

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071323\
 Data File : VY014620.D
 Acq On : 13 Jul 2023 09:05
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

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

Quant Time: Jul 14 01:59:18 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	352580	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	581157	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	506463	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	244875	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	20648	5.139	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	10.280%#		
35) Dibromofluoromethane	7.710	113	18602	5.028	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	10.060%#		
50) Toluene-d8	10.179	98	71932	5.274	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	10.540%#		
62) 4-Bromofluorobenzene	12.477	95	28239	5.400	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	10.800%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	16437	5.722	ug/l	92
3) Chloromethane	2.107	50	17907	5.546	ug/l	99
4) Vinyl Chloride	2.247	62	19318	5.353	ug/l	94
5) Bromomethane	2.644	94	12736	5.340	ug/l	100
6) Chloroethane	2.790	64	11926	5.291	ug/l	93
7) Trichlorofluoromethane	3.119	101	30924	5.102	ug/l	98
8) Diethyl Ether	3.528	74	11237	4.983	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.887	101	19030	5.123	ug/l	96
10) Methyl Iodide	4.082	142	12571	5.410	ug/l	93
11) Tert butyl alcohol	4.942	59	28023	21.628	ug/l	99
12) 1,1-Dichloroethene	3.863	96	17414	5.016	ug/l	93
13) Acrolein	3.723	56	9515	22.658	ug/l	97
14) Allyl chloride	4.466	41	32204	5.224	ug/l	91
15) Acrylonitrile	5.155	53	29667	23.857	ug/l	97
16) Acetone	3.948	43	31245	24.541	ug/l	99
17) Carbon Disulfide	4.186	76	54541	5.487	ug/l	97
18) Methyl Acetate	4.472	43	22987	4.705	ug/l	92
19) Methyl tert-butyl Ether	5.216	73	55038	4.880	ug/l	95
20) Methylene Chloride	4.704	84	30952	3.561	ug/l	88
21) trans-1,2-Dichloroethene	5.216	96	20451	5.190	ug/l	98
22) Diisopropyl ether	6.112	45	61765	4.928	ug/l	92
23) Vinyl Acetate	6.051	43	182990	24.397	ug/l #	94
24) 1,1-Dichloroethane	6.009	63	35907	5.007	ug/l #	98
25) 2-Butanone	6.984	43	45964	24.677	ug/l	96
26) 2,2-Dichloropropane	6.978	77	36245	5.303	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	23550	5.135	ug/l	100
28) Bromochloromethane	7.326	49	16293	5.275	ug/l	97
29) Tetrahydrofuran	7.344	42	27890	24.317	ug/l	94
30) Chloroform	7.496	83	37834	5.116	ug/l	95
31) Cyclohexane	7.777	56	40079	6.009	ug/l #	78
32) 1,1,1-Trichloroethane	7.697	97	34138	5.129	ug/l	97
36) 1,1-Dichloropropene	7.917	75	28049	5.070	ug/l	96
37) Ethyl Acetate	7.063	43	18888	4.959	ug/l #	96
38) Carbon Tetrachloride	7.899	117	29383	5.024	ug/l	97
39) Methylcyclohexane	9.179	83	38179	5.297	ug/l	97
40) Benzene	8.155	78	80151	5.094	ug/l	100

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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

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 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	7.313	41	10790m	5.357	ug/l	
42) 1,2-Dichloroethane	8.234	62	24005	4.818	ug/l	92
43) Isopropyl Acetate	8.271	43	34659	4.777	ug/l	95
44) Trichloroethene	8.935	130	22443	5.098	ug/l	97
45) 1,2-Dichloropropane	9.216	63	20593	5.012	ug/l	98
46) Dibromomethane	9.301	93	12525	5.025	ug/l	92
47) Bromodichloromethane	9.496	83	28925	4.924	ug/l	98
48) Methyl methacrylate	9.289	41	15391	4.714	ug/l	90
49) 1,4-Dioxane	9.295	88	3801	93.522	ug/l #	23
51) 4-Methyl-2-Pentanone	10.069	43	91473	24.010	ug/l	93
52) Toluene	10.240	92	50956	5.061	ug/l	94
53) t-1,3-Dichloropropene	10.459	75	31770	4.944	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	35040	5.014	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	17271	4.974	ug/l	97
56) Ethyl methacrylate	10.508	69	25112	4.737	ug/l	92
57) 1,3-Dichloropropane	10.788	76	29810	4.978	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.776	63	64678	26.185	ug/l	93
59) 2-Hexanone	10.831	43	65095	23.430	ug/l	90
60) Dibromochloromethane	10.983	129	20972	4.927	ug/l	99
61) 1,2-Dibromoethane	11.087	107	17023	4.915	ug/l	99
64) Tetrachloroethene	10.715	164	21701	5.328	ug/l	95
65) Chlorobenzene	11.514	112	54836	5.081	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	20358	5.003	ug/l	96
67) Ethyl Benzene	11.593	91	100287	5.147	ug/l	97
68) m/p-Xylenes	11.697	106	75998	10.217	ug/l	96
69) o-Xylene	12.026	106	37469	5.172	ug/l	96
70) Styrene	12.044	104	62041	5.081	ug/l	97
71) Bromoform	12.203	173	13181	4.779	ug/l #	100
73) Isopropylbenzene	12.331	105	98210	5.122	ug/l	100
74) N-amyl acetate	12.142	43	29298	4.562	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	21443	4.904	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	15542m	4.960	ug/l	
77) Bromobenzene	12.605	156	21554	4.925	ug/l	91
78) n-propylbenzene	12.672	91	116920	5.060	ug/l	99
79) 2-Chlorotoluene	12.751	91	66893	5.027	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	81264	5.075	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	7707	4.825	ug/l	89
82) 4-Chlorotoluene	12.849	91	68453	4.994	ug/l	99
83) tert-Butylbenzene	13.075	119	71423	5.028	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	80086	5.096	ug/l	100
85) sec-Butylbenzene	13.251	105	105449	5.061	ug/l	99
86) p-Isopropyltoluene	13.367	119	85279	5.013	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	42841	5.029	ug/l	97
88) 1,4-Dichlorobenzene	13.446	146	43258	5.068	ug/l	93
89) n-Butylbenzene	13.696	91	82970	5.013	ug/l	96
90) Hexachloroethane	13.959	117	17520	5.014	ug/l	86
91) 1,2-Dichlorobenzene	13.739	146	38358	4.915	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4072	4.870	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	23087	4.660	ug/l	97
94) Hexachlorobutadiene	15.111	225	13291	4.882	ug/l	98
95) Naphthalene	15.233	128	51742	4.483	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	20285	4.607	ug/l	97

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Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

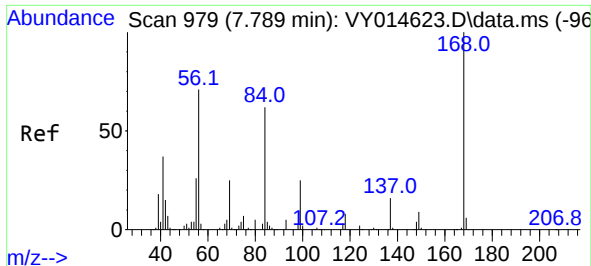
Manual Integrations
APPROVED

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

Quant Time: Jul 14 01:59:18 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

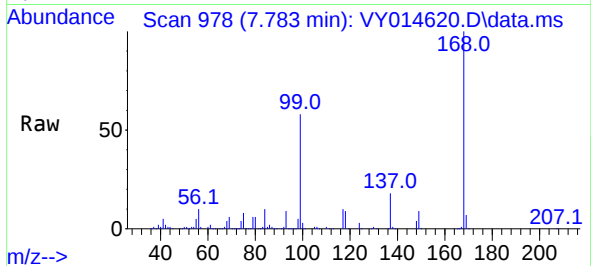
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014620.D
Acq: 13 Jul 2023 09:05

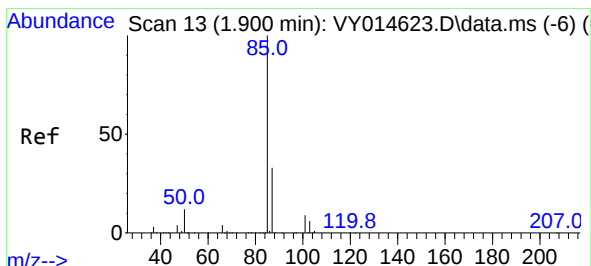
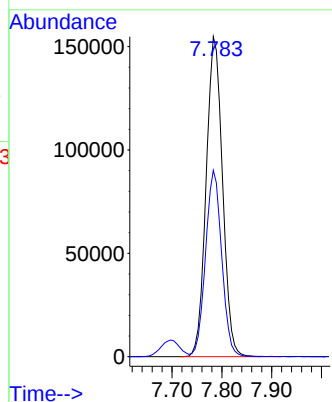
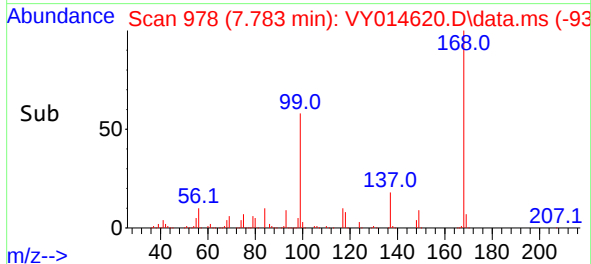
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion:168 Resp: 352580
Ion Ratio Lower Upper
168 100
99 58.2 43.4 65.0

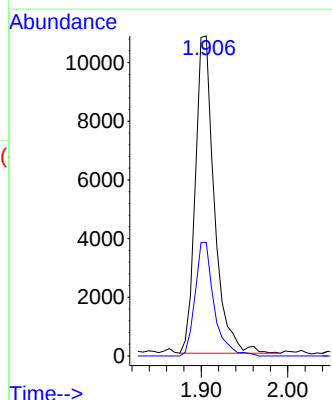
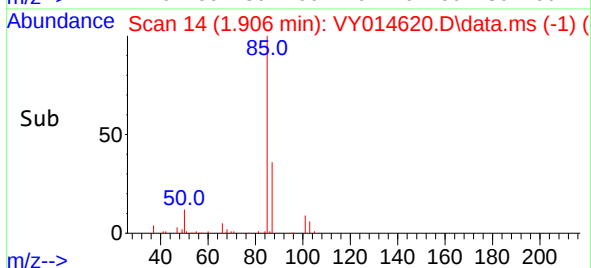
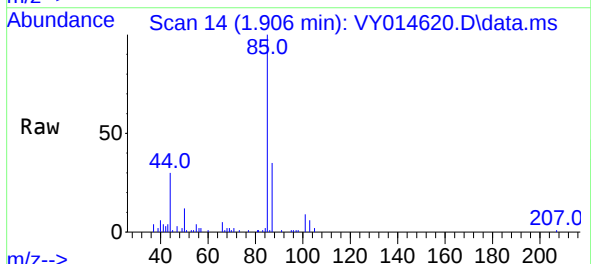
Manual Integrations
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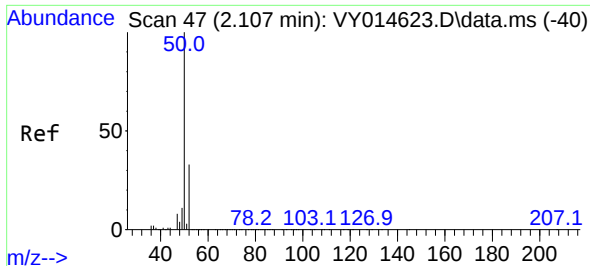
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#2
Dichlorodifluoromethane
Concen: 5.722 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY014620.D
Acq: 13 Jul 2023 09:05

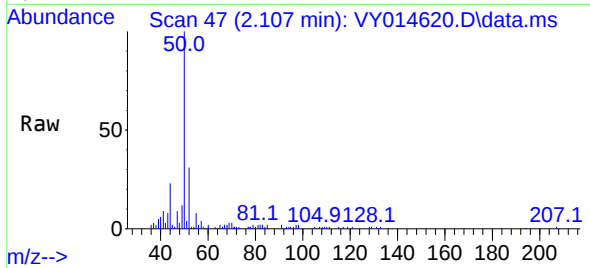
Tgt Ion: 85 Resp: 16437
Ion Ratio Lower Upper
85 100
87 35.7 15.6 46.8





#3
Chloromethane
Concen: 5.546 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY014620.D
Acq: 13 Jul 2023 09:05

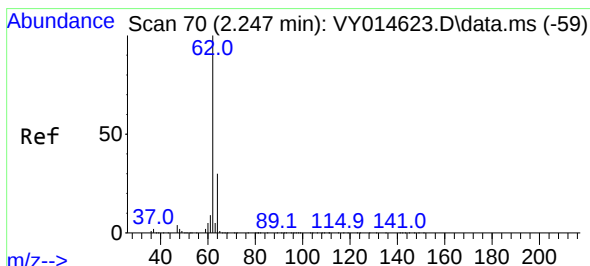
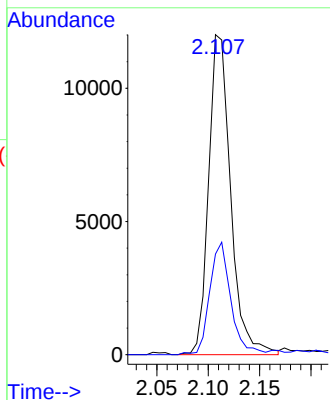
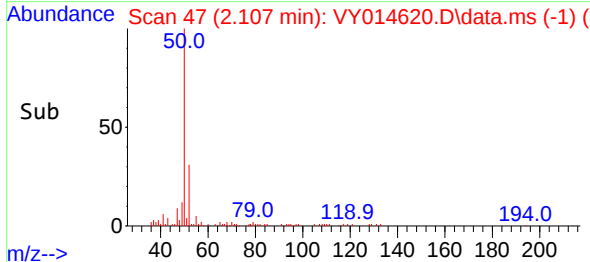
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



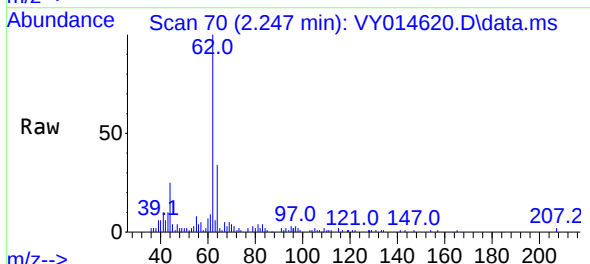
Tgt Ion: 50 Resp: 1790
Ion Ratio Lower Upper
50 100
52 31.4 25.4 38.2

Manual Integrations
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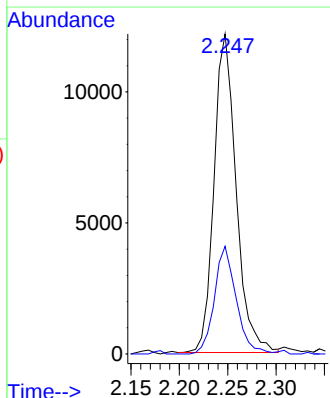
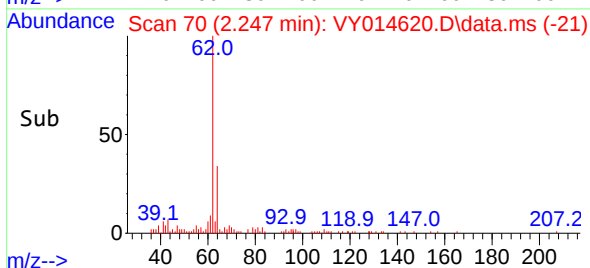
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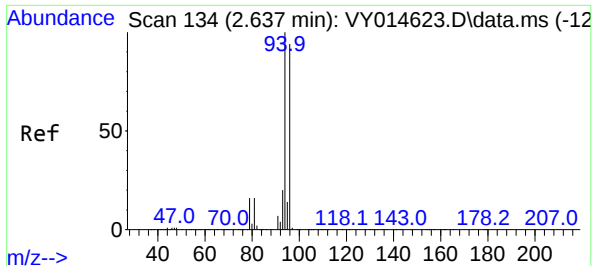


#4
Vinyl Chloride
Concen: 5.353 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY014620.D
Acq: 13 Jul 2023 09:05



Tgt Ion: 62 Resp: 19318
Ion Ratio Lower Upper
62 100
64 33.8 24.3 36.5





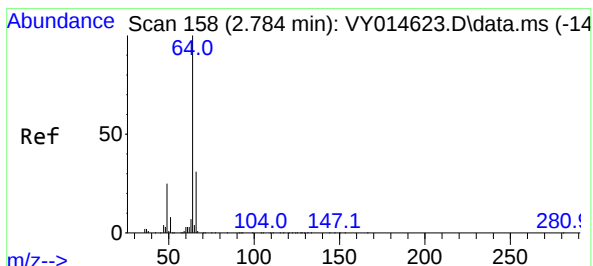
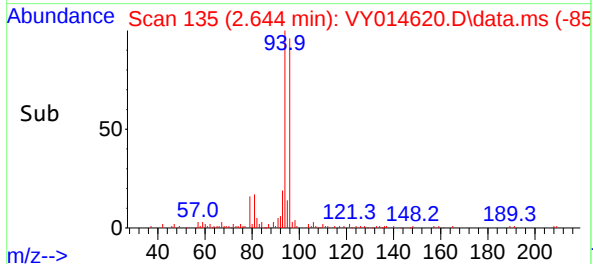
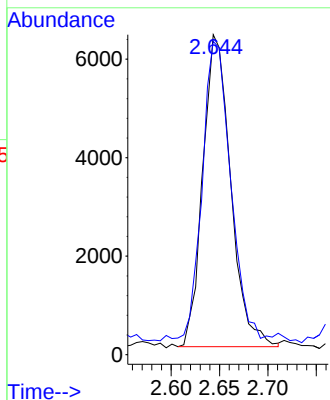
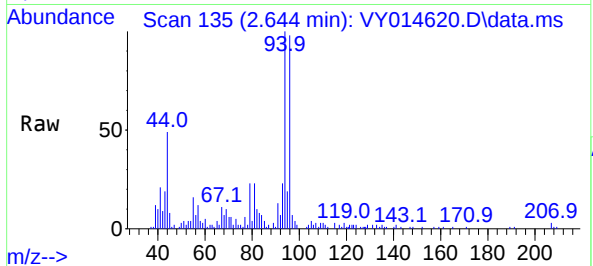
#5
Bromomethane
Concen: 5.340 ug/l
RT: 2.644 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY014620.D
Acq: 13 Jul 2023 09:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 94 Resp: 12730
Ion Ratio Lower Upper
94 100
96 95.0 75.8 113.6

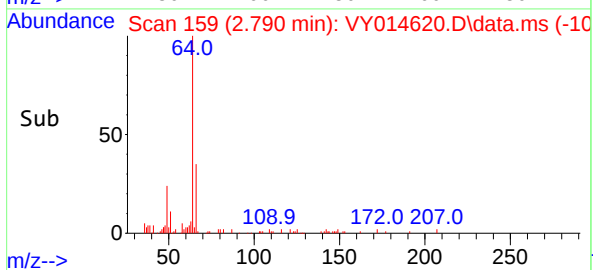
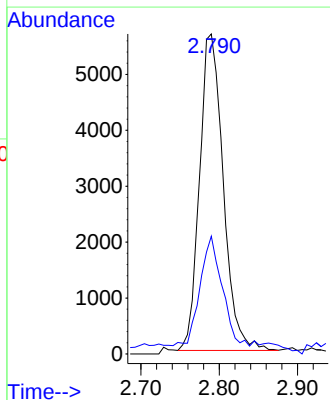
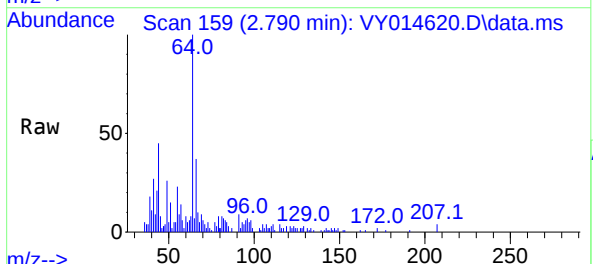
Manual Integrations
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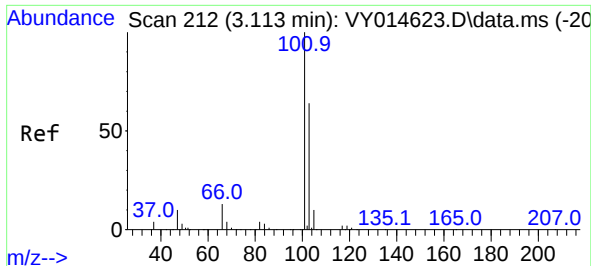
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#6
Chloroethane
Concen: 5.291 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.006 min
Lab File: VY014620.D
Acq: 13 Jul 2023 09:05

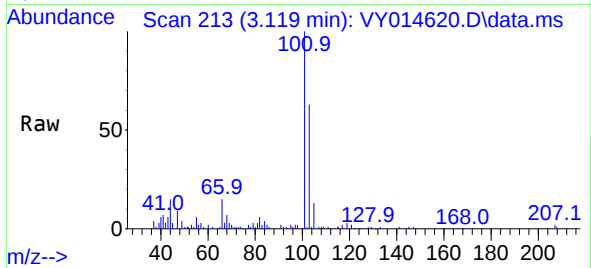
Tgt Ion: 64 Resp: 11926
Ion Ratio Lower Upper
64 100
66 34.4 24.4 36.6





#7
 Trichlorofluoromethane
 Concen: 5.102 ug/l
 RT: 3.119 min Scan# 212
 Delta R.T. 0.006 min
 Lab File: VY014620.D
 Acq: 13 Jul 2023 09:05

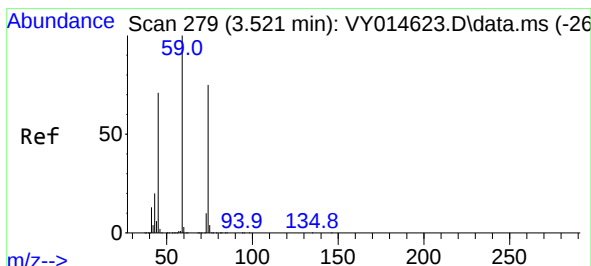
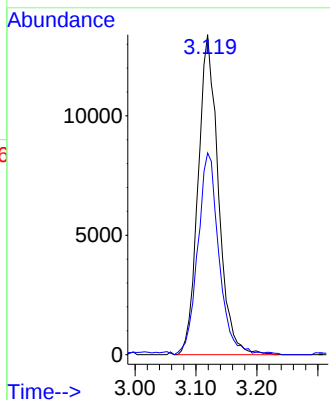
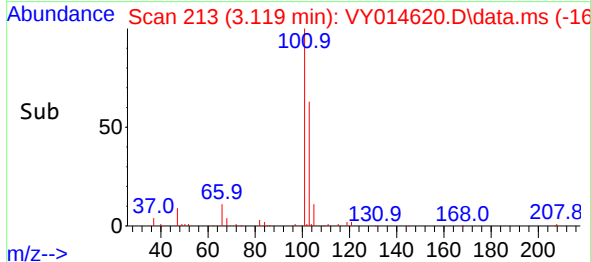
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005



Tgt Ion:101 Resp: 30924
 Ion Ratio Lower Upper
 101 100
 103 62.6 51.4 77.0

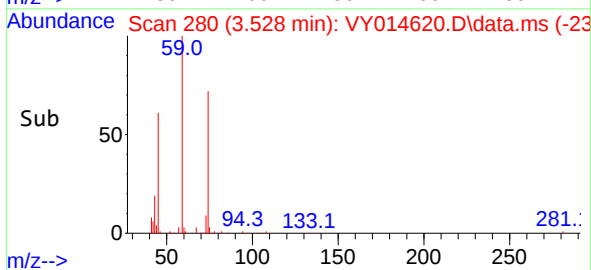
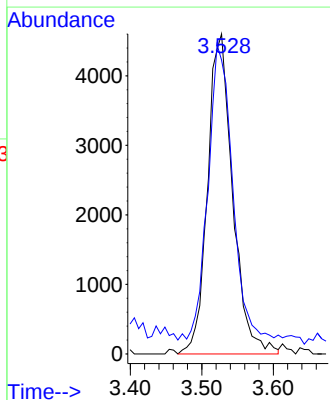
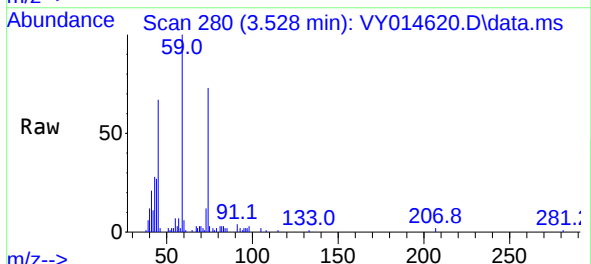
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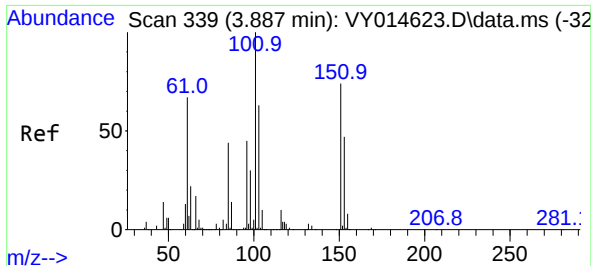
Reviewed By :John Carlone 07/14/2023
 Supervised By :Mahesh Dadoda 07/14/2023



#8
 Diethyl Ether
 Concen: 4.983 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.007 min
 Lab File: VY014620.D
 Acq: 13 Jul 2023 09:05

Tgt Ion: 74 Resp: 11237
 Ion Ratio Lower Upper
 74 100
 45 90.1 51.5 154.5





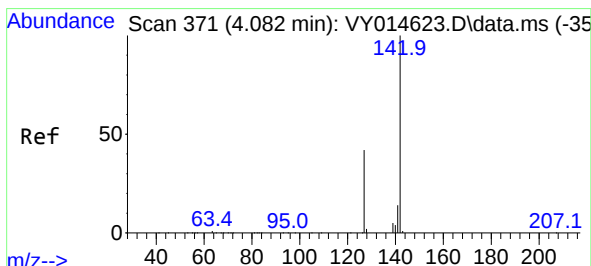
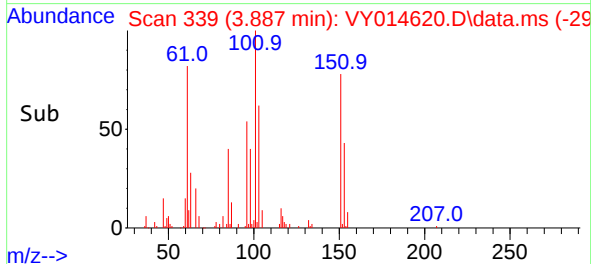
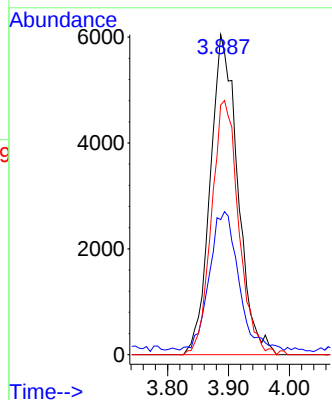
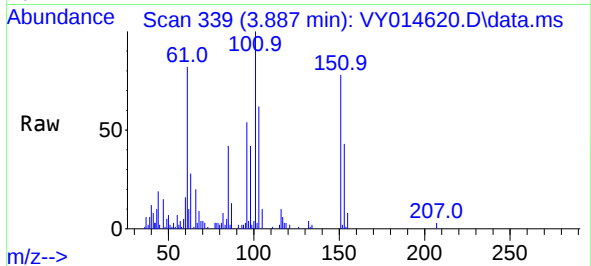
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.123 ug/l
RT: 3.887 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY014620.D
Acq: 13 Jul 2023 09:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:101 Resp: 19030
Ion Ratio Lower Upper
101 100
85 46.3 36.6 55.0
151 78.0 67.0 100.6

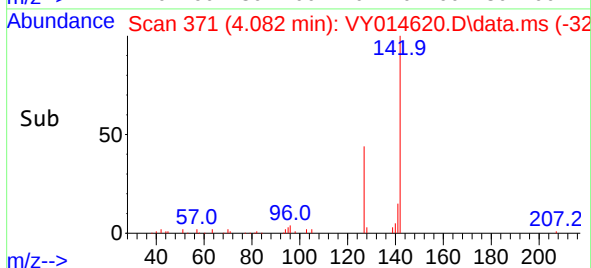
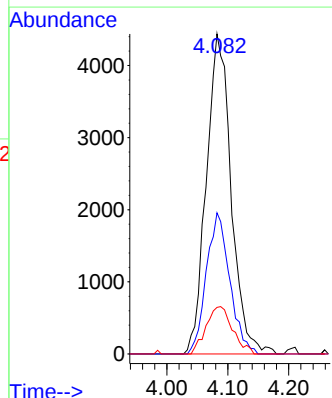
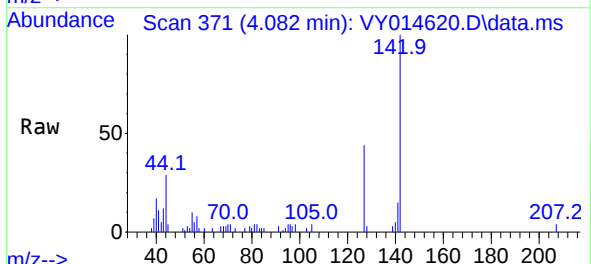
Manual Integrations
APPROVED

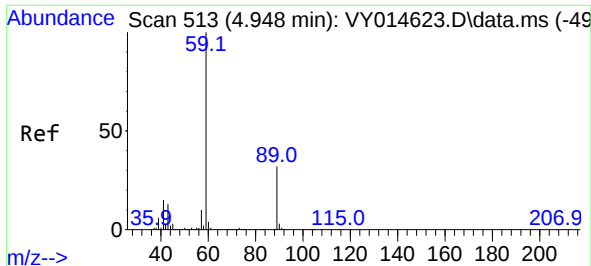
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#10
Methyl Iodide
Concen: 5.410 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY014620.D
Acq: 13 Jul 2023 09:05

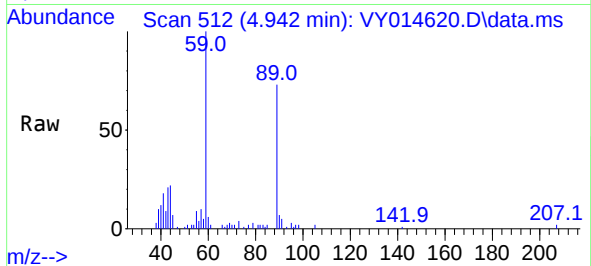
Tgt Ion:142 Resp: 12571
Ion Ratio Lower Upper
142 100
127 41.5 37.6 56.4
141 15.8 11.8 17.8





#11
Tert butyl alcohol
Concen: 21.628 ug/l
RT: 4.942 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY014620.D
Acq: 13 Jul 2023 09:05

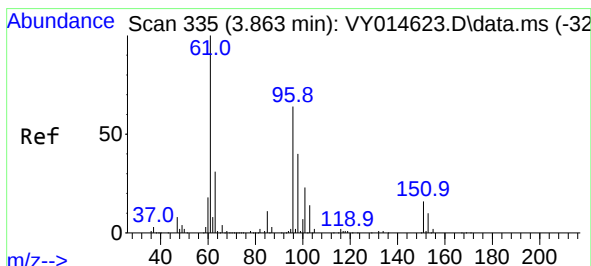
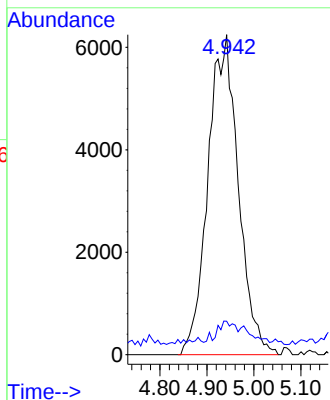
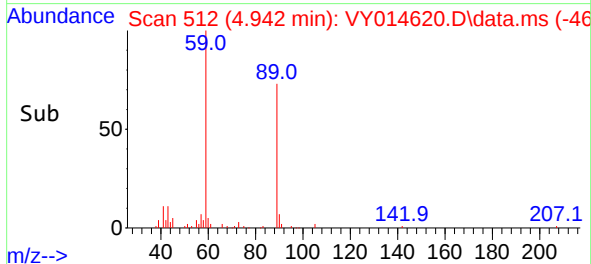
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



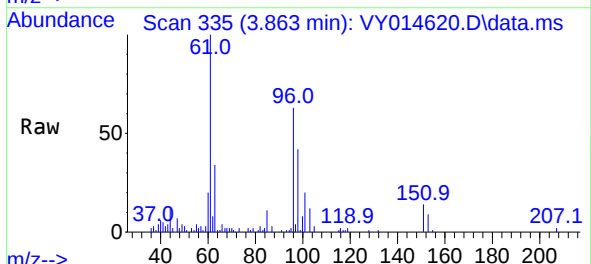
Tgt Ion: 59 Resp: 2802
Ion Ratio Lower Upper
59 100
57 3.9 3.0 4.4

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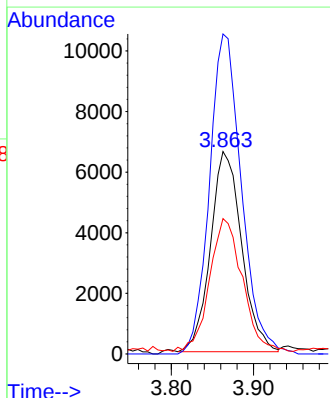
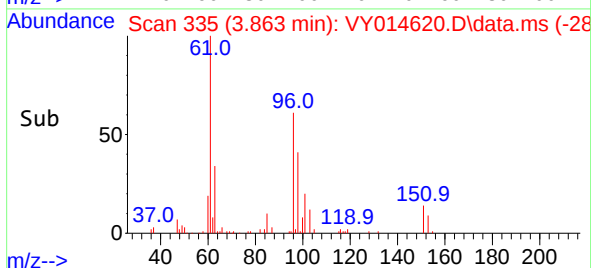
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

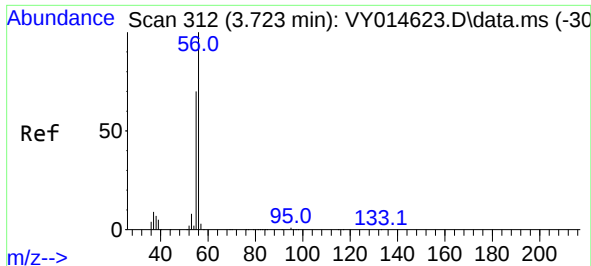


#12
1,1-Dichloroethene
Concen: 5.016 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.000 min
Lab File: VY014620.D
Acq: 13 Jul 2023 09:05



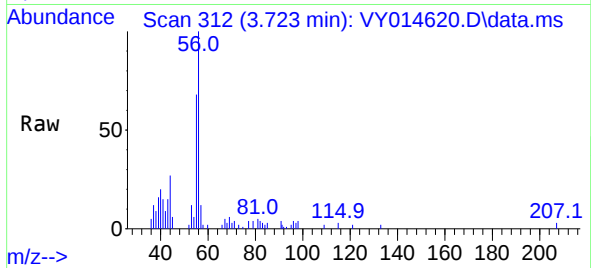
Tgt Ion: 96 Resp: 17414
Ion Ratio Lower Upper
96 100
61 159.8 136.4 204.6
98 65.0 49.4 74.2





#13
Acrolein
Concen: 22.658 ug/l
RT: 3.723 min Scan# 312
Delta R.T. -0.000 min
Lab File: VY014620.D
Acq: 13 Jul 2023 09:05

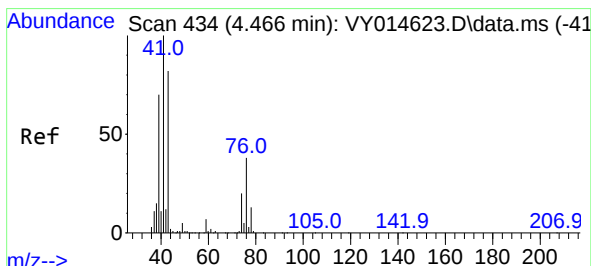
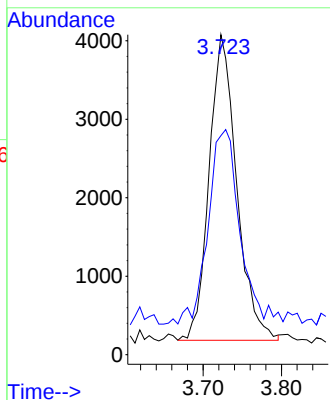
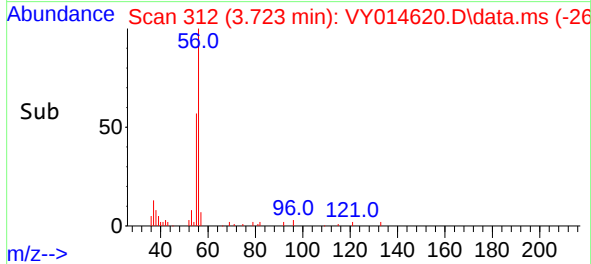
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



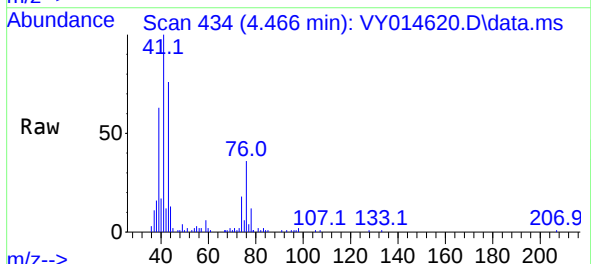
Tgt Ion: 56 Resp: 951
Ion Ratio Lower Upper
56 100
55 73.5 57.0 85.4

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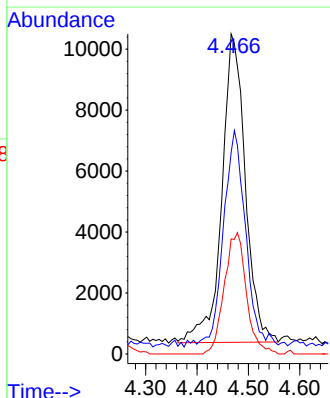
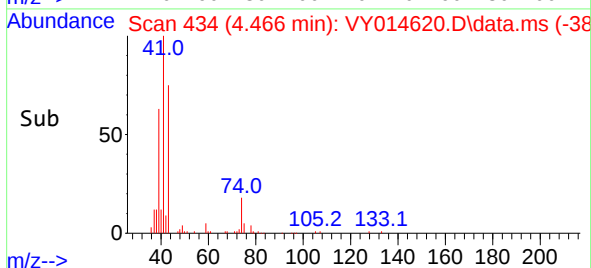
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

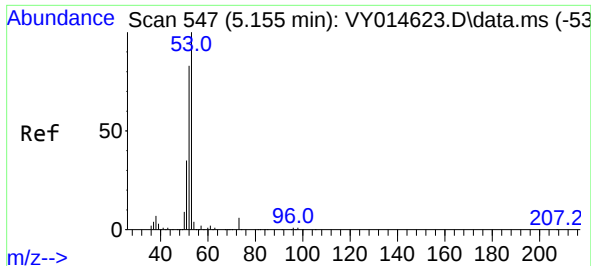


#14
Allyl chloride
Concen: 5.224 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY014620.D
Acq: 13 Jul 2023 09:05



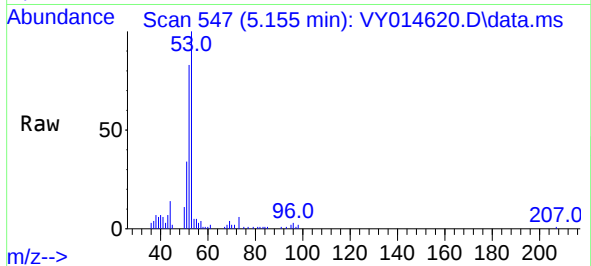
Tgt Ion: 41 Resp: 32204
Ion Ratio Lower Upper
41 100
39 63.8 58.0 87.0
76 36.9 27.4 41.2





#15
Acrylonitrile
Concen: 23.857 ug/l
RT: 5.155 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY014620.D
Acq: 13 Jul 2023 09:05

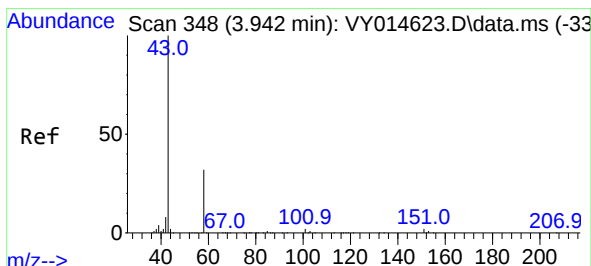
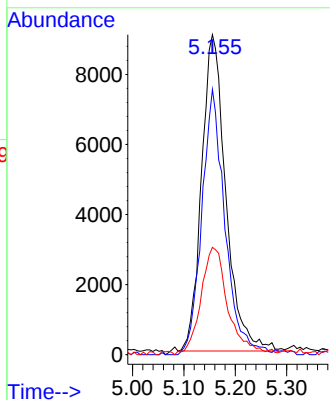
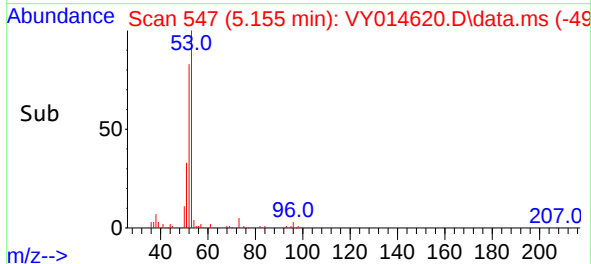
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



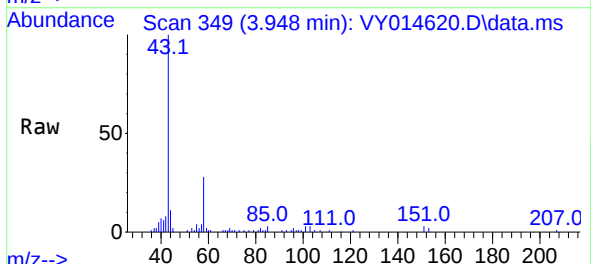
Tgt Ion: 53 Resp: 2966
Ion Ratio Lower Upper
53 100
52 80.0 66.9 100.3
51 37.6 29.8 44.6

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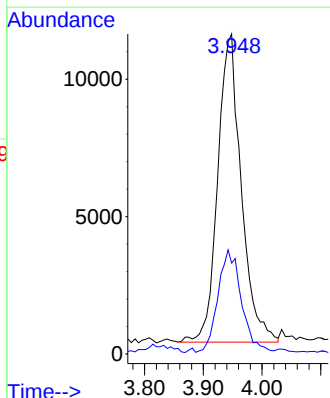
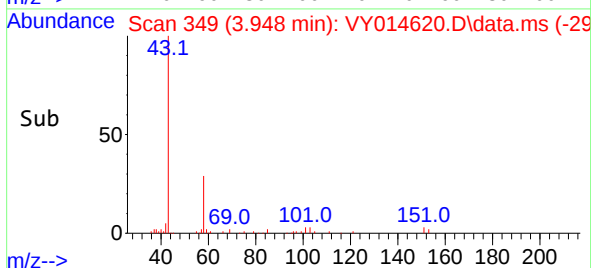
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

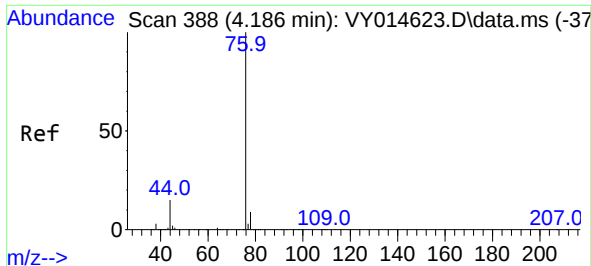


#16
Acetone
Concen: 24.541 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY014620.D
Acq: 13 Jul 2023 09:05



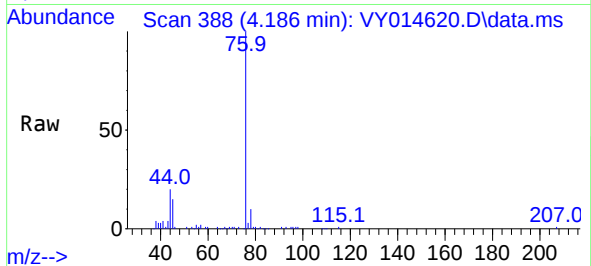
Tgt Ion: 43 Resp: 31245
Ion Ratio Lower Upper
43 100
58 27.9 22.7 34.1





#17
Carbon Disulfide
Concen: 5.487 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY014620.D
Acq: 13 Jul 2023 09:05

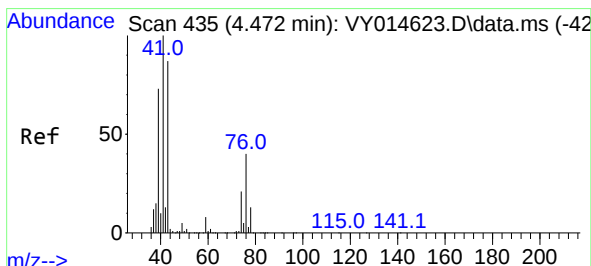
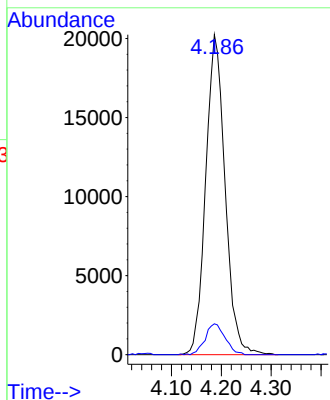
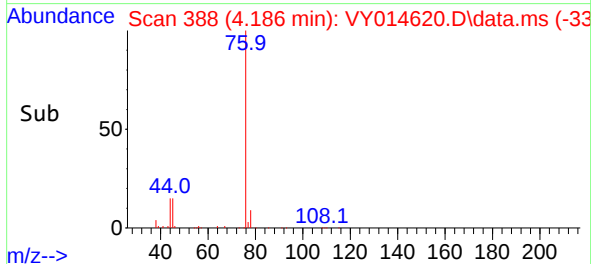
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



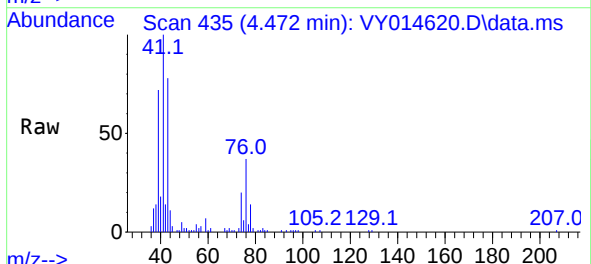
Tgt Ion: 76 Resp: 5454
Ion Ratio Lower Upper
76 100
78 9.7 7.0 10.4

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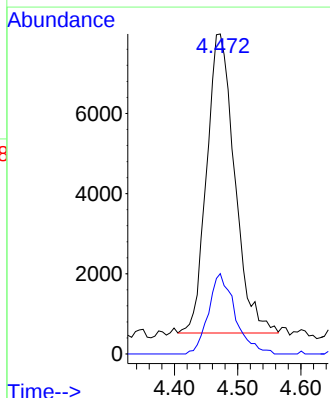
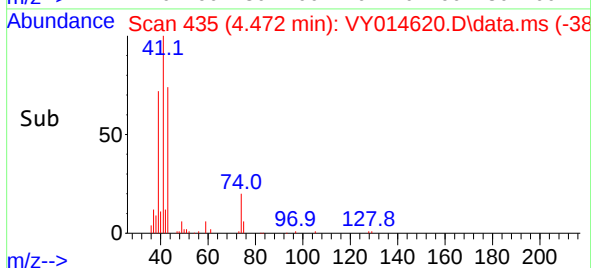
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

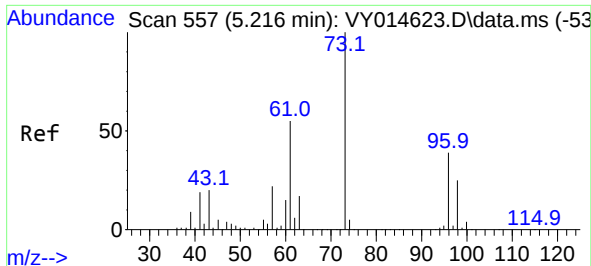


#18
Methyl Acetate
Concen: 4.705 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY014620.D
Acq: 13 Jul 2023 09:05



Tgt Ion: 43 Resp: 22987
Ion Ratio Lower Upper
43 100
74 25.5 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 4.880 ug/l

RT: 5.216 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY014620.D

Acq: 13 Jul 2023 09:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 73 Resp: 55038

Ion Ratio Lower Upper

73 100

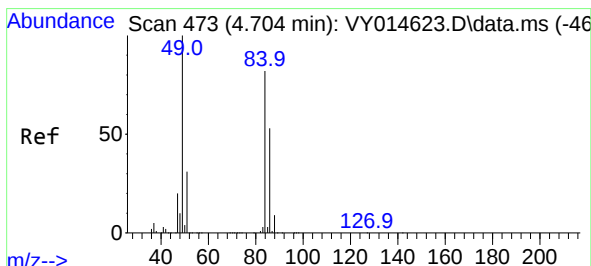
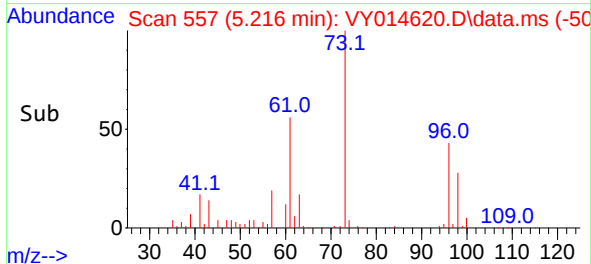
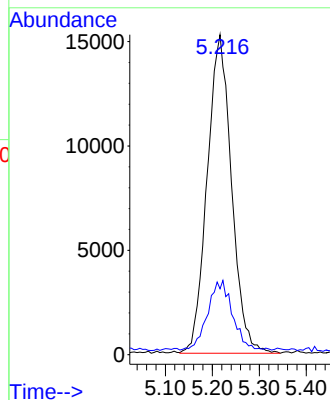
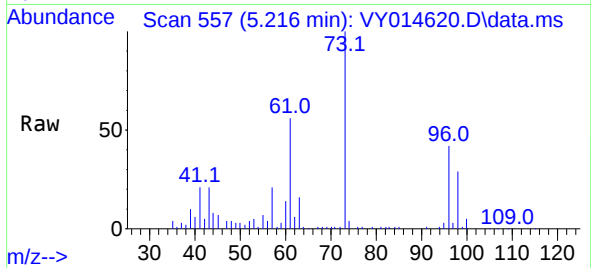
57 19.2 17.3 25.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Mahesh Dadoda 07/14/2023



#20

Methylene Chloride

Concen: 3.561 ug/l

RT: 4.704 min Scan# 473

Delta R.T. 0.000 min

Lab File: VY014620.D

Acq: 13 Jul 2023 09:05

Tgt Ion: 84 Resp: 30952

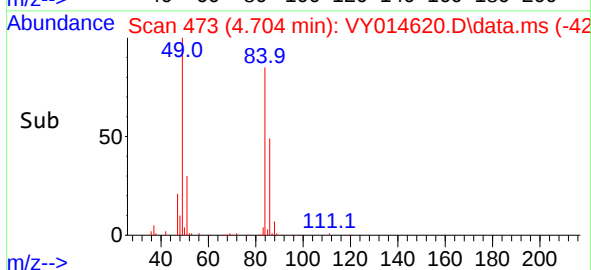
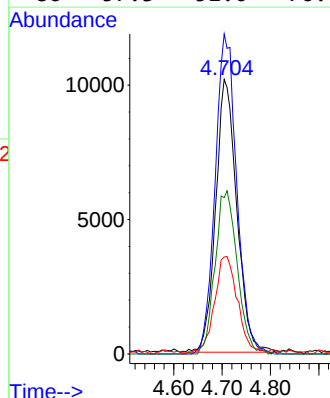
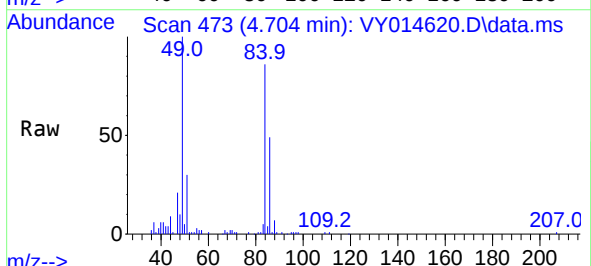
Ion Ratio Lower Upper

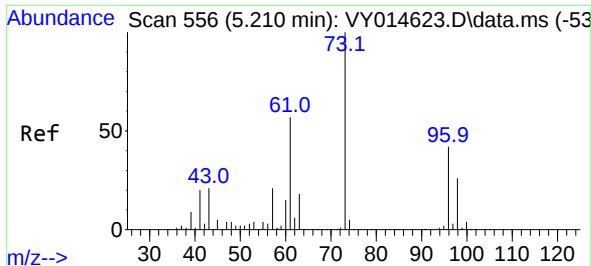
84 100

49 117.3 106.9 160.3

51 34.8 33.2 49.8

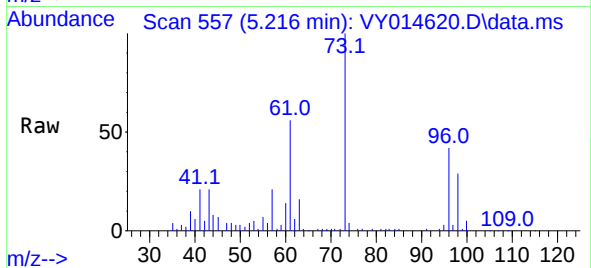
86 57.3 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 5.190 ug/l
RT: 5.216 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY014620.D
Acq: 13 Jul 2023 09:05

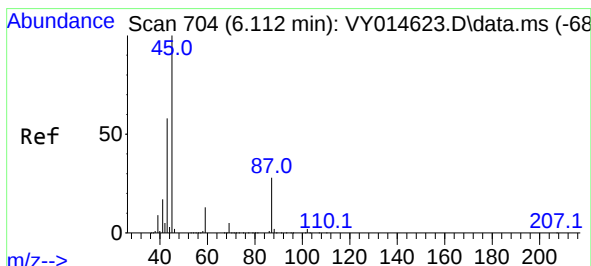
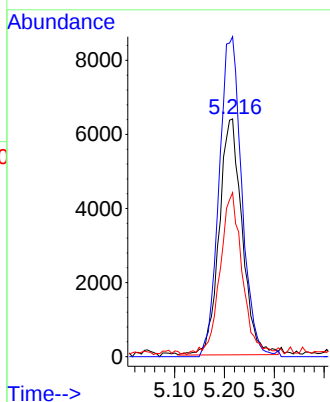
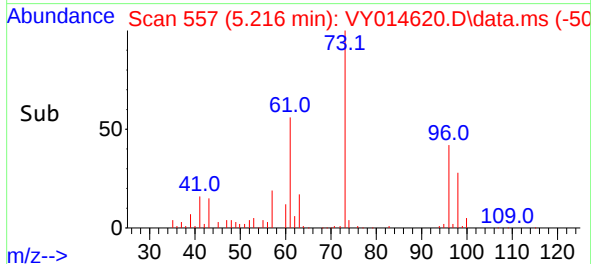
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



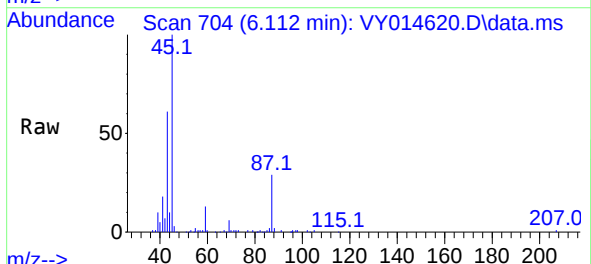
Tgt Ion: 96 Resp: 2045
Ion Ratio Lower Upper
96 100
61 135.7 110.2 165.4
98 67.3 51.8 77.6

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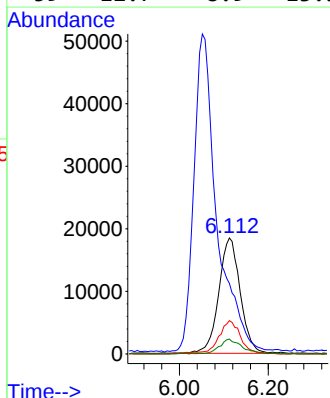
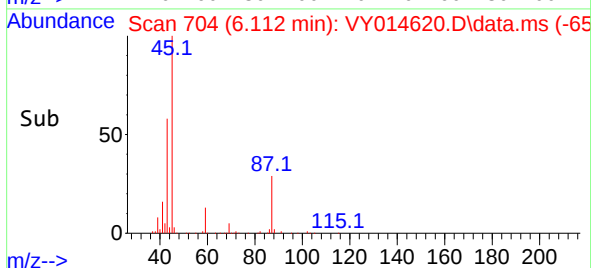
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

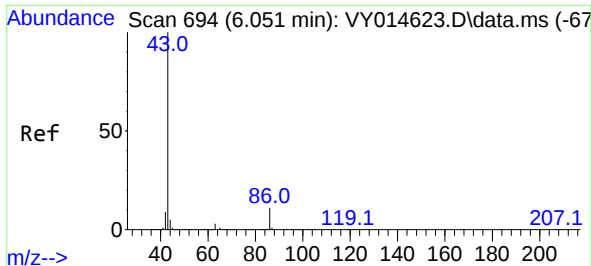


#22
Diisopropyl ether
Concen: 4.928 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY014620.D
Acq: 13 Jul 2023 09:05



Tgt Ion: 45 Resp: 61765
Ion Ratio Lower Upper
45 100
43 57.3 52.2 78.4
87 28.8 21.0 31.6
59 12.7 8.9 13.3





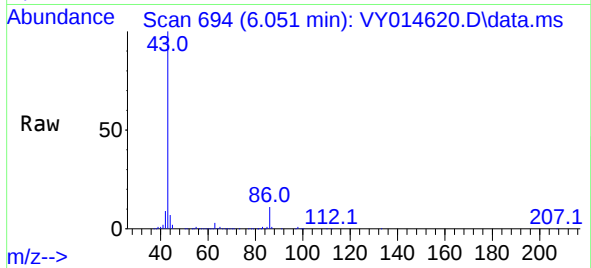
#23
 Vinyl Acetate
 Concen: 24.397 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY014620.D
 Acq: 13 Jul 2023 09:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

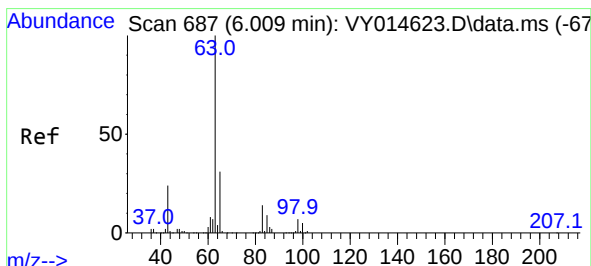
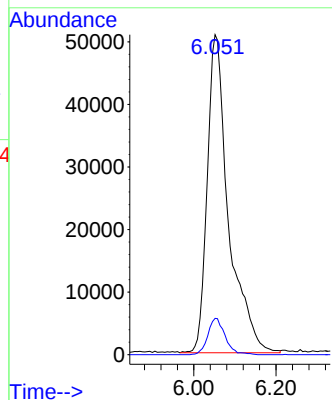
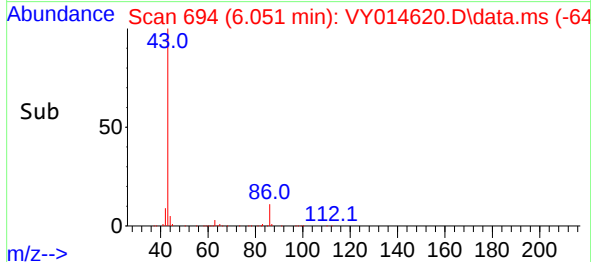


Tgt Ion: 43 Resp: 182990
 Ion Ratio Lower Upper
 43 100
 86 11.4 7.5 11.3

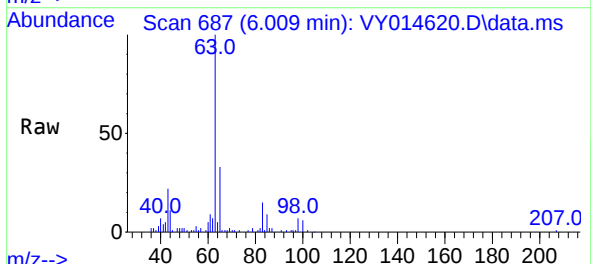
Manual Integrations

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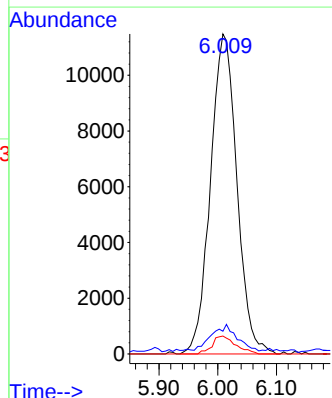
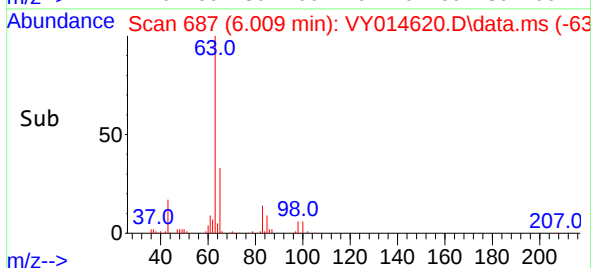
Reviewed By :John Carlone 07/14/2023
 Supervised By :Mahesh Dadoda 07/14/2023

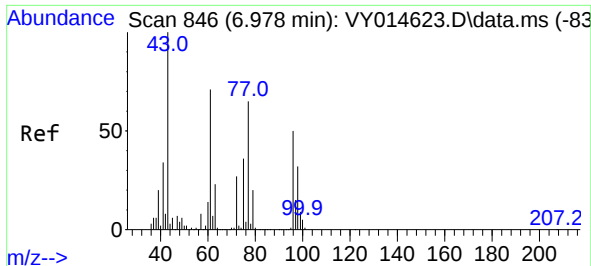


#24
 1,1-Dichloroethane
 Concen: 5.007 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.000 min
 Lab File: VY014620.D
 Acq: 13 Jul 2023 09:05



Tgt Ion: 63 Resp: 35907
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.1 9.4
 100 5.6 1.8 5.5





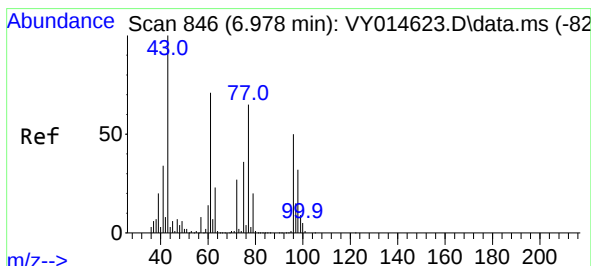
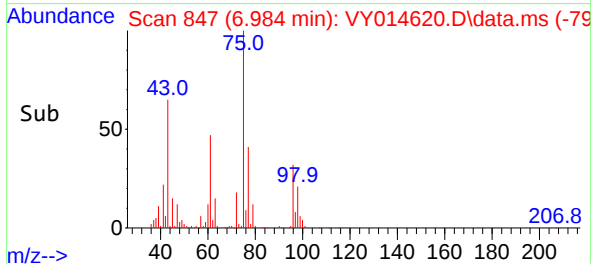
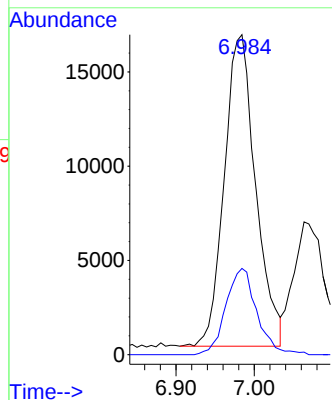
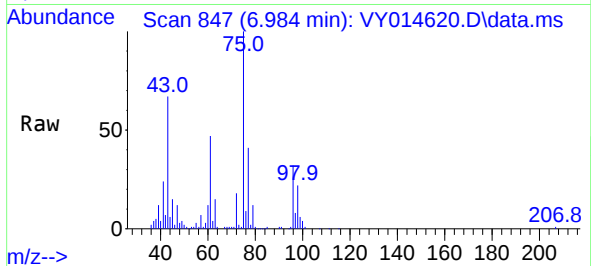
#25
2-Butanone
Concen: 24.677 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY014620.D
Acq: 13 Jul 2023 09:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 45964
Ion Ratio Lower Upper
43 100
72 27.7 20.5 30.7

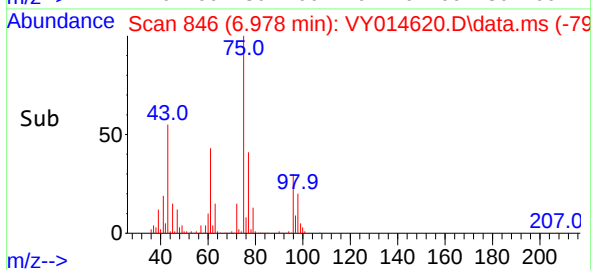
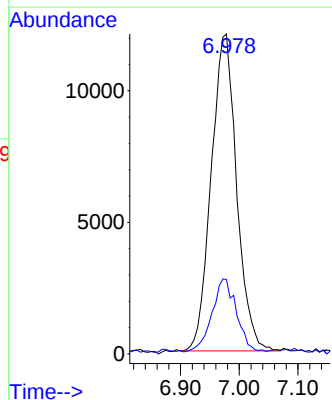
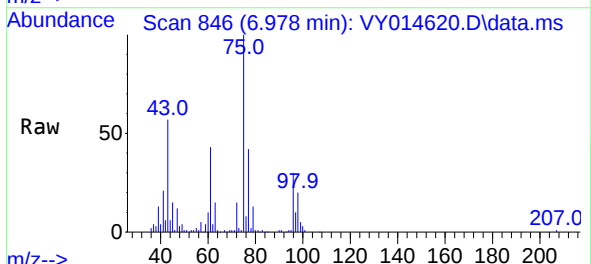
Manual Integrations
APPROVED

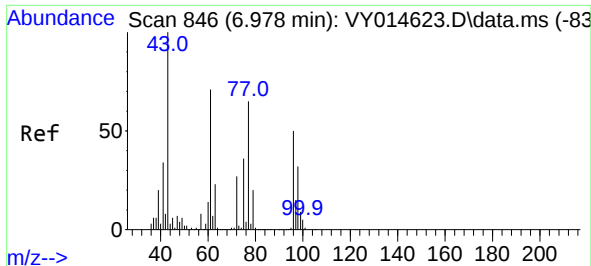
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#26
2,2-Dichloropropane
Concen: 5.303 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY014620.D
Acq: 13 Jul 2023 09:05

Tgt Ion: 77 Resp: 36245
Ion Ratio Lower Upper
77 100
97 22.2 10.9 32.9





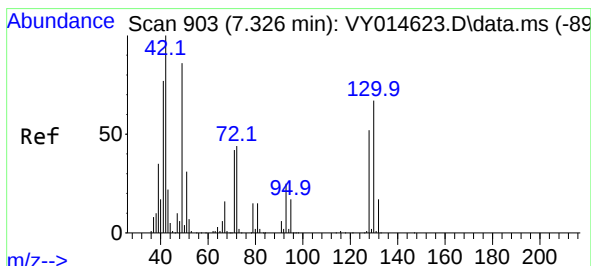
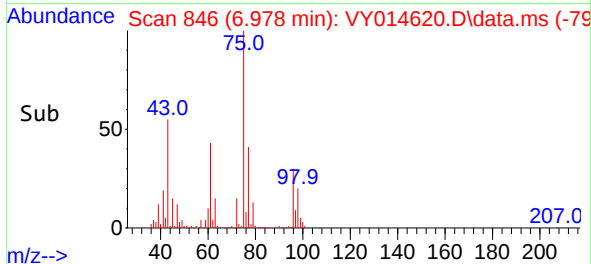
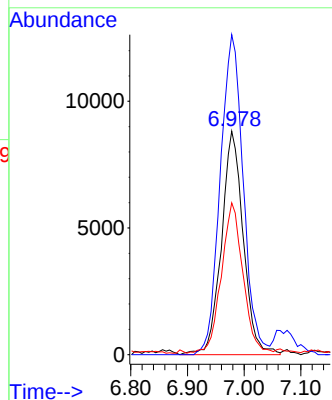
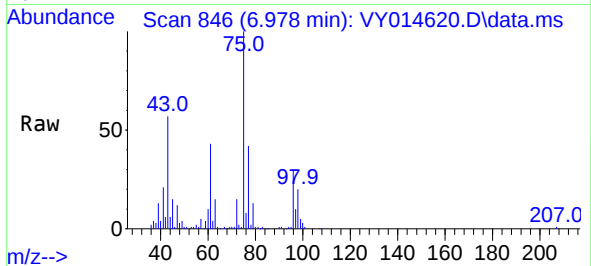
#27
cis-1,2-Dichloroethene
Concen: 5.135 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY014620.D
Acq: 13 Jul 2023 09:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 96 Resp: 23550
Ion Ratio Lower Upper
96 100
61 150.8 0.0 301.4
98 66.2 0.0 130.4

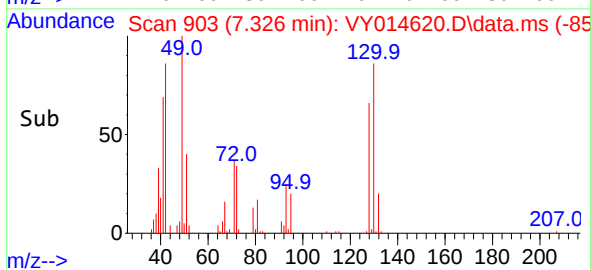
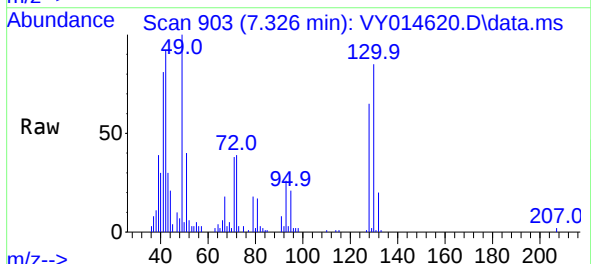
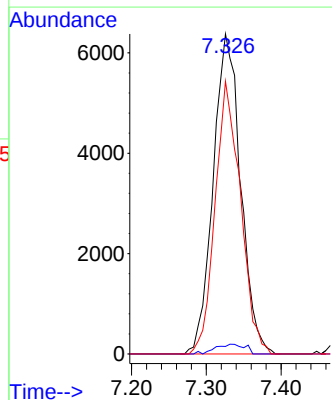
Manual Integrations
APPROVED

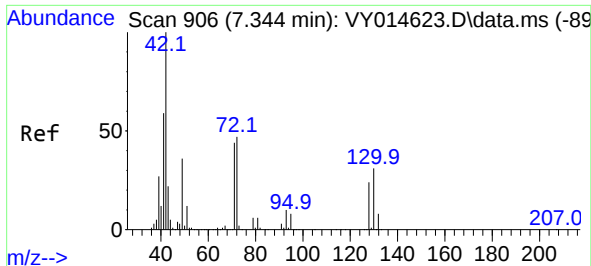
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#28
Bromochloromethane
Concen: 5.275 ug/l
RT: 7.326 min Scan# 903
Delta R.T. -0.000 min
Lab File: VY014620.D
Acq: 13 Jul 2023 09:05

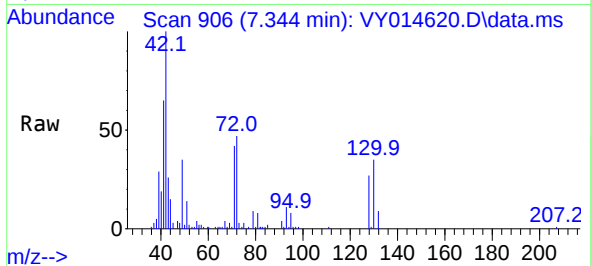
Tgt Ion: 49 Resp: 16293
Ion Ratio Lower Upper
49 100
129 3.3 0.0 4.6
130 78.9 60.7 91.1





#29
Tetrahydrofuran
Concen: 24.317 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY014620.D
Acq: 13 Jul 2023 09:05

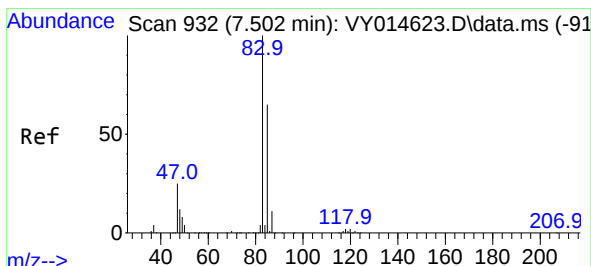
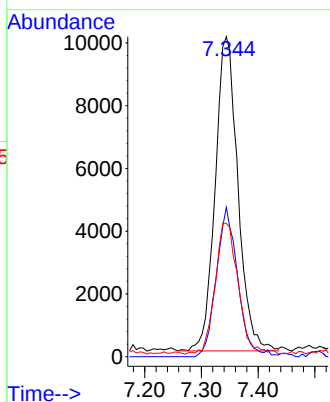
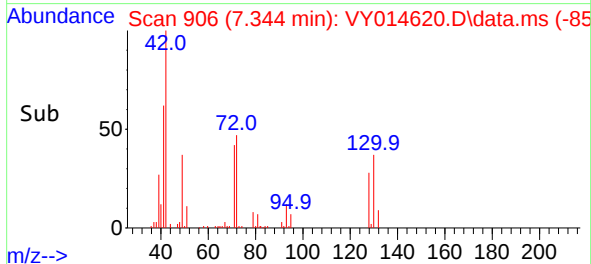
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



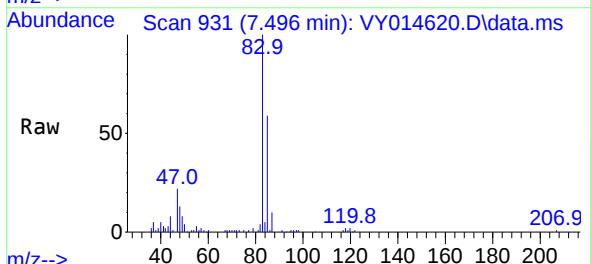
Tgt Ion: 42 Resp: 27890
Ion Ratio Lower Upper
42 100
72 44.6 32.8 49.2
71 42.4 31.0 46.4

Manual Integrations
APPROVED

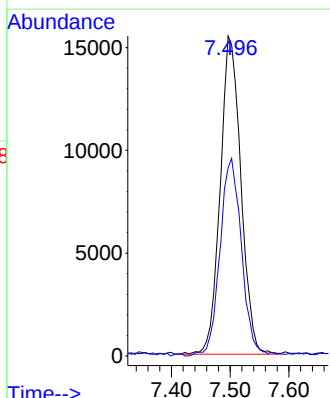
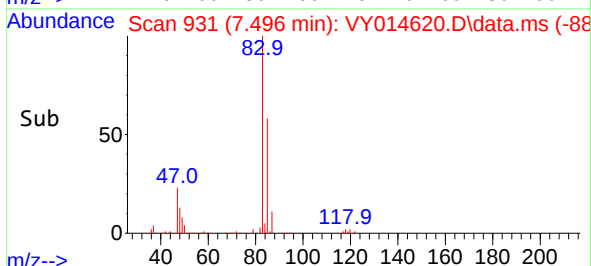
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

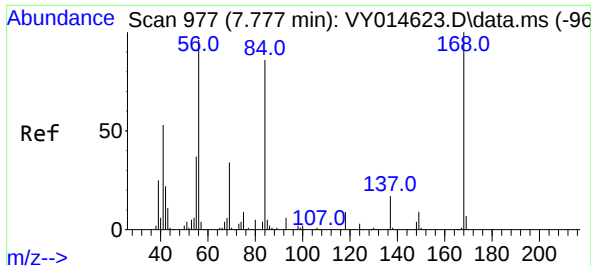


#30
Chloroform
Concen: 5.116 ug/l
RT: 7.496 min Scan# 931
Delta R.T. -0.006 min
Lab File: VY014620.D
Acq: 13 Jul 2023 09:05



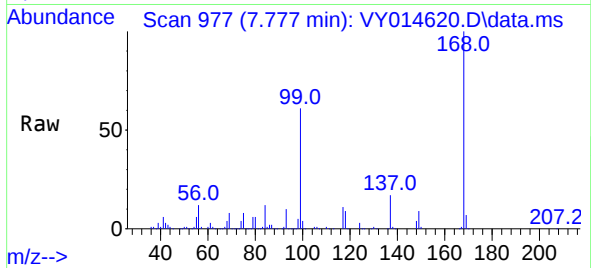
Tgt Ion: 83 Resp: 37834
Ion Ratio Lower Upper
83 100
85 58.5 49.7 74.5





#31
Cyclohexane
Concen: 6.009 ug/l
RT: 7.777 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY014620.D
Acq: 13 Jul 2023 09:05

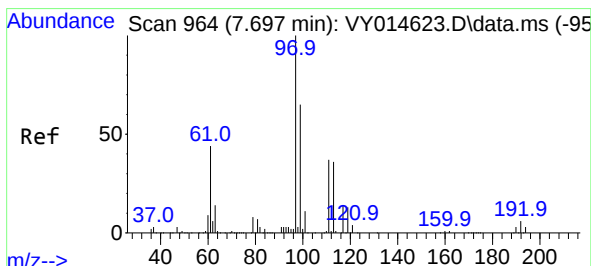
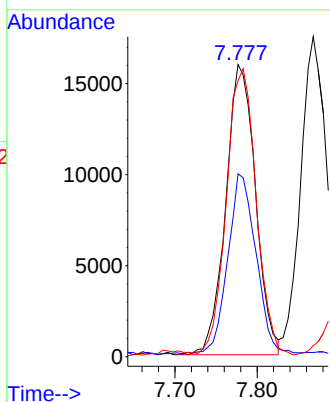
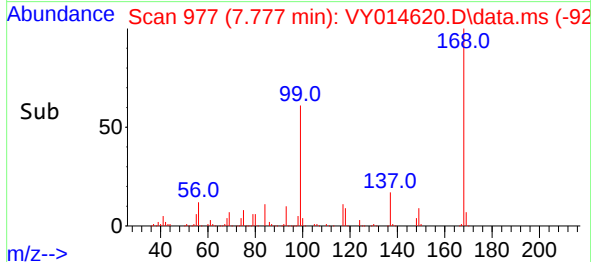
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



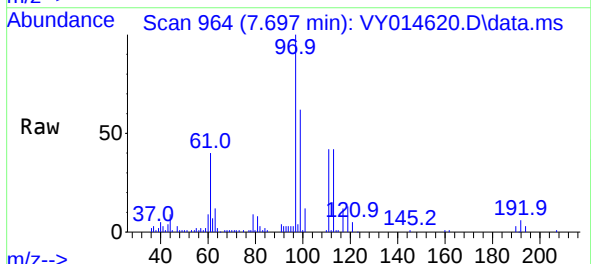
Tgt Ion: 56 Resp: 40079
Ion Ratio Lower Upper
56 100
69 61.7 27.8 41.6
84 93.1 66.4 99.6

Manual Integrations
APPROVED

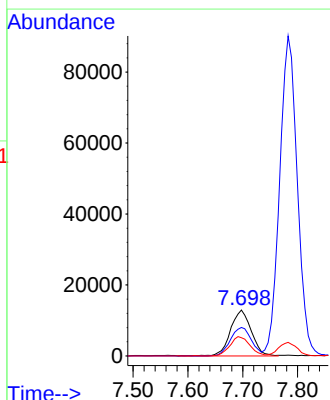
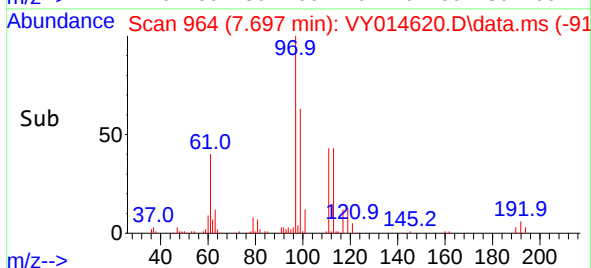
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

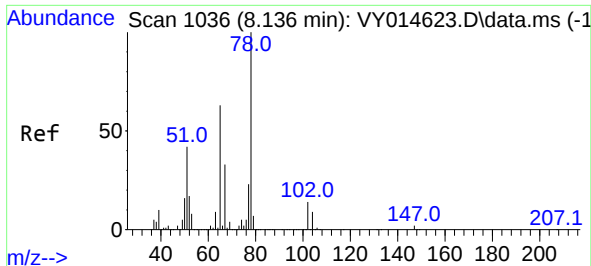


#32
1,1,1-Trichloroethane
Concen: 5.129 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY014620.D
Acq: 13 Jul 2023 09:05



Tgt Ion: 97 Resp: 34138
Ion Ratio Lower Upper
97 100
99 62.5 50.8 76.2
61 40.5 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 5.139 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY014620.D

Acq: 13 Jul 2023 09:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 2064

Ion Ratio Lower Upper

65 100

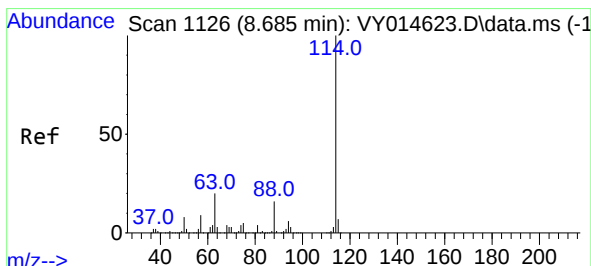
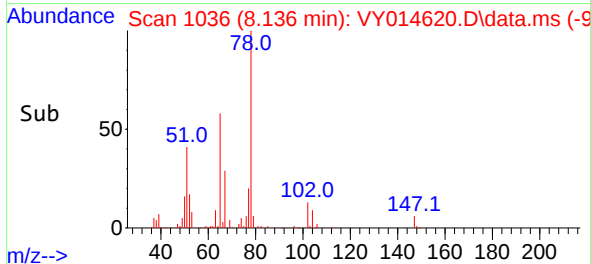
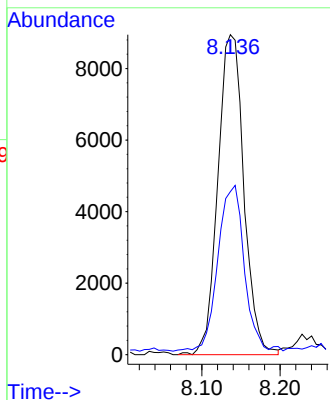
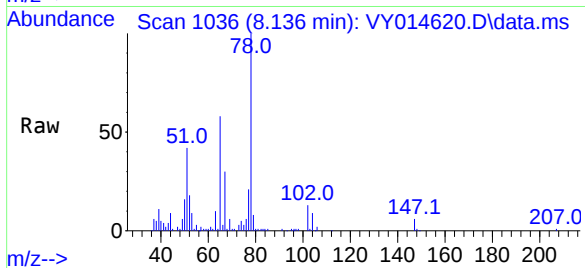
67 52.0 0.0 101.8

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: VY014620.D

Acq: 13 Jul 2023 09:05

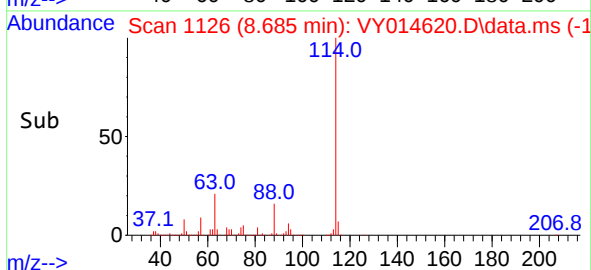
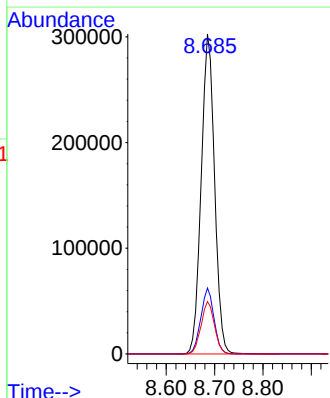
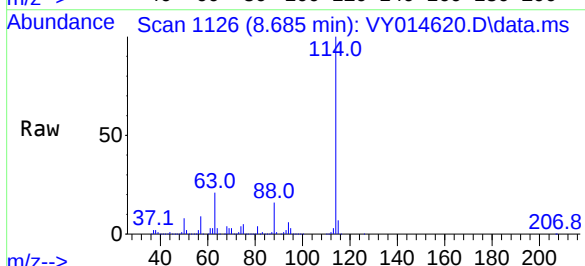
Tgt Ion:114 Resp: 581157

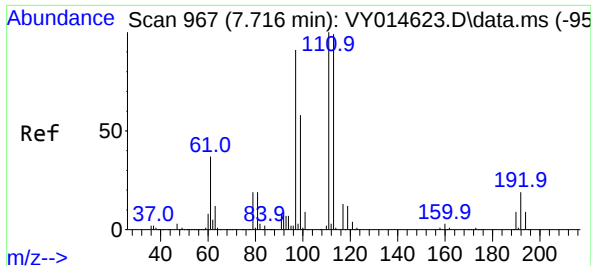
Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.4

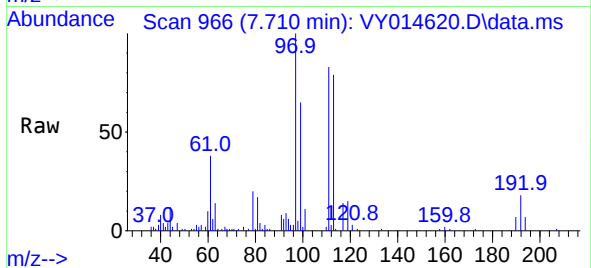
88 16.4 0.0 30.6





#35
Dibromofluoromethane
Concen: 5.028 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014620.D
Acq: 13 Jul 2023 09:05

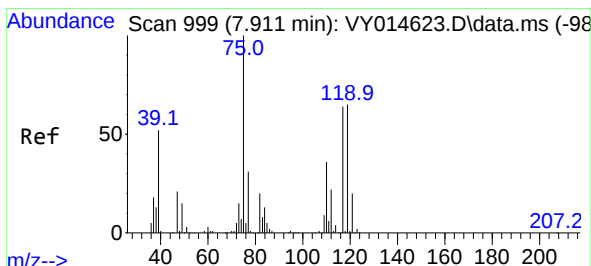
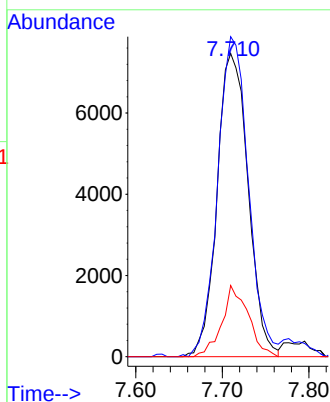
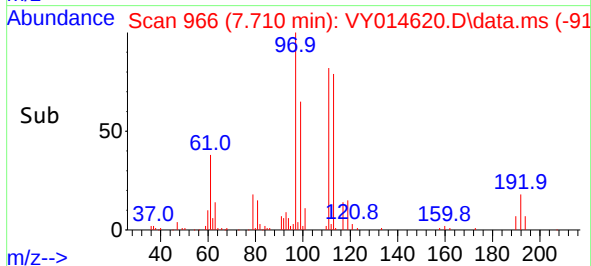
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



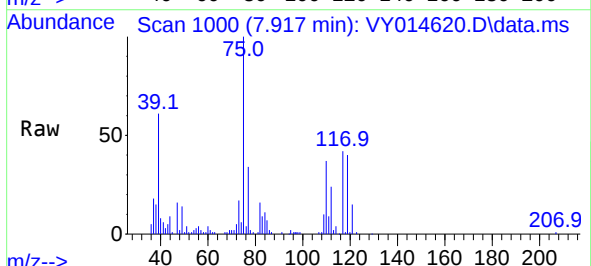
Tgt Ion: 113 Resp: 1860
Ion Ratio Lower Upper
113 100
111 104.6 81.3 121.9
192 20.0 16.9 25.3

Manual Integrations
APPROVED

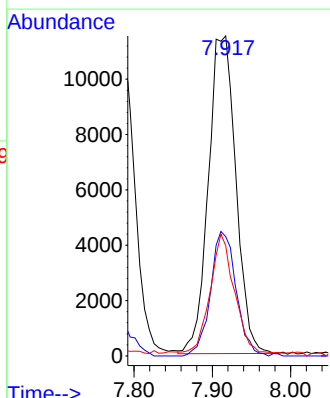
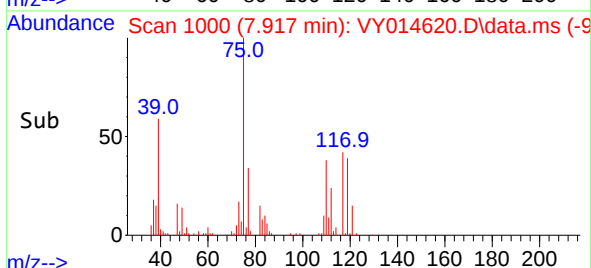
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

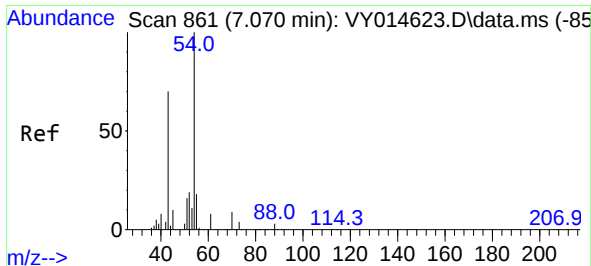


#36
1,1-Dichloropropene
Concen: 5.070 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY014620.D
Acq: 13 Jul 2023 09:05



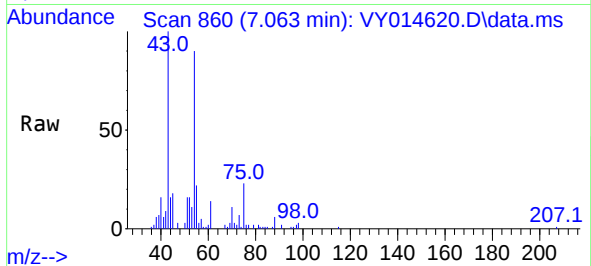
Tgt Ion: 75 Resp: 28049
Ion Ratio Lower Upper
75 100
110 36.4 17.8 53.5
77 33.9 24.4 36.6





#37
Ethyl Acetate
Concen: 4.959 ug/l
RT: 7.063 min Scan# 861
Delta R.T. -0.007 min
Lab File: VY014620.D
Acq: 13 Jul 2023 09:05

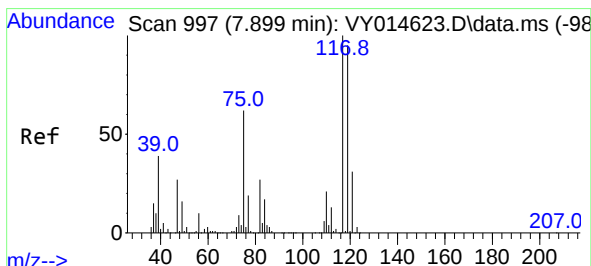
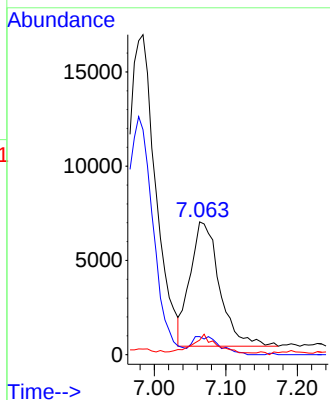
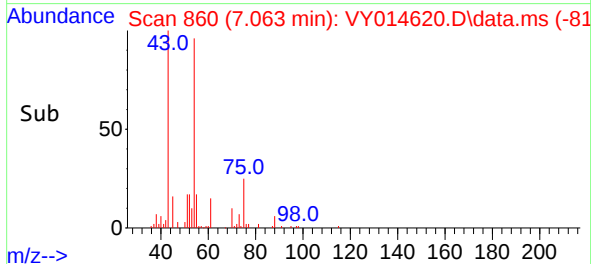
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



Tgt Ion: 43 Resp: 1888
Ion Ratio Lower Upper
43 100
61 13.7 10.1 15.1
70 11.2 7.1 10.7

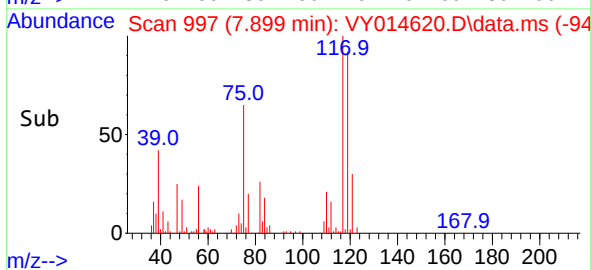
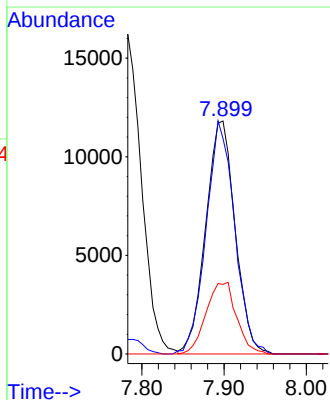
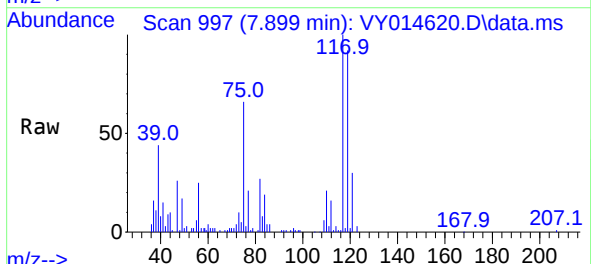
Manual Integrations
APPROVED

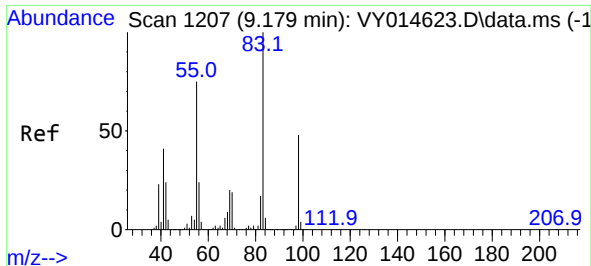
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#38
Carbon Tetrachloride
Concen: 5.024 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY014620.D
Acq: 13 Jul 2023 09:05

Tgt Ion:117 Resp: 29383
Ion Ratio Lower Upper
117 100
119 92.5 76.4 114.6
121 29.8 25.8 38.6





#39

Methylcyclohexane

Concen: 5.297 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY014620.D

Acq: 13 Jul 2023 09:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

Tgt Ion: 83 Resp: 38179

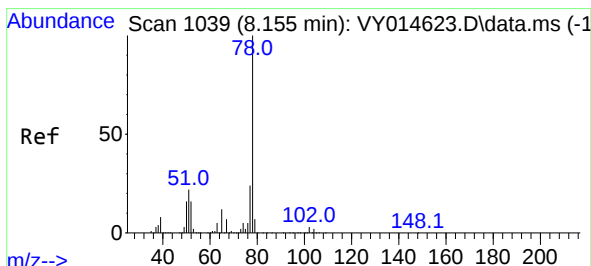
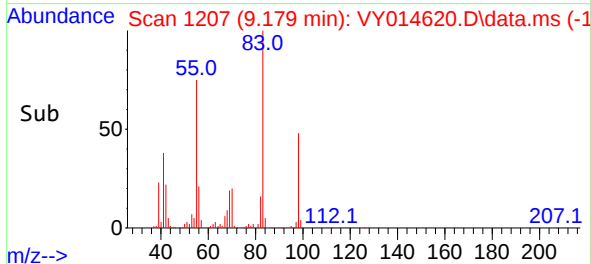
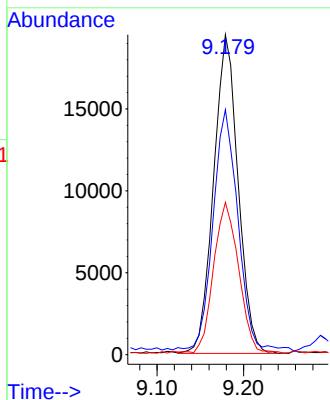
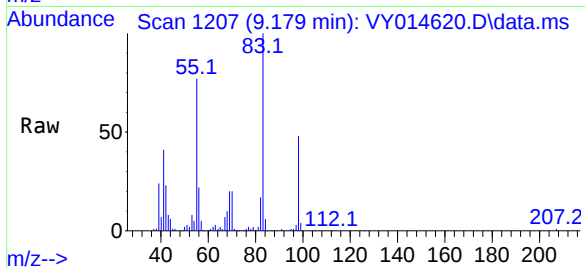
Ion	Ratio	Lower	Upper
83	100		
55	74.8	63.0	94.4
98	46.9	37.4	56.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Mahesh Dadoda 07/14/2023



#40

Benzene

Concen: 5.094 ug/l

RT: 8.155 min Scan# 1039

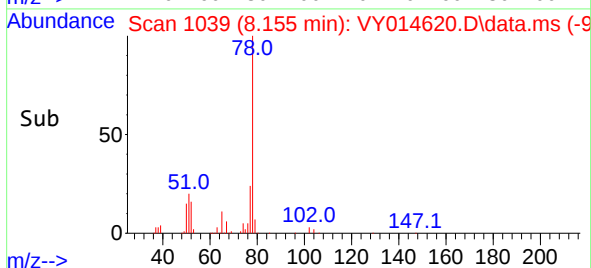
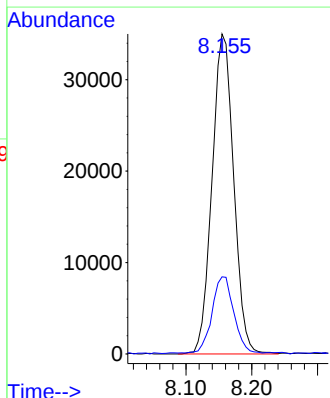
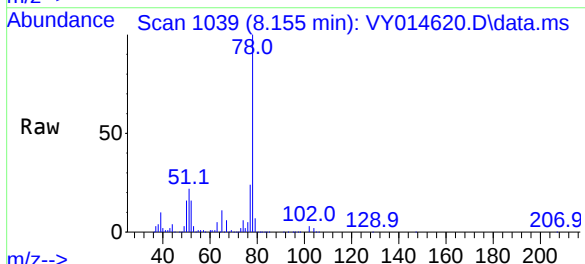
Delta R.T. -0.000 min

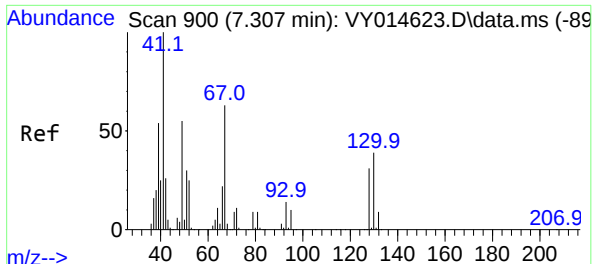
Lab File: VY014620.D

Acq: 13 Jul 2023 09:05

Tgt Ion: 78 Resp: 80151

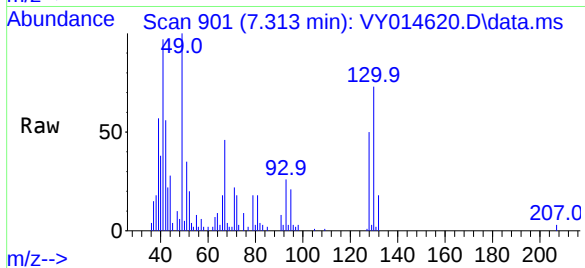
Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.0	28.6





#41
Methacrylonitrile
Concen: 5.357 ug/l m
RT: 7.313 min Scan# 901
Delta R.T. 0.006 min
Lab File: VY014620.D
Acq: 13 Jul 2023 09:05

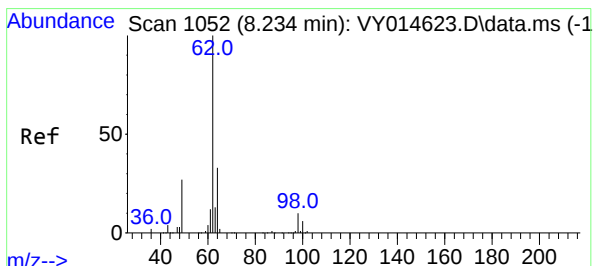
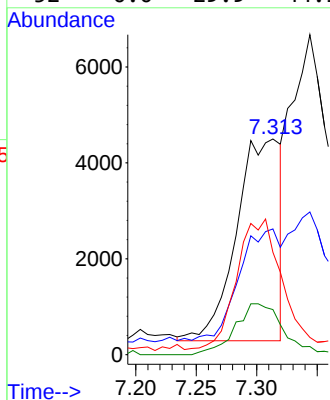
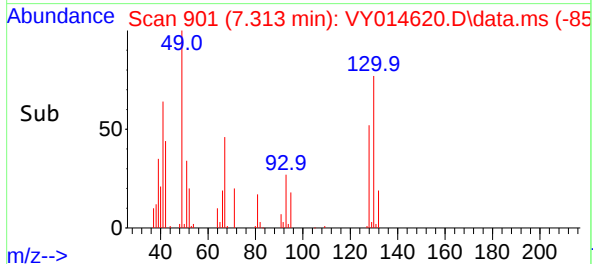
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



Tgt Ion: 41 Resp: 10790
Ion Ratio Lower Upper
41 100
39 0.0 52.1 78.1
67 0.0 66.2 99.2
52 0.0 29.9 44.9

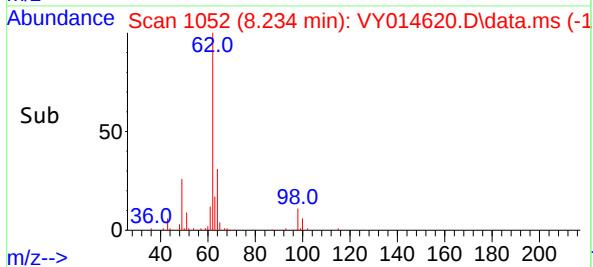
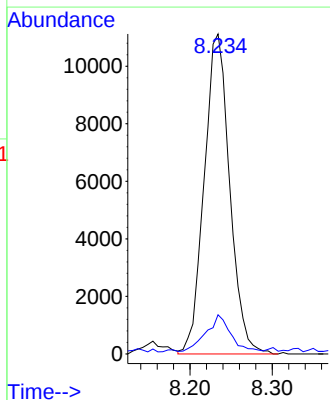
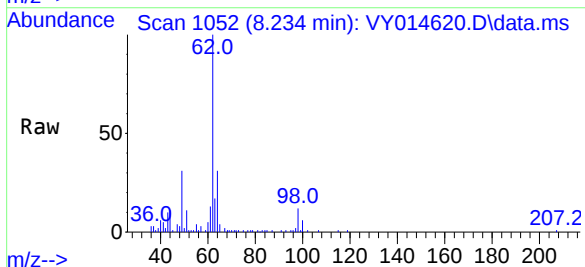
Manual Integrations
APPROVED

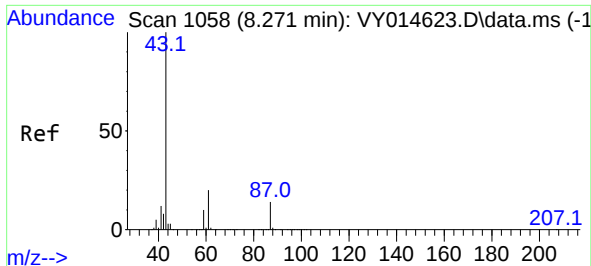
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#42
1,2-Dichloroethane
Concen: 4.818 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY014620.D
Acq: 13 Jul 2023 09:05

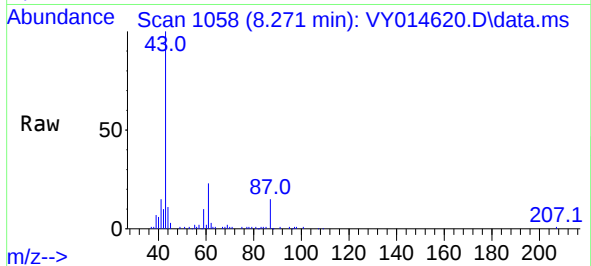
Tgt Ion: 62 Resp: 24005
Ion Ratio Lower Upper
62 100
98 10.7 0.0 15.8





#43
Isopropyl Acetate
Concen: 4.777 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY014620.D
Acq: 13 Jul 2023 09:05

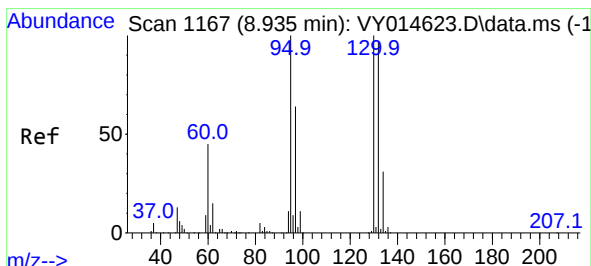
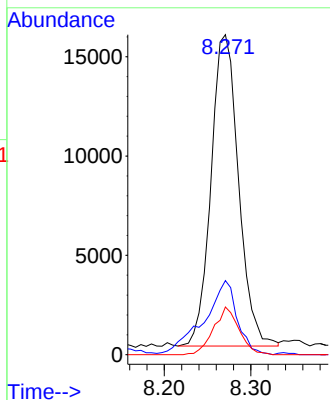
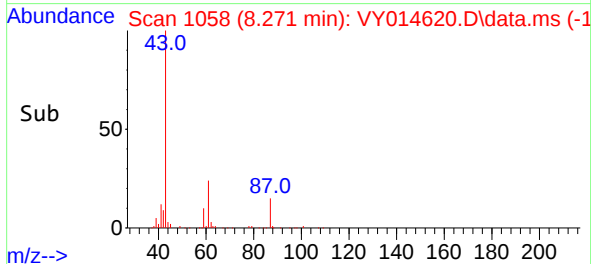
Instrument : MSVOA_Y
ClientSampleId : VSTDIC005



Tgt Ion: 43 Resp: 3465
Ion Ratio Lower Upper
43 100
61 28.9 21.1 31.7
87 14.1 9.8 14.8

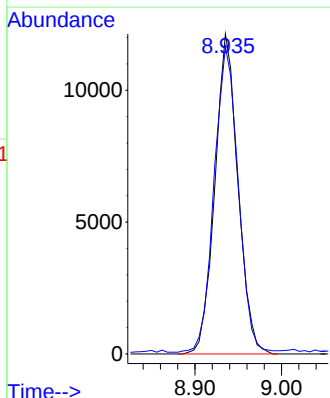
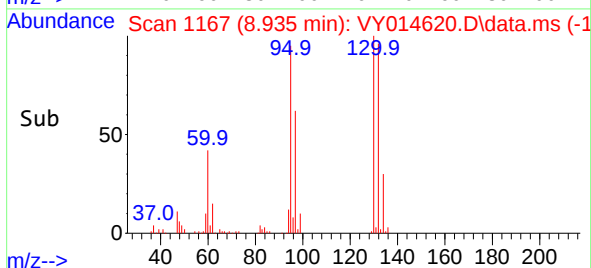
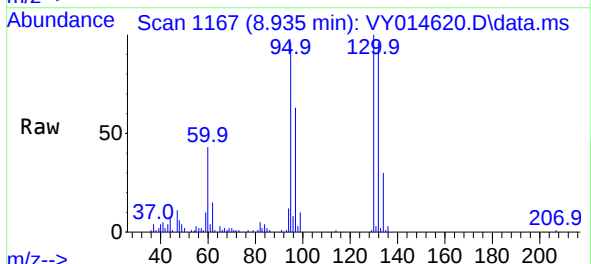
Manual Integrations
APPROVED

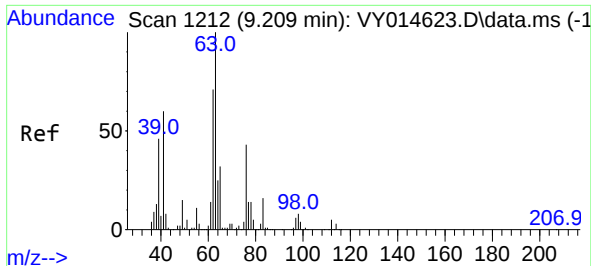
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#44
Trichloroethene
Concen: 5.098 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY014620.D
Acq: 13 Jul 2023 09:05

Tgt Ion:130 Resp: 22443
Ion Ratio Lower Upper
130 100
95 95.5 0.0 196.0





#45
1,2-Dichloropropane
Concen: 5.012 ug/l
RT: 9.216 min Scan# 1213
Delta R.T. 0.007 min
Lab File: VY014620.D
Acq: 13 Jul 2023 09:05

Instrument :

MSVOA_Y

ClientSampleId :

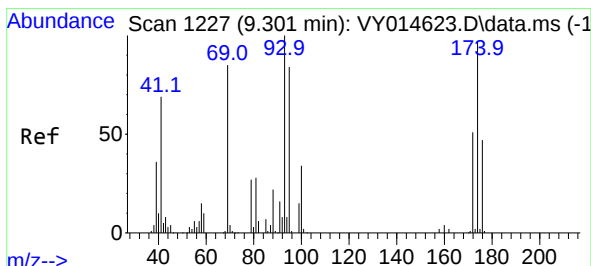
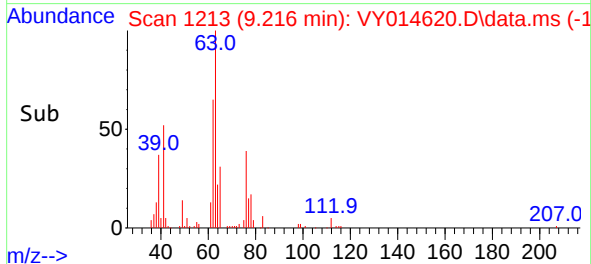
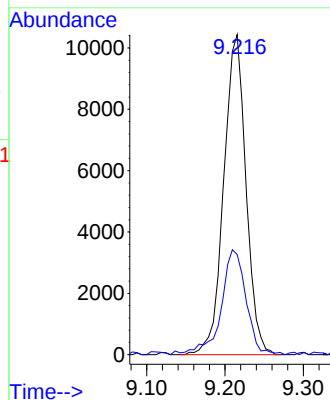
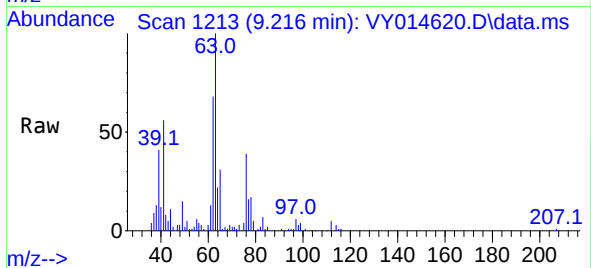
VSTDIC005

Tgt Ion: 63 Resp: 2059
Ion Ratio Lower Upper
63 100
65 30.7 23.8 35.6

Manual Integrations

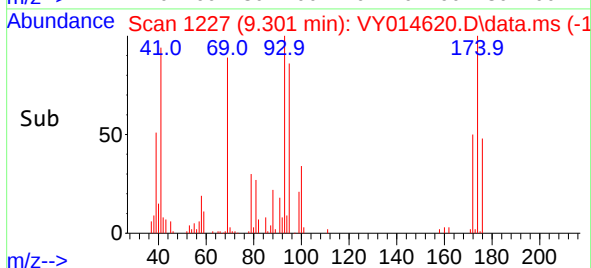
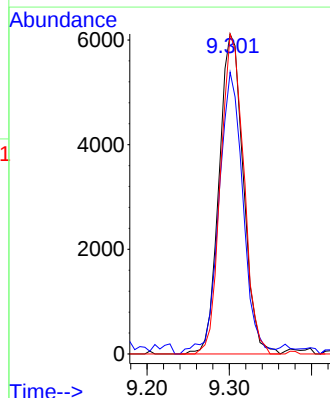
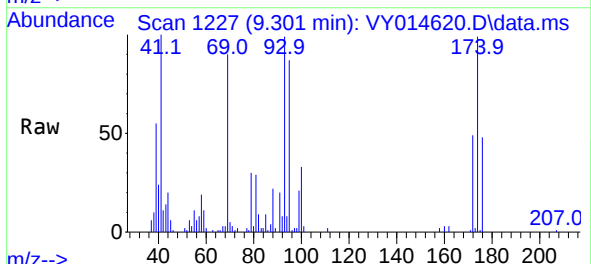
APPROVED

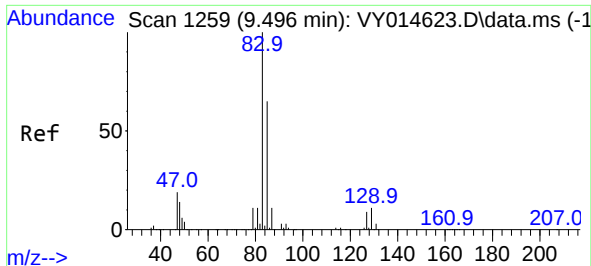
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#46
Dibromomethane
Concen: 5.025 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY014620.D
Acq: 13 Jul 2023 09:05

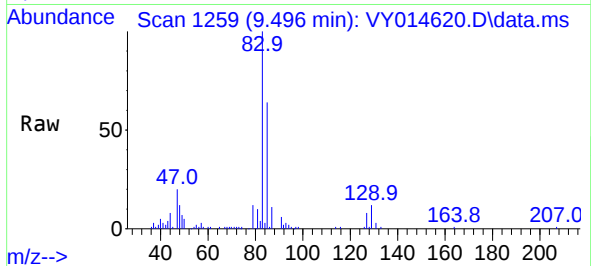
Tgt Ion: 93 Resp: 12525
Ion Ratio Lower Upper
93 100
95 87.4 66.6 100.0
174 95.3 84.8 127.2





#47
Bromodichloromethane
Concen: 4.924 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY014620.D
Acq: 13 Jul 2023 09:05

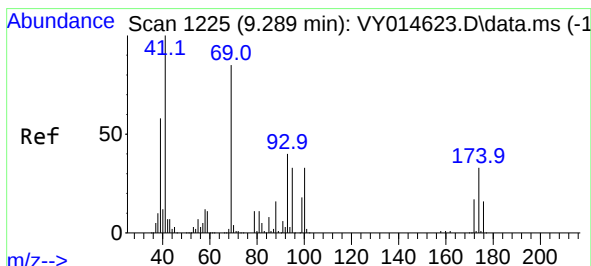
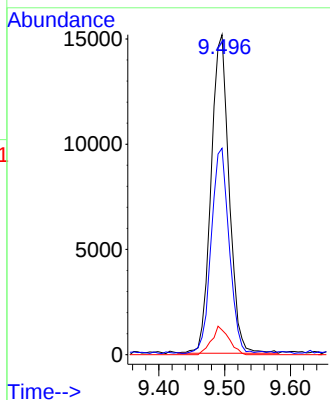
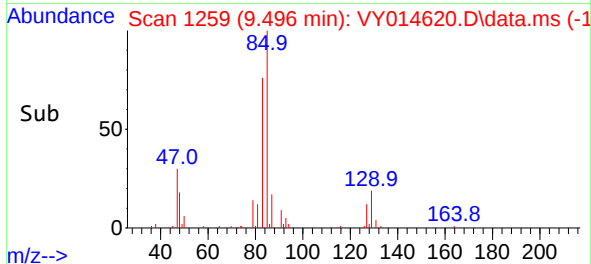
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



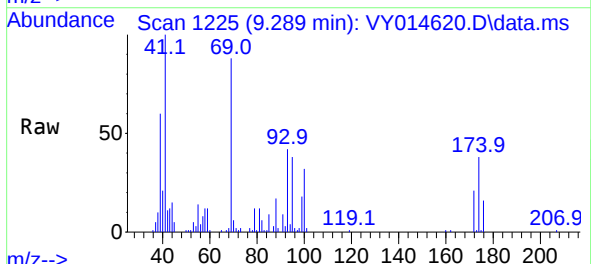
Tgt Ion: 83 Resp: 2892
Ion Ratio Lower Upper
83 100
85 64.1 50.1 75.1
127 7.7 7.1 10.7

Manual Integrations
APPROVED

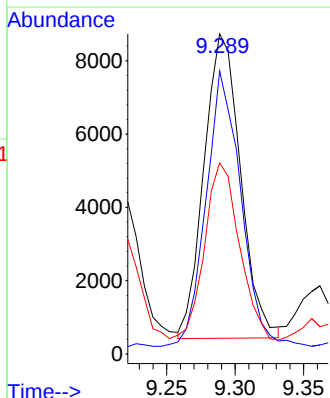
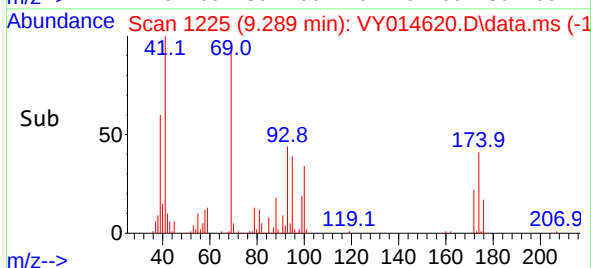
Reviewed By :John Carbone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

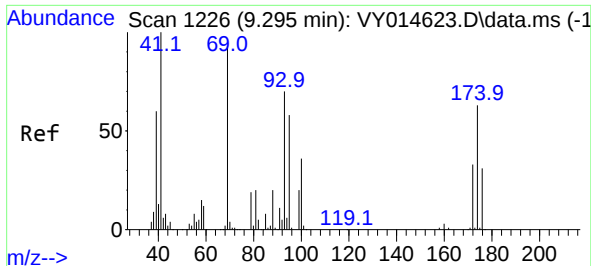


#48
Methyl methacrylate
Concen: 4.714 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY014620.D
Acq: 13 Jul 2023 09:05



Tgt Ion: 41 Resp: 15391
Ion Ratio Lower Upper
41 100
69 89.3 64.5 96.7
39 56.3 50.8 76.2





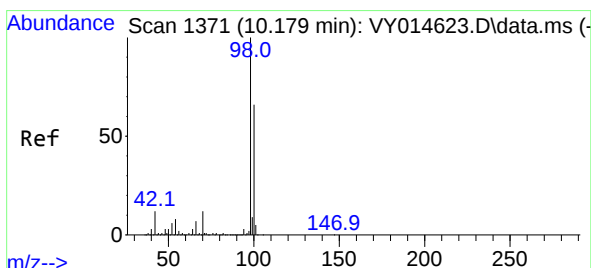
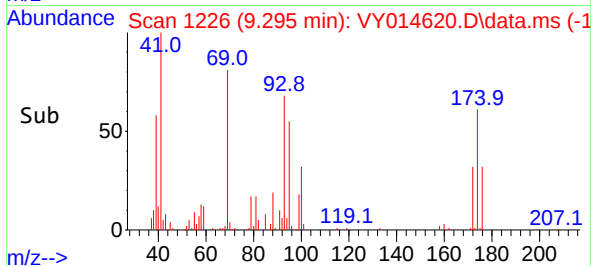
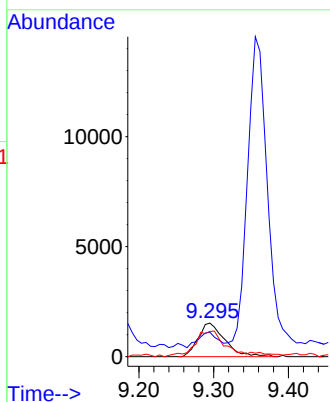
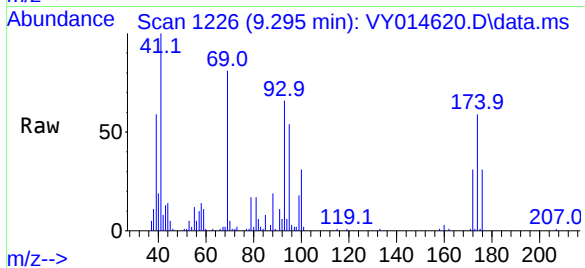
#49
1,4-Dioxane
Concen: 93.522 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY014620.D
Acq: 13 Jul 2023 09:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 88 Resp: 380
Ion Ratio Lower Upper
88 100
43 32.6 0.0 0.0
58 85.4 30.9 46.3

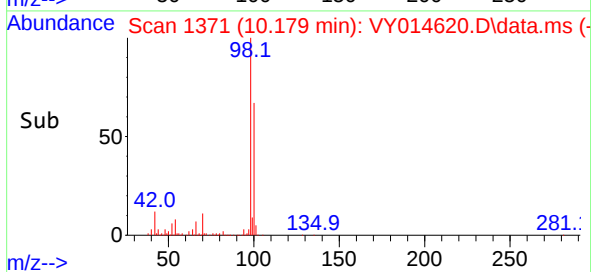
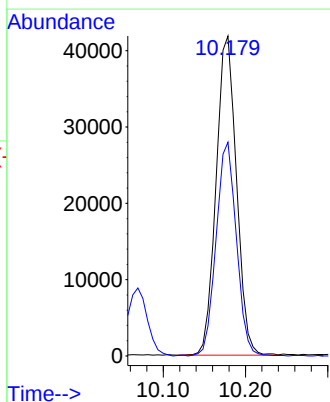
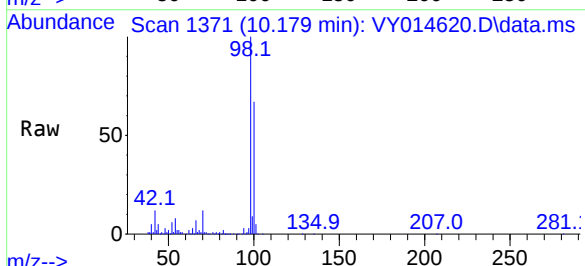
Manual Integrations
APPROVED

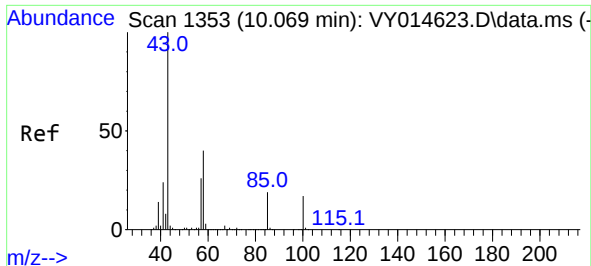
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#50
Toluene-d8
Concen: 5.274 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014620.D
Acq: 13 Jul 2023 09:05

Tgt Ion: 98 Resp: 71932
Ion Ratio Lower Upper
98 100
100 66.9 50.1 75.1





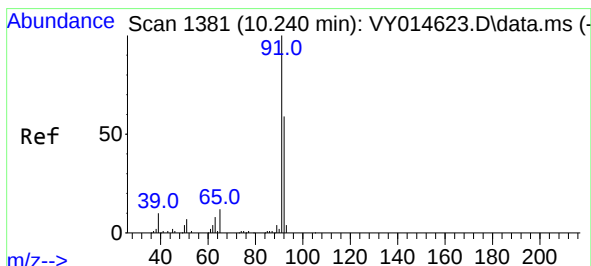
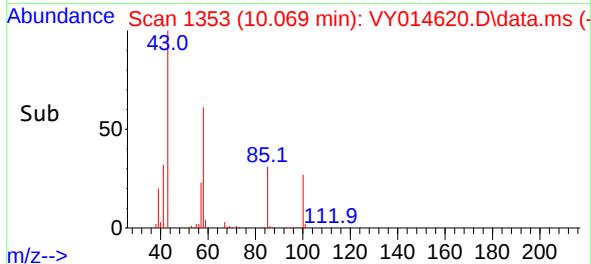
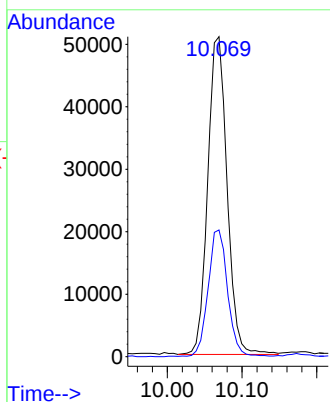
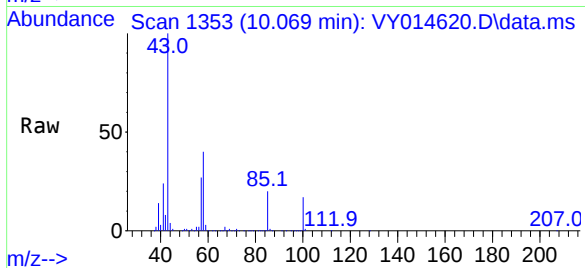
#51
4-Methyl-2-Pentanone
Concen: 24.010 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY014620.D
Acq: 13 Jul 2023 09:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 9147
Ion Ratio Lower Upper
43 100
58 40.4 29.0 43.6

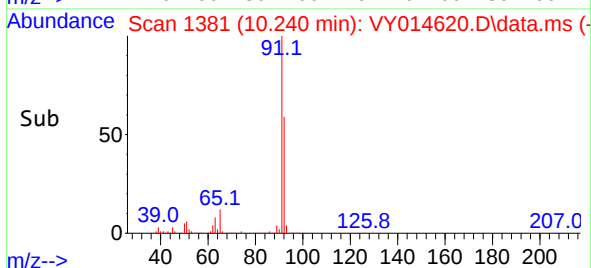
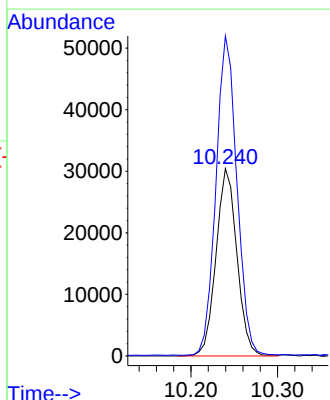
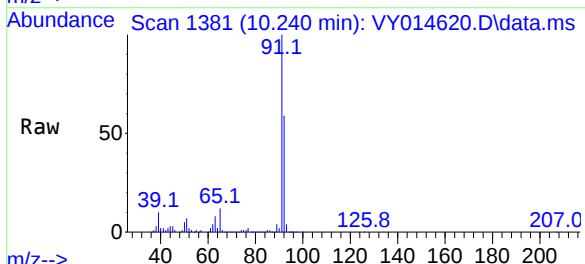
Manual Integrations
APPROVED

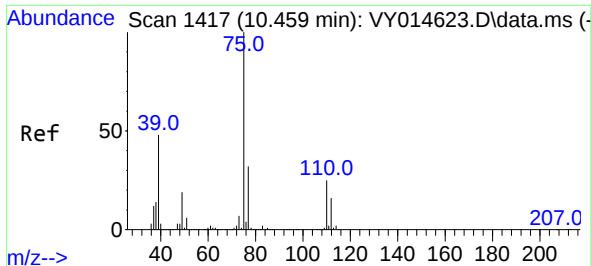
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#52
Toluene
Concen: 5.061 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY014620.D
Acq: 13 Jul 2023 09:05

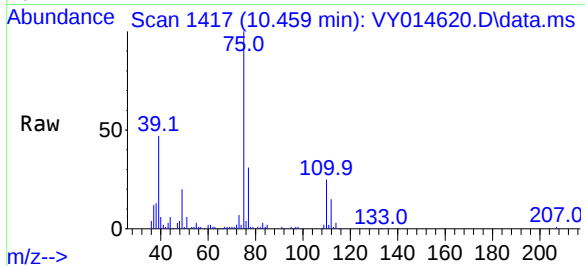
Tgt Ion: 92 Resp: 50956
Ion Ratio Lower Upper
92 100
91 170.6 143.8 215.6





#53
t-1,3-Dichloropropene
Concen: 4.944 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. 0.000 min
Lab File: VY014620.D
Acq: 13 Jul 2023 09:05

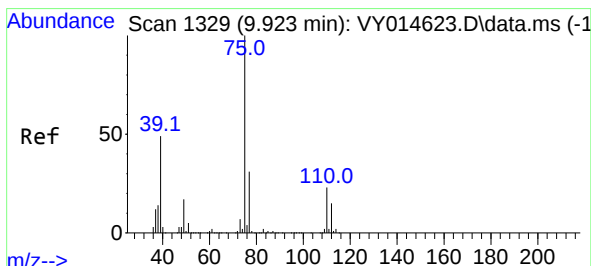
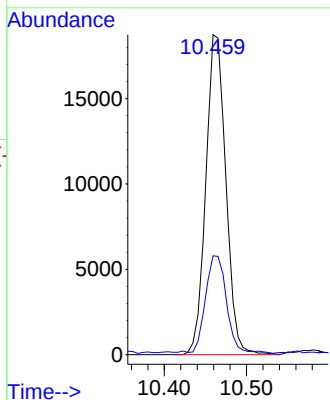
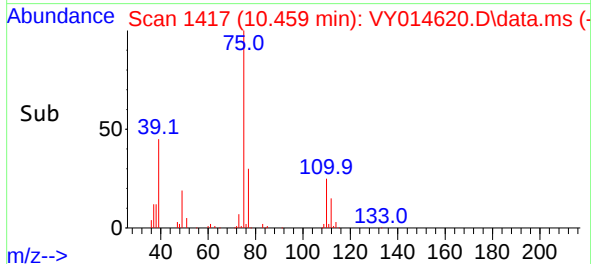
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



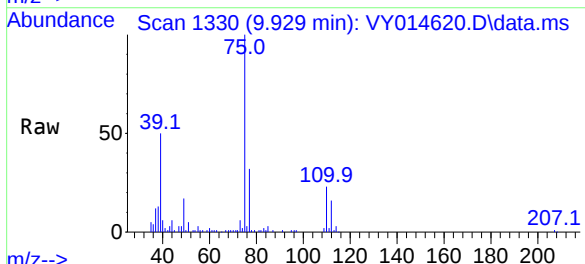
Tgt Ion: 75 Resp: 31770
Ion Ratio Lower Upper
75 100
77 30.2 25.0 37.4

Manual Integrations
APPROVED

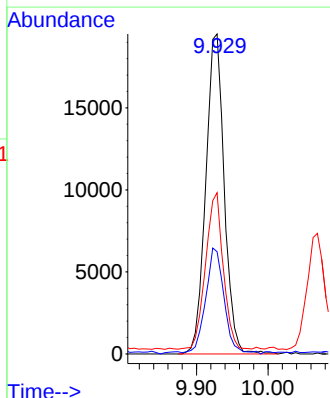
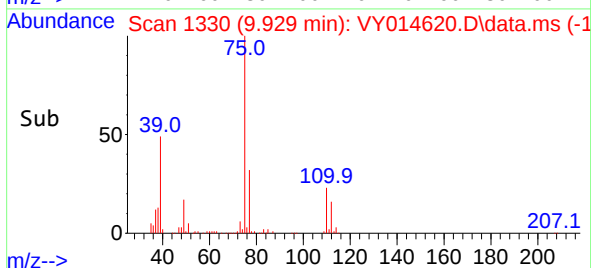
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

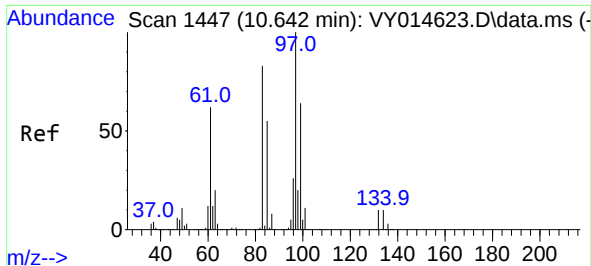


#54
cis-1,3-Dichloropropene
Concen: 5.014 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.006 min
Lab File: VY014620.D
Acq: 13 Jul 2023 09:05



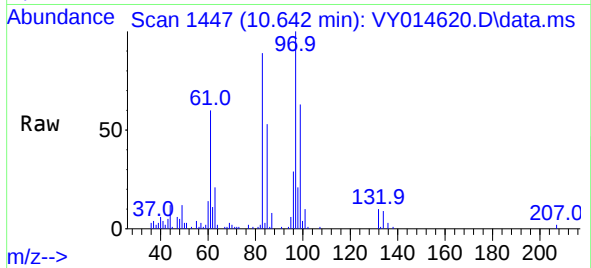
Tgt Ion: 75 Resp: 35040
Ion Ratio Lower Upper
75 100
77 31.4 24.2 36.4
39 48.9 42.2 63.4





#55
1,1,2-Trichloroethane
Concen: 4.974 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY014620.D
Acq: 13 Jul 2023 09:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

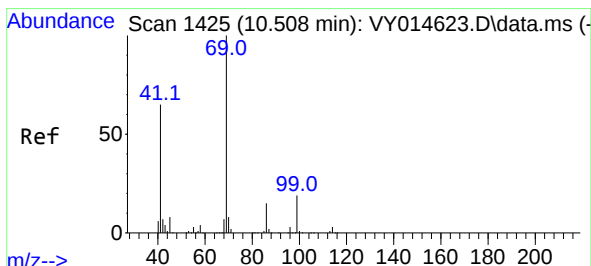
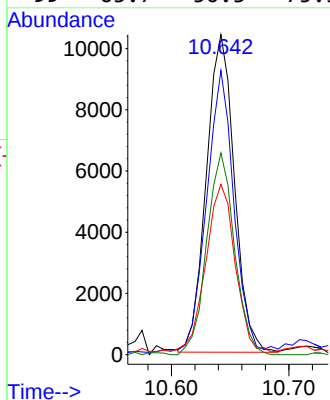
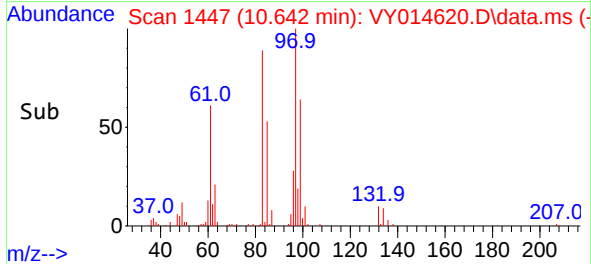


Tgt Ion: 97 Resp: 1727

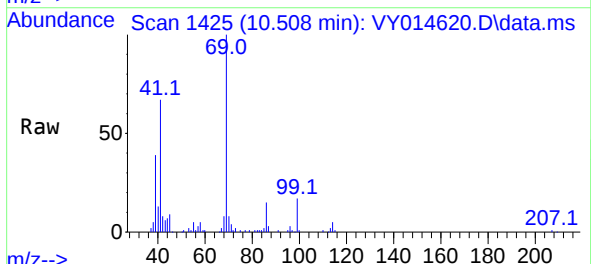
Ion	Ratio	Lower	Upper
97	100		
83	88.1	72.0	108.0
85	52.6	45.4	68.0
99	63.7	50.3	75.5

Manual Integrations
APPROVED

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

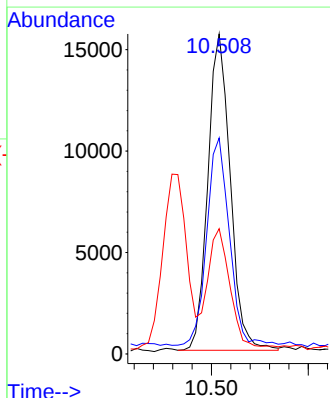
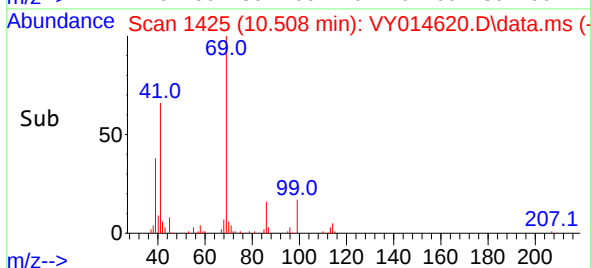


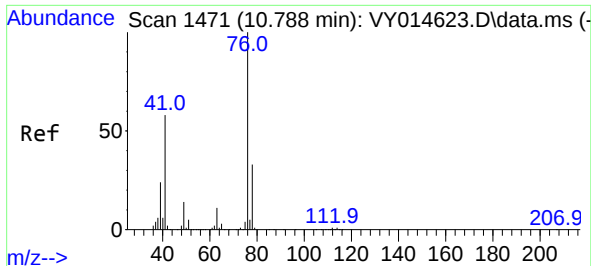
#56
Ethyl methacrylate
Concen: 4.737 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY014620.D
Acq: 13 Jul 2023 09:05



Tgt Ion: 69 Resp: 25112

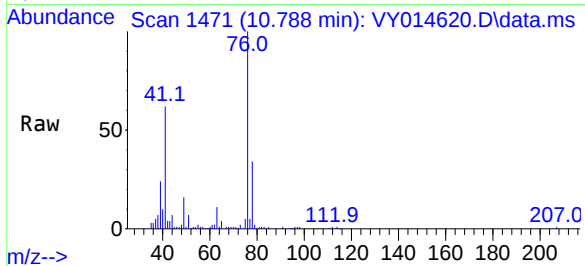
Ion	Ratio	Lower	Upper
69	100		
41	65.9	57.6	86.4
39	37.3	34.1	51.1





#57
1,3-Dichloropropane
Concen: 4.978 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY014620.D
Acq: 13 Jul 2023 09:05

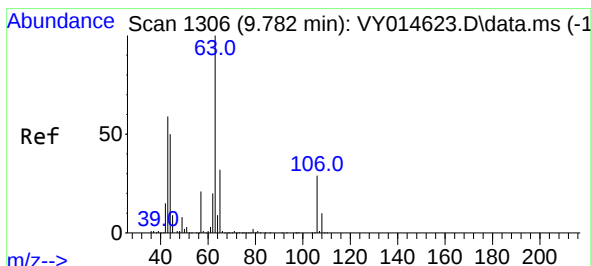
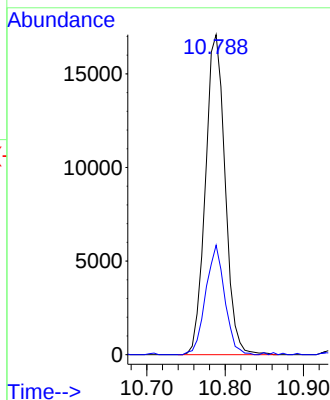
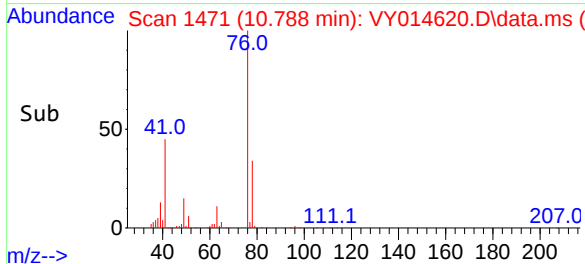
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



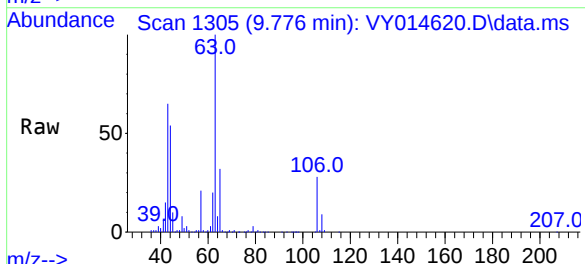
Tgt Ion: 76 Resp: 29810
Ion Ratio Lower Upper
76 100
78 33.1 25.3 37.9

Manual Integrations
APPROVED

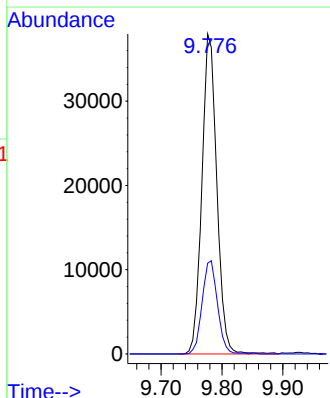
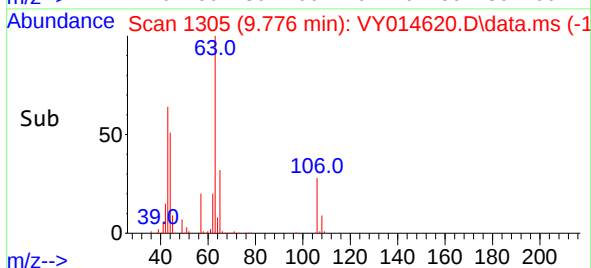
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

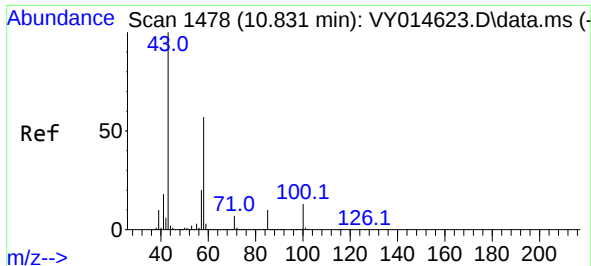


#58
2-Chloroethyl Vinyl ether
Concen: 26.185 ug/l
RT: 9.776 min Scan# 1305
Delta R.T. -0.006 min
Lab File: VY014620.D
Acq: 13 Jul 2023 09:05



Tgt Ion: 63 Resp: 64678
Ion Ratio Lower Upper
63 100
106 29.9 21.2 31.8





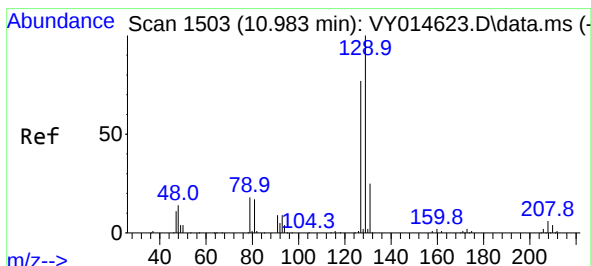
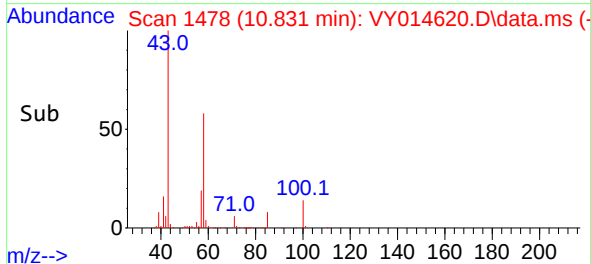
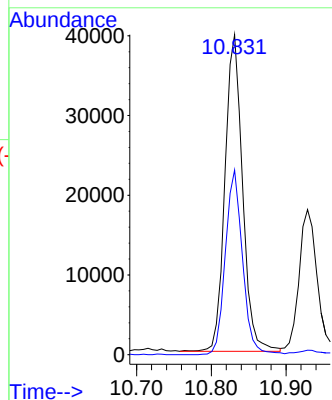
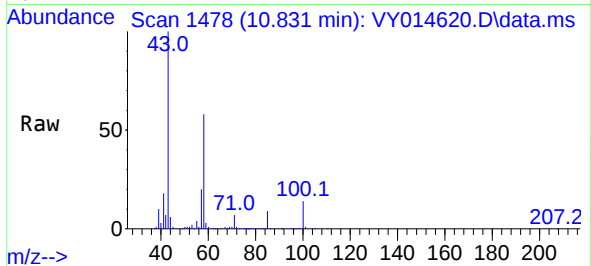
#59
2-Hexanone
Concen: 23.430 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY014620.D
Acq: 13 Jul 2023 09:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 6509
Ion Ratio Lower Upper
43 100
58 56.8 25.1 75.3

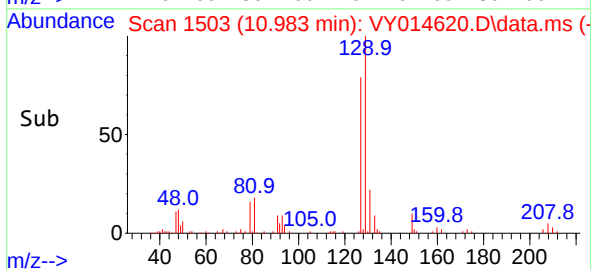
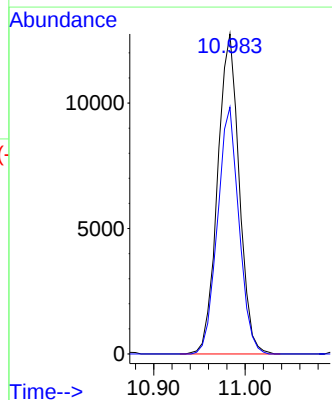
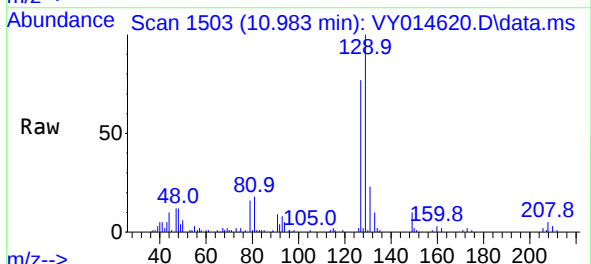
Manual Integrations
APPROVED

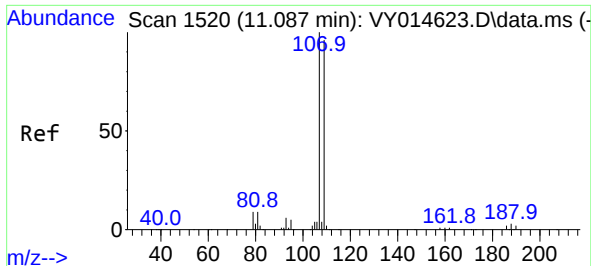
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#60
Dibromochloromethane
Concen: 4.927 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY014620.D
Acq: 13 Jul 2023 09:05

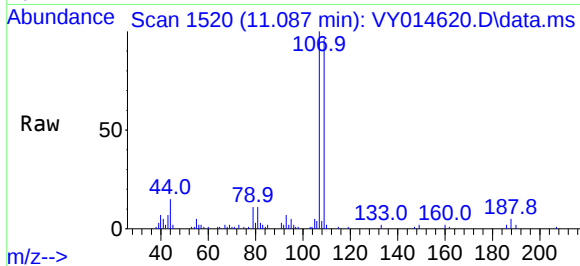
Tgt Ion:129 Resp: 20972
Ion Ratio Lower Upper
129 100
127 76.5 38.5 115.5





#61
1,2-Dibromoethane
Concen: 4.915 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY014620.D
Acq: 13 Jul 2023 09:05

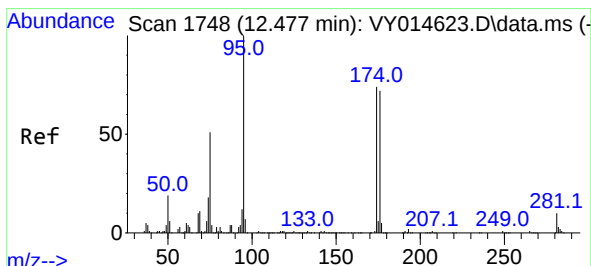
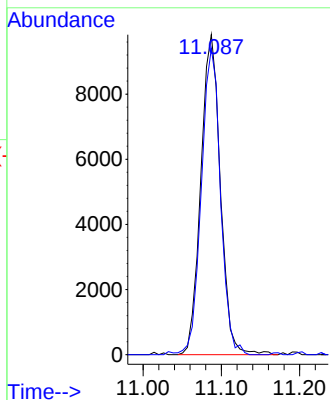
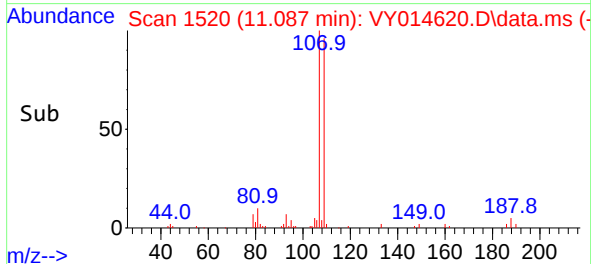
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



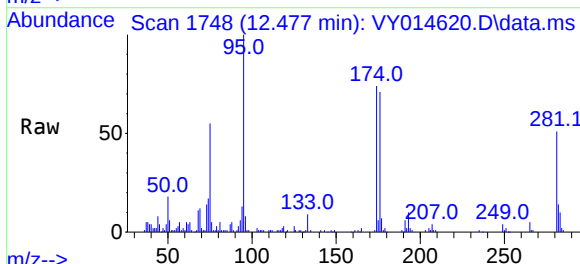
Tgt Ion:107 Resp: 1702
Ion Ratio Lower Upper
107 100
109 93.8 75.6 113.4

Manual Integrations
APPROVED

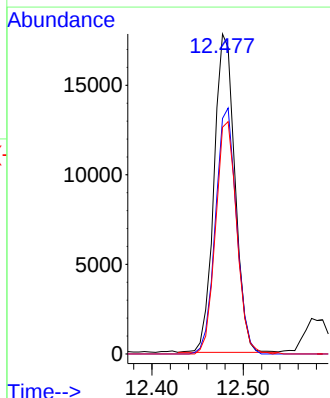
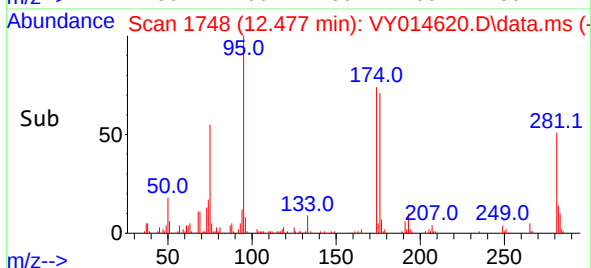
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

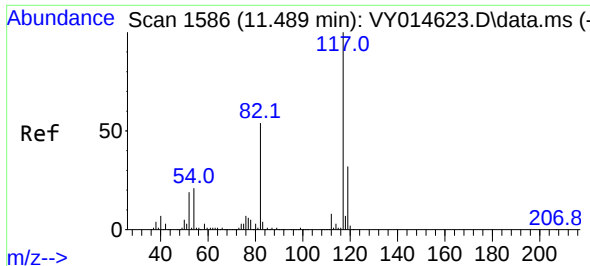


#62
4-Bromofluorobenzene
Concen: 5.400 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014620.D
Acq: 13 Jul 2023 09:05



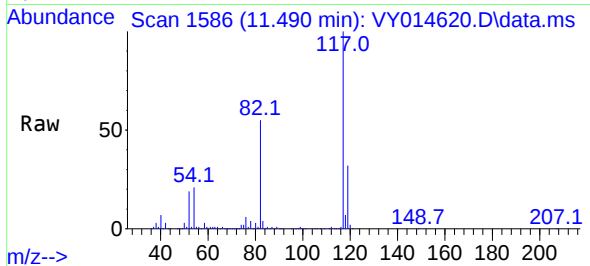
Tgt Ion: 95 Resp: 28239
Ion Ratio Lower Upper
95 100
174 77.4 0.0 178.2
176 73.8 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014620.D
Acq: 13 Jul 2023 09:05

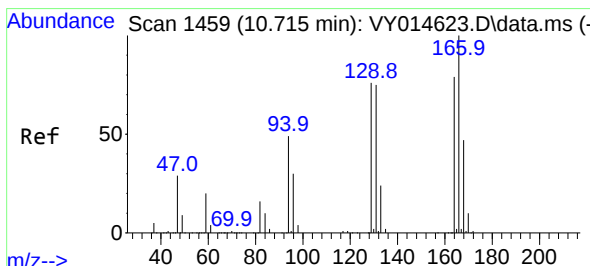
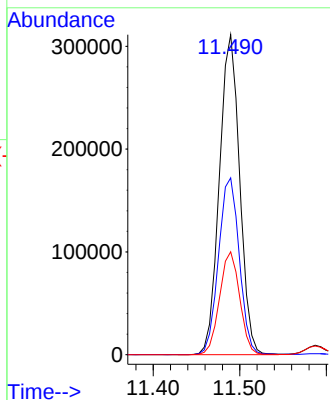
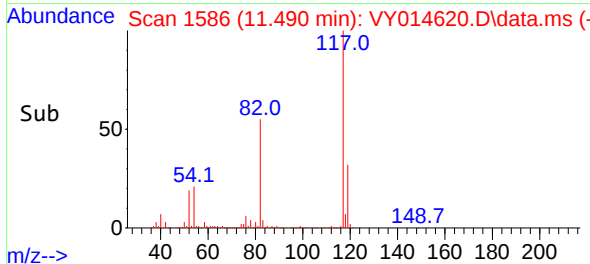
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



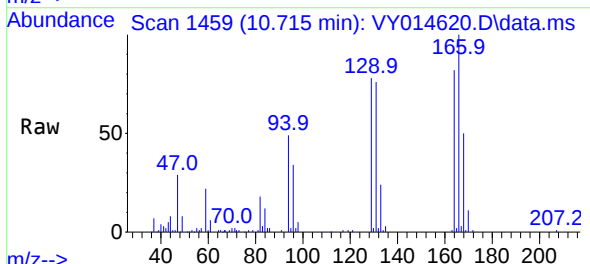
Tgt Ion:117 Resp: 506463
Ion Ratio Lower Upper
117 100
82 55.2 43.4 65.0
119 32.2 26.3 39.5

Manual Integrations
APPROVED

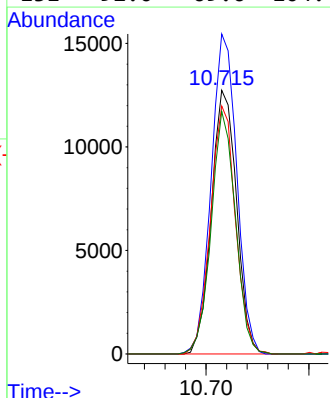
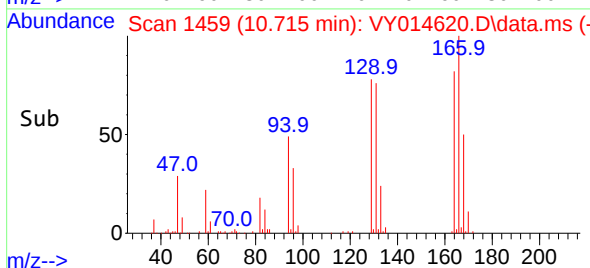
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

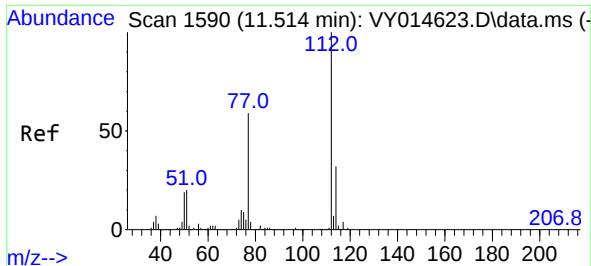


#64
Tetrachloroethene
Concen: 5.328 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY014620.D
Acq: 13 Jul 2023 09:05



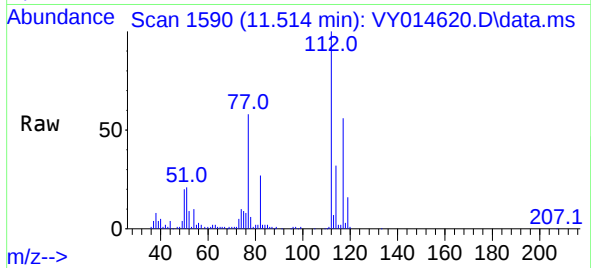
Tgt Ion:164 Resp: 21701
Ion Ratio Lower Upper
164 100
166 121.4 103.0 154.6
129 94.1 77.2 115.8
131 92.0 69.6 104.4





#65
Chlorobenzene
Concen: 5.081 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. -0.000 min
Lab File: VY014620.D
Acq: 13 Jul 2023 09:05

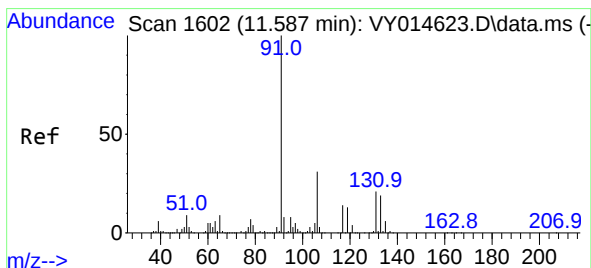
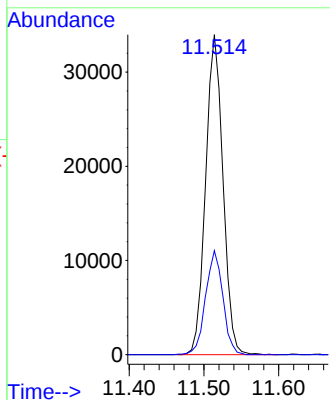
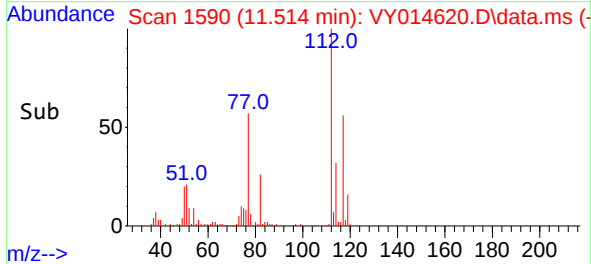
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



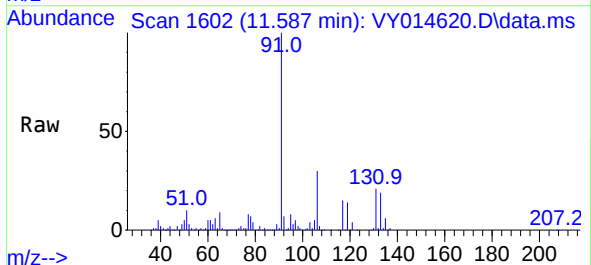
Tgt Ion:112 Resp: 54830
Ion Ratio Lower Upper
112 100
114 32.5 25.5 38.3

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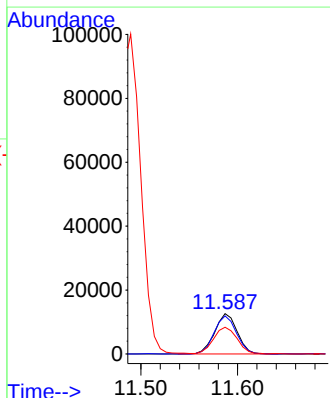
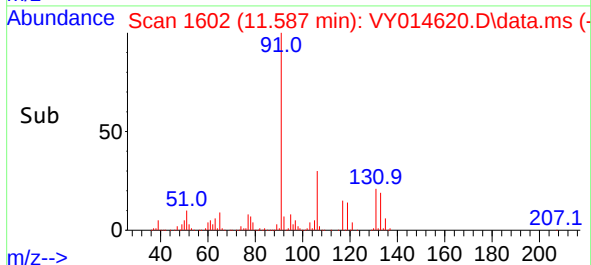
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

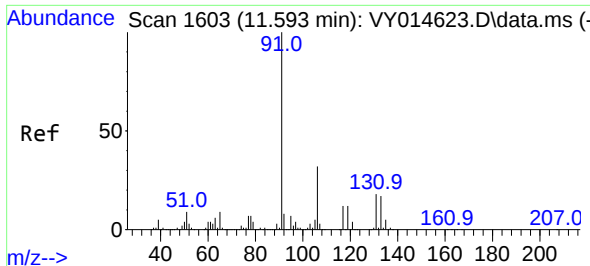


#66
1,1,1,2-Tetrachloroethane
Concen: 5.003 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY014620.D
Acq: 13 Jul 2023 09:05



Tgt Ion:131 Resp: 20358
Ion Ratio Lower Upper
131 100
133 94.1 47.5 142.6
119 70.0 31.6 94.7





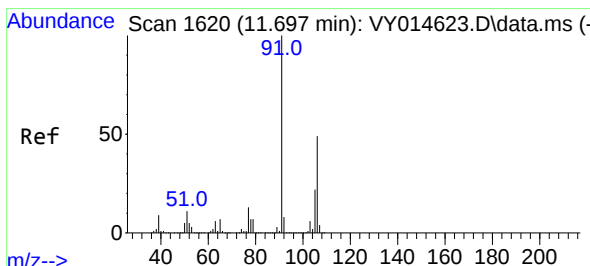
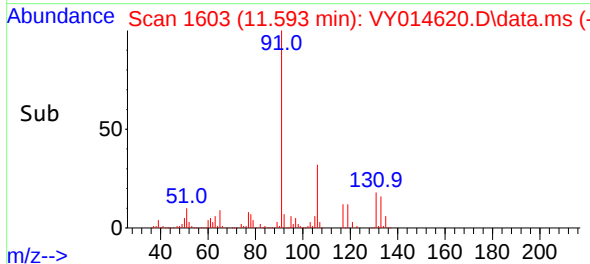
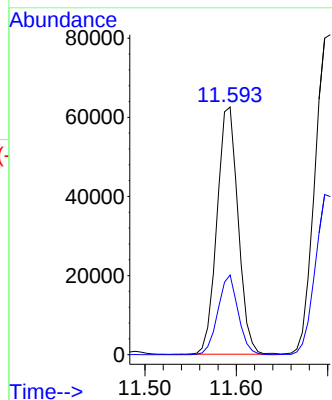
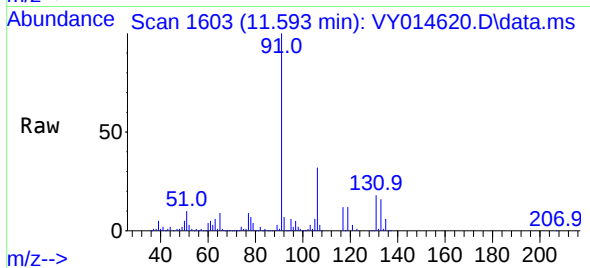
#67
Ethyl Benzene
Concen: 5.147 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY014620.D
Acq: 13 Jul 2023 09:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 10028
Ion Ratio Lower Upper
91 100
106 32.2 24.6 36.8

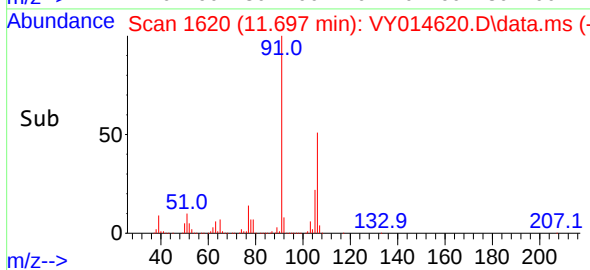
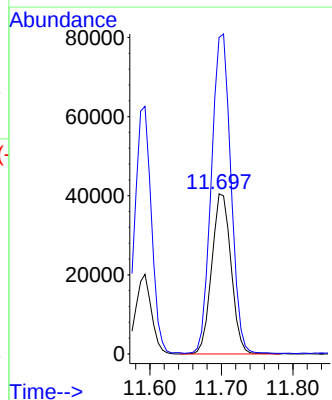
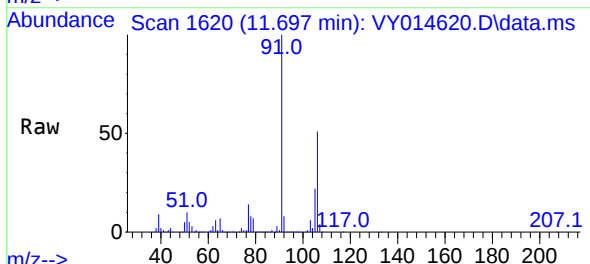
Manual Integrations
APPROVED

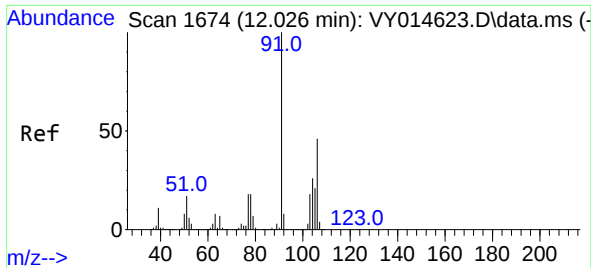
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#68
m/p-Xylenes
Concen: 10.217 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VY014620.D
Acq: 13 Jul 2023 09:05

Tgt Ion:106 Resp: 75998
Ion Ratio Lower Upper
106 100
91 201.0 166.1 249.1





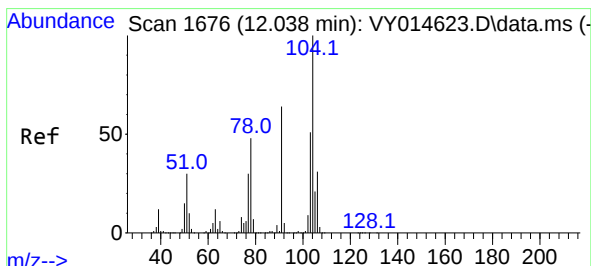
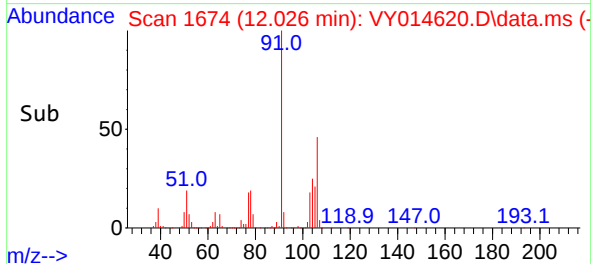
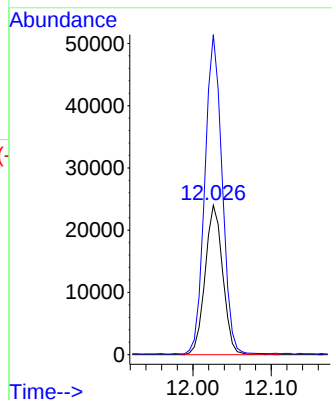
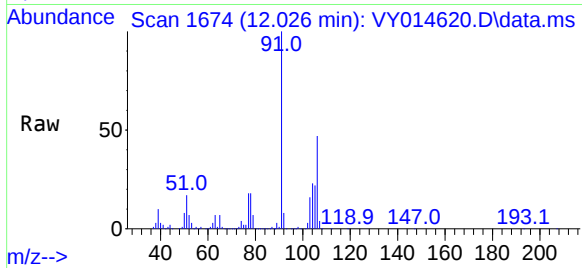
#69
o-Xylene
Concen: 5.172 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY014620.D
Acq: 13 Jul 2023 09:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 37469
Ion Ratio Lower Upper
106 100
91 209.3 108.1 324.3

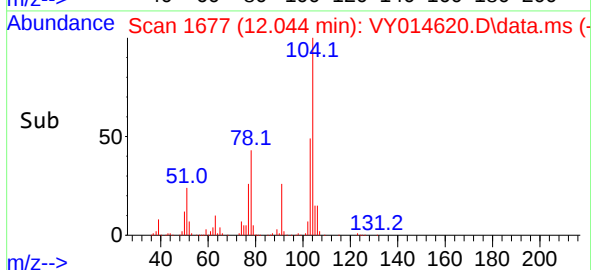
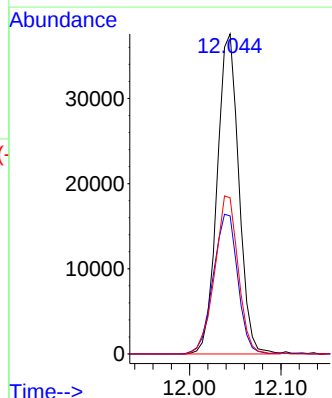
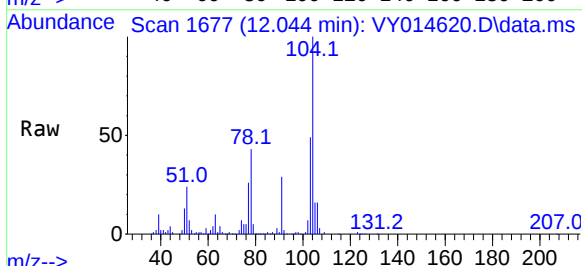
Manual Integrations
APPROVED

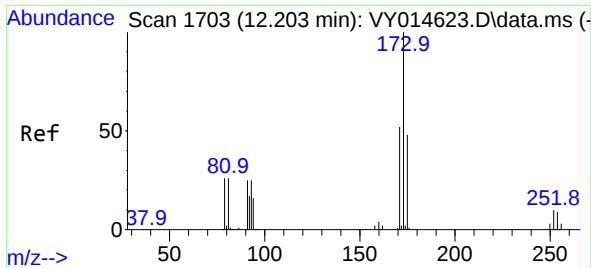
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#70
Styrene
Concen: 5.081 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VY014620.D
Acq: 13 Jul 2023 09:05

Tgt Ion:104 Resp: 62041
Ion Ratio Lower Upper
104 100
78 49.3 41.5 62.3
103 53.4 44.6 67.0





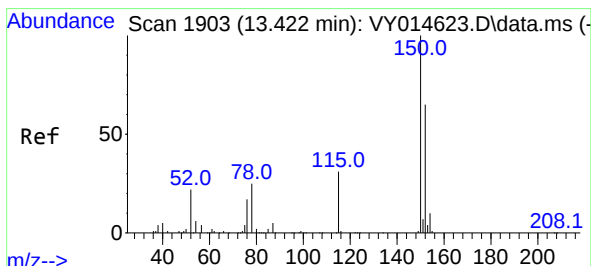
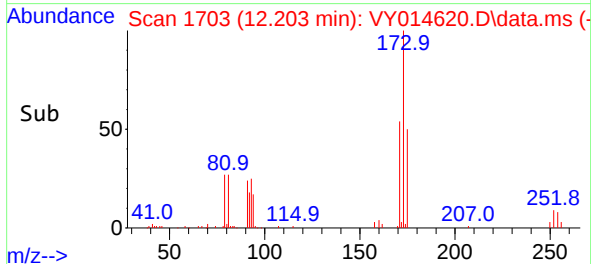
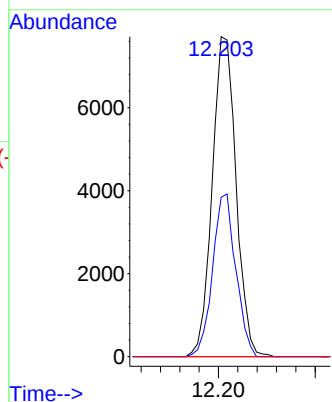
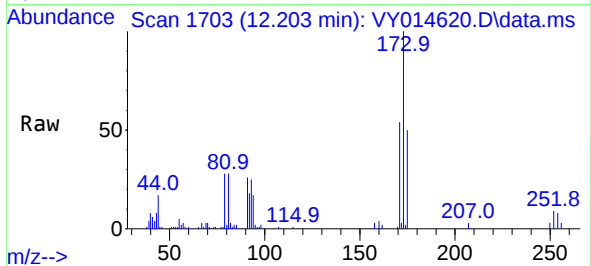
#71
Bromoform
Concen: 4.779 ug/l
RT: 12.203 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VY014620.D
Acq: 13 Jul 2023 09:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:173 Resp: 1318
Ion Ratio Lower Upper
173 100
175 49.4 24.6 73.8
254 0.0 0.2 0.2

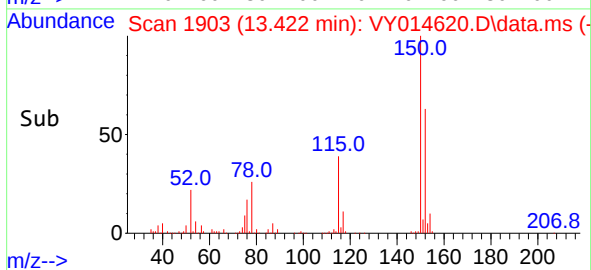
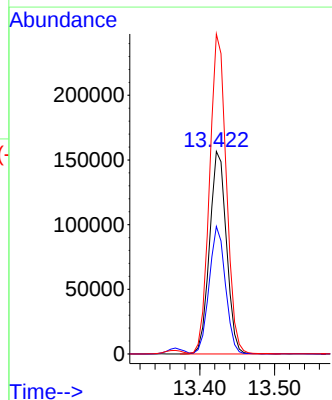
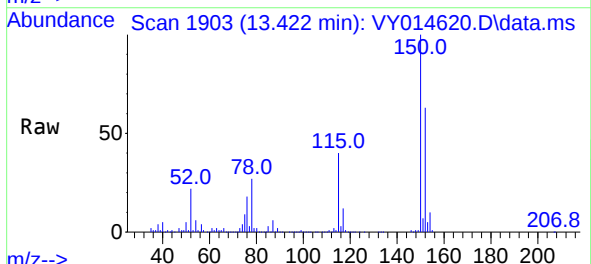
Manual Integrations
APPROVED

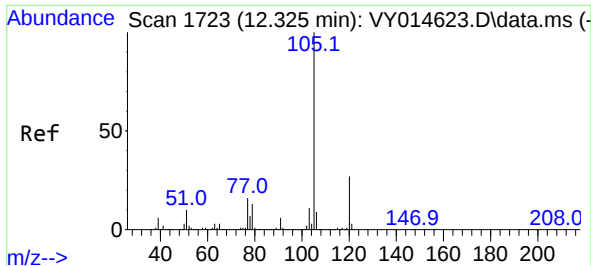
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY014620.D
Acq: 13 Jul 2023 09:05

Tgt Ion:152 Resp: 244875
Ion Ratio Lower Upper
152 100
115 60.8 28.8 86.5
150 157.2 0.0 348.8





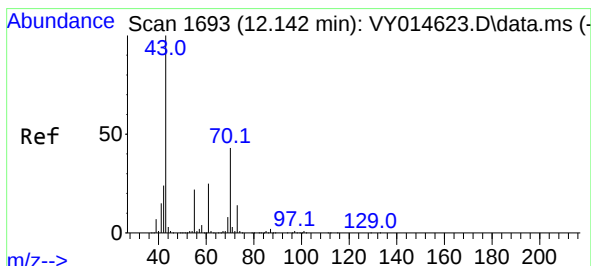
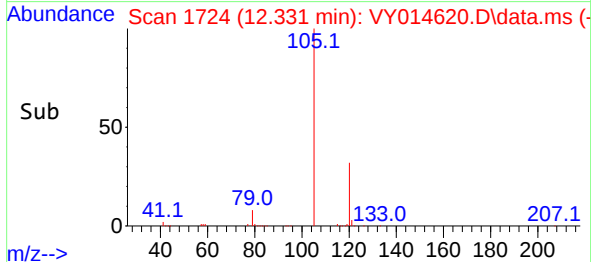
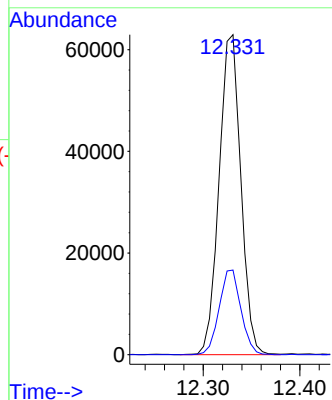
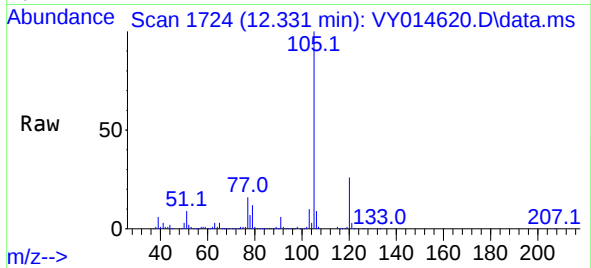
#73
Isopropylbenzene
Concen: 5.122 ug/l
RT: 12.331 min Scan# 1723
Delta R.T. 0.006 min
Lab File: VY014620.D
Acq: 13 Jul 2023 09:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:105 Resp: 98210
Ion Ratio Lower Upper
105 100
120 26.5 13.3 39.9

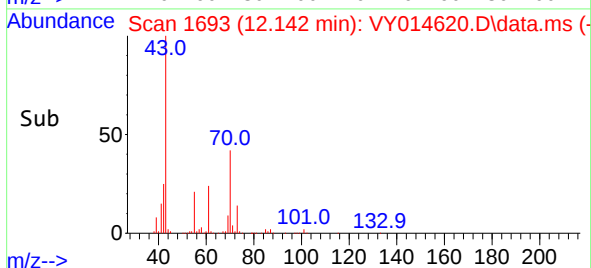
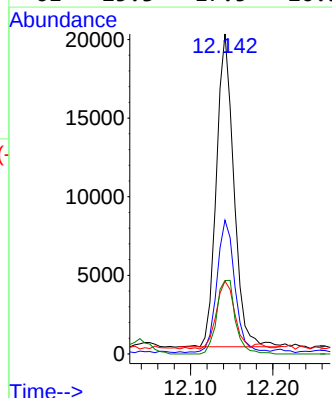
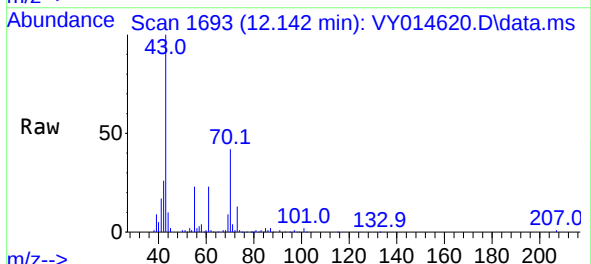
Manual Integrations
APPROVED

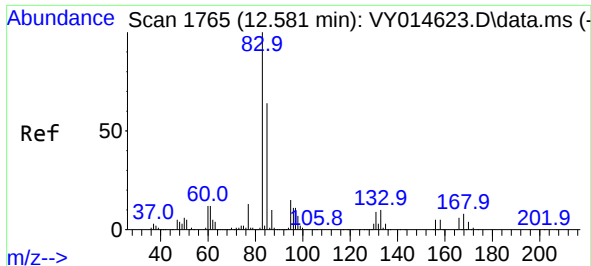
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#74
N-amy1 acetate
Concen: 4.562 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY014620.D
Acq: 13 Jul 2023 09:05

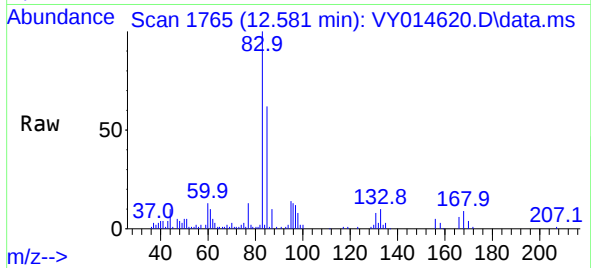
Tgt Ion: 43 Resp: 29298
Ion Ratio Lower Upper
43 100
70 43.7 29.7 44.5
55 22.6 18.3 27.5
61 25.3 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 4.904 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY014620.D
Acq: 13 Jul 2023 09:05

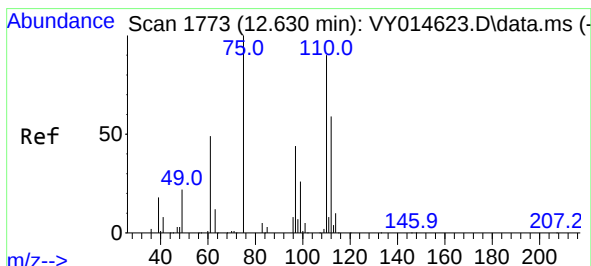
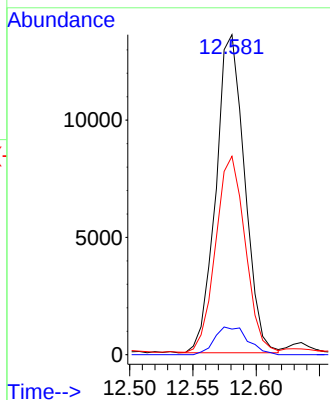
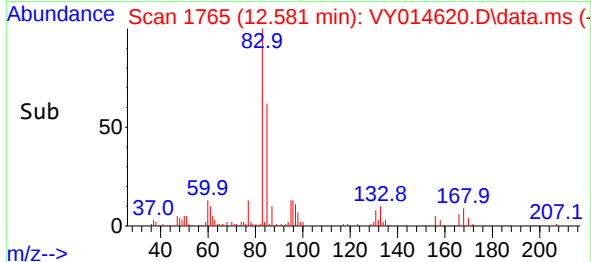
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



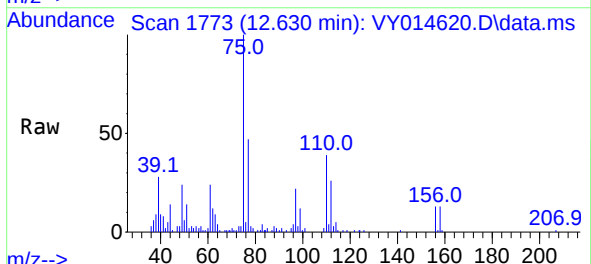
Tgt Ion: 83 Resp: 2144
Ion Ratio Lower Upper
83 100
131 10.1 5.4 16.2
85 63.2 31.8 95.4

Manual Integrations
APPROVED

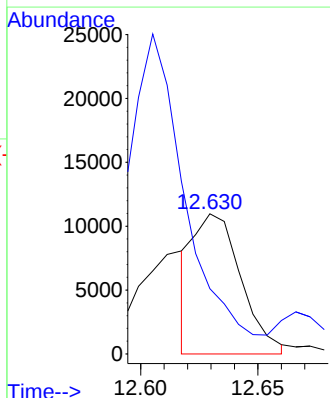
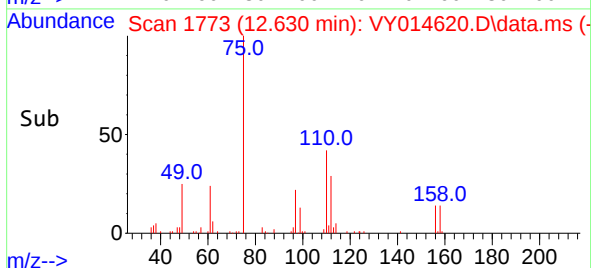
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

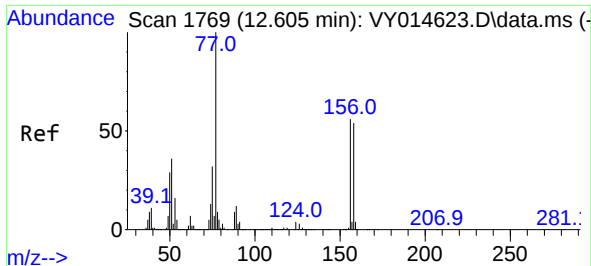


#76
1,2,3-Trichloropropane
Concen: 4.960 ug/l m
RT: 12.630 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY014620.D
Acq: 13 Jul 2023 09:05



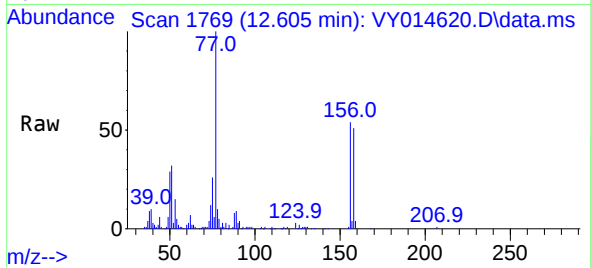
Tgt Ion: 75 Resp: 15542
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 4.925 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY014620.D
Acq: 13 Jul 2023 09:05

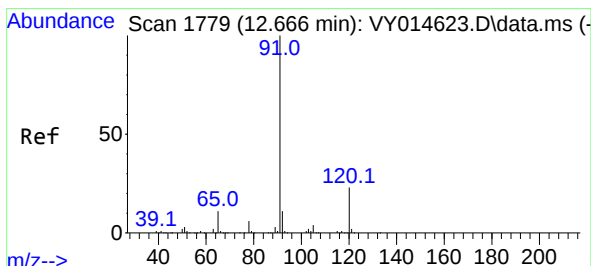
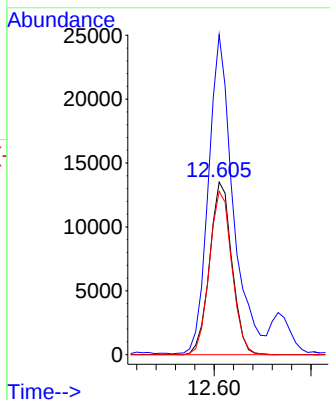
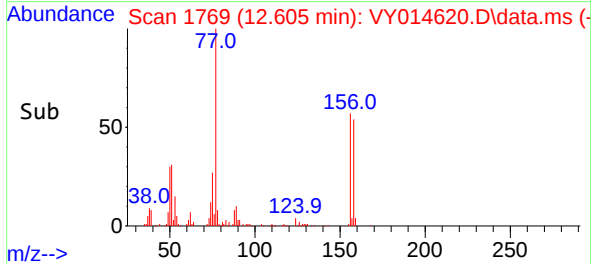
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



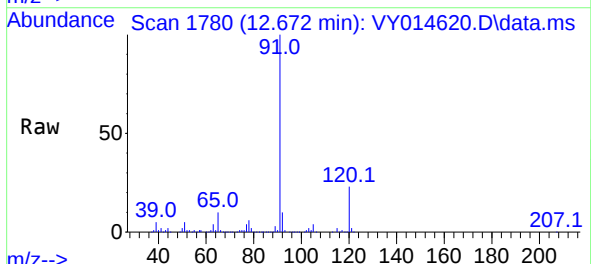
Tgt Ion:156 Resp: 21554
Ion Ratio Lower Upper
156 100
77 204.9 92.8 278.6
158 95.4 48.4 145.3

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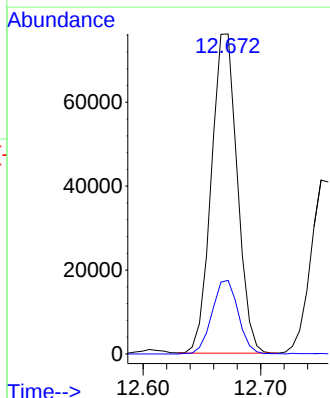
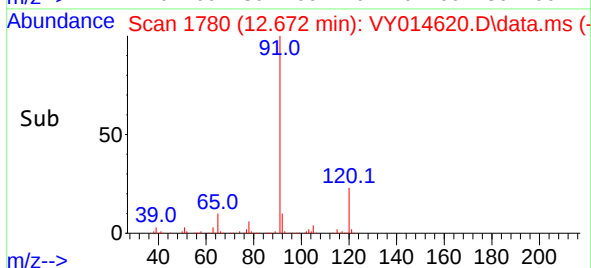
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

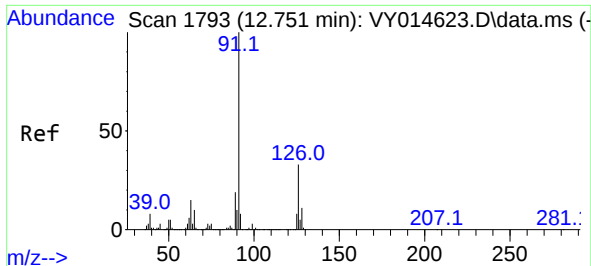


#78
n-propylbenzene
Concen: 5.060 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VY014620.D
Acq: 13 Jul 2023 09:05



Tgt Ion: 91 Resp: 116920
Ion Ratio Lower Upper
91 100
120 23.3 11.5 34.4





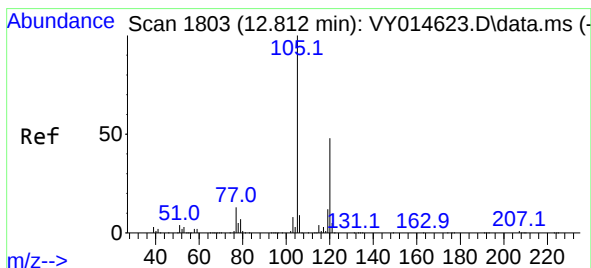
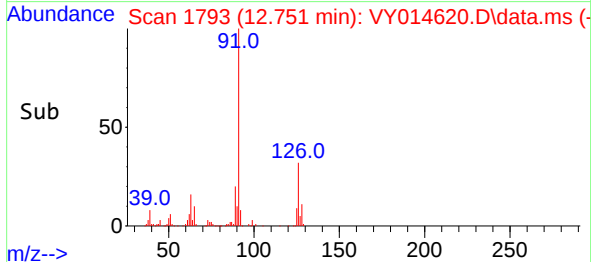
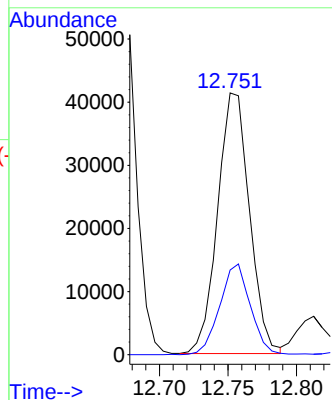
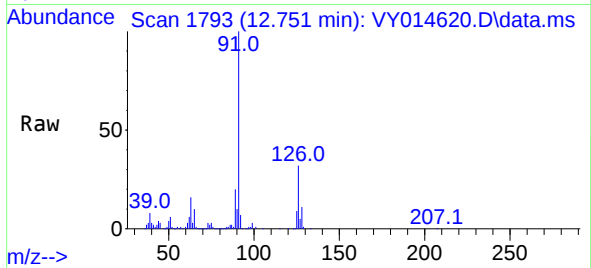
#79
2-Chlorotoluene
Concen: 5.027 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VY014620.D
Acq: 13 Jul 2023 09:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 6689
Ion Ratio Lower Upper
91 100
126 33.4 17.3 51.7

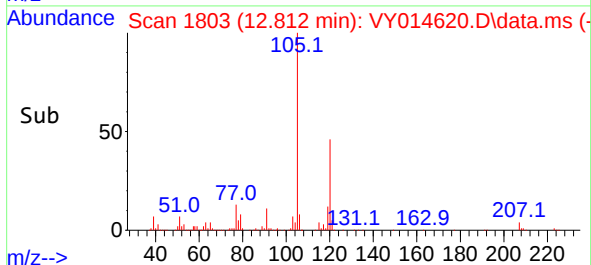
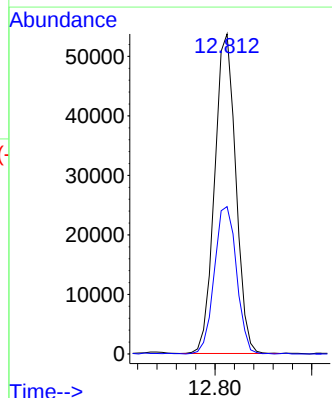
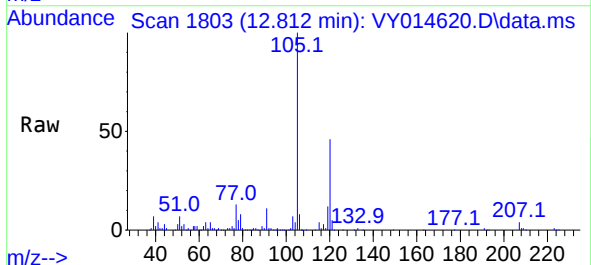
Manual Integrations
APPROVED

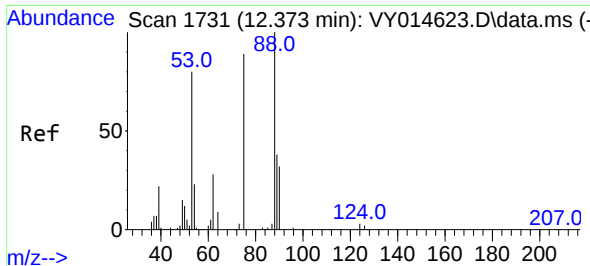
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#80
1,3,5-Trimethylbenzene
Concen: 5.075 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY014620.D
Acq: 13 Jul 2023 09:05

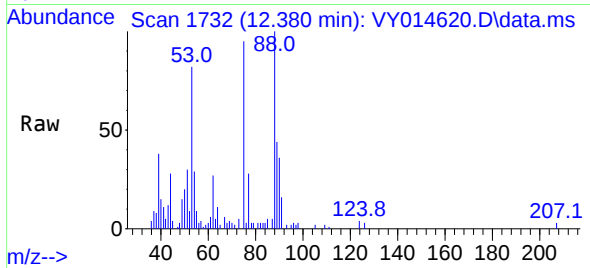
Tgt Ion:105 Resp: 81264
Ion Ratio Lower Upper
105 100
120 48.5 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 4.825 ug/l
RT: 12.380 min Scan# 1731
Delta R.T. 0.007 min
Lab File: VY014620.D
Acq: 13 Jul 2023 09:05

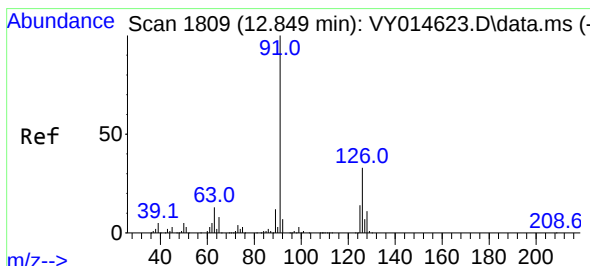
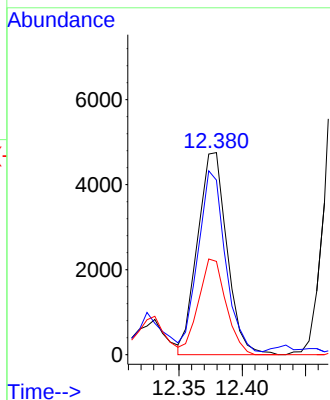
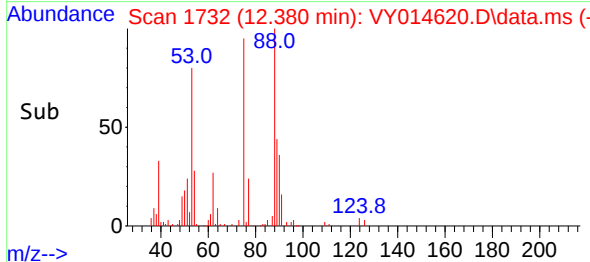
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



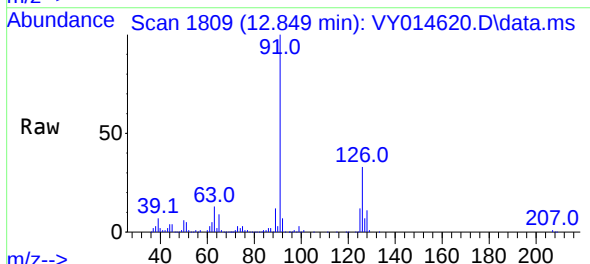
Tgt Ion: 75 Resp: 770
Ion Ratio Lower Upper
75 100
53 82.3 77.8 116.8
89 44.6 37.4 56.0

Manual Integrations
APPROVED

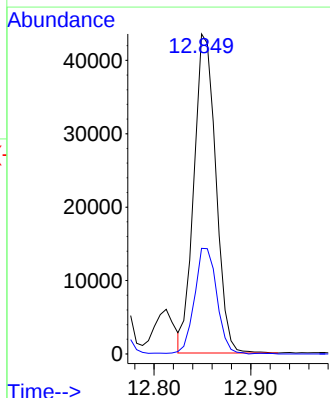
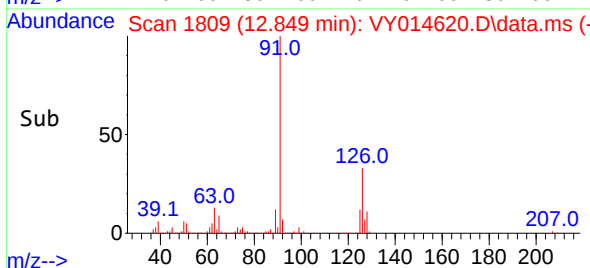
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

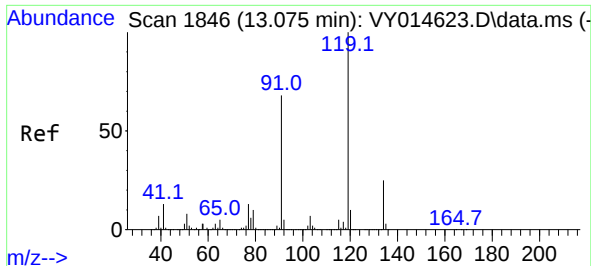


#82
4-Chlorotoluene
Concen: 4.994 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY014620.D
Acq: 13 Jul 2023 09:05



Tgt Ion: 91 Resp: 68453
Ion Ratio Lower Upper
91 100
126 33.8 17.2 51.6





#83
tert-Butylbenzene
Concen: 5.028 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY014620.D
Acq: 13 Jul 2023 09:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

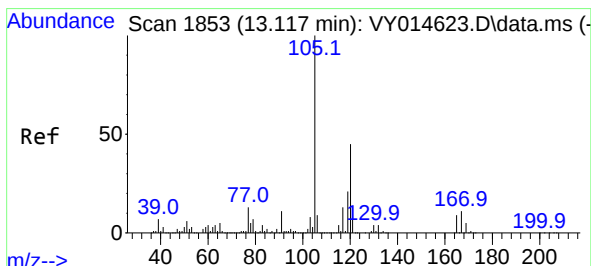
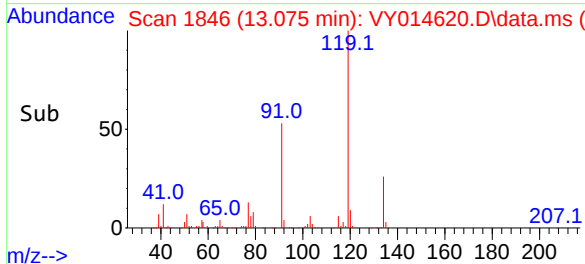
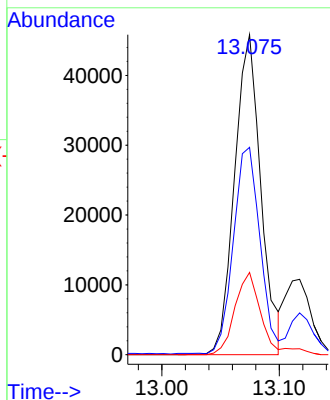
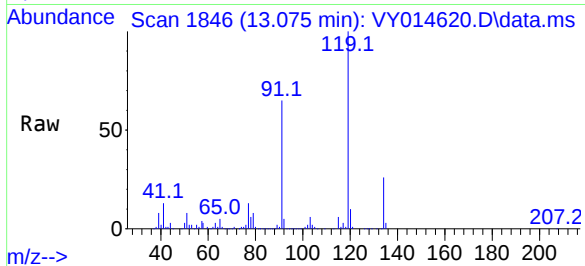
Tgt Ion:119 Resp: 7142
Ion Ratio Lower Upper
119 100
91 65.0 32.9 98.6
134 26.1 13.0 38.9

Manual Integrations

APPROVED

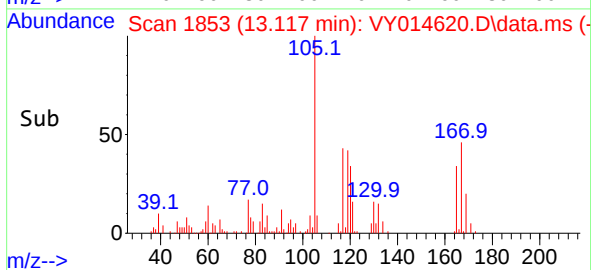
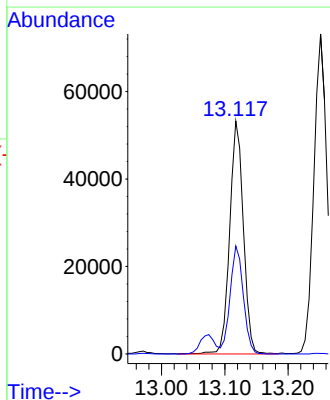
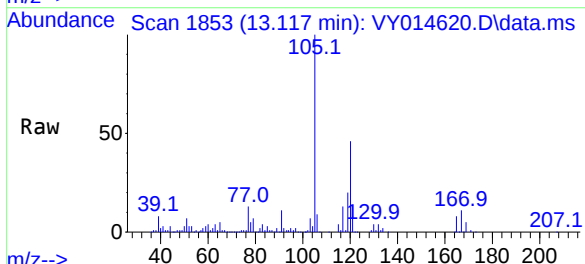
Reviewed By :John Carlone 07/14/2023

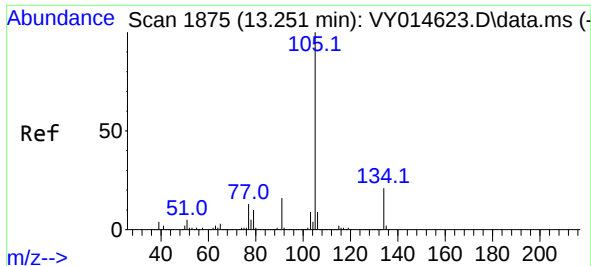
Supervised By :Mahesh Dadoda 07/14/2023



#84
1,2,4-Trimethylbenzene
Concen: 5.096 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY014620.D
Acq: 13 Jul 2023 09:05

Tgt Ion:105 Resp: 80086
Ion Ratio Lower Upper
105 100
120 44.6 22.2 66.6





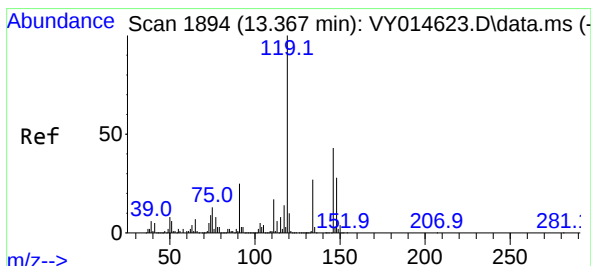
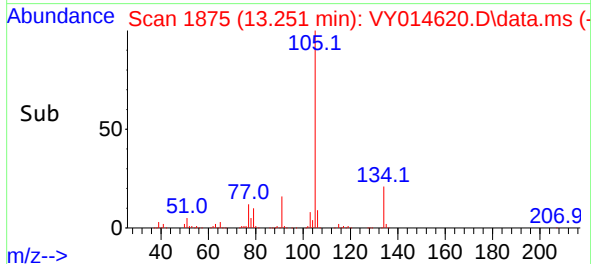
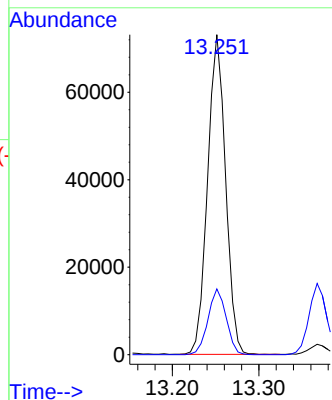
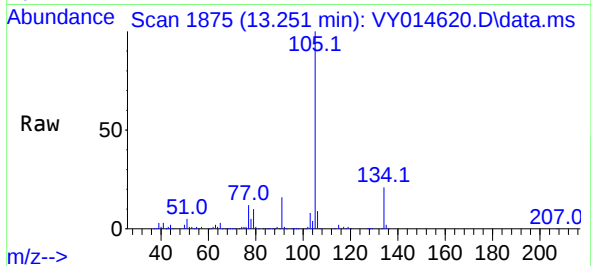
#85
 sec-Butylbenzene
 Concen: 5.061 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY014620.D
 Acq: 13 Jul 2023 09:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 105449
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.2 30.6

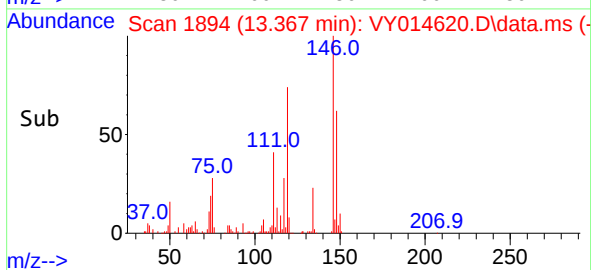
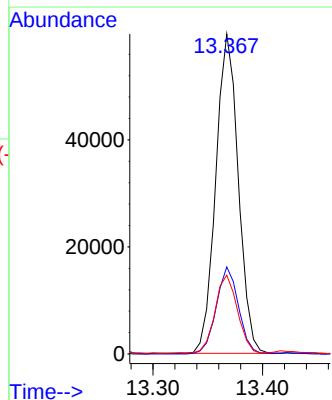
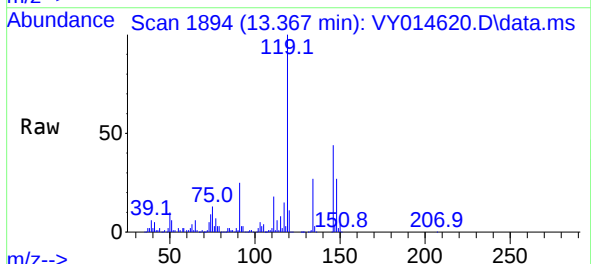
Manual Integrations
 APPROVED

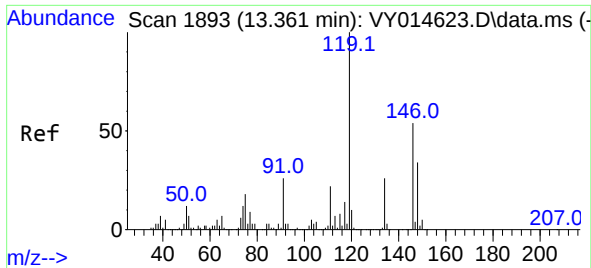
Reviewed By :John Carlone 07/14/2023
 Supervised By :Mahesh Dadoda 07/14/2023



#86
 p-Isopropyltoluene
 Concen: 5.013 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY014620.D
 Acq: 13 Jul 2023 09:05

Tgt Ion:119 Resp: 85279
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.3 39.8
 91 24.5 12.4 37.4





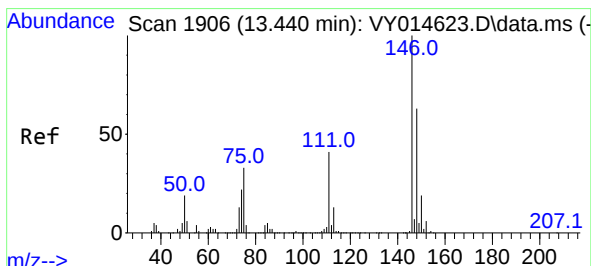
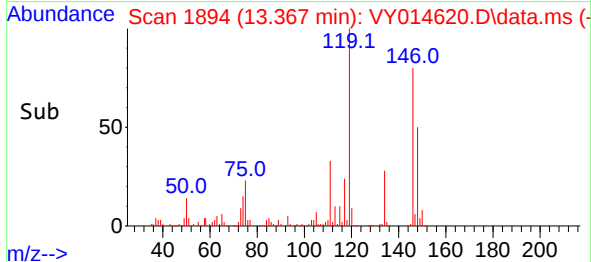
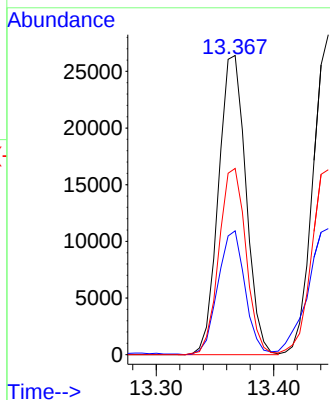
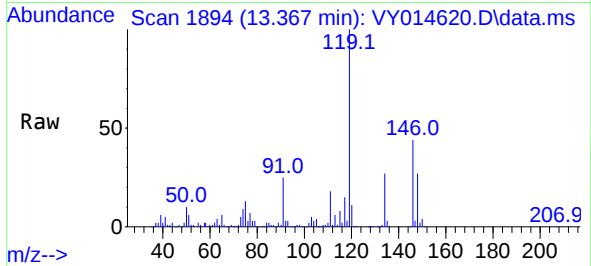
#87
1,3-Dichlorobenzene
Concen: 5.029 ug/l
RT: 13.367 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014620.D
Acq: 13 Jul 2023 09:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 4284
Ion Ratio Lower Upper
146 100
111 41.0 19.4 58.2
148 61.4 31.9 95.5

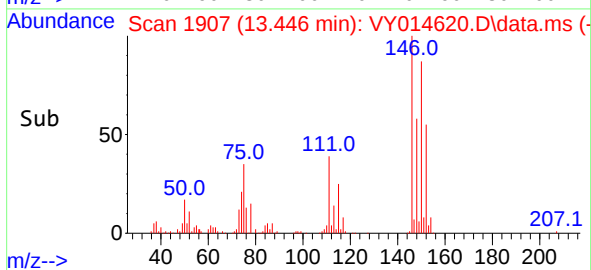
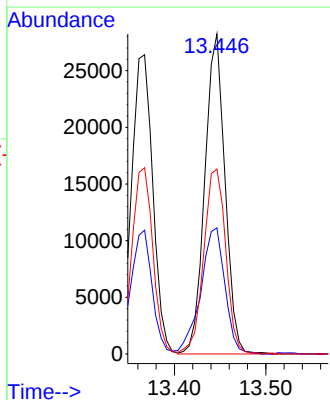
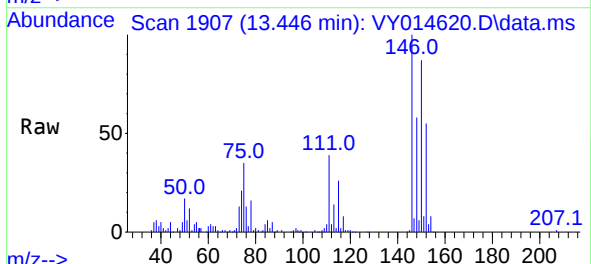
Manual Integrations
APPROVED

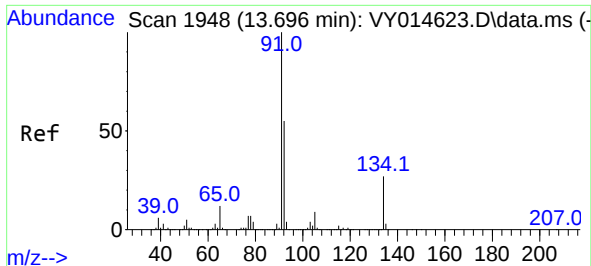
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#88
1,4-Dichlorobenzene
Concen: 5.068 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VY014620.D
Acq: 13 Jul 2023 09:05

Tgt Ion:146 Resp: 43258
Ion Ratio Lower Upper
146 100
111 47.5 18.9 56.7
148 63.2 32.1 96.5





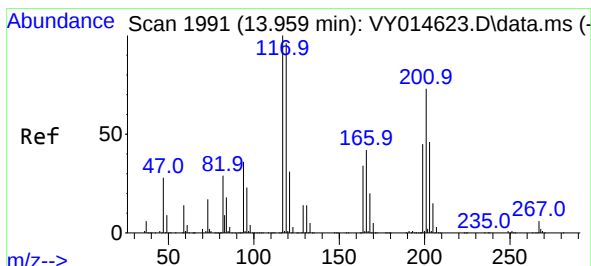
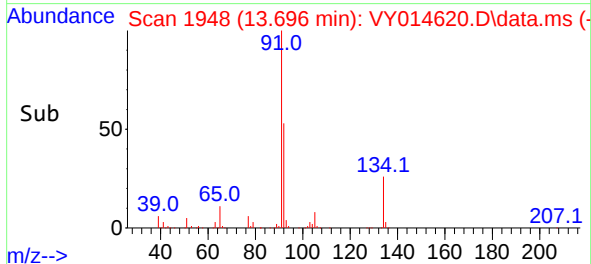
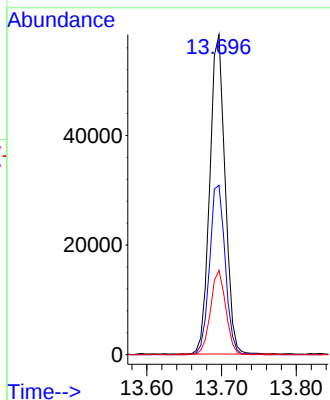
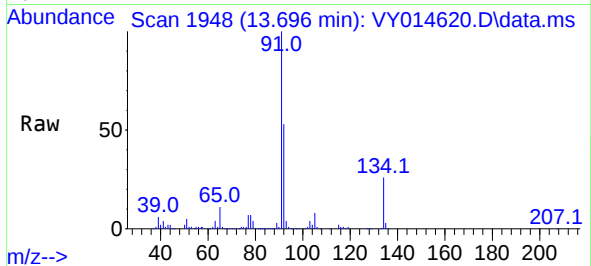
#89
n-Butylbenzene
Concen: 5.013 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY014620.D
Acq: 13 Jul 2023 09:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 82970
Ion Ratio Lower Upper
91 100
92 54.3 25.4 76.0
134 26.3 12.6 37.6

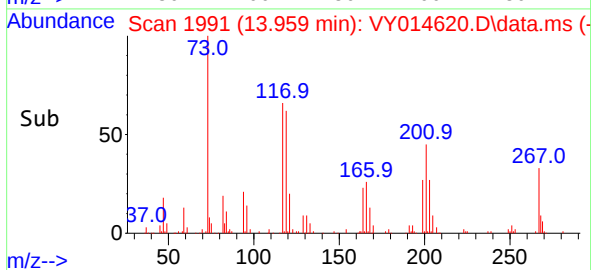
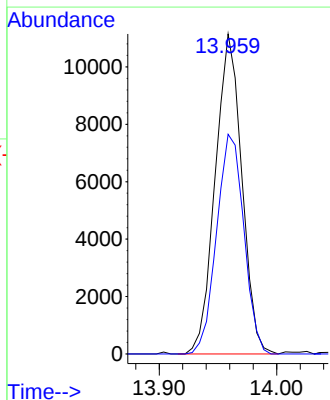
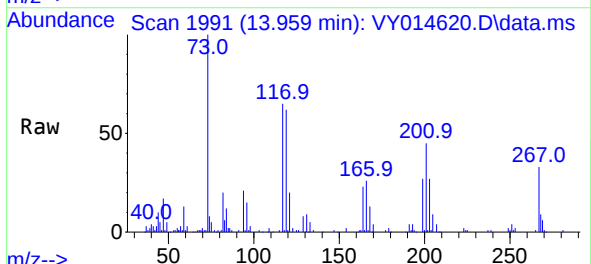
Manual Integrations
APPROVED

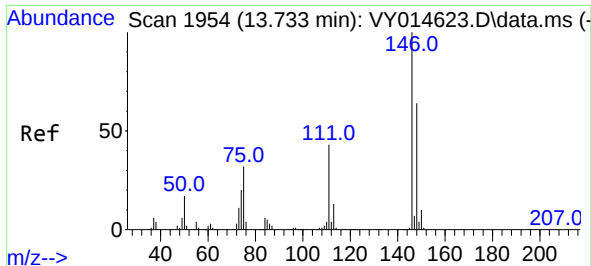
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#90
Hexachloroethane
Concen: 5.014 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY014620.D
Acq: 13 Jul 2023 09:05

Tgt Ion:117 Resp: 17520
Ion Ratio Lower Upper
117 100
201 70.4 41.6 124.8





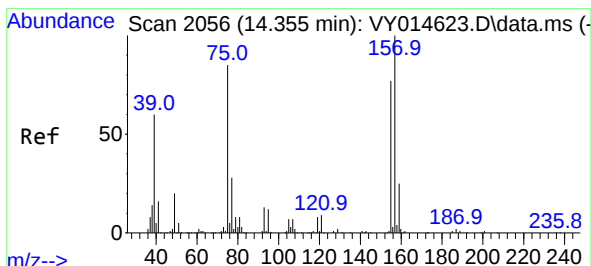
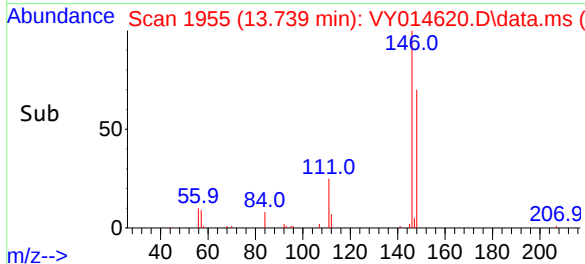
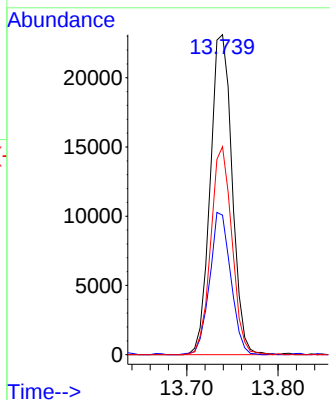
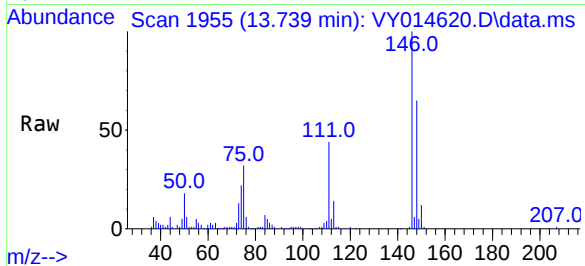
#91
1,2-Dichlorobenzene
Concen: 4.915 ug/l
RT: 13.739 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VY014620.D
Acq: 13 Jul 2023 09:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 3835
Ion Ratio Lower Upper
146 100
111 42.9 19.7 59.0
148 63.1 32.0 96.2

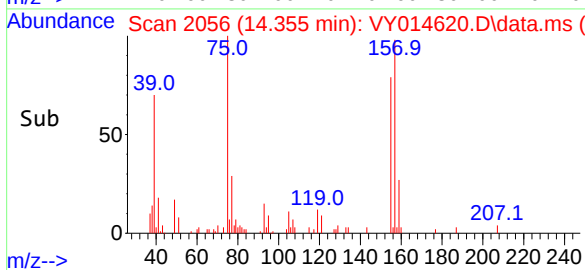
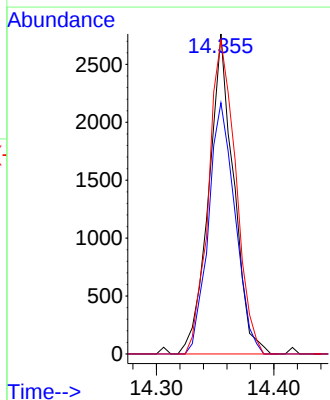
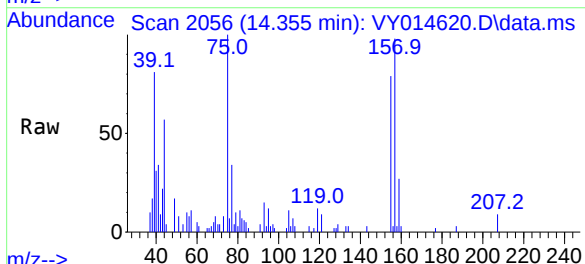
Manual Integrations
APPROVED

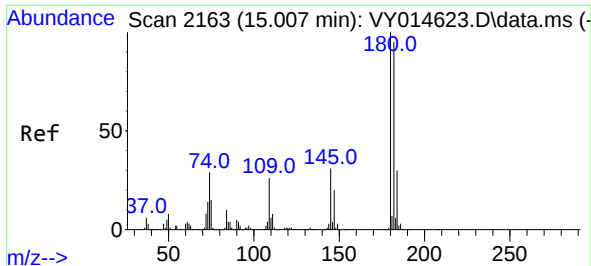
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.870 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY014620.D
Acq: 13 Jul 2023 09:05

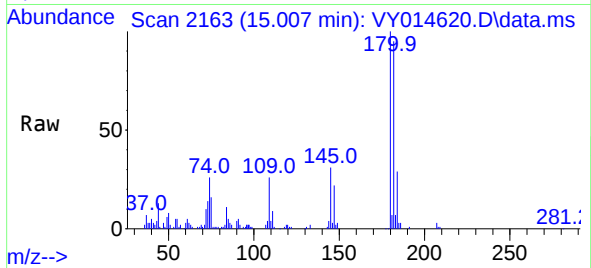
Tgt Ion: 75 Resp: 4072
Ion Ratio Lower Upper
75 100
155 83.9 41.5 124.6
157 107.0 51.8 155.5





#93
1,2,4-Trichlorobenzene
Concen: 4.660 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY014620.D
Acq: 13 Jul 2023 09:05

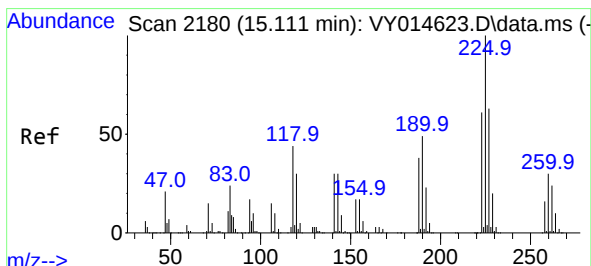
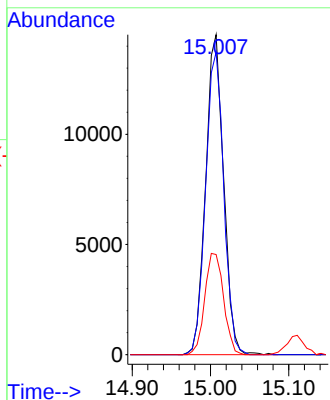
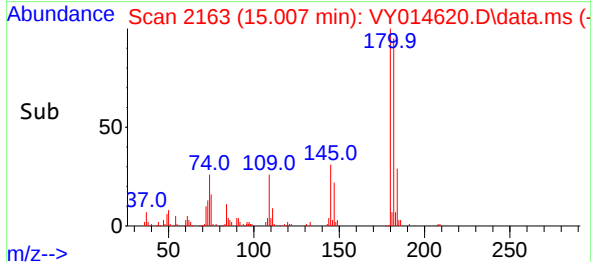
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



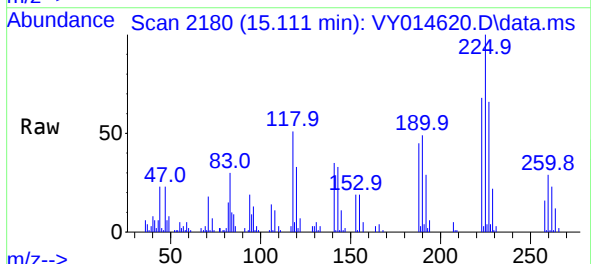
Tgt Ion:180 Resp: 2308
Ion Ratio Lower Upper
180 100
182 95.6 47.0 141.2
145 33.2 14.5 43.5

Manual Integrations
APPROVED

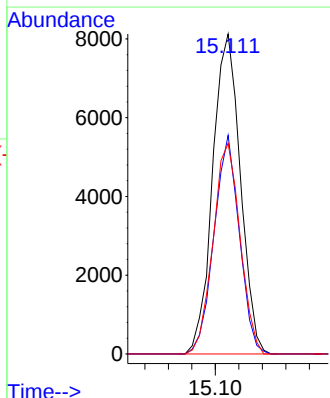
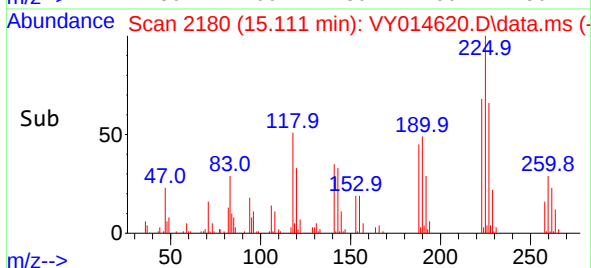
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

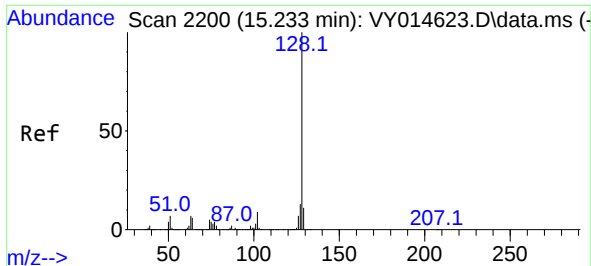


#94
Hexachlorobutadiene
Concen: 4.882 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY014620.D
Acq: 13 Jul 2023 09:05



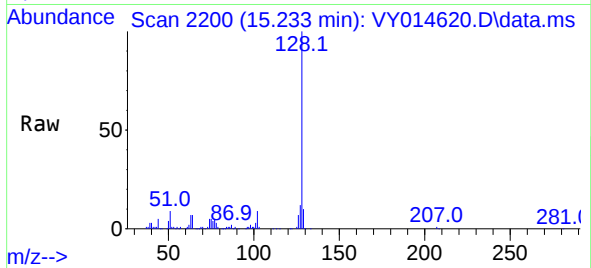
Tgt Ion:225 Resp: 13291
Ion Ratio Lower Upper
225 100
223 62.5 31.9 95.9
227 64.2 33.0 98.9





#95
Naphthalene
Concen: 4.483 ug/l
RT: 15.233 min Scan# 2114
Delta R.T. -0.000 min
Lab File: VY014620.D
Acq: 13 Jul 2023 09:05

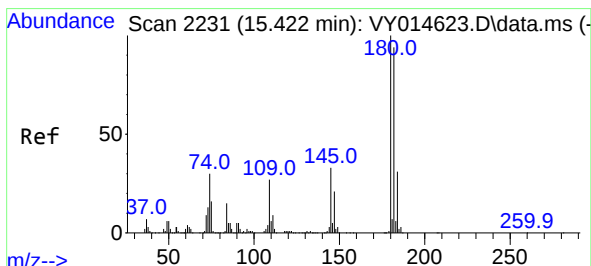
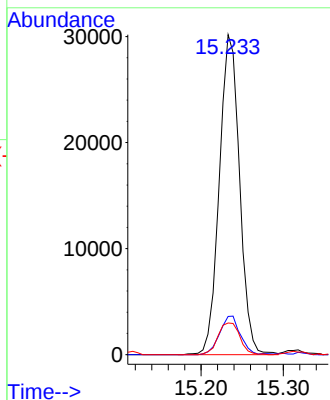
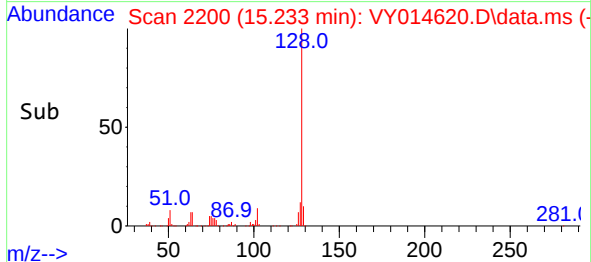
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



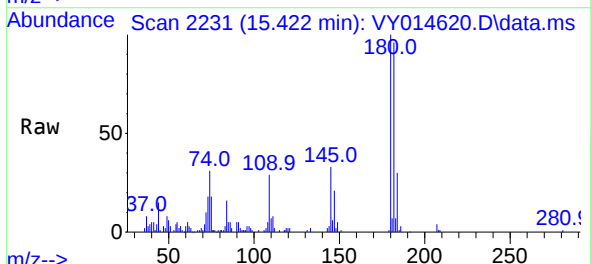
Tgt Ion:128 Resp: 5174
Ion Ratio Lower Upper
128 100
127 12.5 10.8 16.2
129 10.8 8.6 13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 4.607 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY014620.D
Acq: 13 Jul 2023 09:05



Tgt Ion:180 Resp: 20285
Ion Ratio Lower Upper
180 100
182 96.6 47.3 141.8
145 34.5 15.4 46.2

