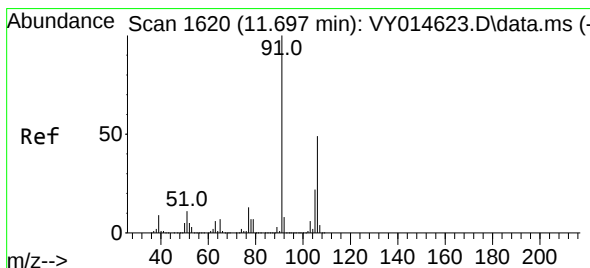
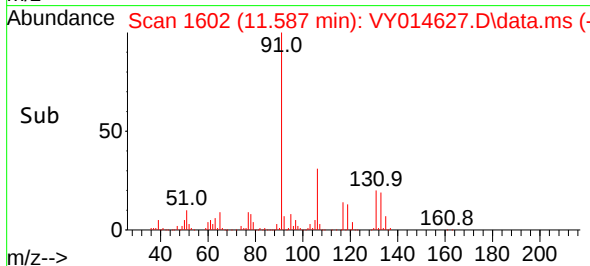
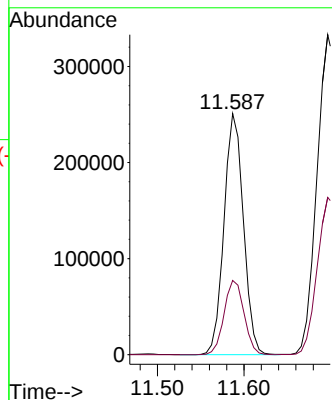
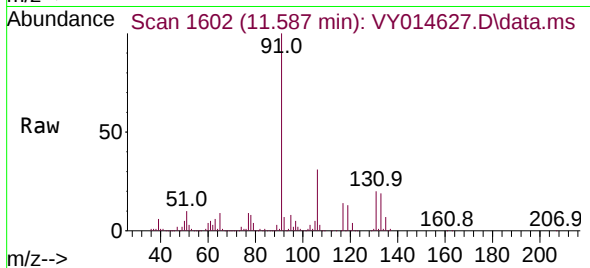
106 30.8 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Mahesh Dadoda 07/14/2023



#68

m/p-Xylenes

Concen: 41.350 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VY014627.D

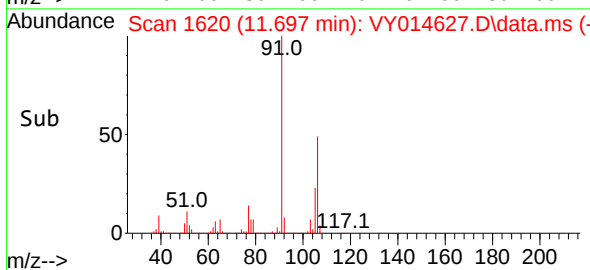
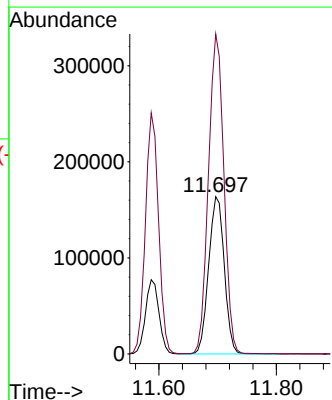
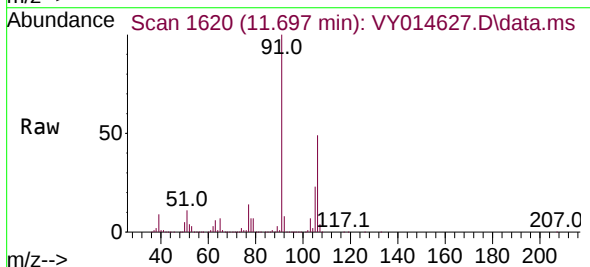
Acq: 13 Jul 2023 13:31

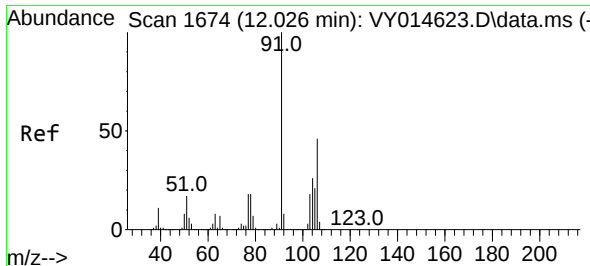
Tgt Ion:106 Resp: 302042

Ion Ratio Lower Upper

106 100

91 201.1 166.1 249.1





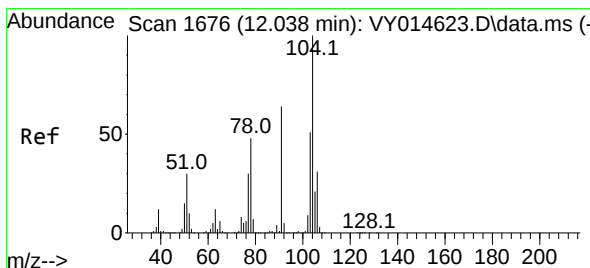
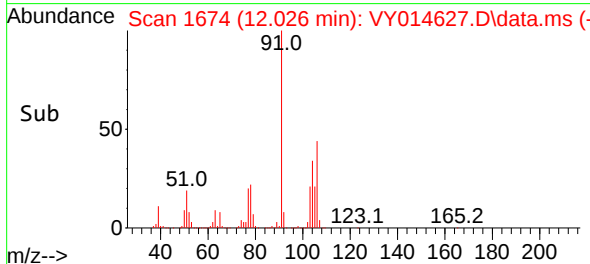
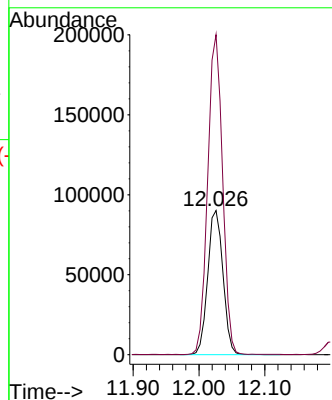
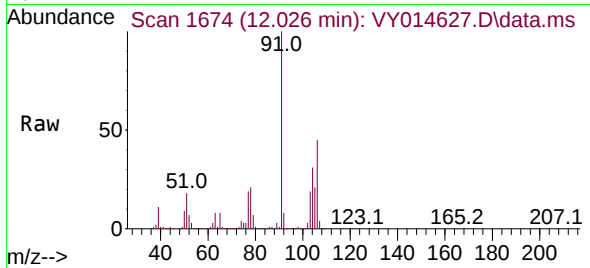
#69
o-Xylene
Concen: 20.422 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY014627.D
Acq: 13 Jul 2023 13:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 145293
Ion Ratio Lower Upper
106 100
91 216.8 108.1 324.3

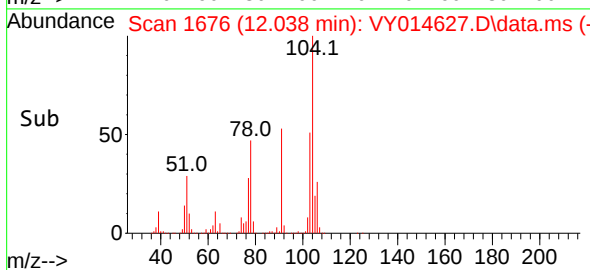
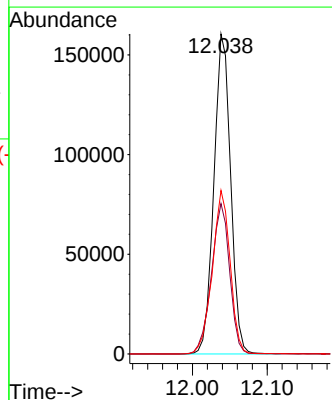
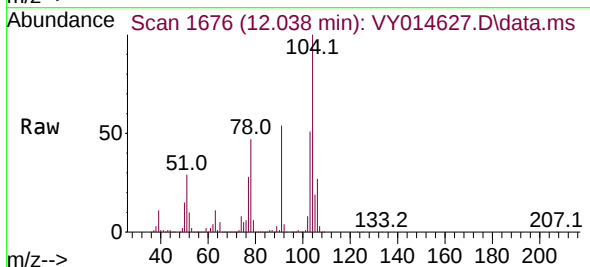
Manual Integrations
APPROVED

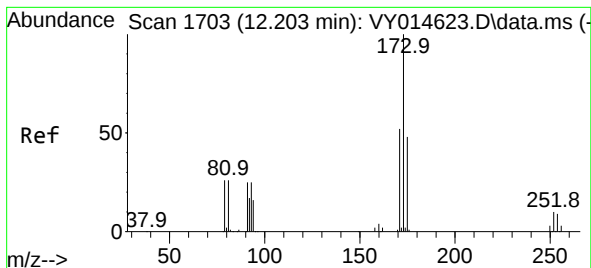
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#70
Styrene
Concen: 20.843 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY014627.D
Acq: 13 Jul 2023 13:31

Tgt Ion:104 Resp: 249927
Ion Ratio Lower Upper
104 100
78 51.1 41.5 62.3
103 54.4 44.6 67.0





#71

Bromoform

Concen: 21.603 ug/l

RT: 12.203 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VY014627.D

Acq: 13 Jul 2023 13:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

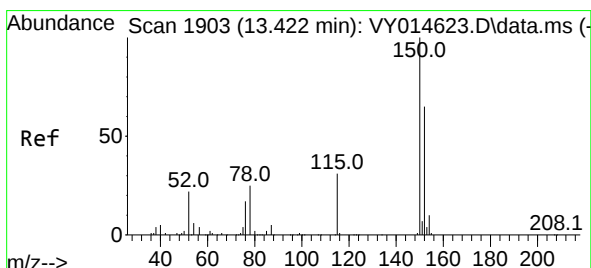
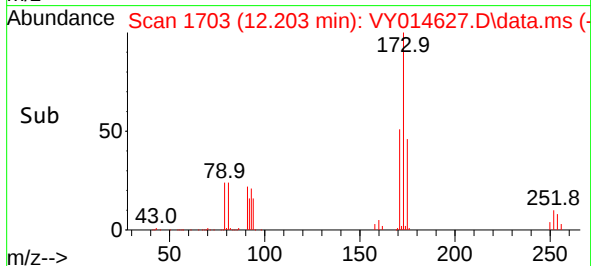
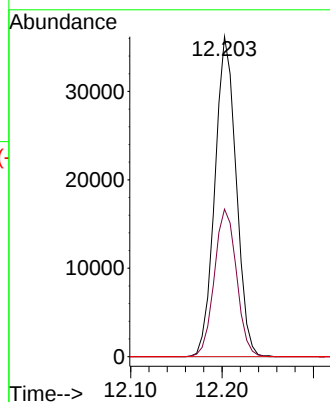
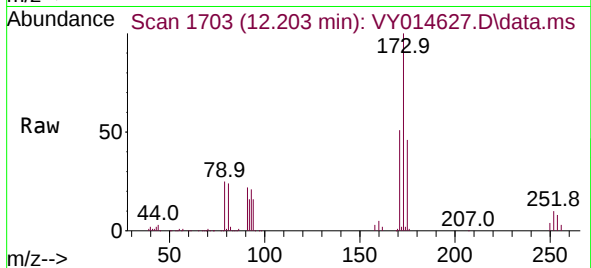
Tgt Ion:	173	Resp:	58510
Ion Ratio	Lower	Upper	
173	100		
175	48.0	24.6	73.8
254	0.0	0.2	0.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Mahesh Dadoda 07/14/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

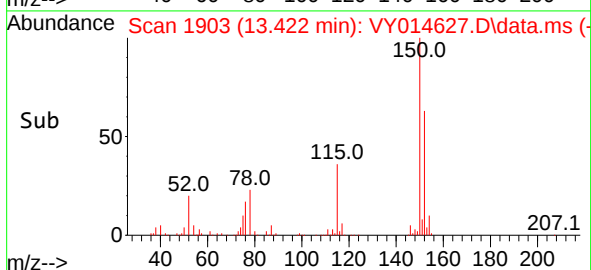
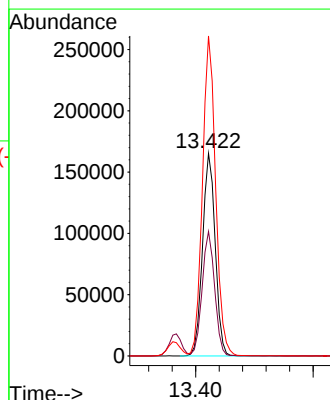
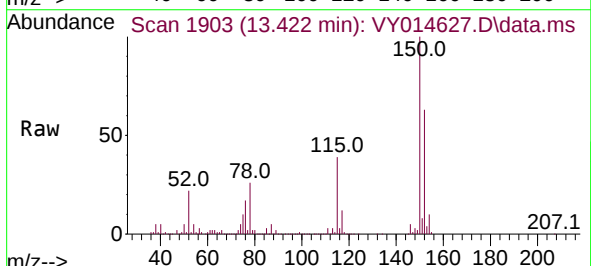
RT: 13.422 min Scan# 1903

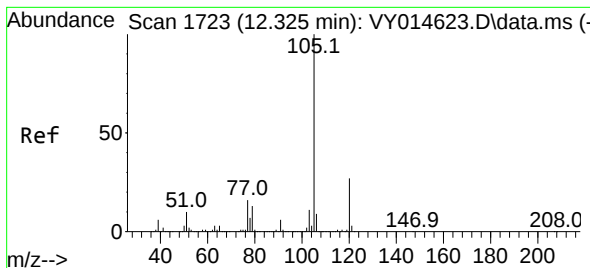
Delta R.T. -0.000 min

Lab File: VY014627.D

Acq: 13 Jul 2023 13:31

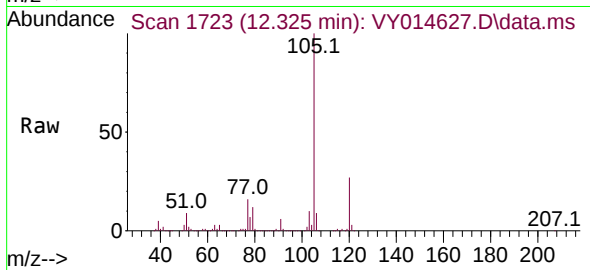
Tgt Ion:	152	Resp:	248140
Ion Ratio	Lower	Upper	
152	100		
115	60.3	28.8	86.5
150	163.9	0.0	348.8





#73
Isopropylbenzene
Concen: 19.812 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VY014627.D
Acq: 13 Jul 2023 13:31

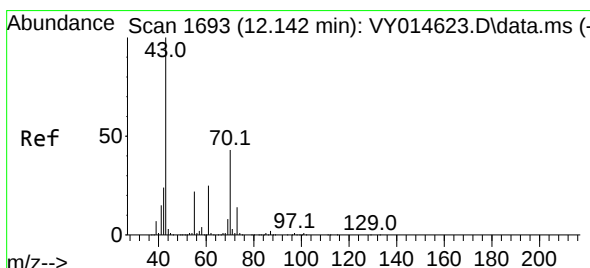
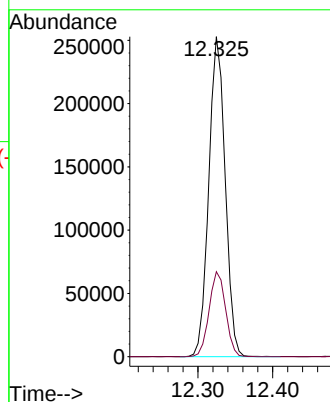
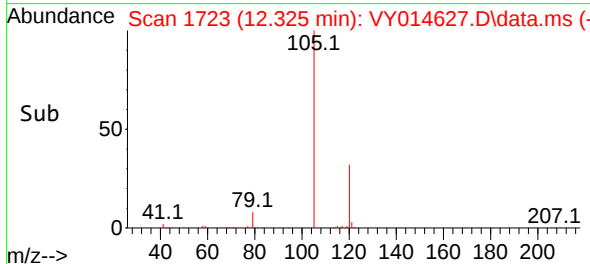
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



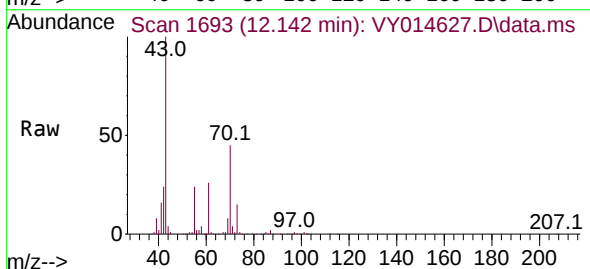
Tgt Ion:105 Resp: 38494
Ion Ratio Lower Upper
105 100
120 26.7 13.3 39.9

Manual Integrations
APPROVED

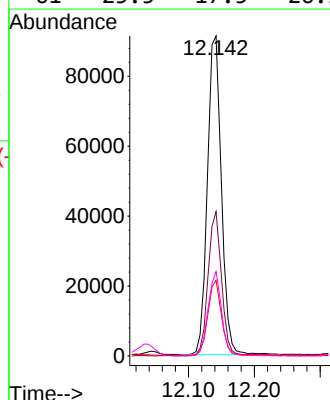
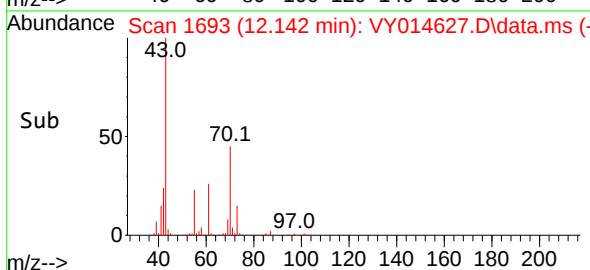
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

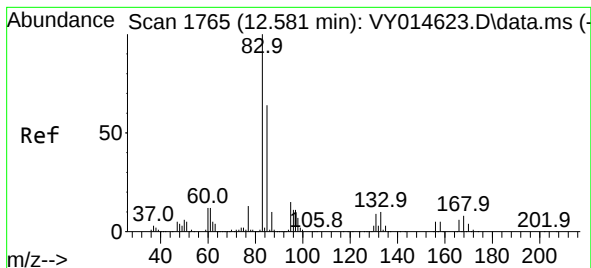


#74
N-ethyl acetate
Concen: 20.835 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY014627.D
Acq: 13 Jul 2023 13:31



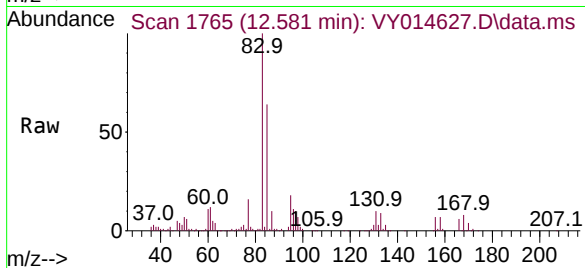
Tgt Ion: 43 Resp: 135582
Ion Ratio Lower Upper
43 100
70 43.0 29.7 44.5
55 22.5 18.3 27.5
61 25.5 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 20.884 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY014627.D
Acq: 13 Jul 2023 13:31

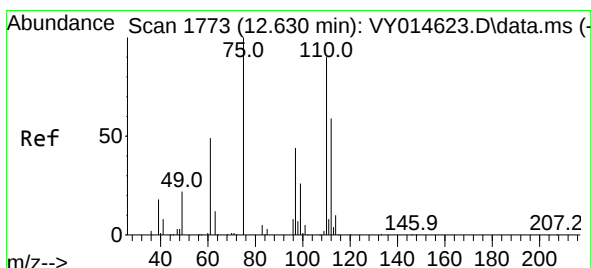
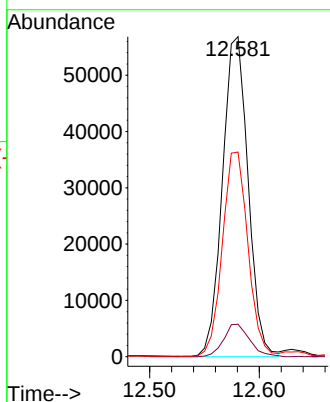
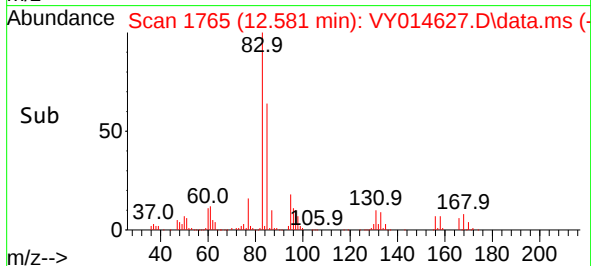
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



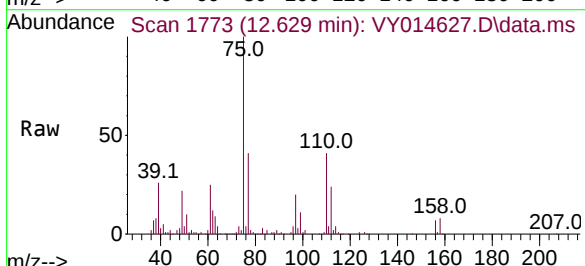
Tgt Ion: 83 Resp: 9253
Ion Ratio Lower Upper
83 100
131 10.3 5.4 16.2
85 63.5 31.8 95.4

Manual Integrations
APPROVED

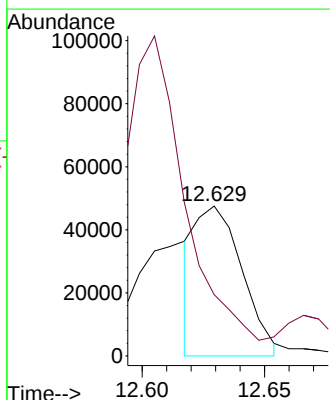
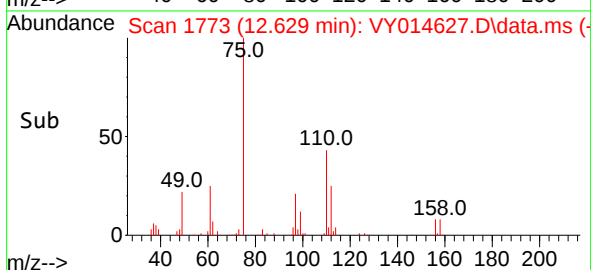
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

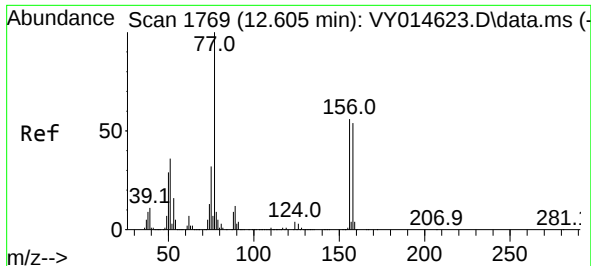


#76
1,2,3-Trichloropropane
Concen: 19.956 ug/l m
RT: 12.629 min Scan# 1773
Delta R.T. -0.001 min
Lab File: VY014627.D
Acq: 13 Jul 2023 13:31



Tgt Ion: 75 Resp: 63372
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





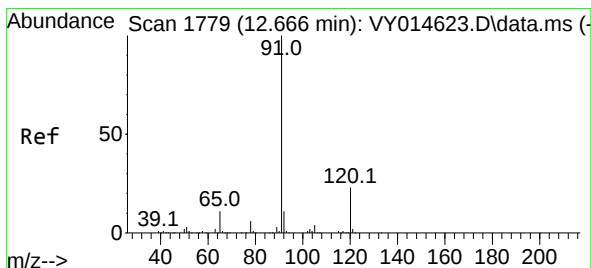
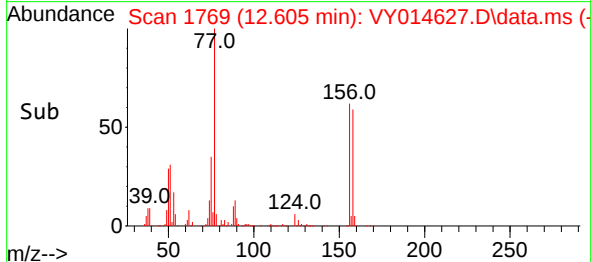
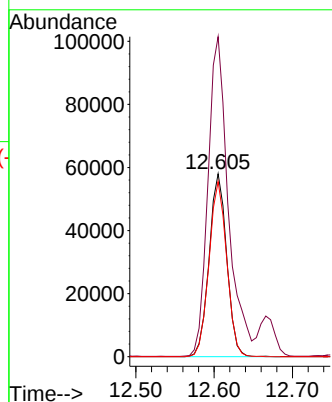
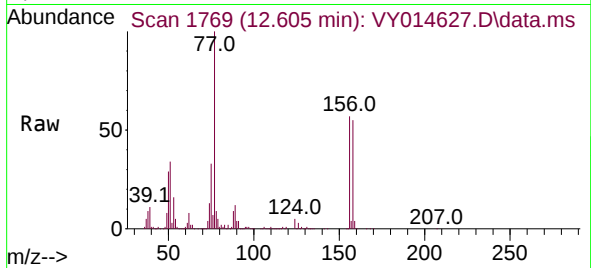
#77
Bromobenzene
Concen: 20.404 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY014627.D
Acq: 13 Jul 2023 13:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:156 Resp: 90490
Ion Ratio Lower Upper
156 100
77 201.6 92.8 278.6
158 96.2 48.4 145.3

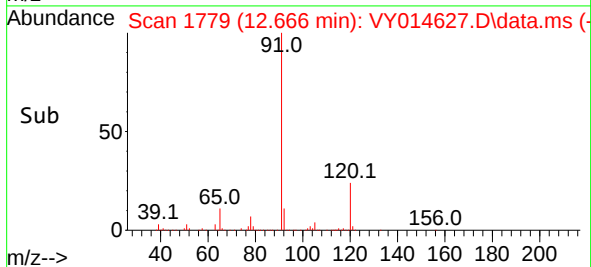
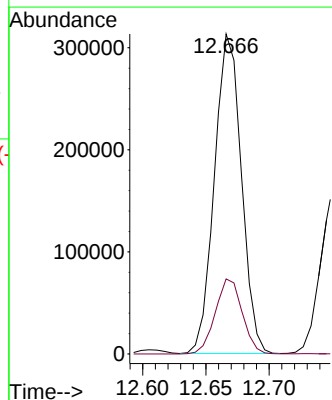
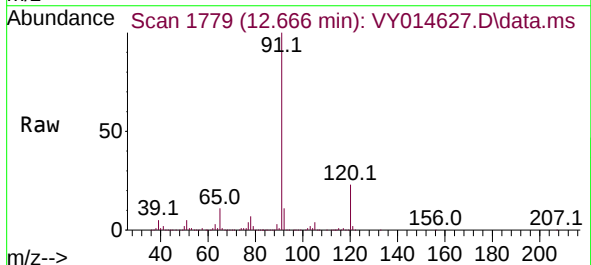
Manual Integrations
APPROVED

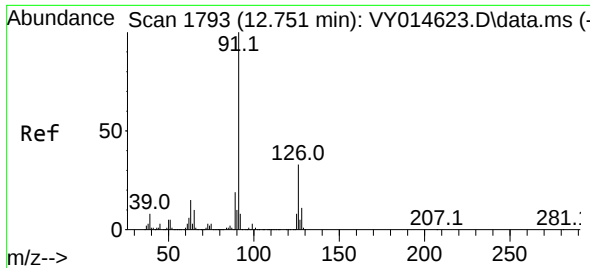
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#78
n-propylbenzene
Concen: 19.791 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VY014627.D
Acq: 13 Jul 2023 13:31

Tgt Ion: 91 Resp: 463351
Ion Ratio Lower Upper
91 100
120 23.5 11.5 34.4





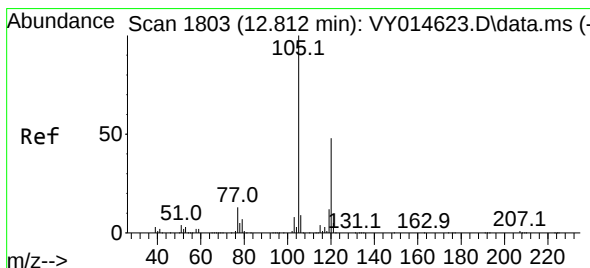
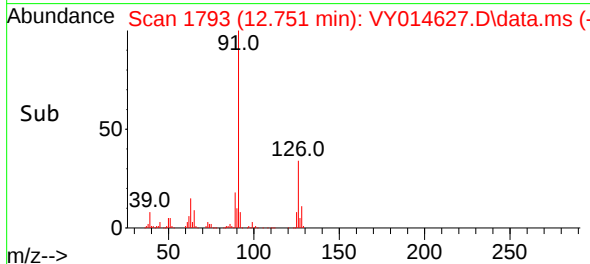
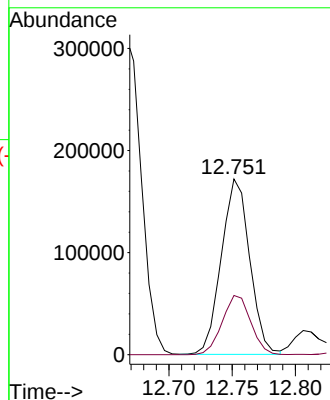
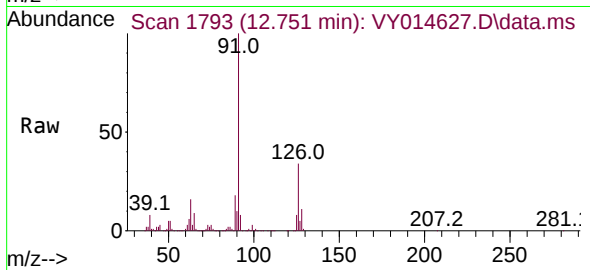
#79
2-Chlorotoluene
Concen: 19.906 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VY014627.D
Acq: 13 Jul 2023 13:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 268440
Ion Ratio Lower Upper
91 100
126 34.0 17.3 51.7

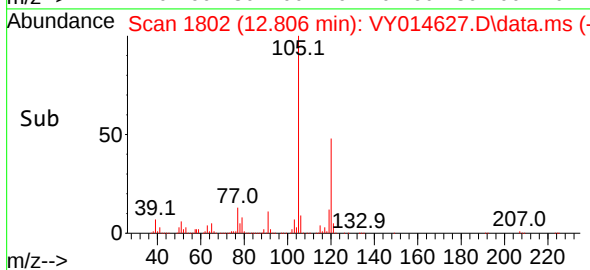
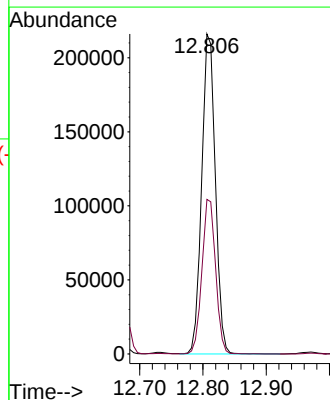
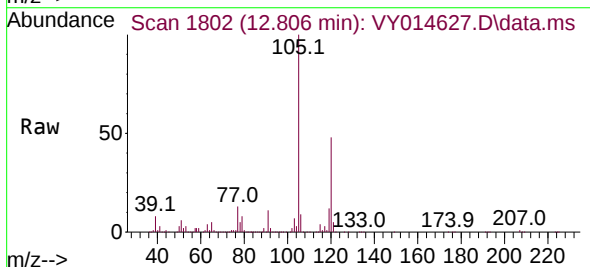
Manual Integrations
APPROVED

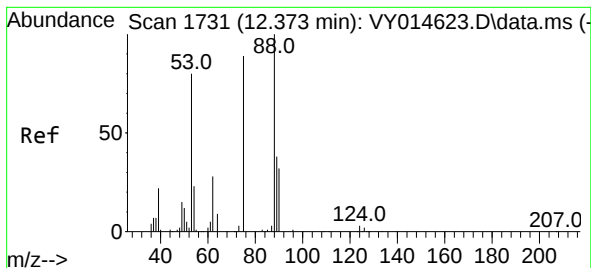
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#80
1,3,5-Trimethylbenzene
Concen: 20.012 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY014627.D
Acq: 13 Jul 2023 13:31

Tgt Ion:105 Resp: 324719
Ion Ratio Lower Upper
105 100
120 48.5 23.9 71.7





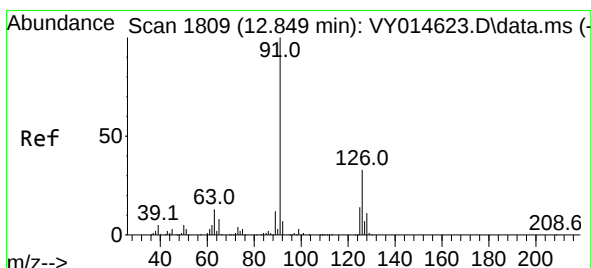
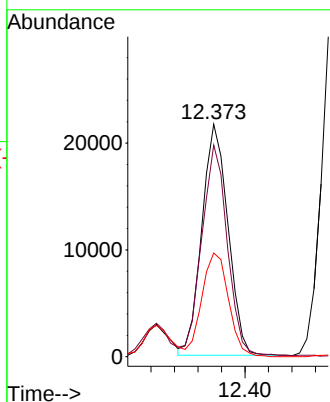
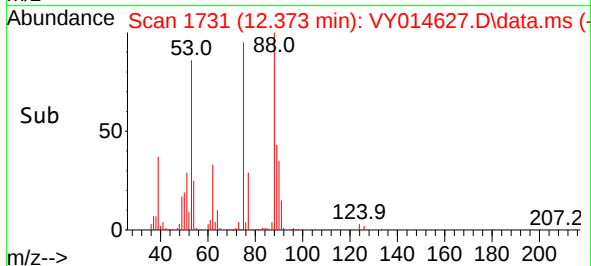
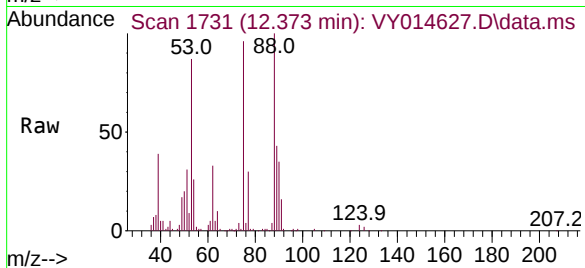
#81
trans-1,4-Dichloro-2-butene
Concen: 20.663 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY014627.D
Acq: 13 Jul 2023 13:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 75 Resp: 33440
Ion Ratio Lower Upper
75 100
53 89.2 77.8 116.8
89 45.8 37.4 56.0

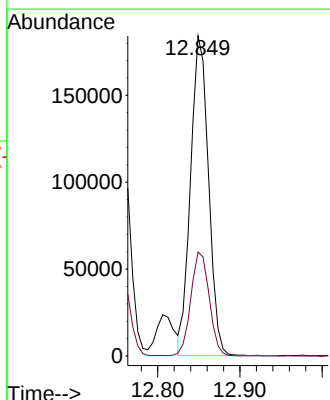
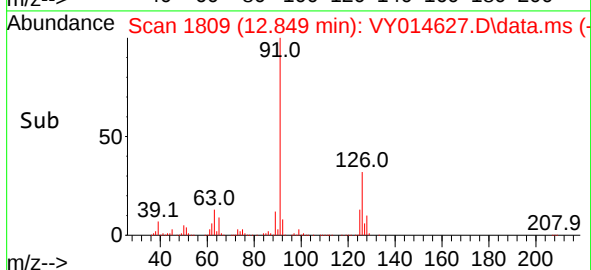
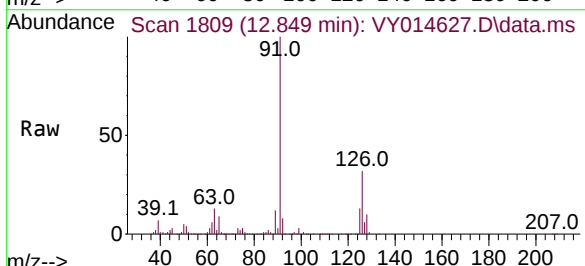
Manual Integrations
APPROVED

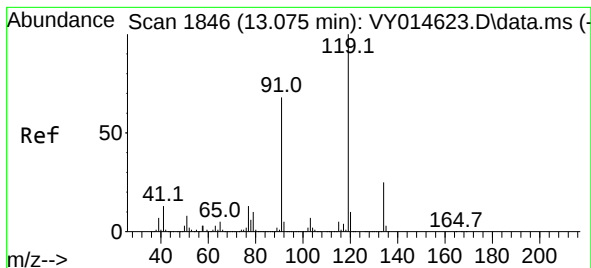
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#82
4-Chlorotoluene
Concen: 20.099 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.000 min
Lab File: VY014627.D
Acq: 13 Jul 2023 13:31

Tgt Ion: 91 Resp: 279148
Ion Ratio Lower Upper
91 100
126 33.4 17.2 51.6





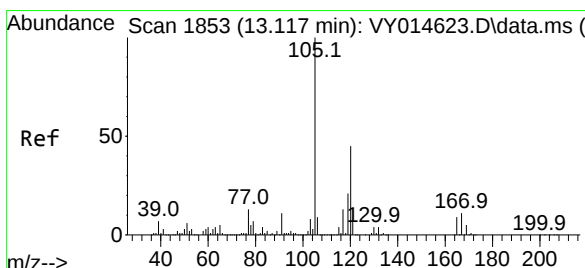
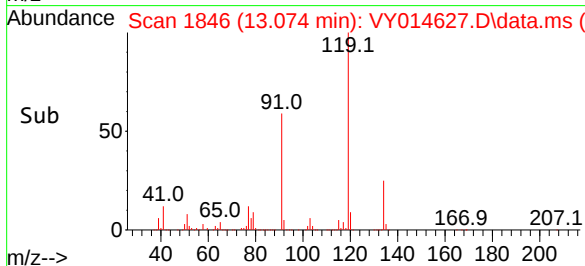
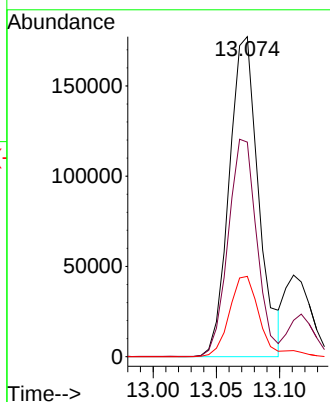
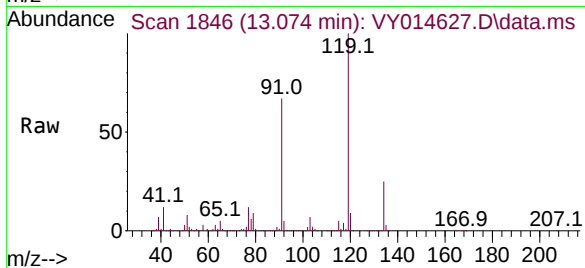
#83
tert-Butylbenzene
Concen: 19.916 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.001 min
Lab File: VY014627.D
Acq: 13 Jul 2023 13:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:119 Resp: 286669
Ion Ratio Lower Upper
119 100
91 66.2 32.9 98.6
134 26.1 13.0 38.9

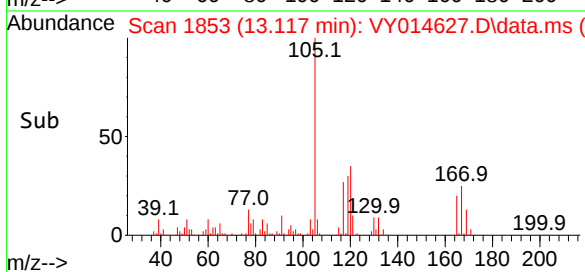
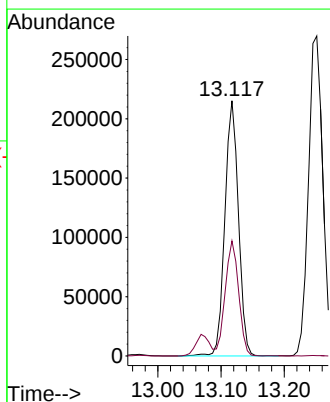
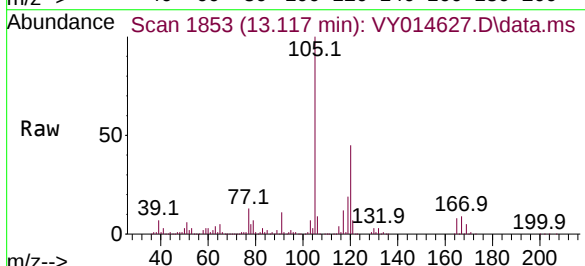
Manual Integrations
APPROVED

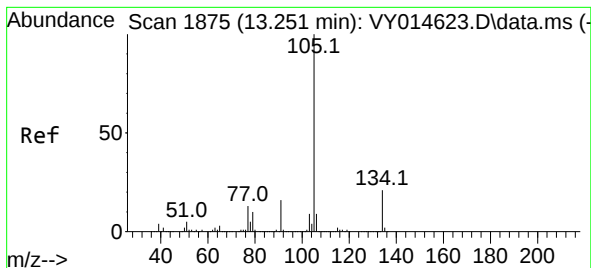
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#84
1,2,4-Trimethylbenzene
Concen: 20.096 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY014627.D
Acq: 13 Jul 2023 13:31

Tgt Ion:105 Resp: 320020
Ion Ratio Lower Upper
105 100
120 44.9 22.2 66.6





#85

sec-Butylbenzene

Concen: 20.042 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY014627.D

Acq: 13 Jul 2023 13:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion:105 Resp: 42319

Ion Ratio Lower Upper

105 100

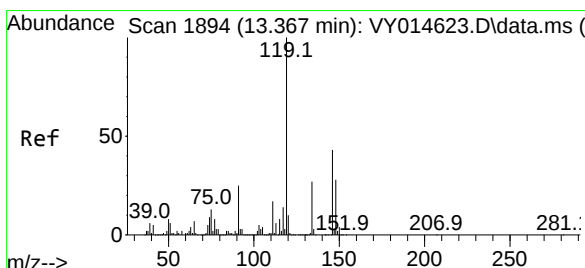
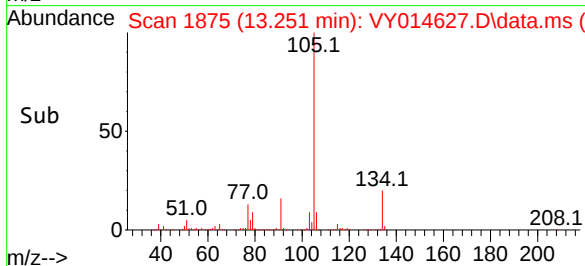
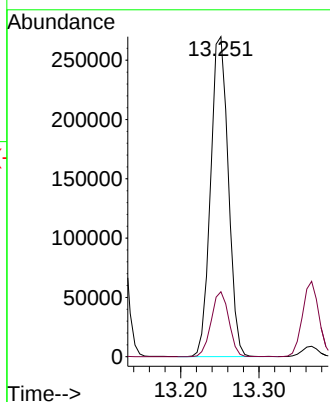
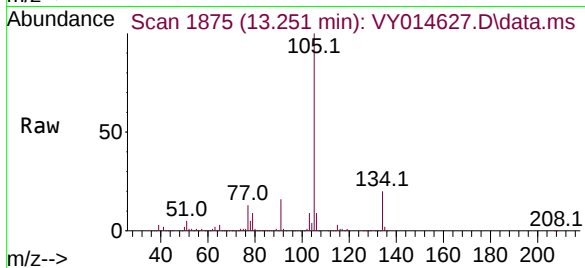
134 20.3 10.2 30.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Mahesh Dadoda 07/14/2023



#86

p-Isopropyltoluene

Concen: 20.301 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY014627.D

Acq: 13 Jul 2023 13:31

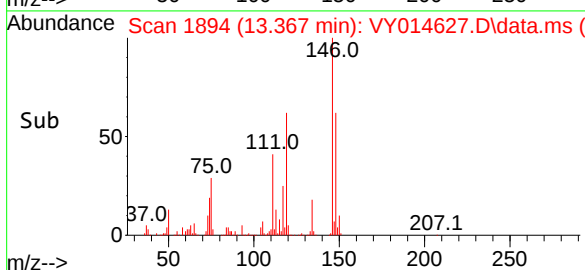
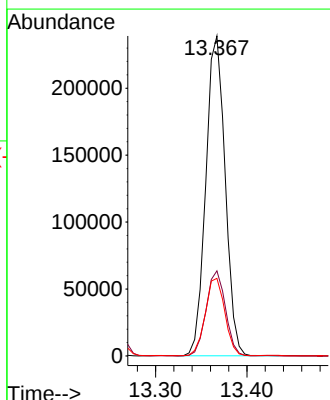
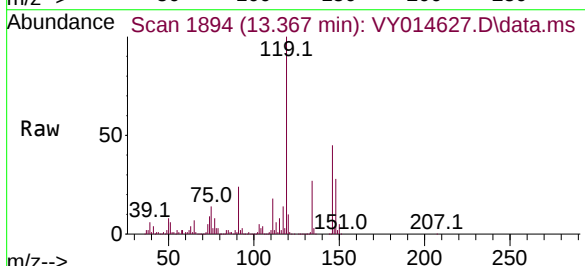
Tgt Ion:119 Resp: 349989

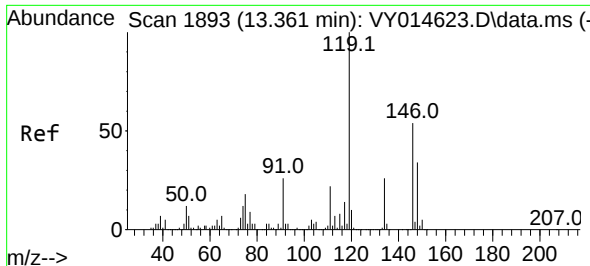
Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.8

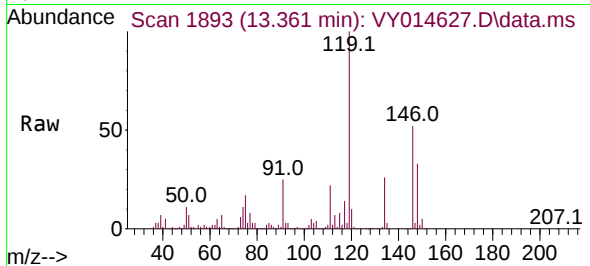
91 24.4 12.4 37.4





#87
1,3-Dichlorobenzene
Concen: 20.604 ug/l
RT: 13.361 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VY014627.D
Acq: 13 Jul 2023 13:31

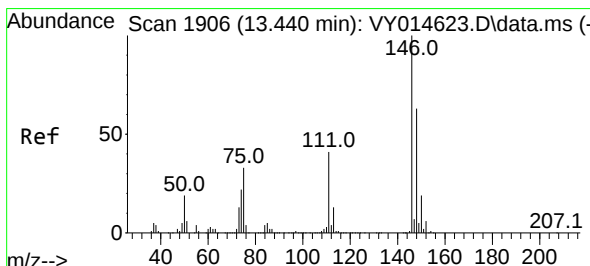
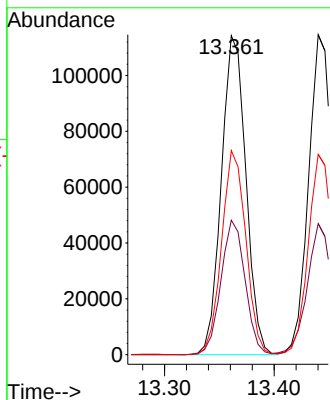
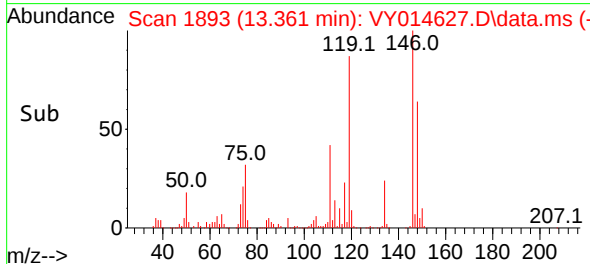
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



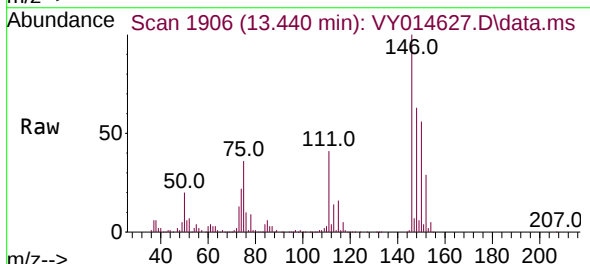
Tgt Ion:146 Resp: 177848
Ion Ratio Lower Upper
146 100
111 41.5 19.4 58.2
148 63.2 31.9 95.5

Manual Integrations
APPROVED

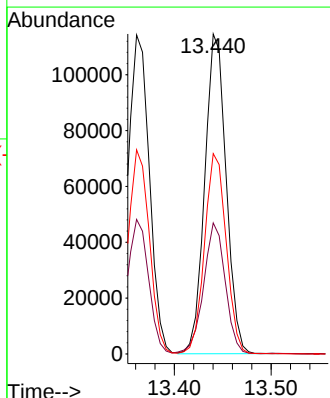
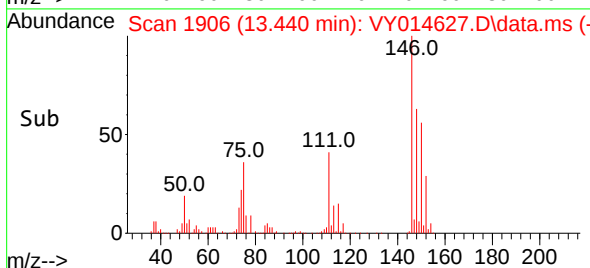
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

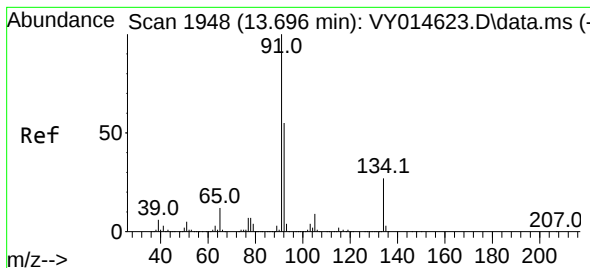


#88
1,4-Dichlorobenzene
Concen: 20.392 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.000 min
Lab File: VY014627.D
Acq: 13 Jul 2023 13:31



Tgt Ion:146 Resp: 176391
Ion Ratio Lower Upper
146 100
111 41.3 18.9 56.7
148 63.6 32.1 96.5





#89

n-Butylbenzene

Concen: 19.933 ug/l

RT: 13.690 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY014627.D

Acq: 13 Jul 2023 13:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

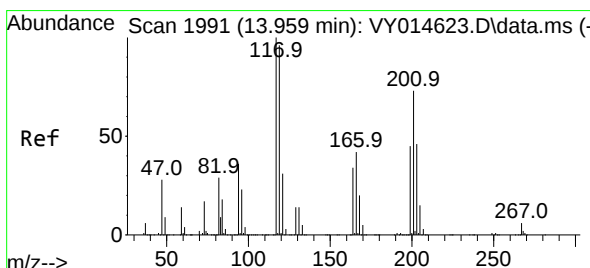
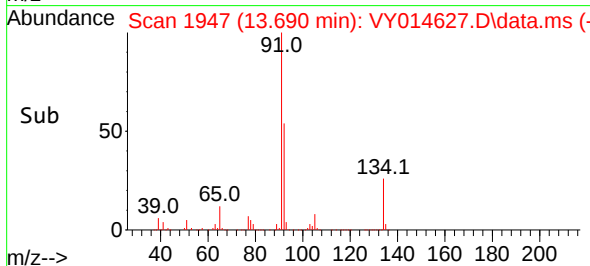
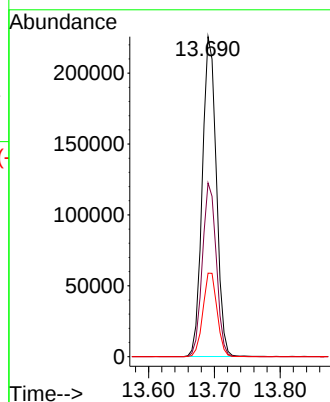
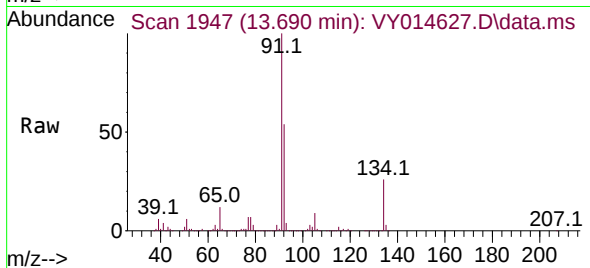
Tgt Ion: 91 Resp: 334330
 Ion Ratio Lower Upper
 91 100
 92 54.0 25.4 76.0
 134 26.4 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Mahesh Dadoda 07/14/2023



#90

Hexachloroethane

Concen: 20.100 ug/l

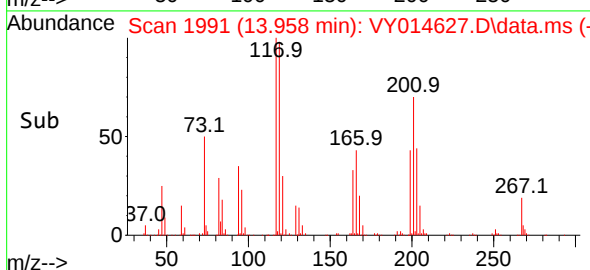
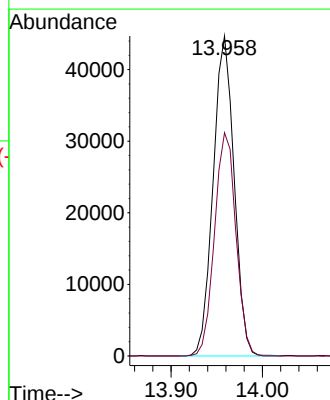
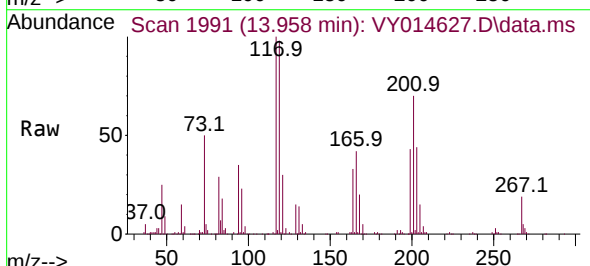
RT: 13.958 min Scan# 1991

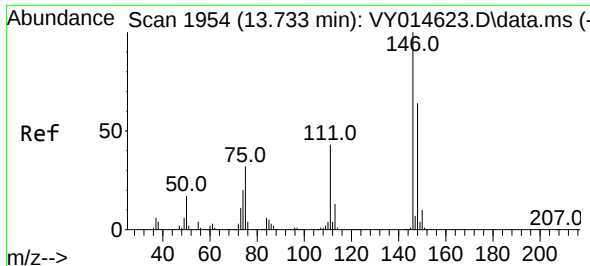
Delta R.T. -0.001 min

Lab File: VY014627.D

Acq: 13 Jul 2023 13:31

Tgt Ion:117 Resp: 71176
 Ion Ratio Lower Upper
 117 100
 201 71.2 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 20.545 ug/l

RT: 13.739 min Scan# 1954

Delta R.T. 0.006 min

Lab File: VY014627.D

Acq: 13 Jul 2023 13:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion:146 Resp: 16247

Ion Ratio Lower Upper

146 100

111 42.4 19.7 59.0

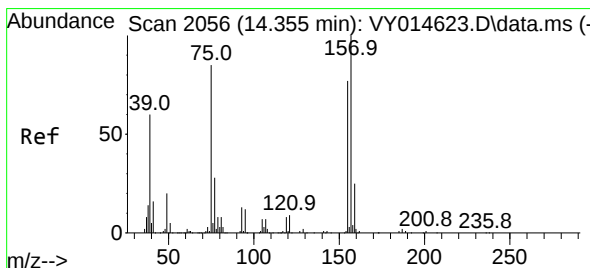
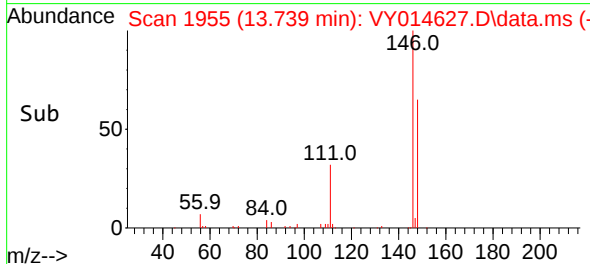
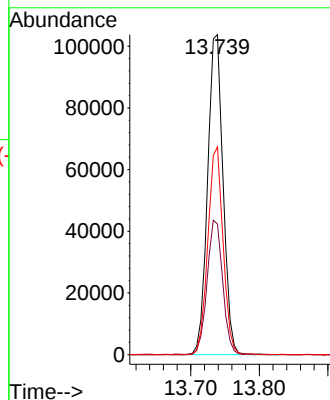
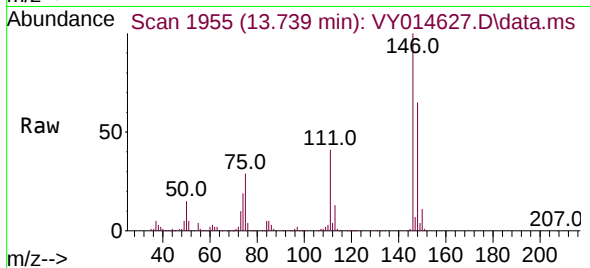
148 63.9 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Mahesh Dadoda 07/14/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.276 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY014627.D

Acq: 13 Jul 2023 13:31

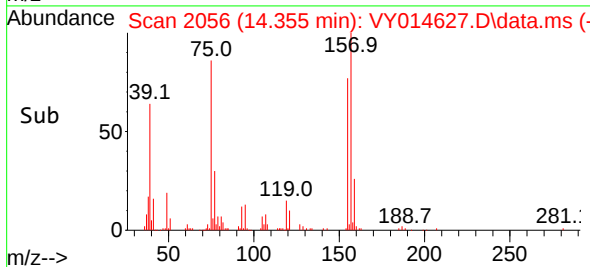
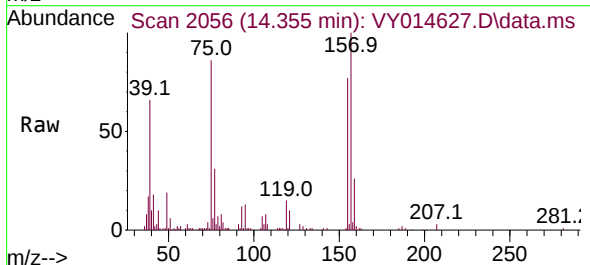
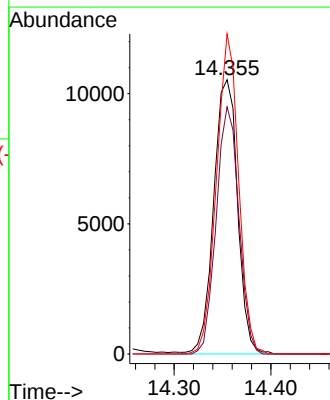
Tgt Ion: 75 Resp: 18028

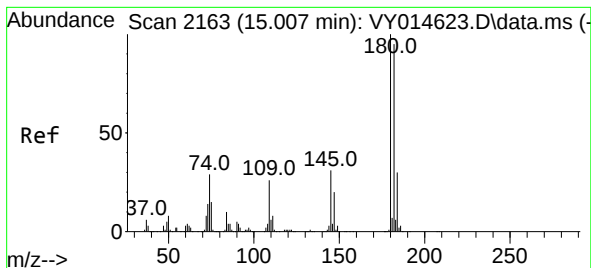
Ion Ratio Lower Upper

75 100

155 85.2 41.5 124.6

157 108.0 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 20.645 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY014627.D

Acq: 13 Jul 2023 13:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion:180 Resp: 10364

Ion Ratio Lower Upper

180 100

182 94.7 47.0 141.2

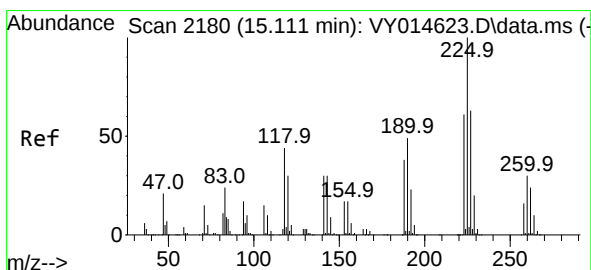
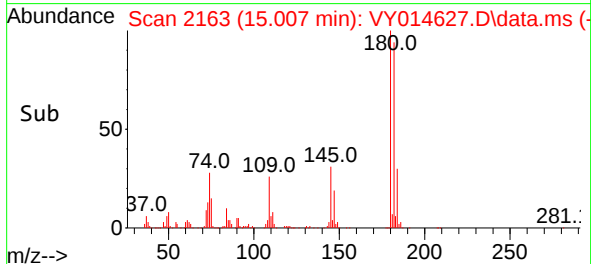
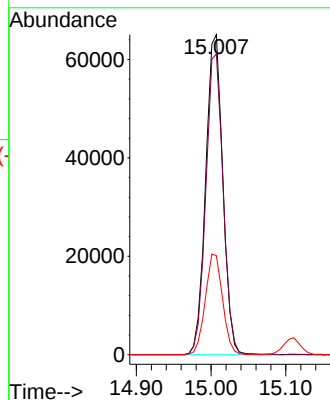
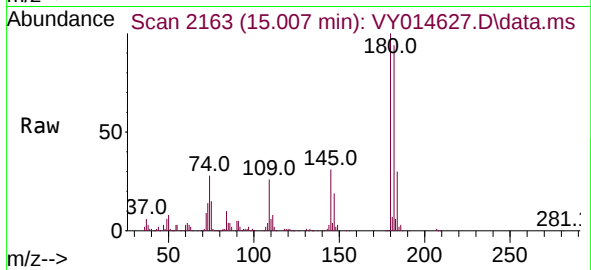
145 31.8 14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Mahesh Dadoda 07/14/2023



#94

Hexachlorobutadiene

Concen: 20.130 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY014627.D

Acq: 13 Jul 2023 13:31

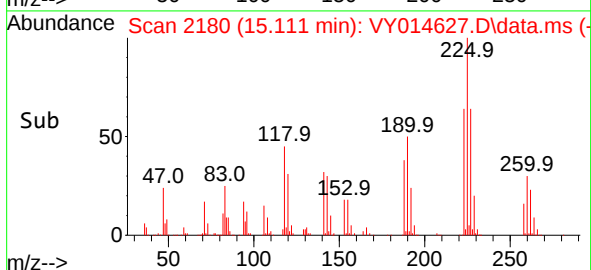
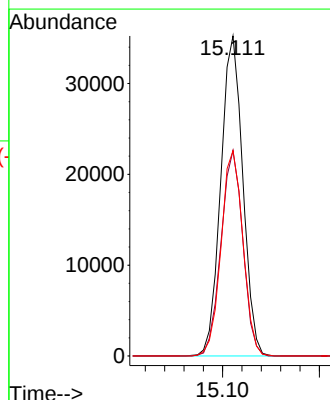
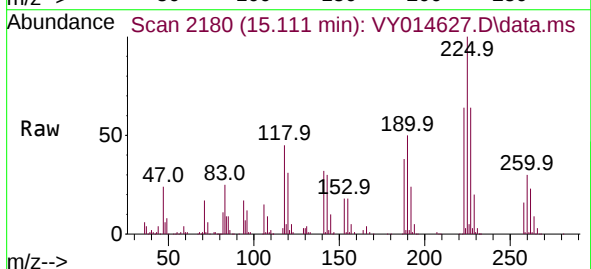
Tgt Ion:225 Resp: 55533

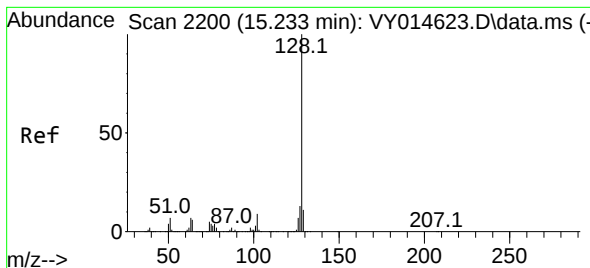
Ion Ratio Lower Upper

225 100

223 63.5 31.9 95.9

227 63.7 33.0 98.9





#95

Naphthalene

Concen: 21.256 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY014627.D

Acq: 13 Jul 2023 13:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion:128 Resp: 248614

Ion Ratio Lower Upper

128 100

127 12.6 10.8 16.2

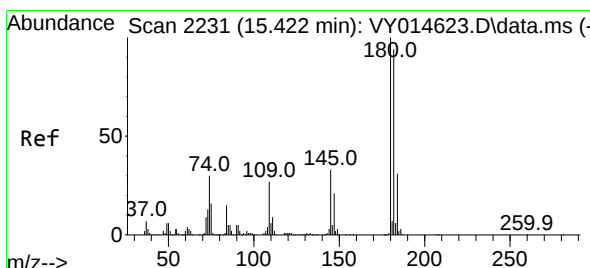
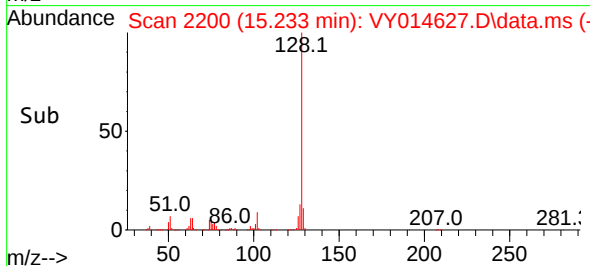
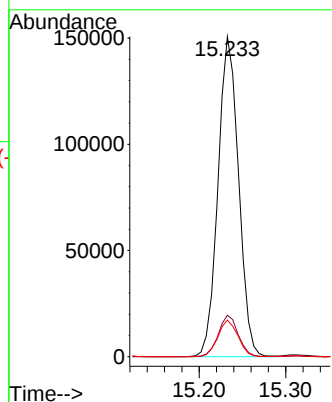
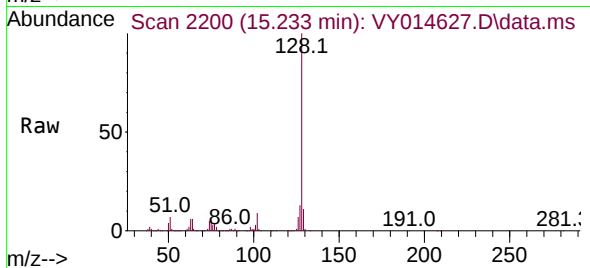
129 11.1 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Mahesh Dadoda 07/14/2023



#96

1,2,3-Trichlorobenzene

Concen: 20.947 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY014627.D

Acq: 13 Jul 2023 13:31

Tgt Ion:180 Resp: 93460

Ion Ratio Lower Upper

180 100

182 94.7 47.3 141.8

145 32.8 15.4 46.2

