

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010522\
 Data File : VY007014.D
 Acq On : 05 Jan 2022 12:23
 Operator : SY/MD
 Sample : VSTDICC010
 Misc : 5.00g/10.0mL/MSVOA_Y/soil
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Quant Time: Jan 06 04:28:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 06 04:16:58 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/06/2022
 Supervised By : Mahesh Dadoda 01/06/2022

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	180415	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	304790	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	267945	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	121150	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	21096	10.434	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	20.860%#		
35) Dibromofluoromethane	7.722	113	20053	11.504	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	23.000%#		
50) Toluene-d8	10.185	98	74490	10.468	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	20.940%#		
62) 4-Bromofluorobenzene	12.489	95	28743	11.696	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	23.400%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.918	85	5115	3.099	ug/l	96
3) Chloromethane	2.119	50	14754	7.402	ug/l	96
4) Vinyl Chloride	2.259	62	16674	7.220	ug/l	99
5) Bromomethane	2.668	94	11627	7.661	ug/l	97
6) Chloroethane	2.802	64	10586	7.810	ug/l	97
7) Trichlorofluoromethane	3.137	101	20678	6.931	ug/l	95
8) Diethyl Ether	3.527	74	11066	10.267	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.905	101	21313	11.988	ug/l	97
10) Methyl Iodide	4.094	142	32905	15.700	ug/l	99
11) Tert butyl alcohol	4.948	59	9445	53.877	ug/l	99
12) 1,1-Dichloroethene	3.881	96	21892	12.066	ug/l	96
13) Acrolein	3.735	56	2528	25.958	ug/l	91
14) Allyl chloride	4.485	41	34193	10.282	ug/l	99
15) Acrylonitrile	5.173	53	26322	46.699	ug/l	96
16) Acetone	3.948	43	21386	41.346	ug/l	91
17) Carbon Disulfide	4.198	76	64736	10.955	ug/l	98
18) Methyl Acetate	4.485	43	20001	10.629	ug/l	98
19) Methyl tert-butyl Ether	5.222	73	39475	8.193	ug/l	99
20) Methylene Chloride	4.716	84	59982	25.746	ug/l	92
21) trans-1,2-Dichloroethene	5.228	96	23331	11.669	ug/l	91
22) Diisopropyl ether	6.124	45	63640	9.725	ug/l	96
23) Vinyl Acetate	6.064	43	186276	47.037	ug/l	99
24) 1,1-Dichloroethane	6.021	63	39974	11.030	ug/l	96
25) 2-Butanone	6.990	43	31419	42.605	ug/l	96
26) 2,2-Dichloropropane	6.984	77	31473	9.899	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	26501	11.871	ug/l	100
28) Bromochloromethane	7.338	49	12580	8.402	ug/l	97
29) Tetrahydrofuran	7.356	42	22874	46.708	ug/l	99
30) Chloroform	7.508	83	41484	11.361	ug/l	98
31) Cyclohexane	7.795	56	41614	11.008	ug/l #	89
32) 1,1,1-Trichloroethane	7.710	97	38394	11.510	ug/l	99
36) 1,1-Dichloropropene	7.923	75	33028	10.471	ug/l	99
37) Ethyl Acetate	7.076	43	16318	9.082	ug/l	97
38) Carbon Tetrachloride	7.905	117	34839	10.506	ug/l	95
39) Methylcyclohexane	9.185	83	44196	11.110	ug/l	94
40) Benzene	8.167	78	90586	10.223	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	8961m	7.813	ug/l	
42) 1,2-Dichloroethane	8.246	62	26710	9.475	ug/l	99
43) Isopropyl Acetate	8.277	43	29962	8.717	ug/l	99
44) Trichloroethene	8.947	130	25547	10.994	ug/l	94
45) 1,2-Dichloropropane	9.221	63	21487	9.854	ug/l	99
46) Dibromomethane	9.313	93	12531	10.570	ug/l	99
47) Bromodichloromethane	9.502	83	31850	10.540	ug/l	97
48) Methyl methacrylate	9.295	41	14176	8.656	ug/l	99
49) 1,4-Dioxane	9.301	88	2399	164.245	ug/l	95
51) 4-Methyl-2-Pentanone	10.075	43	74193	41.948	ug/l	98
52) Toluene	10.252	92	57949	10.479	ug/l	98
53) t-1,3-Dichloropropene	10.471	75	33660	10.240	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	37358	10.345	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	17551	10.582	ug/l	99
56) Ethyl methacrylate	10.514	69	24323	9.755	ug/l	99
57) 1,3-Dichloropropane	10.794	76	29599	9.934	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.788	63	56346	47.139	ug/l	100
59) 2-Hexanone	10.837	43	49078	40.044	ug/l	98
60) Dibromochloromethane	10.989	129	21426	10.604	ug/l	99
61) 1,2-Dibromoethane	11.093	107	17557	11.042	ug/l	99
64) Tetrachloroethene	10.721	164	20277	9.323	ug/l	98
65) Chlorobenzene	11.520	112	60725	11.000	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	21416	10.586	ug/l	98
67) Ethyl Benzene	11.599	91	114395	11.035	ug/l	99
68) m/p-Xylenes	11.709	106	87726	22.275	ug/l	100
69) o-Xylene	12.032	106	40174	10.826	ug/l	96
70) Styrene	12.050	104	68577	10.885	ug/l	100
71) Bromoform	12.215	173	12510	9.989	ug/l #	100
73) Isopropylbenzene	12.337	105	109562	11.927	ug/l	100
74) N-amyl acetate	12.148	43	25857	9.382	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	19192	11.361	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	15101m	11.928	ug/l	
77) Bromobenzene	12.611	156	23246	10.912	ug/l	98
78) n-propylbenzene	12.678	91	134082	11.868	ug/l	99
79) 2-Chlorotoluene	12.764	91	75152	11.932	ug/l	100
80) 1,3,5-Trimethylbenzene	12.818	105	90631	11.834	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	7881	12.108	ug/l #	94
82) 4-Chlorotoluene	12.861	91	77981	11.980	ug/l	98
83) tert-Butylbenzene	13.081	119	80356	12.185	ug/l	99
84) 1,2,4-Trimethylbenzene	13.129	105	88801	11.753	ug/l	100
85) sec-Butylbenzene	13.257	105	115932	11.738	ug/l	99
86) p-Isopropyltoluene	13.373	119	96498	11.650	ug/l	100
87) 1,3-Dichlorobenzene	13.373	146	45721	10.936	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	44819	10.826	ug/l	97
89) n-Butylbenzene	13.702	91	92269	11.646	ug/l	100
90) Hexachloroethane	13.965	117	18943	12.371	ug/l	97
91) 1,2-Dichlorobenzene	13.745	146	39356	10.740	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	3531	11.124	ug/l	93
93) 1,2,4-Trichlorobenzene	15.013	180	22791	9.566	ug/l	99
94) Hexachlorobutadiene	15.117	225	12783	8.539	ug/l	98
95) Naphthalene	15.239	128	49677	10.231	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	19880	9.442	ug/l	99

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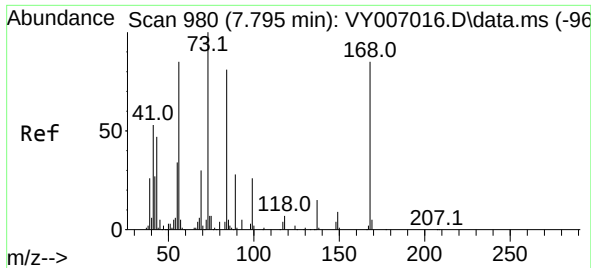
Manual Integrations
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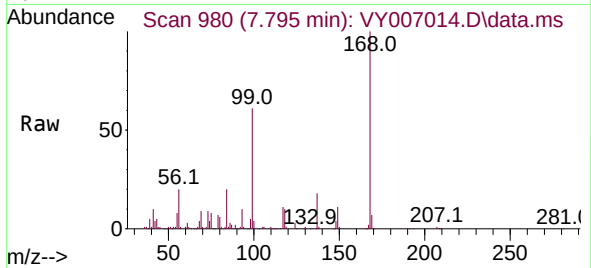
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY007014.D
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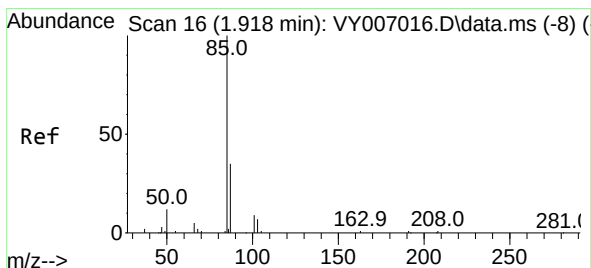
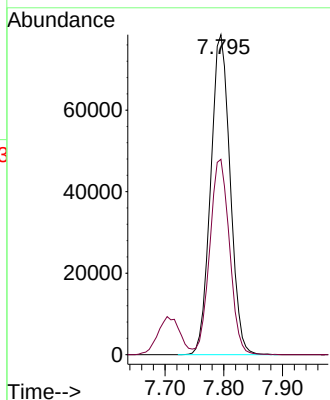
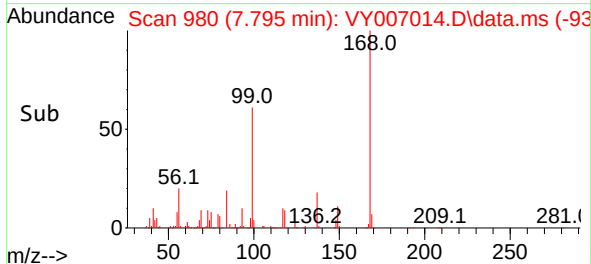
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



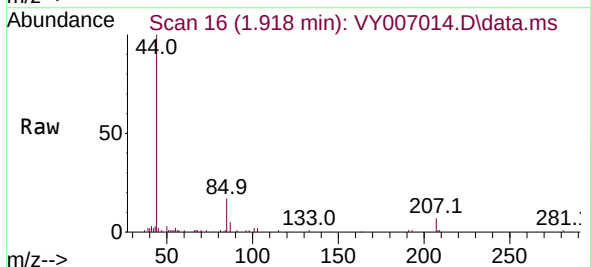
Tgt Ion:168 Resp: 180415
Ion Ratio Lower Upper
168 100
99 61.0 48.9 73.3

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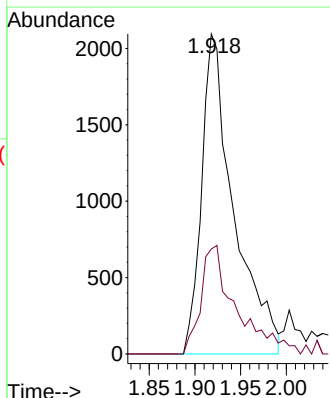
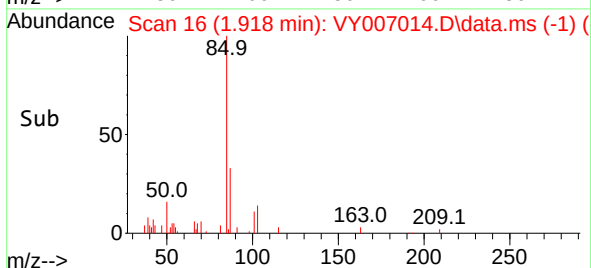
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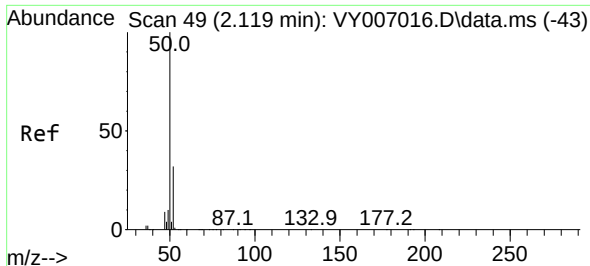


#2
Dichlorodifluoromethane
Concen: 3.099 ug/l
RT: 1.918 min Scan# 16
Delta R.T. -0.000 min
Lab File: VY007014.D
Acq: 05 Jan 2022 12:23



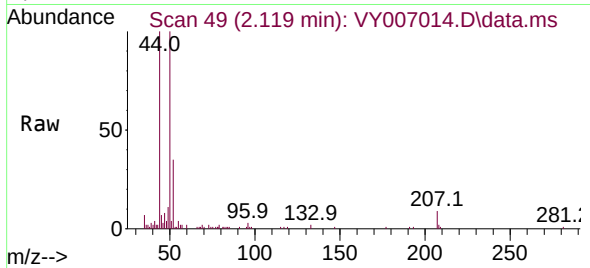
Tgt Ion: 85 Resp: 5115
Ion Ratio Lower Upper
85 100
87 32.8 17.5 52.5





#3
Chloromethane
Concen: 7.402 ug/l
RT: 2.119 min Scan# 49
Delta R.T. -0.000 min
Lab File: VY007014.D
Acq: 05 Jan 2022 12:23

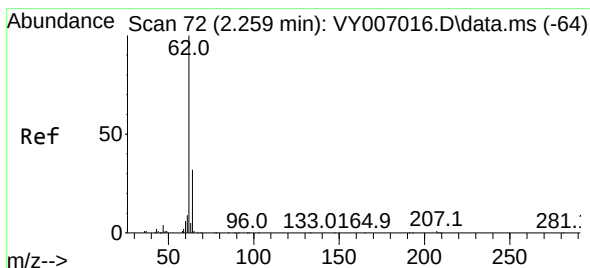
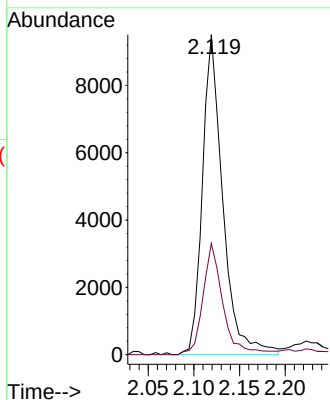
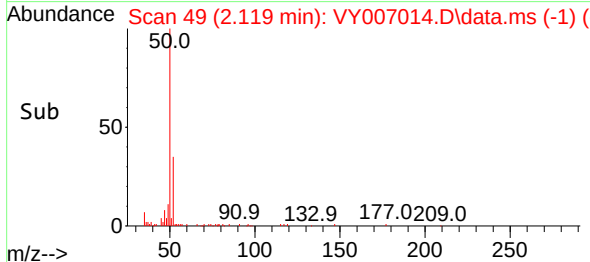
Instrument :
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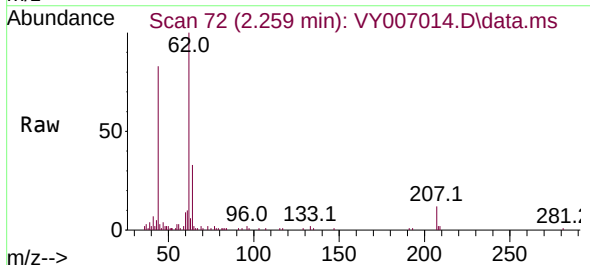
Tgt Ion: 50 Resp: 14754
Ion Ratio Lower Upper
50 100
52 34.7 25.8 38.8

Manual Integrations
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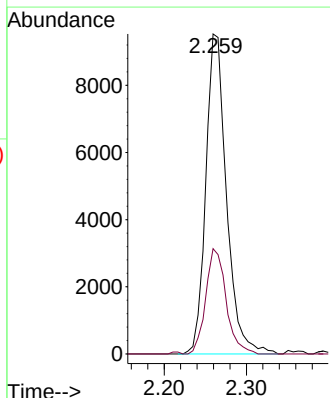
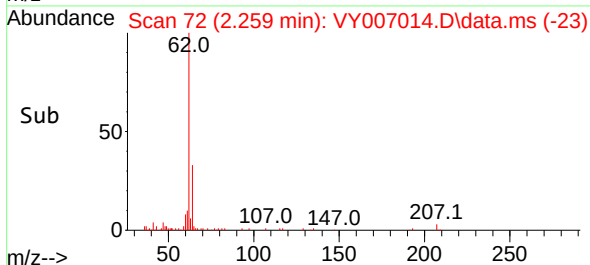
Reviewed By :John Carlone 01/06/2022
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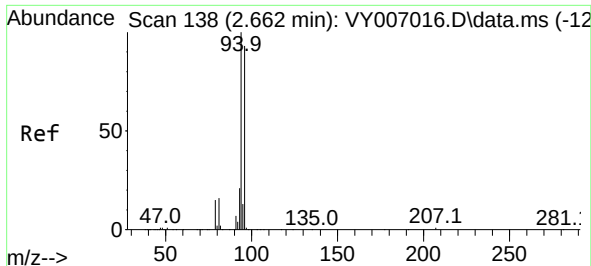


#4
Vinyl Chloride
Concen: 7.220 ug/l
RT: 2.259 min Scan# 72
Delta R.T. -0.000 min
Lab File: VY007014.D
Acq: 05 Jan 2022 12:23



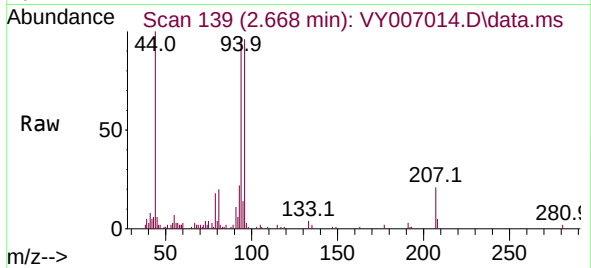
Tgt Ion: 62 Resp: 16674
Ion Ratio Lower Upper
62 100
64 32.9 25.8 38.6





#5
Bromomethane
Concen: 7.661 ug/l
RT: 2.668 min Scan# 1162
Delta R.T. 0.006 min
Lab File: VY007014.D
Acq: 05 Jan 2022 12:23

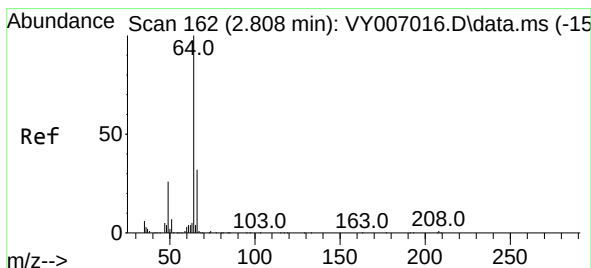
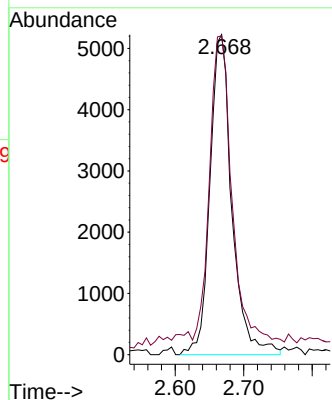
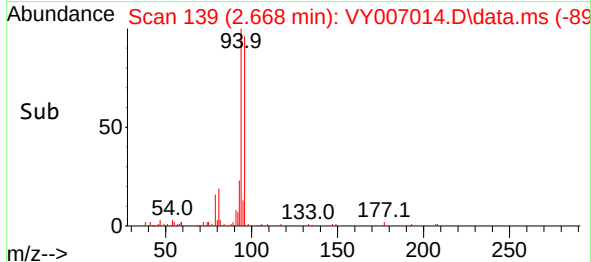
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



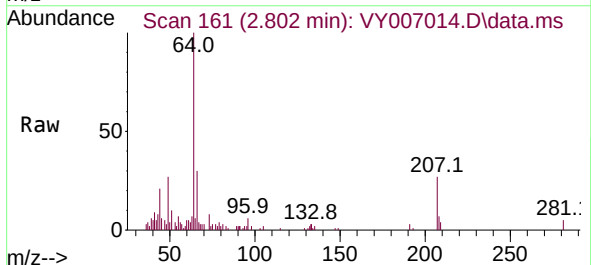
Tgt Ion: 94 Resp: 1162
Ion Ratio Lower Upper
94 100
96 94.8 73.8 110.6

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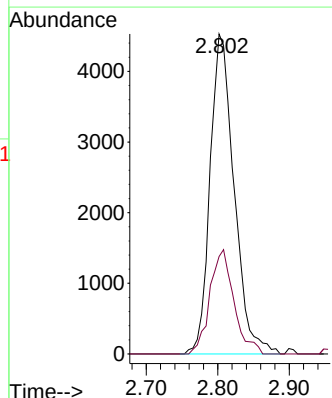
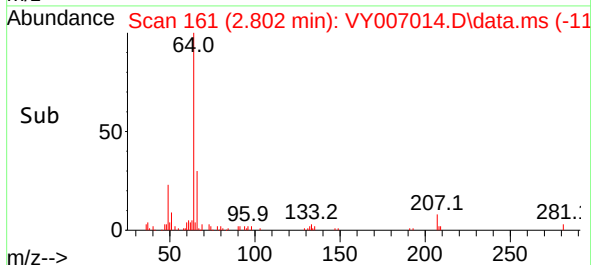
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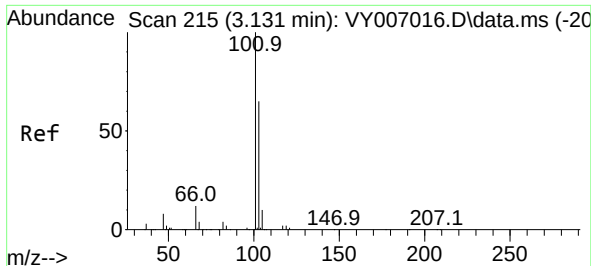


#6
Chloroethane
Concen: 7.810 ug/l
RT: 2.802 min Scan# 161
Delta R.T. -0.006 min
Lab File: VY007014.D
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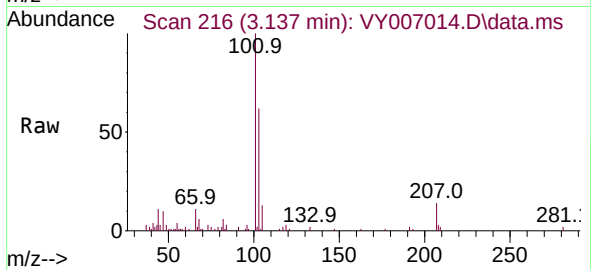
Tgt Ion: 64 Resp: 10586
Ion Ratio Lower Upper
64 100
66 30.4 25.8 38.6





#7
Trichlorofluoromethane
Concen: 6.931 ug/l
RT: 3.137 min Scan# 215
Delta R.T. 0.006 min
Lab File: VY007014.D
Acq: 05 Jan 2022 12:23

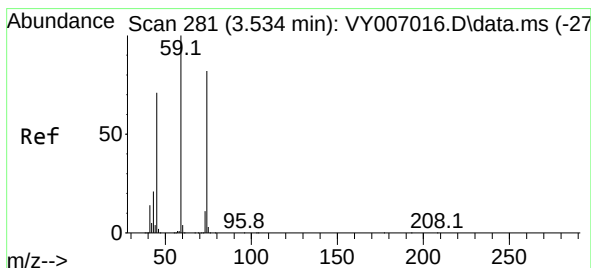
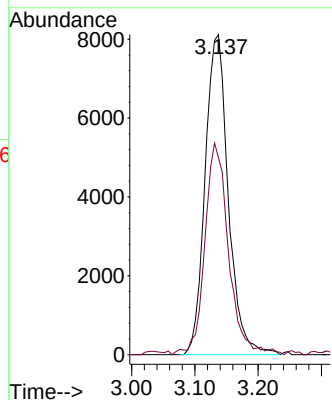
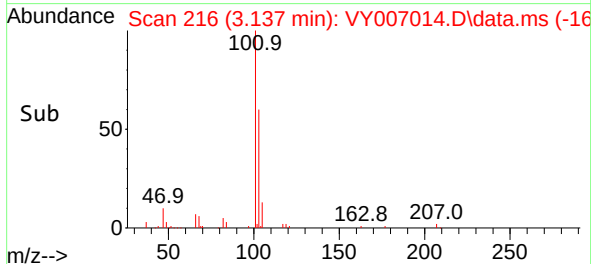
Instrument :
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Tgt Ion:101 Resp: 20678
Ion Ratio Lower Upper
101 100
103 60.9 51.7 77.5

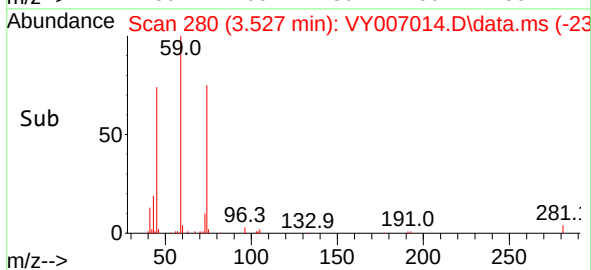
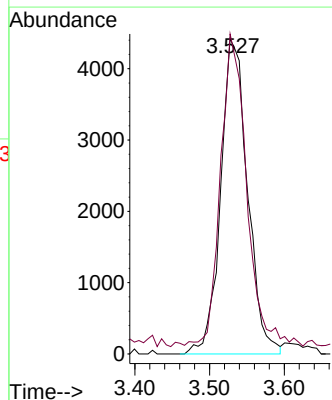
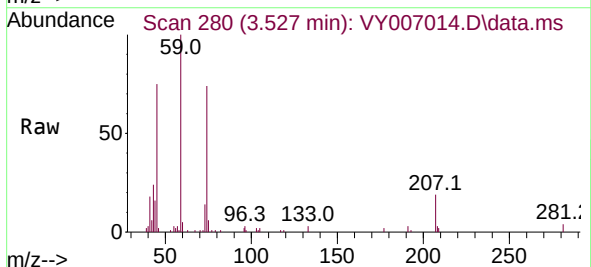
Manual Integrations
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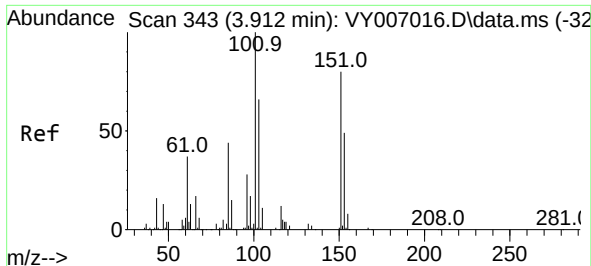
Reviewed By :John Carlone 01/06/2022
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#8
Diethyl Ether
Concen: 10.267 ug/l
RT: 3.527 min Scan# 280
Delta R.T. -0.006 min
Lab File: VY007014.D
Acq: 05 Jan 2022 12:23

Tgt Ion: 74 Resp: 11066
Ion Ratio Lower Upper
74 100
45 96.2 44.8 134.3





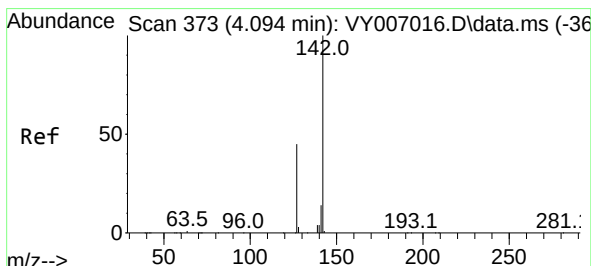
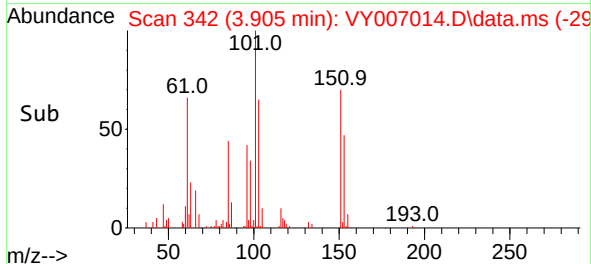
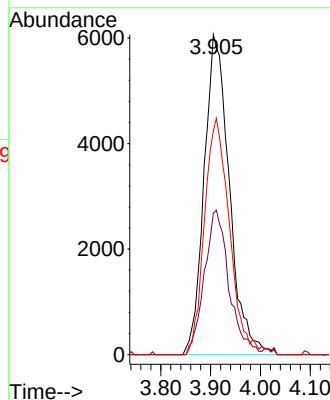
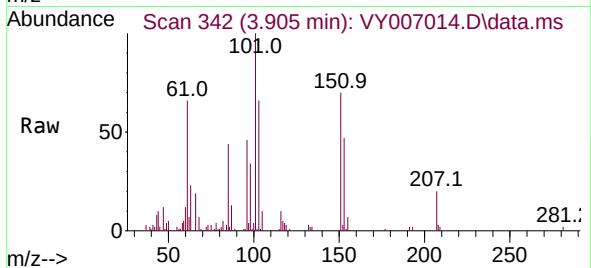
#9
1,1,2-Trichlorotrifluoroethane
Concen: 11.988 ug/l
RT: 3.905 min Scan# 343
Delta R.T. -0.006 min
Lab File: VY007014.D
Acq: 05 Jan 2022 12:23

Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion:101 Resp: 2131
Ion Ratio Lower Upper
101 100
85 44.1 35.4 53.0
151 73.8 61.8 92.6

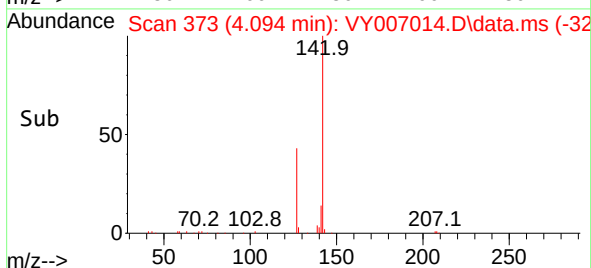
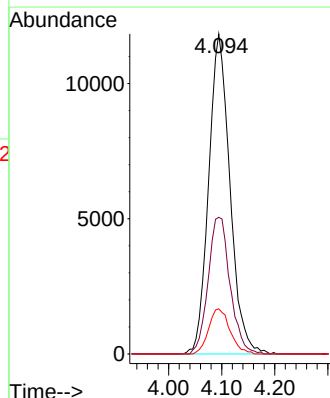
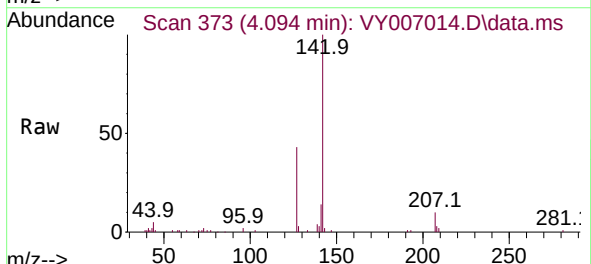
Manual Integrations
APPROVED

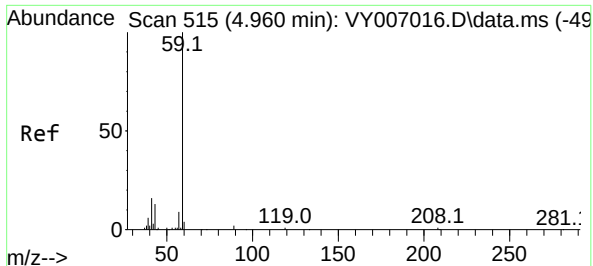
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/06/2022



#10
Methyl Iodide
Concen: 15.700 ug/l
RT: 4.094 min Scan# 373
Delta R.T. -0.000 min
Lab File: VY007014.D
Acq: 05 Jan 2022 12:23

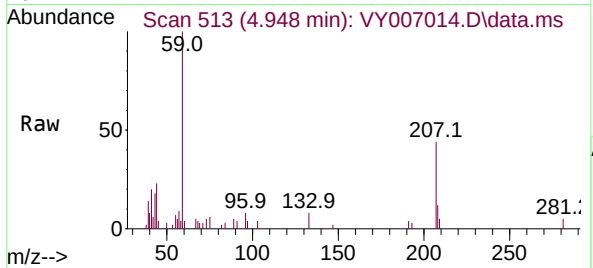
Tgt Ion:142 Resp: 32905
Ion Ratio Lower Upper
142 100
127 44.1 36.1 54.1
141 14.2 11.5 17.3





#11
Tert butyl alcohol
Concen: 53.877 ug/l
RT: 4.948 min Scan# 515
Delta R.T. -0.012 min
Lab File: VY007014.D
Acq: 05 Jan 2022 12:23

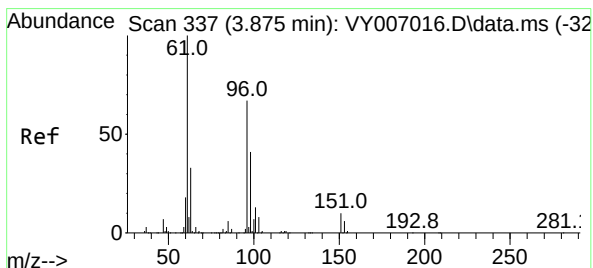
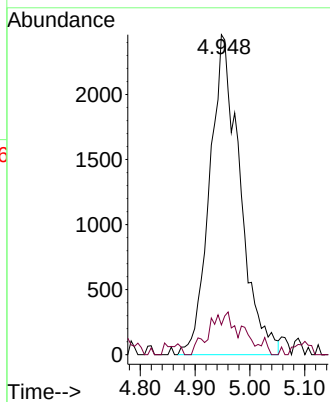
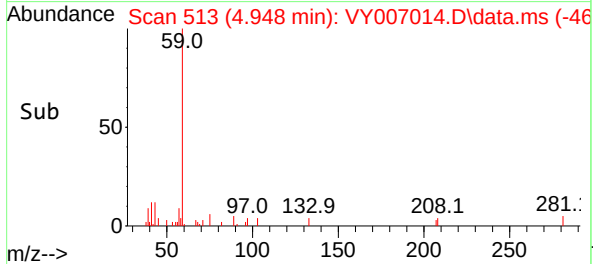
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



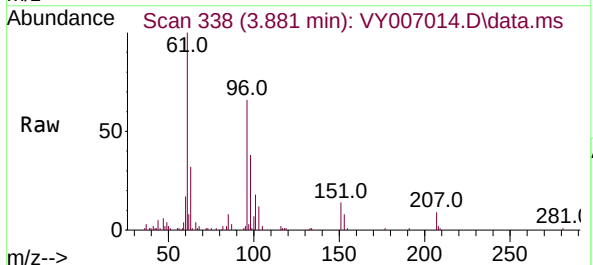
Tgt Ion: 59 Resp: 944
Ion Ratio Lower Upper
59 100
57 10.7 8.9 13.3

Manual Integrations
APPROVED

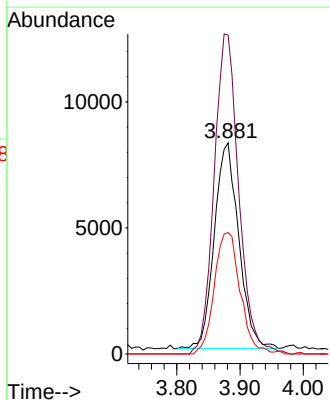
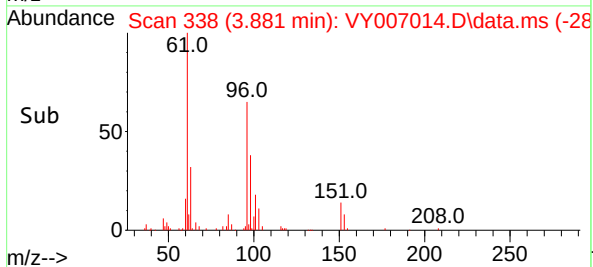
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/06/2022

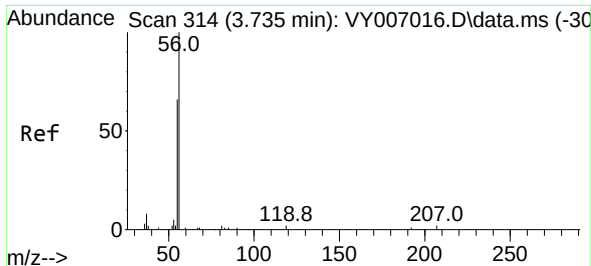


#12
1,1-Dichloroethene
Concen: 12.066 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.006 min
Lab File: VY007014.D
Acq: 05 Jan 2022 12:23



Tgt Ion: 96 Resp: 21892
Ion Ratio Lower Upper
96 100
61 155.2 120.2 180.2
98 59.1 49.0 73.4





#13

Acrolein

Concen: 25.958 ug/l

RT: 3.735 min Scan# 314

Delta R.T. -0.000 min

Lab File: VY007014.D

Acq: 05 Jan 2022 12:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

Tgt Ion: 56 Resp: 2528

Ion Ratio Lower Upper

56 100

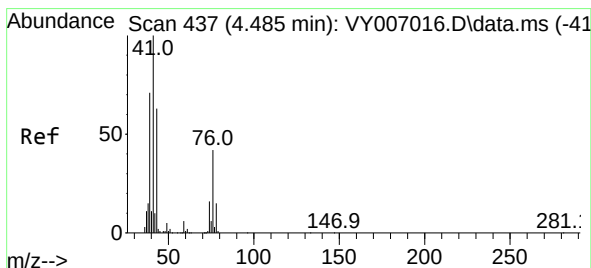
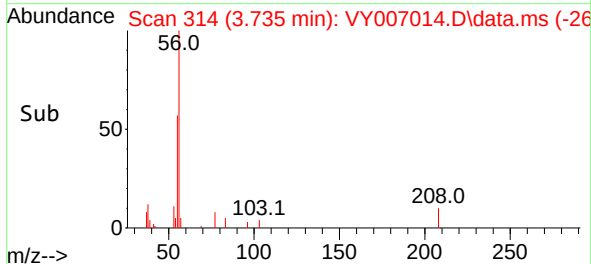
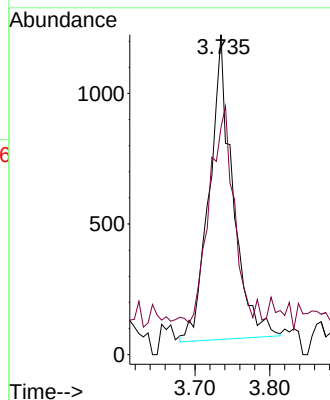
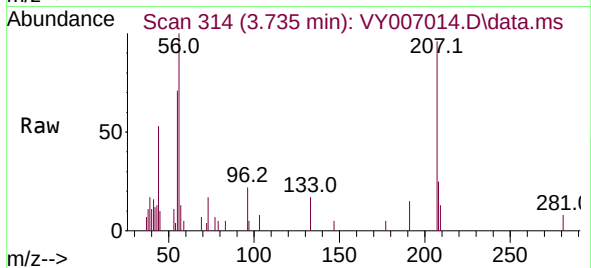
55 75.4 54.6 82.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/06/2022

Supervised By :Mahesh Dadoda 01/06/2022



#14

Allyl chloride

Concen: 10.282 ug/l

RT: 4.485 min Scan# 437

Delta R.T. -0.000 min

Lab File: VY007014.D

Acq: 05 Jan 2022 12:23

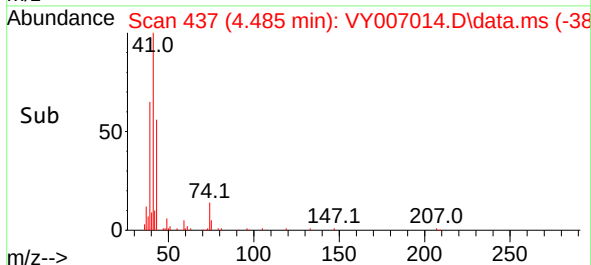
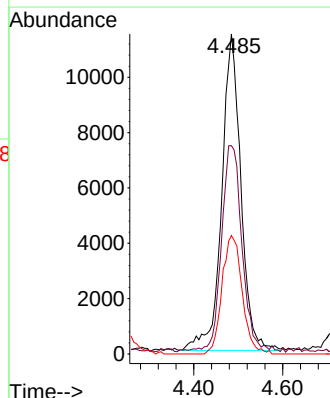
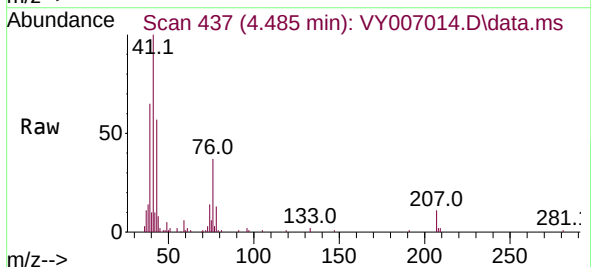
Tgt Ion: 41 Resp: 34193

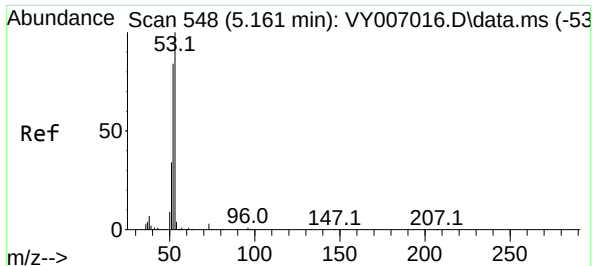
Ion Ratio Lower Upper

41 100

39 69.7 54.3 81.5

76 39.2 31.4 47.0





#15

Acrylonitrile

Concen: 46.699 ug/l

RT: 5.173 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY007014.D

Acq: 05 Jan 2022 12:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

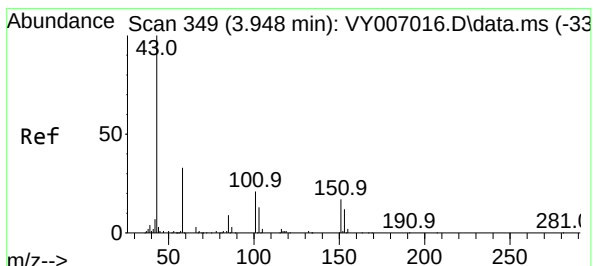
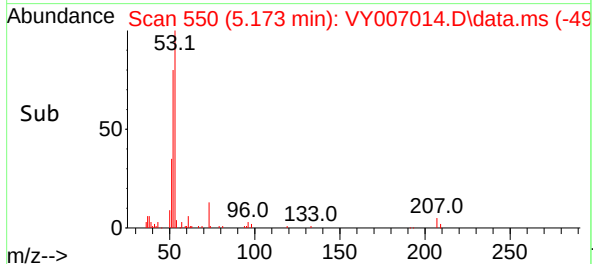
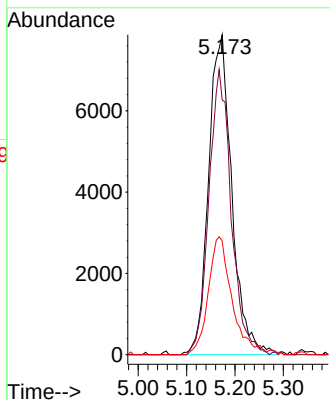
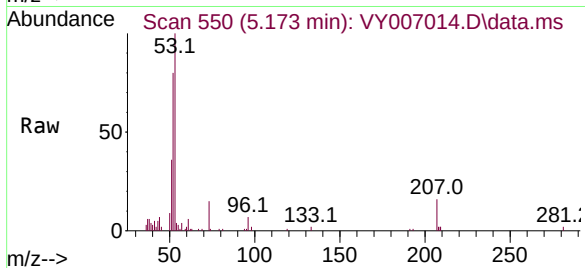
Tgt Ion: 53	Resp: 2632
Ion Ratio	Lower Upper
53 100	
52 85.2	65.4 98.0
51 37.3	28.7 43.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/06/2022

Supervised By :Mahesh Dadoda 01/06/2022



#16

Acetone

Concen: 41.346 ug/l

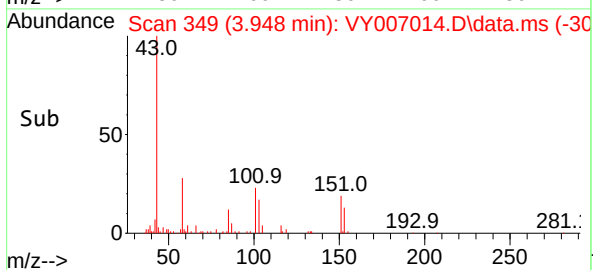
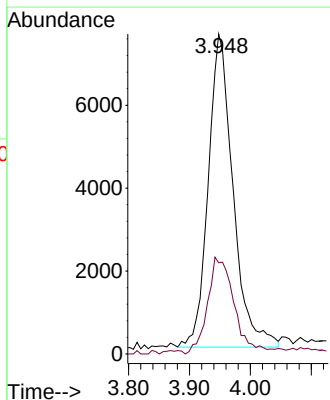
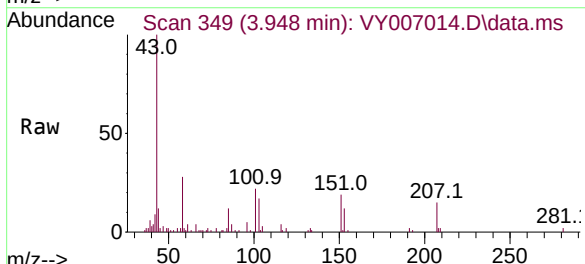
RT: 3.948 min Scan# 349

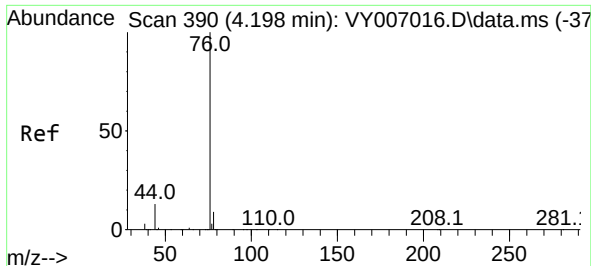
Delta R.T. -0.000 min

Lab File: VY007014.D

Acq: 05 Jan 2022 12:23

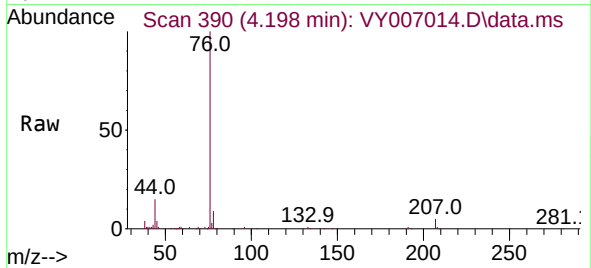
Tgt Ion: 43	Resp: 21386
Ion Ratio	Lower Upper
43 100	
58 28.0	26.3 39.5





#17
Carbon Disulfide
Concen: 10.955 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.000 min
Lab File: VY007014.D
Acq: 05 Jan 2022 12:23

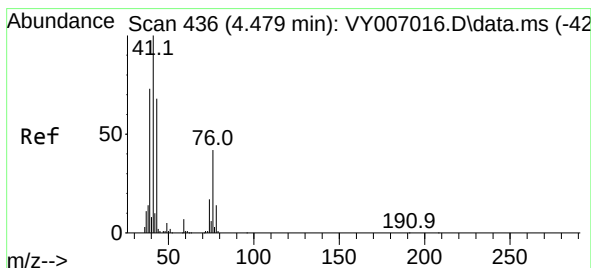
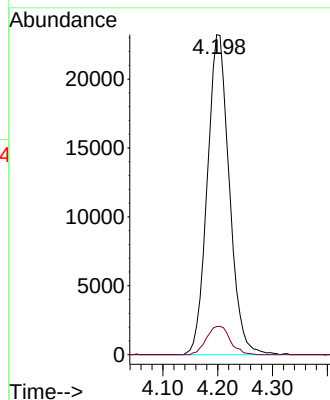
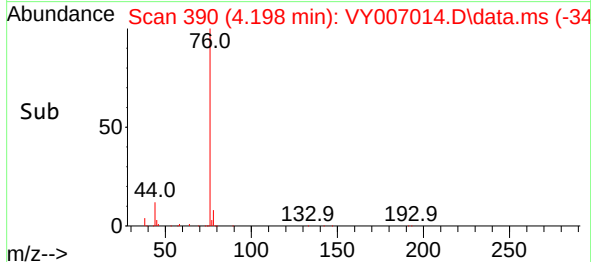
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



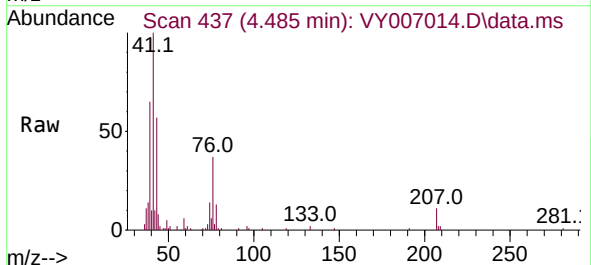
Tgt Ion: 76 Resp: 64730
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3

Manual Integrations
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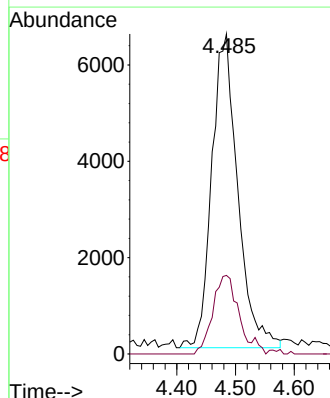
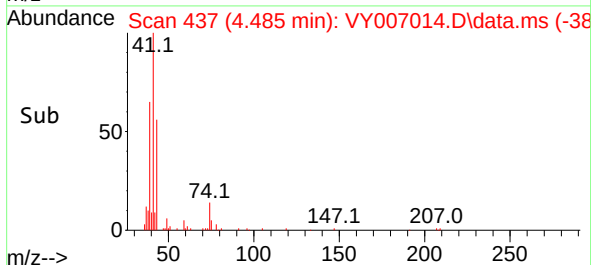
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/06/2022

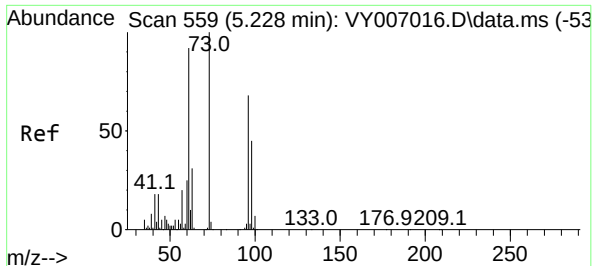


#18
Methyl Acetate
Concen: 10.629 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY007014.D
Acq: 05 Jan 2022 12:23



Tgt Ion: 43 Resp: 20001
Ion Ratio Lower Upper
43 100
74 25.3 20.9 31.3





#19

Methyl tert-butyl Ether

Concen: 8.193 ug/l

RT: 5.222 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY007014.D

Acq: 05 Jan 2022 12:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 73 Resp: 3947

Ion Ratio Lower Upper

73 100

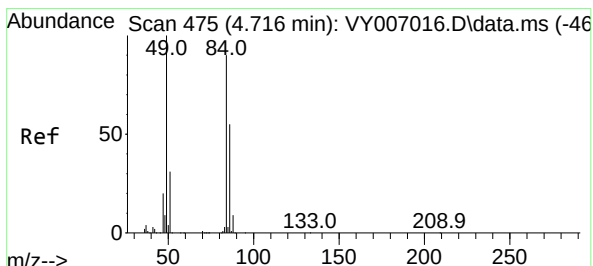
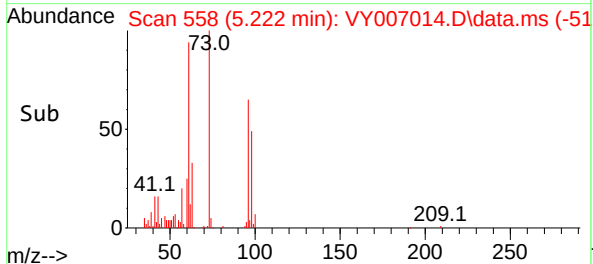
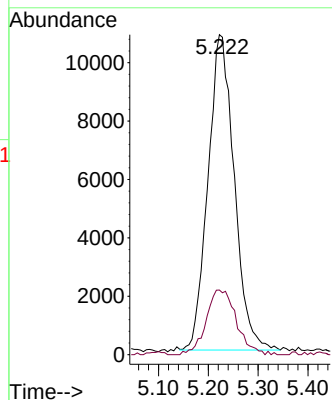
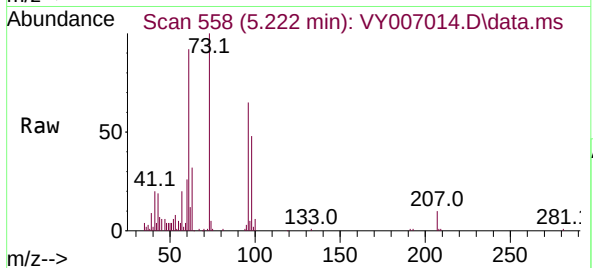
57 20.5 16.2 24.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/06/2022

Supervised By :Mahesh Dadoda 01/06/2022



#20

Methylene Chloride

Concen: 25.746 ug/l

RT: 4.716 min Scan# 475

Delta R.T. -0.000 min

Lab File: VY007014.D

Acq: 05 Jan 2022 12:23

Tgt Ion: 84 Resp: 59982

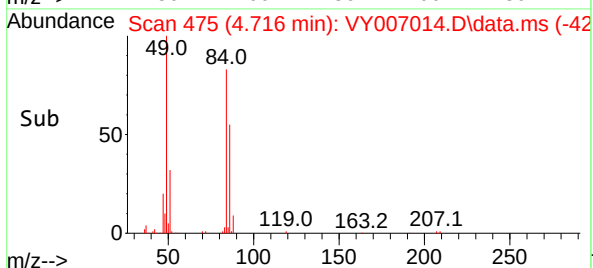
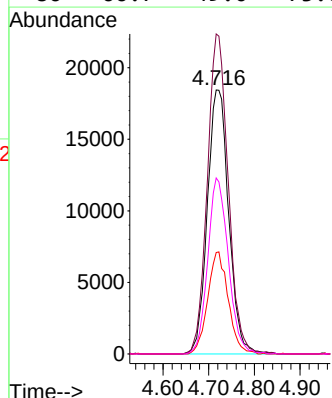
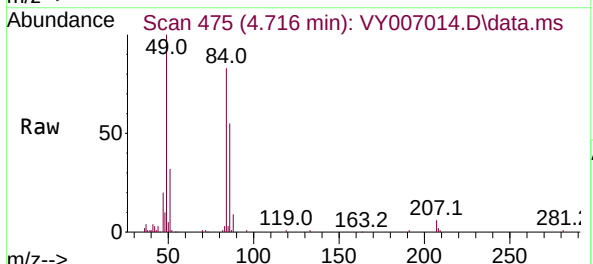
Ion Ratio Lower Upper

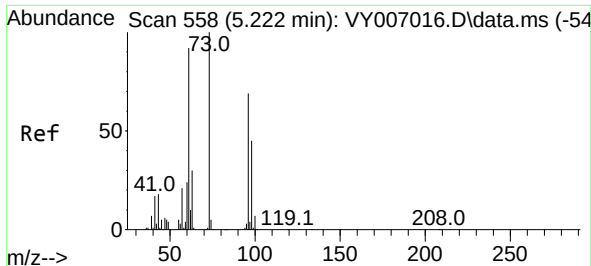
84 100

49 121.2 89.4 134.0

51 38.4 27.7 41.5

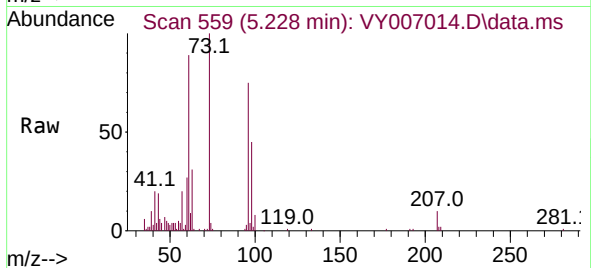
86 66.7 49.0 73.6





#21
trans-1,2-Dichloroethene
Concen: 11.669 ug/l
RT: 5.228 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY007014.D
Acq: 05 Jan 2022 12:23

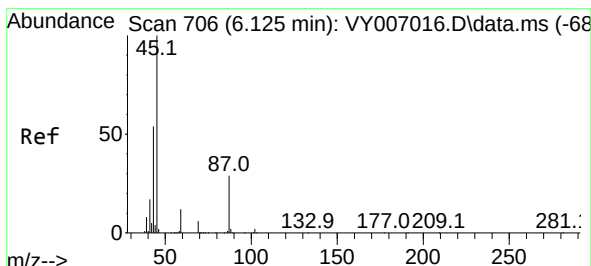
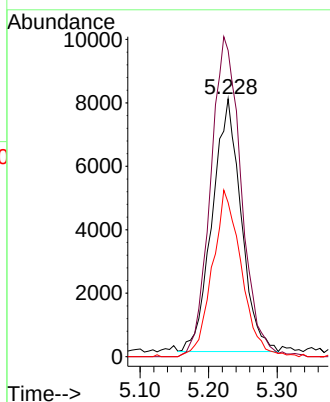
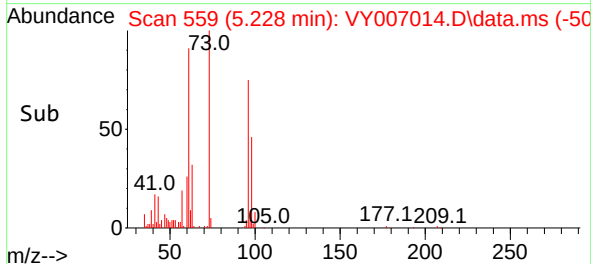
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 96 Resp: 2333
Ion Ratio Lower Upper
96 100
61 121.1 107.0 160.6
98 61.0 52.6 79.0

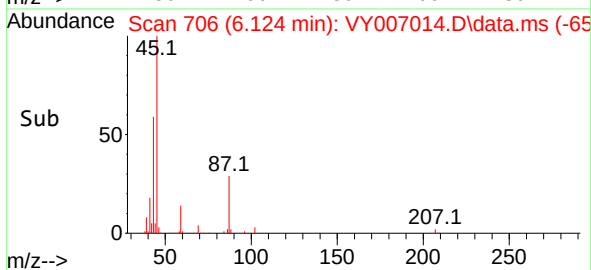
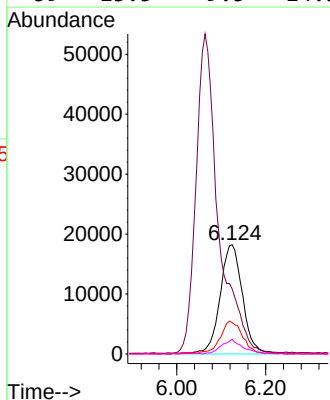
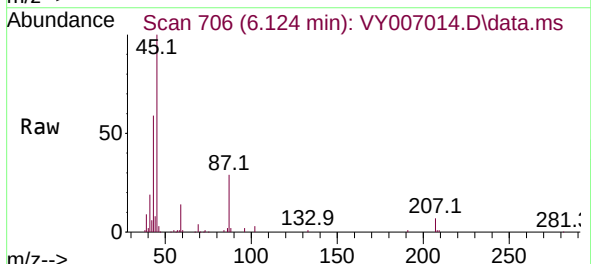
Manual Integrations
APPROVED

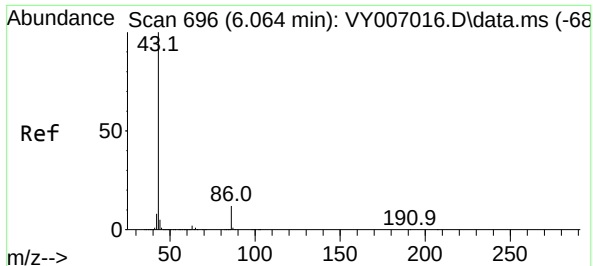
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/06/2022



#22
Diisopropyl ether
Concen: 9.725 ug/l
RT: 6.124 min Scan# 706
Delta R.T. -0.000 min
Lab File: VY007014.D
Acq: 05 Jan 2022 12:23

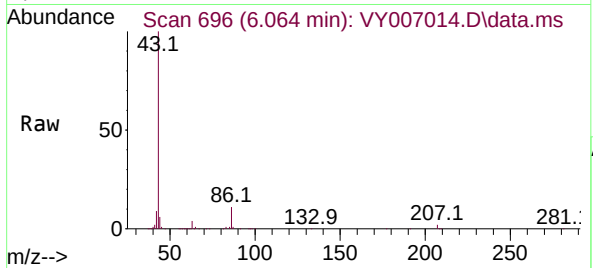
Tgt Ion: 45 Resp: 63640
Ion Ratio Lower Upper
45 100
43 58.2 43.6 65.4
87 28.4 23.6 35.4
59 13.5 9.5 14.3





#23
 Vinyl Acetate
 Concen: 47.037 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. -0.000 min
 Lab File: VY007014.D
 Acq: 05 Jan 2022 12:23

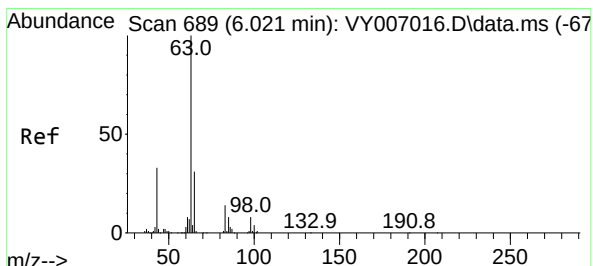
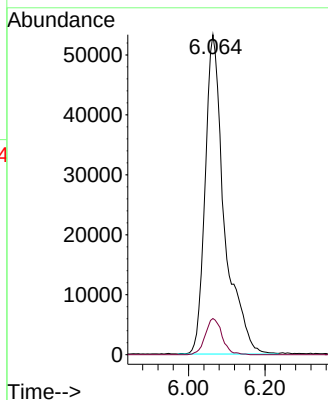
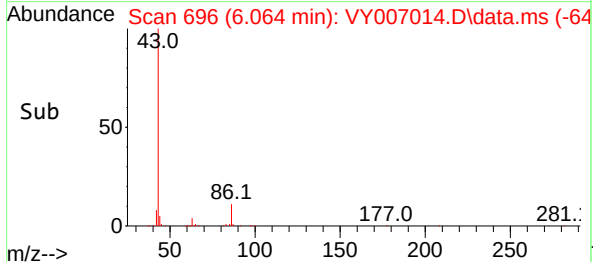
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010



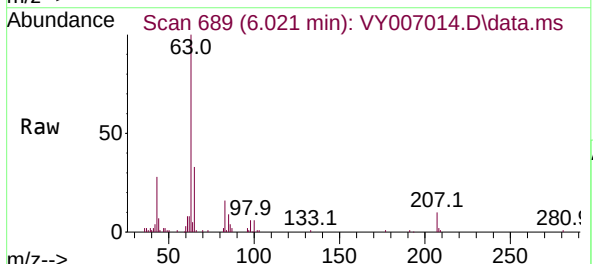
Tgt Ion: 43 Resp: 186270
 Ion Ratio Lower Upper
 43 100
 86 11.3 9.4 14.0

Manual Integrations
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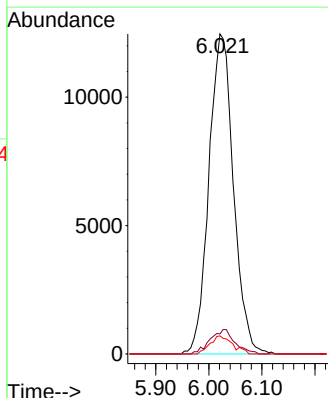
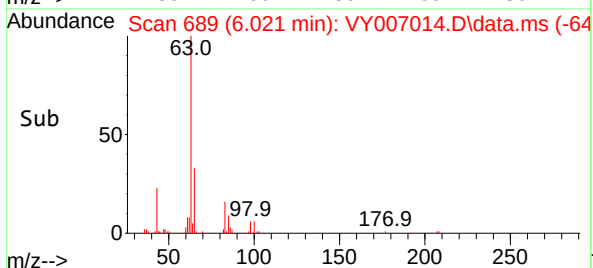
Reviewed By :John Carlone 01/06/2022
 Supervised By :Mahesh Dadoda 01/06/2022

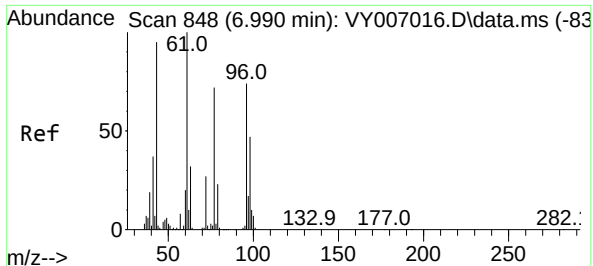


#24
 1,1-Dichloroethane
 Concen: 11.030 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.000 min
 Lab File: VY007014.D
 Acq: 05 Jan 2022 12:23



Tgt Ion: 63 Resp: 39974
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.8 11.4
 100 5.6 2.3 6.8





#25

2-Butanone

Concen: 42.605 ug/l

RT: 6.990 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY007014.D

Acq: 05 Jan 2022 12:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 43 Resp: 31419

Ion Ratio Lower Upper

43 100

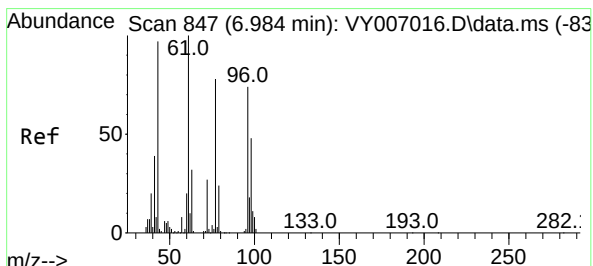
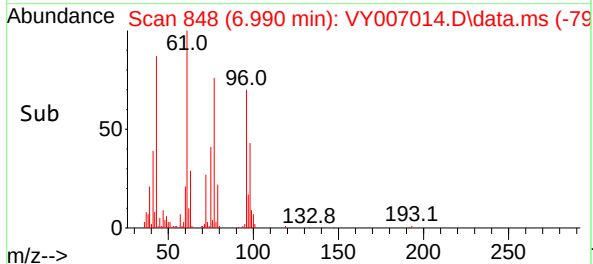
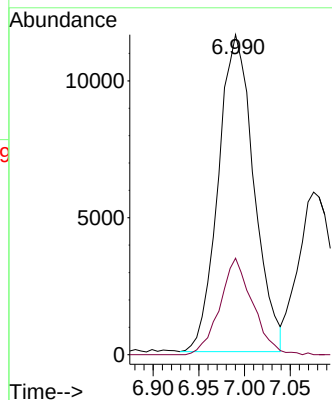
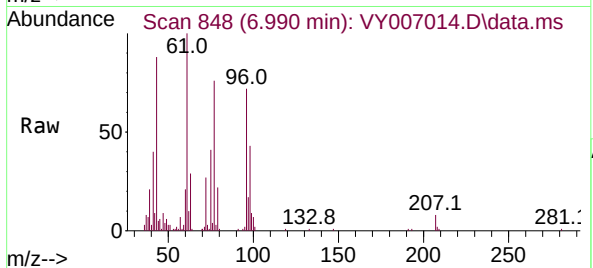
72 30.4 22.6 34.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/06/2022

Supervised By :Mahesh Dadoda 01/06/2022



#26

2,2-Dichloropropane

Concen: 9.899 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY007014.D

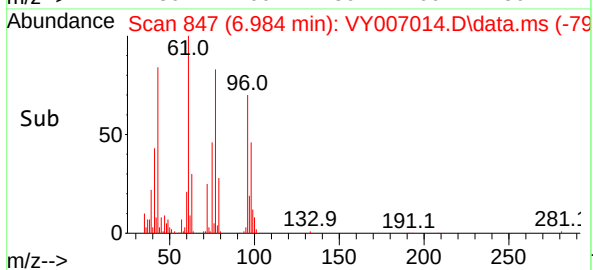
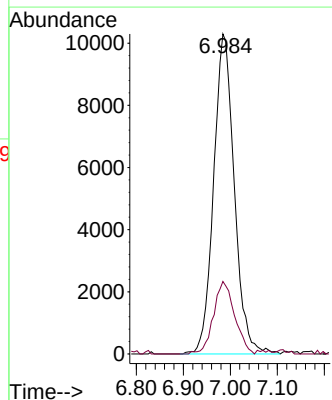
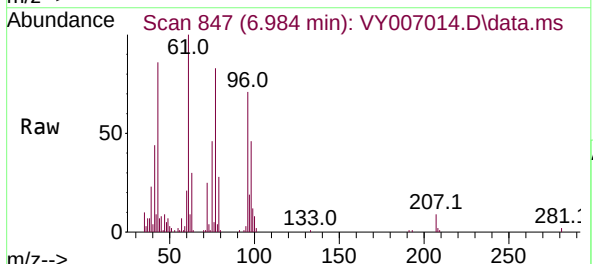
Acq: 05 Jan 2022 12:23

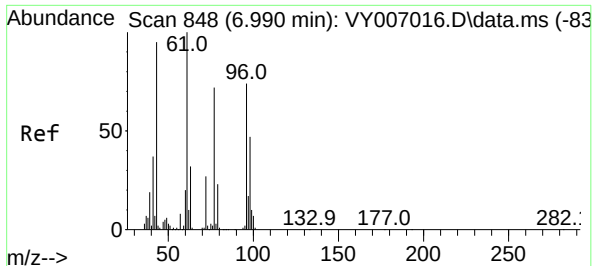
Tgt Ion: 77 Resp: 31473

Ion Ratio Lower Upper

77 100

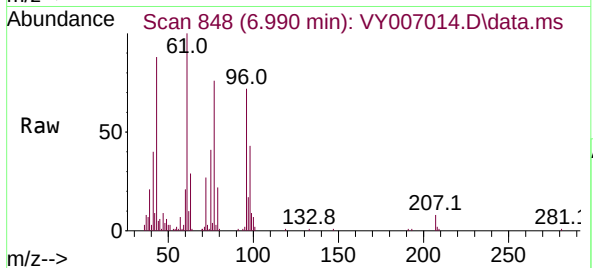
97 23.2 11.8 35.3





#27
 cis-1,2-Dichloroethene
 Concen: 11.871 ug/l
 RT: 6.990 min Scan# 848
 Delta R.T. -0.000 min
 Lab File: VY007014.D
 Acq: 05 Jan 2022 12:23

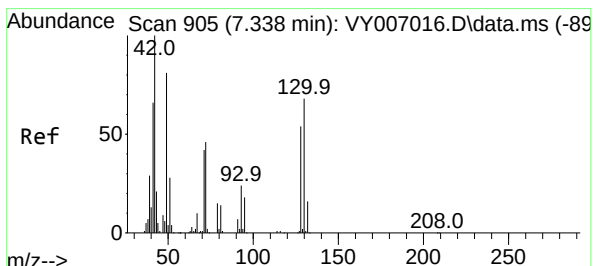
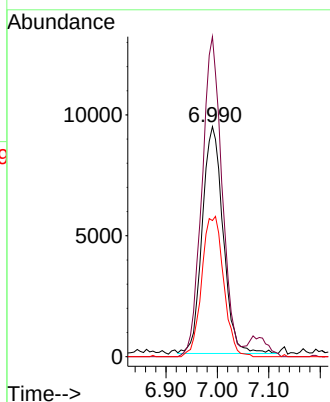
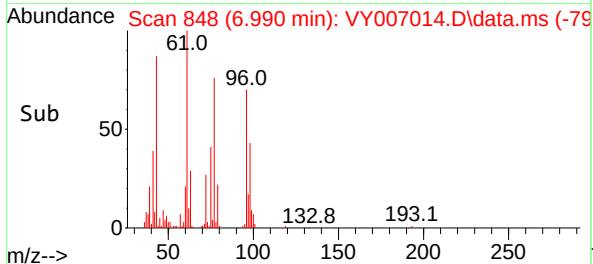
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010



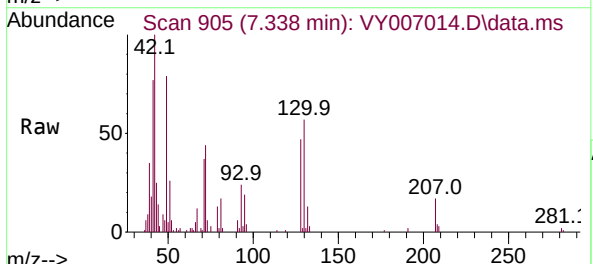
Tgt Ion: 96 Resp: 2650
 Ion Ratio Lower Upper
 96 100
 61 134.8 0.0 269.8
 98 64.6 0.0 130.2

Manual Integrations
 APPROVED

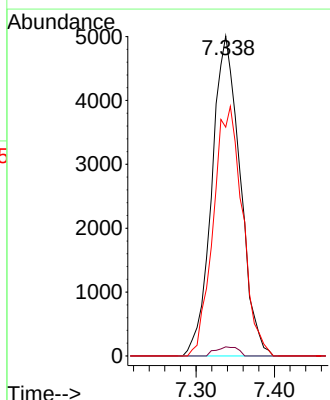
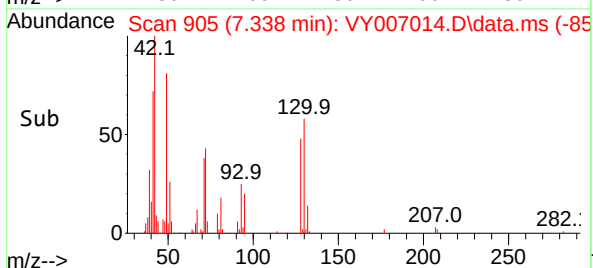
Reviewed By :John Carlone 01/06/2022
 Supervised By :Mahesh Dadoda 01/06/2022

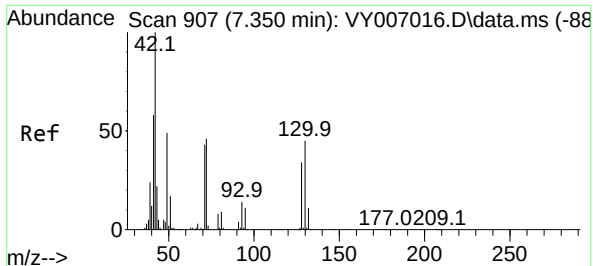


#28
 Bromochloromethane
 Concen: 8.402 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. -0.000 min
 Lab File: VY007014.D
 Acq: 05 Jan 2022 12:23



Tgt Ion: 49 Resp: 12580
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.2
 130 80.3 66.2 99.4





#29

Tetrahydrofuran

Concen: 46.708 ug/l

RT: 7.356 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY007014.D

Acq: 05 Jan 2022 12:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

Tgt Ion: 42 Resp: 22874

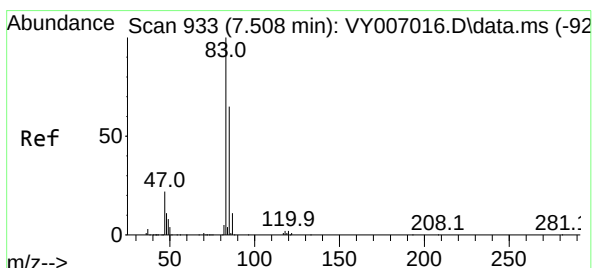
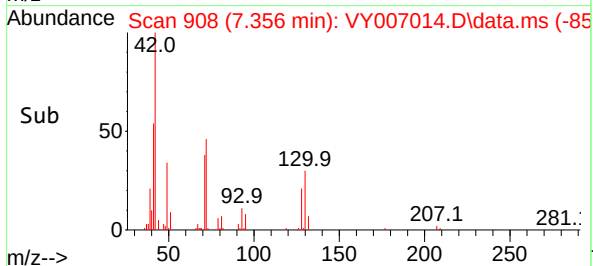
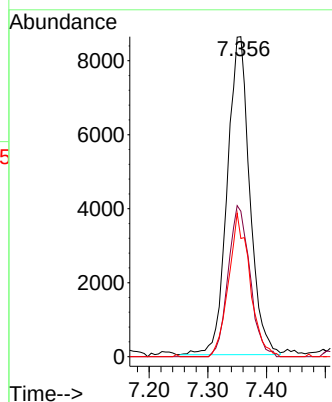
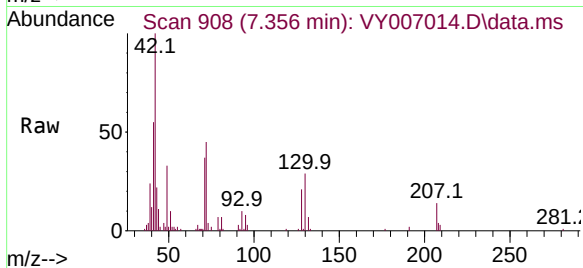
Ion	Ratio	Lower	Upper
42	100		
72	45.8	37.1	55.7
71	42.4	34.6	52.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/06/2022

Supervised By :Mahesh Dadoda 01/06/2022



#30

Chloroform

Concen: 11.361 ug/l

RT: 7.508 min Scan# 933

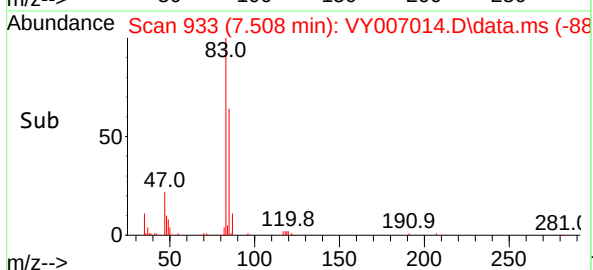
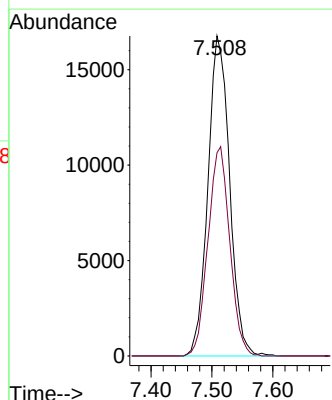
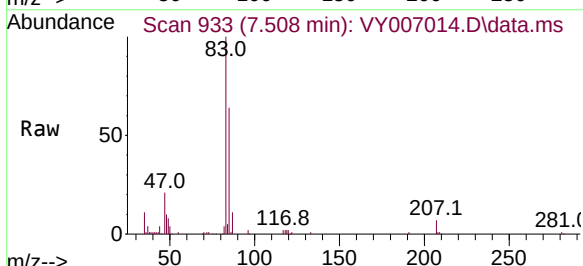
Delta R.T. -0.000 min

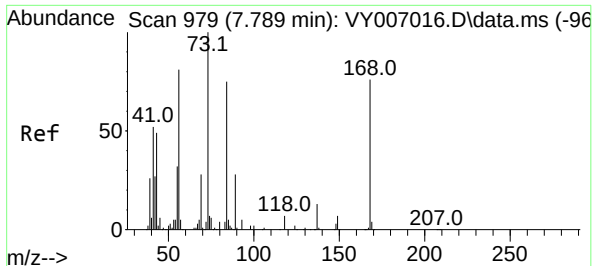
Lab File: VY007014.D

Acq: 05 Jan 2022 12:23

Tgt Ion: 83 Resp: 41484

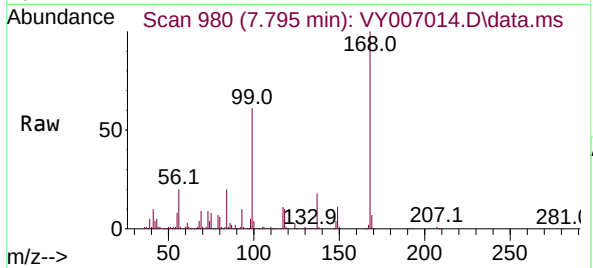
Ion	Ratio	Lower	Upper
83	100		
85	63.5	51.9	77.9





#31
Cyclohexane
Concen: 11.008 ug/l
RT: 7.795 min Scan# 914
Delta R.T. 0.006 min
Lab File: VY007014.D
Acq: 05 Jan 2022 12:23

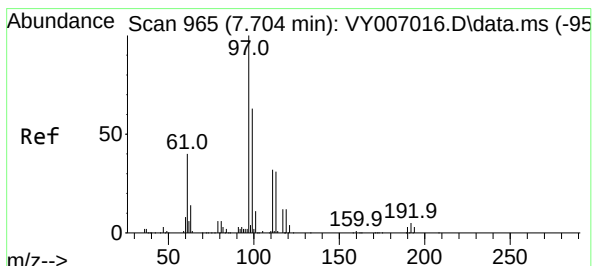
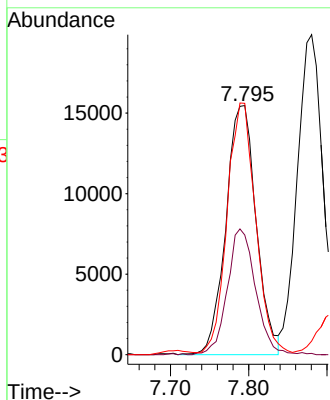
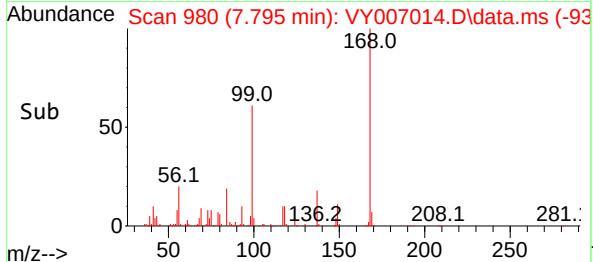
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 56 Resp: 41614
Ion Ratio Lower Upper
56 100
69 48.0 27.8 41.6
84 99.2 74.1 111.1

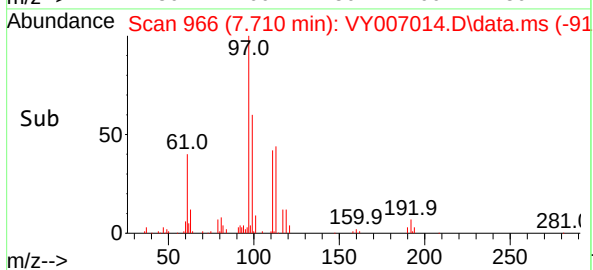
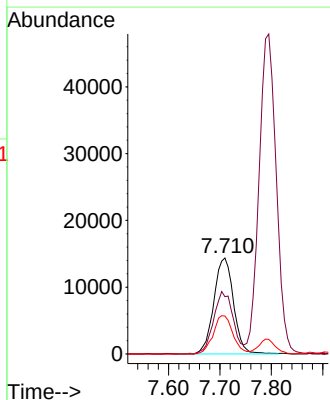
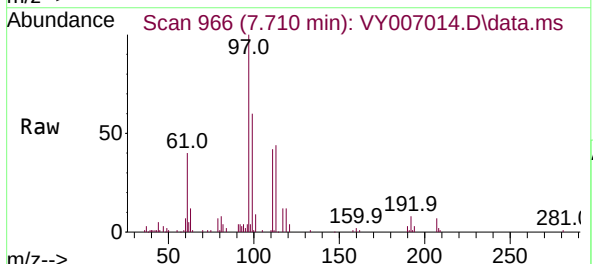
Manual Integrations
APPROVED

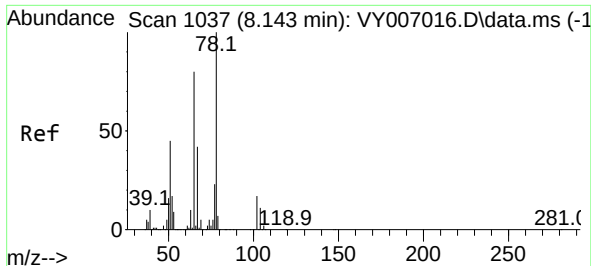
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/06/2022



#32
1,1,1-Trichloroethane
Concen: 11.510 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY007014.D
Acq: 05 Jan 2022 12:23

Tgt Ion: 97 Resp: 38394
Ion Ratio Lower Upper
97 100
99 64.3 50.6 76.0
61 39.5 31.9 47.9





#33

1,2-Dichloroethane-d4

Concen: 10.434 ug/l

RT: 8.149 min Scan# 1109

Delta R.T. 0.006 min

Lab File: VY007014.D

Acq: 05 Jan 2022 12:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 65 Resp: 21090

Ion Ratio Lower Upper

65 100

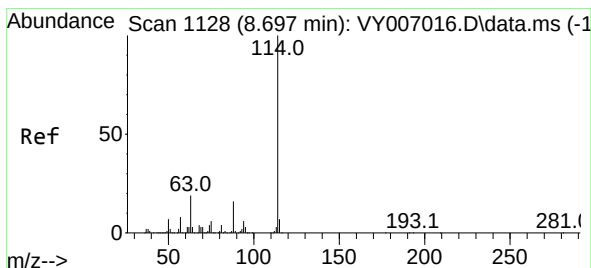
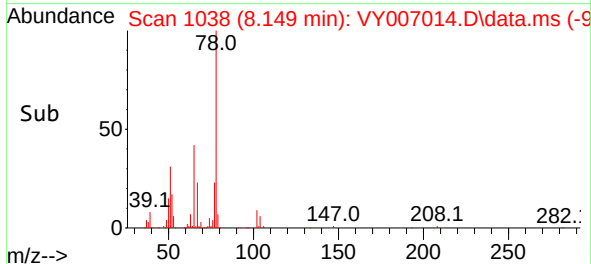
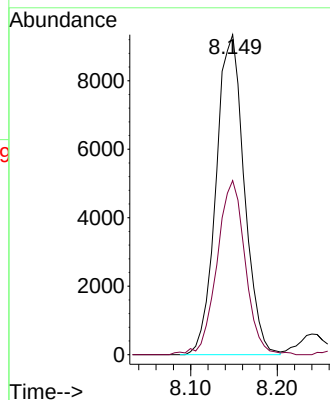
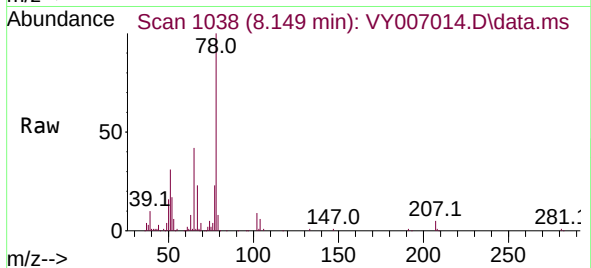
67 54.6 0.0 105.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/06/2022

Supervised By :Mahesh Dadoda 01/06/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY007014.D

Acq: 05 Jan 2022 12:23

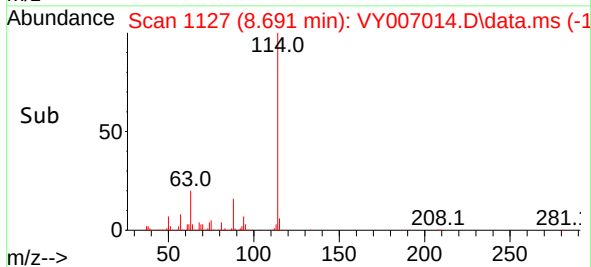
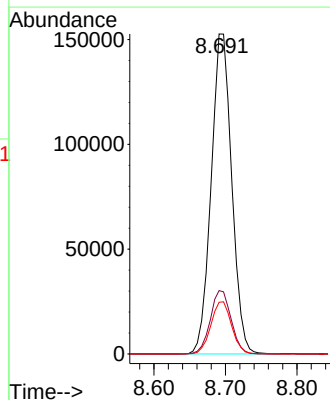
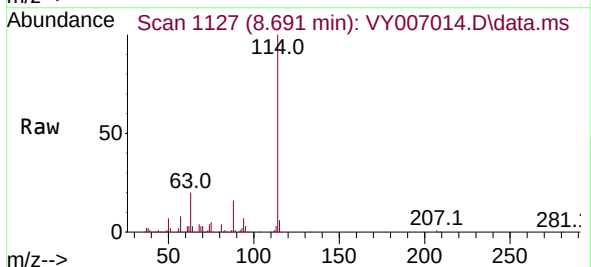
Tgt Ion:114 Resp: 304790

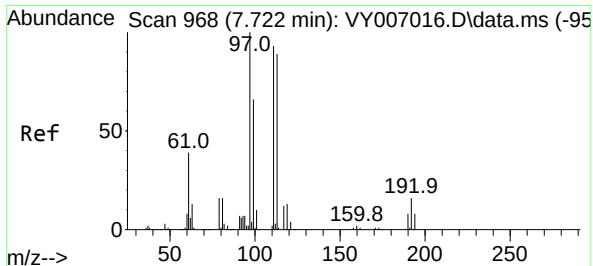
Ion Ratio Lower Upper

114 100

63 19.8 0.0 37.6

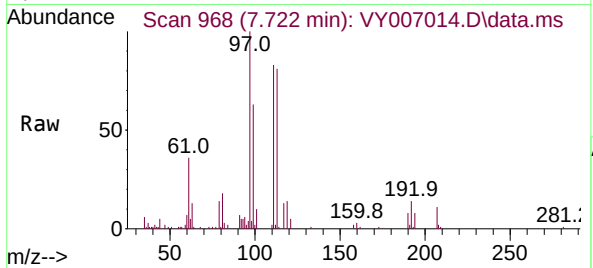
88 16.2 0.0 31.8





#35
Dibromofluoromethane
Concen: 11.504 ug/l
RT: 7.722 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY007014.D
Acq: 05 Jan 2022 12:23

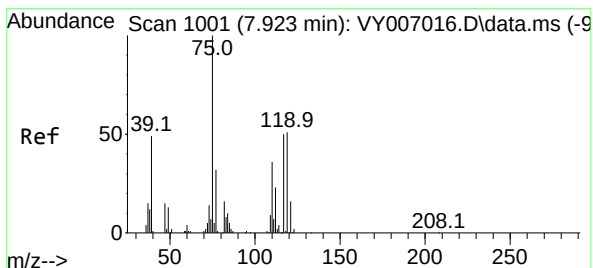
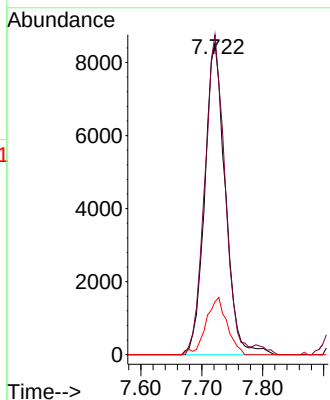
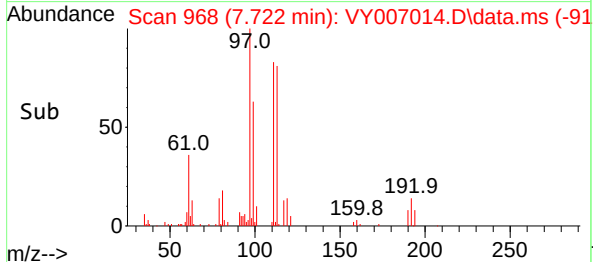
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



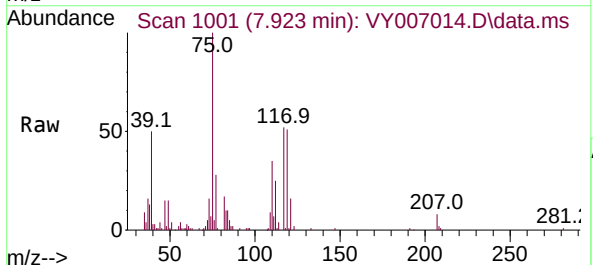
Tgt Ion: 113 Resp: 2005
Ion Ratio Lower Upper
113 100
111 101.0 81.9 122.9
192 18.7 14.6 21.8

Manual Integrations
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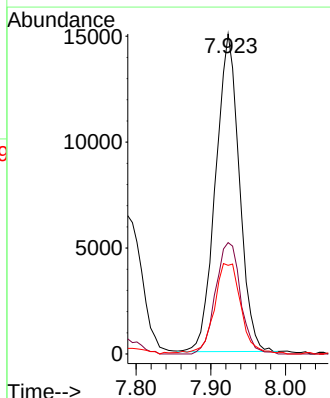
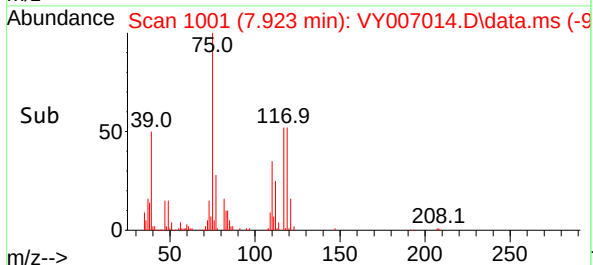
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/06/2022

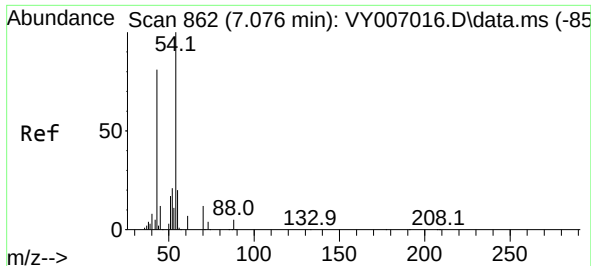


#36
1,1-Dichloropropene
Concen: 10.471 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VY007014.D
Acq: 05 Jan 2022 12:23



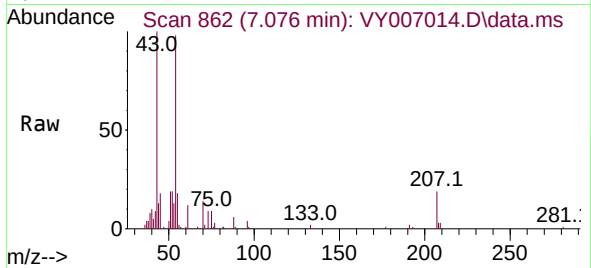
Tgt Ion: 75 Resp: 33028
Ion Ratio Lower Upper
75 100
110 36.9 18.0 54.0
77 32.5 25.4 38.2





#37
Ethyl Acetate
Concen: 9.082 ug/l
RT: 7.076 min Scan# 862
Delta R.T. -0.000 min
Lab File: VY007014.D
Acq: 05 Jan 2022 12:23

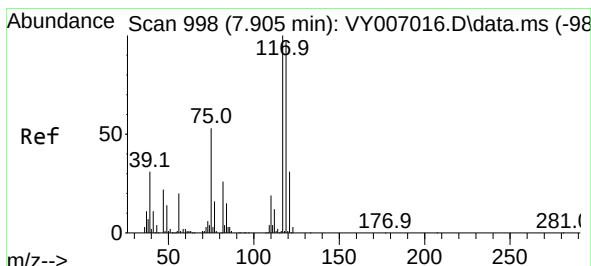
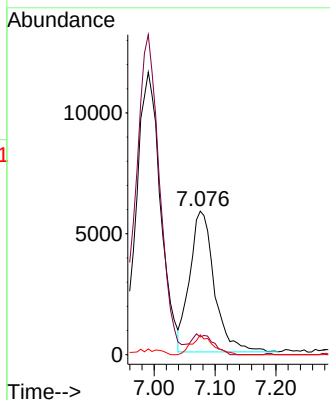
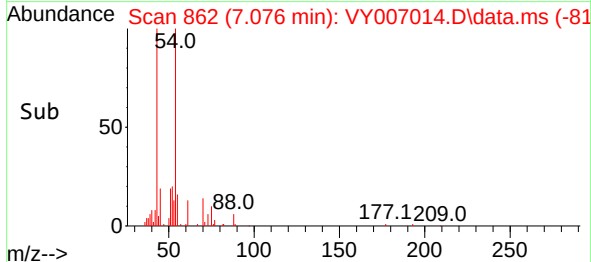
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



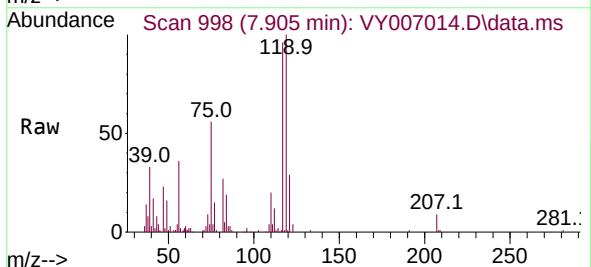
Tgt Ion: 43 Resp: 16318
Ion Ratio Lower Upper
43 100
61 13.1 12.2 18.2
70 11.9 9.4 14.2

Manual Integrations
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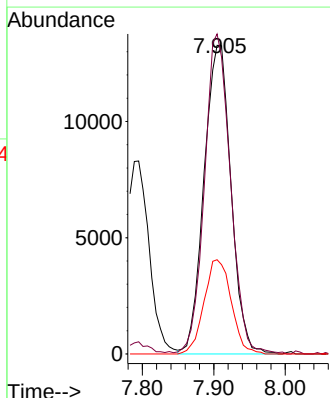
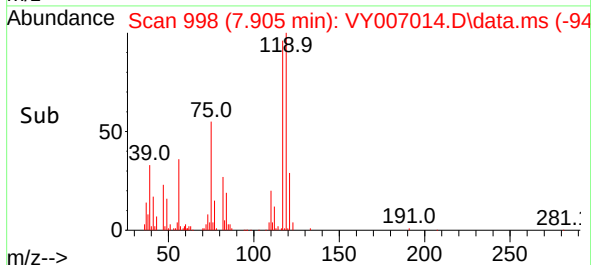
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/06/2022

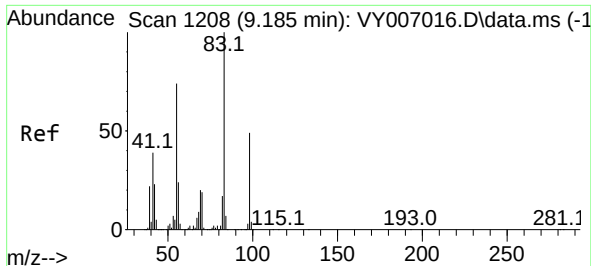


#38
Carbon Tetrachloride
Concen: 10.506 ug/l
RT: 7.905 min Scan# 998
Delta R.T. -0.000 min
Lab File: VY007014.D
Acq: 05 Jan 2022 12:23



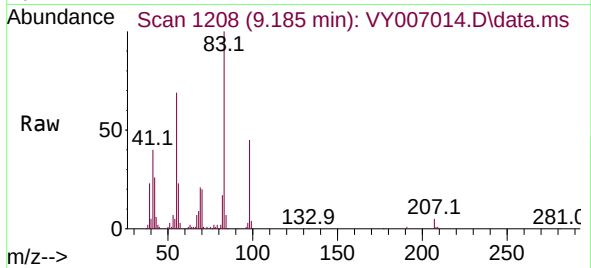
Tgt Ion:117 Resp: 34839
Ion Ratio Lower Upper
117 100
119 103.2 77.7 116.5
121 30.5 24.4 36.6





#39
Methylcyclohexane
Concen: 11.110 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. -0.000 min
Lab File: VY007014.D
Acq: 05 Jan 2022 12:23

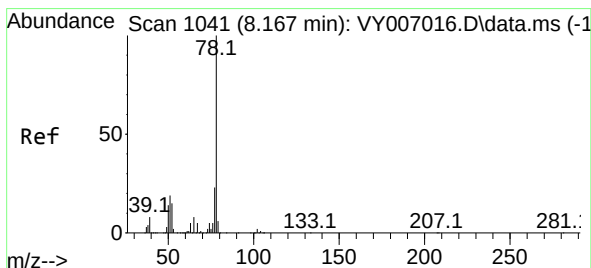
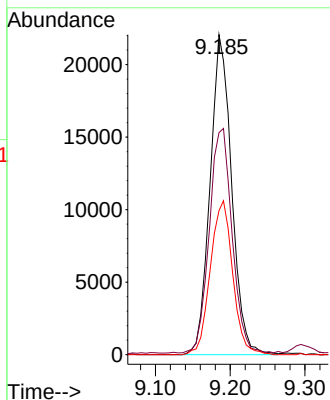
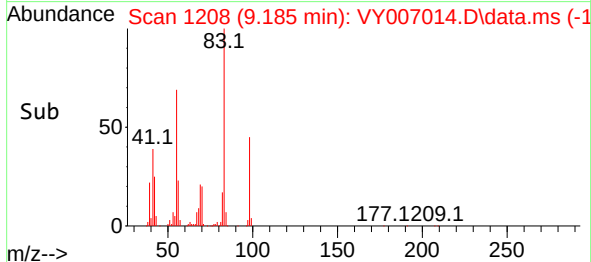
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 83 Resp: 44190
Ion Ratio Lower Upper
83 100
55 68.8 59.0 88.6
98 45.0 39.1 58.7

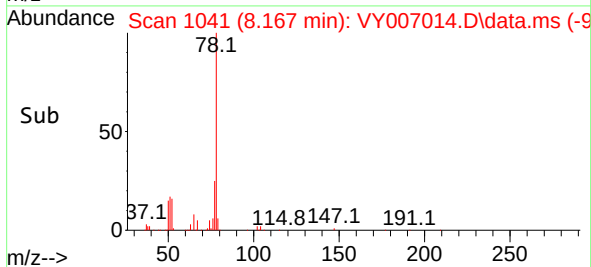
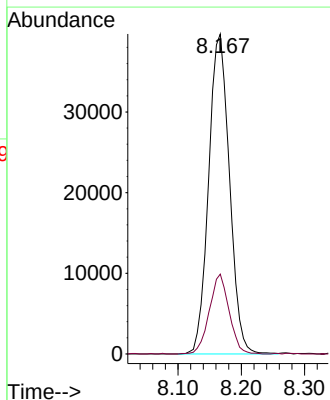
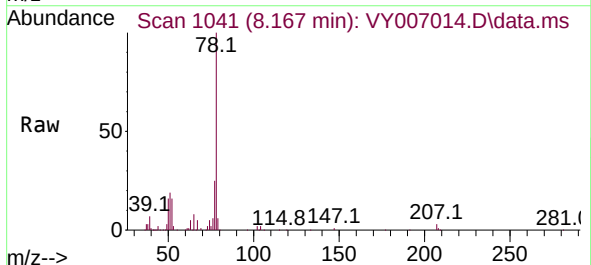
Manual Integrations
APPROVED

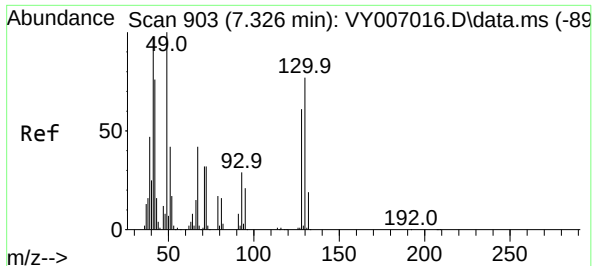
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/06/2022



#40
Benzene
Concen: 10.223 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY007014.D
Acq: 05 Jan 2022 12:23

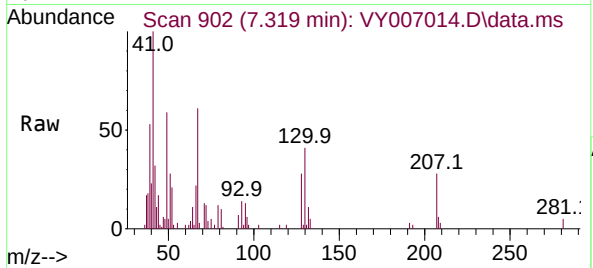
Tgt Ion: 78 Resp: 90586
Ion Ratio Lower Upper
78 100
77 24.9 18.2 27.4





#41
Methacrylonitrile
Concen: 7.813 ug/l m
RT: 7.319 min Scan# 903
Delta R.T. -0.006 min
Lab File: VY007014.D
Acq: 05 Jan 2022 12:23

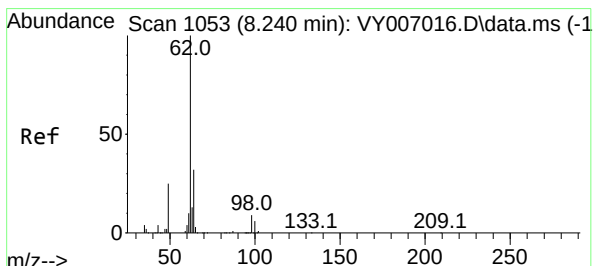
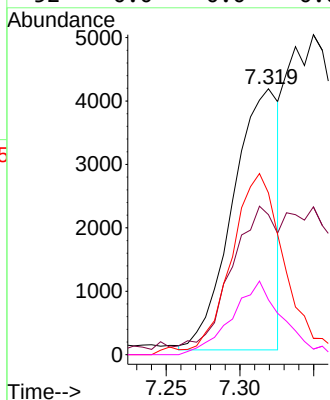
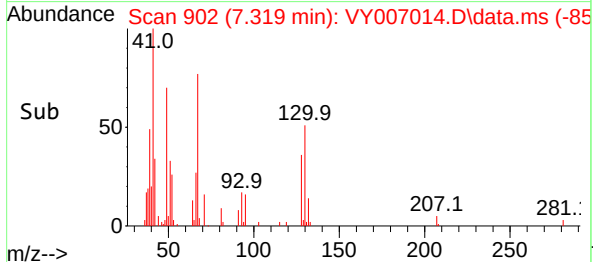
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 41 Resp: 896
Ion Ratio Lower Upper
41 100
39 0.0 0.0 0.0
67 0.0 0.0 0.0
52 0.0 0.0 0.0

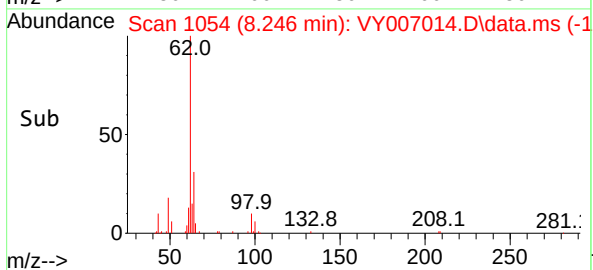
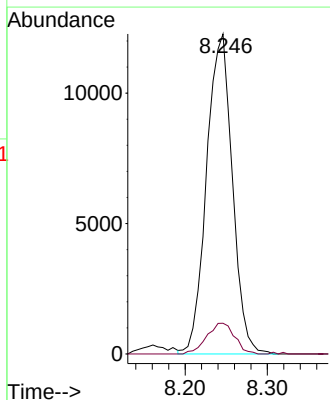
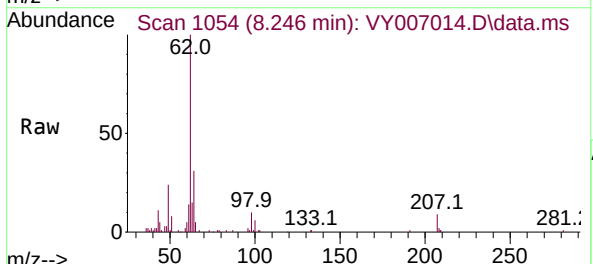
Manual Integrations
APPROVED

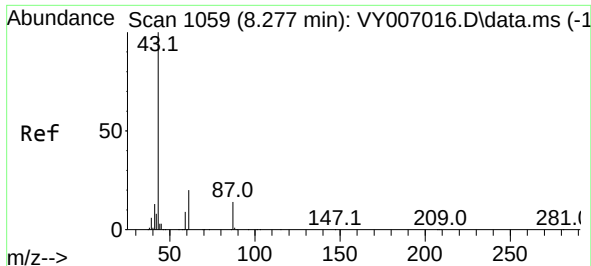
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/06/2022



#42
1,2-Dichloroethane
Concen: 9.475 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VY007014.D
Acq: 05 Jan 2022 12:23

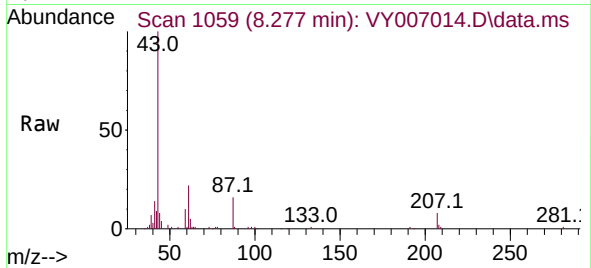
Tgt Ion: 62 Resp: 26710
Ion Ratio Lower Upper
62 100
98 10.4 0.0 20.0





#43
Isopropyl Acetate
Concen: 8.717 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VY007014.D
Acq: 05 Jan 2022 12:23

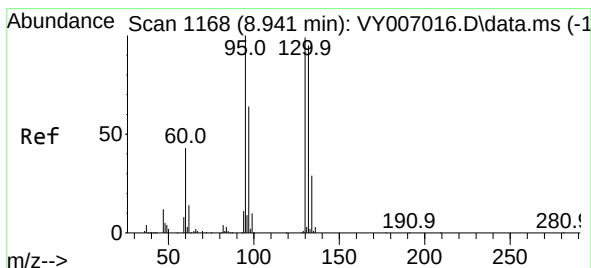
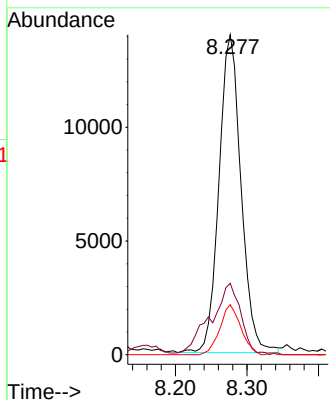
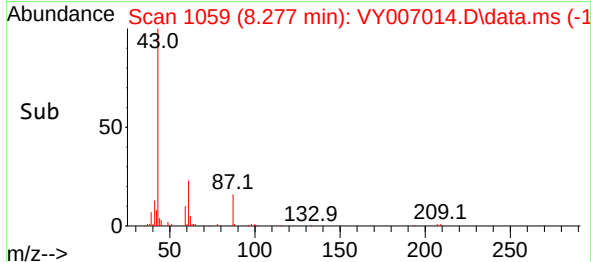
Instrument : MSVOA_Y
ClientSampleId : VSTDIC010



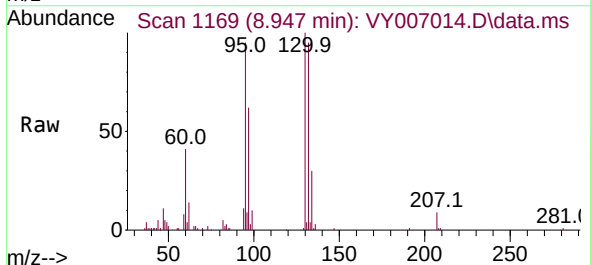
Tgt Ion: 43 Resp: 2996
Ion Ratio Lower Upper
43 100
61 30.9 23.9 35.9
87 15.0 11.8 17.6

Manual Integrations
APPROVED

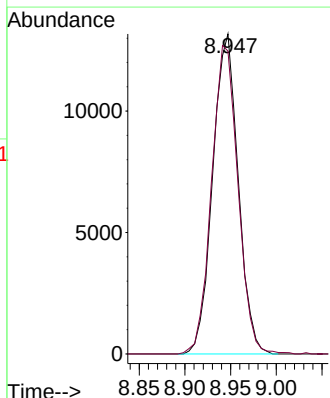
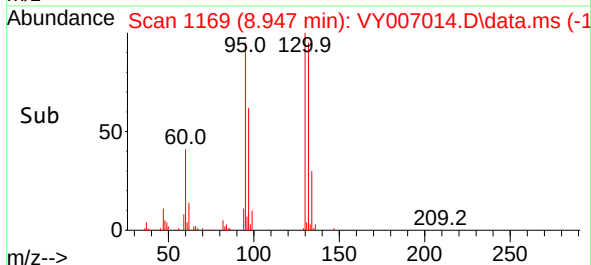
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/06/2022

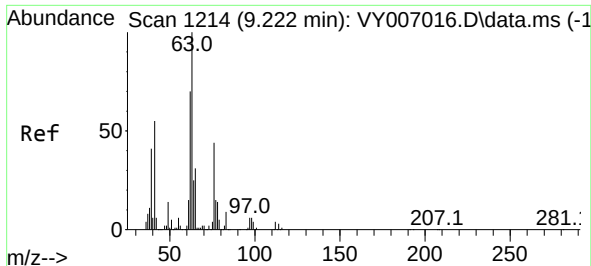


#44
Trichloroethene
Concen: 10.994 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VY007014.D
Acq: 05 Jan 2022 12:23



Tgt Ion:130 Resp: 25547
Ion Ratio Lower Upper
130 100
95 94.7 0.0 202.0





#45

1,2-Dichloropropane

Concen: 9.854 ug/l

RT: 9.221 min Scan# 1214

Delta R.T. -0.000 min

Lab File: VY007014.D

Acq: 05 Jan 2022 12:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

Tgt Ion: 63 Resp: 2148

Ion Ratio Lower Upper

63 100

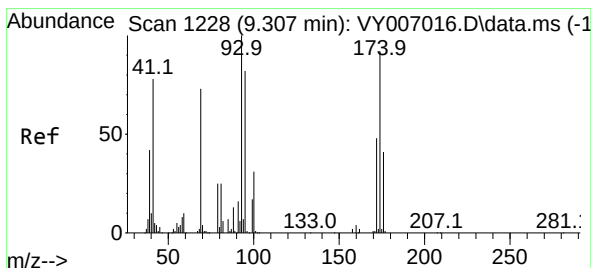
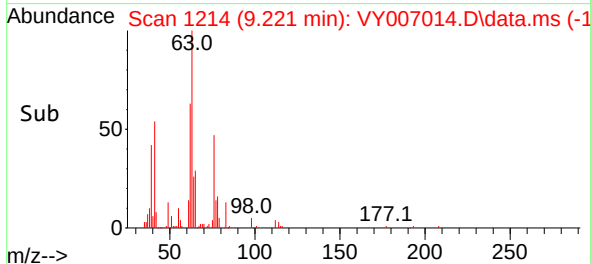
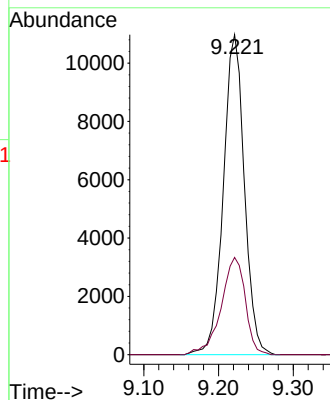
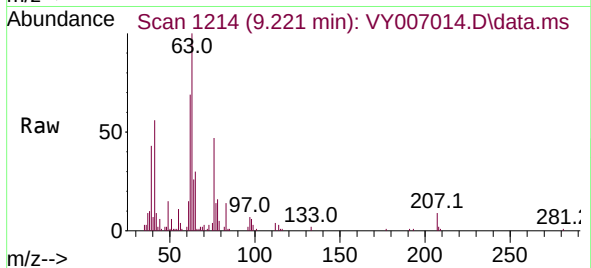
65 30.4 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/06/2022

Supervised By :Mahesh Dadoda 01/06/2022



#46

Dibromomethane

Concen: 10.570 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY007014.D

Acq: 05 Jan 2022 12:23

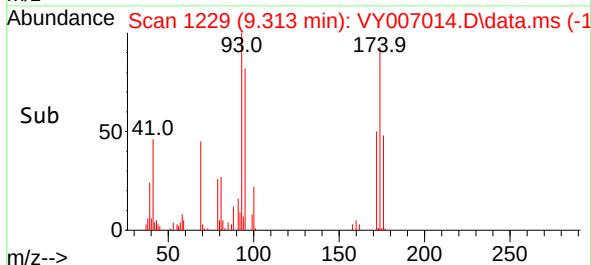
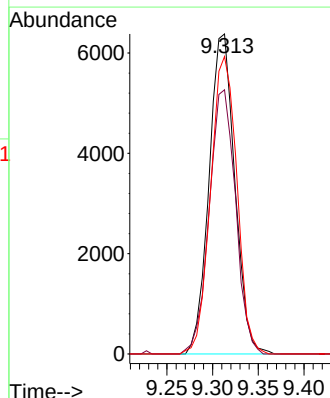
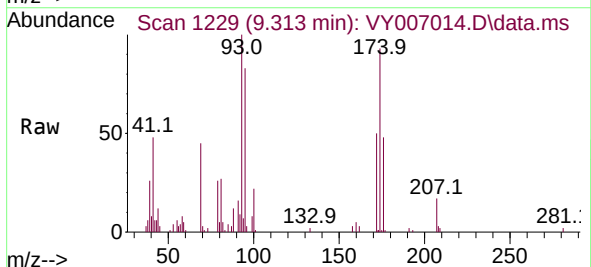
Tgt Ion: 93 Resp: 12531

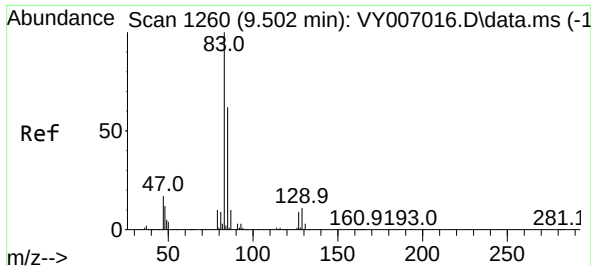
Ion Ratio Lower Upper

93 100

95 84.2 67.1 100.7

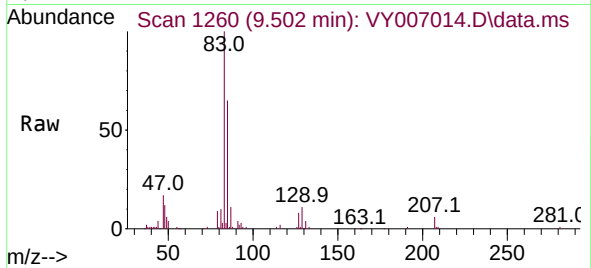
174 94.5 76.2 114.2





#47
Bromodichloromethane
Concen: 10.540 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. -0.000 min
Lab File: VY007014.D
Acq: 05 Jan 2022 12:23

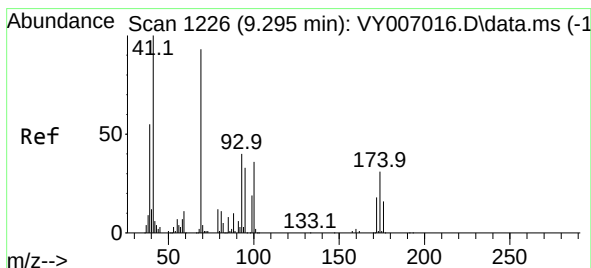
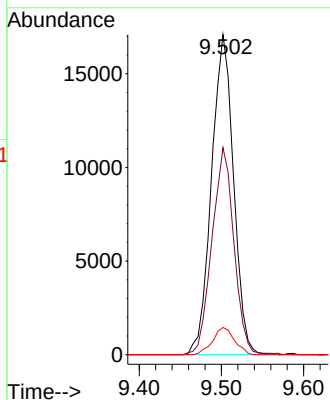
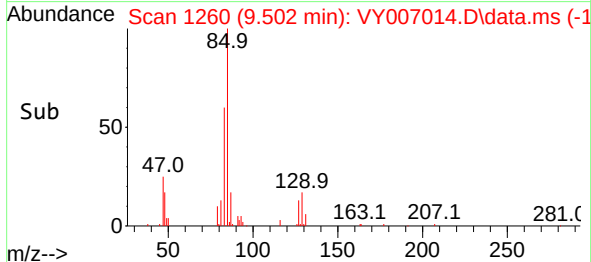
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 83 Resp: 31850
Ion Ratio Lower Upper
83 100
85 64.7 50.0 75.0
127 8.5 7.0 10.4

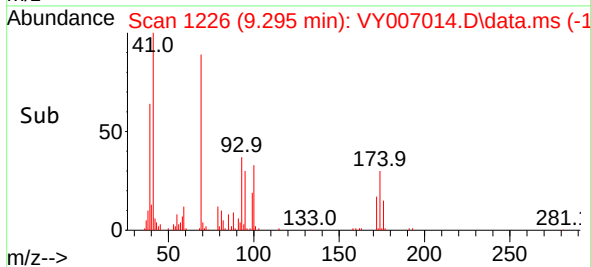
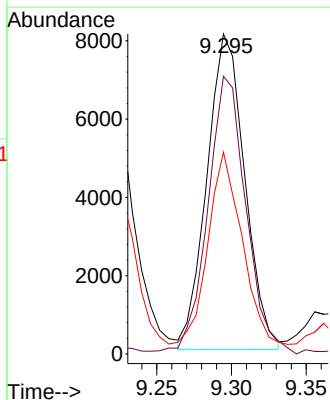
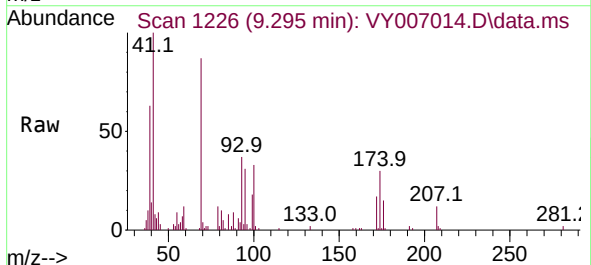
Manual Integrations
APPROVED

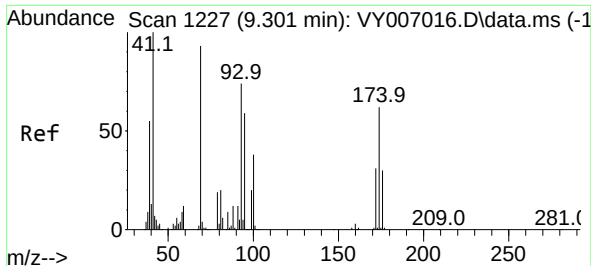
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/06/2022



#48
Methyl methacrylate
Concen: 8.656 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY007014.D
Acq: 05 Jan 2022 12:23

Tgt Ion: 41 Resp: 14176
Ion Ratio Lower Upper
41 100
69 89.2 71.1 106.7
39 55.3 43.0 64.4





#49

1,4-Dioxane

Concen: 164.245 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY007014.D

Acq: 05 Jan 2022 12:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

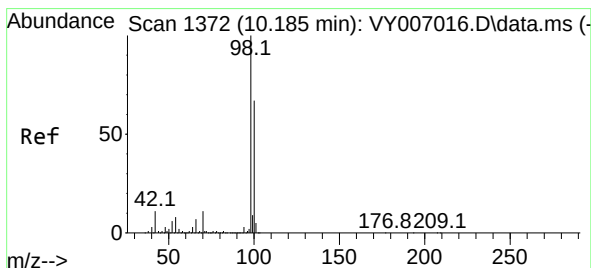
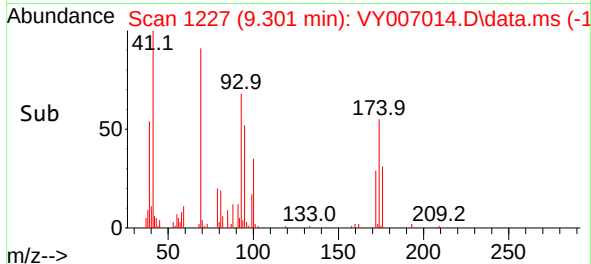
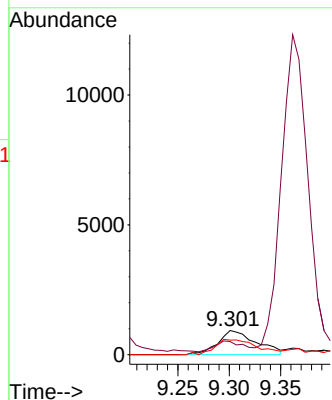
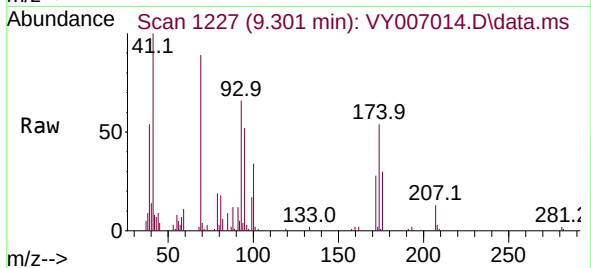
Tgt Ion: 88	Resp: 239
Ion Ratio	Lower Upper
88 100	
43 33.3	23.7 35.5
58 69.3	52.4 78.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/06/2022

Supervised By :Mahesh Dadoda 01/06/2022



#50

Toluene-d8

Concen: 10.468 ug/l

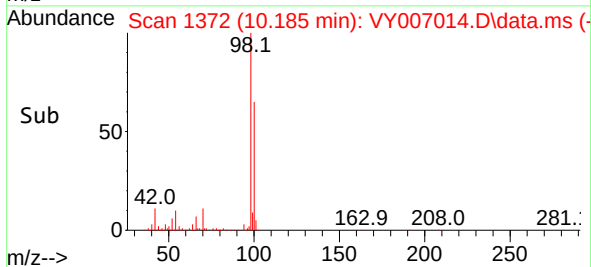
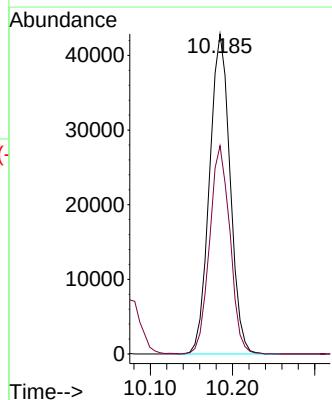
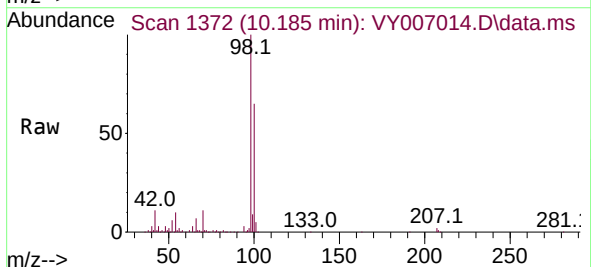
RT: 10.185 min Scan# 1372

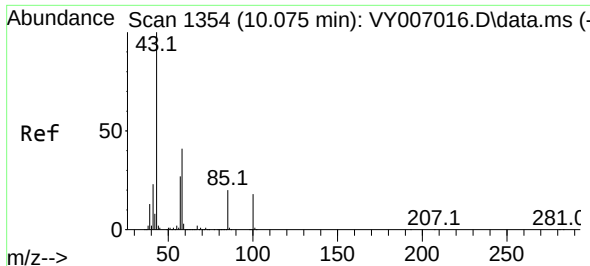
Delta R.T. -0.000 min

Lab File: VY007014.D

Acq: 05 Jan 2022 12:23

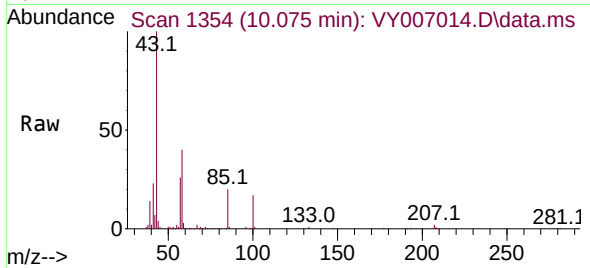
Tgt Ion: 98	Resp: 74490
Ion Ratio	Lower Upper
98 100	
100 64.3	52.8 79.2





#51
4-Methyl-2-Pentanone
Concen: 41.948 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. -0.000 min
Lab File: VY007014.D
Acq: 05 Jan 2022 12:23

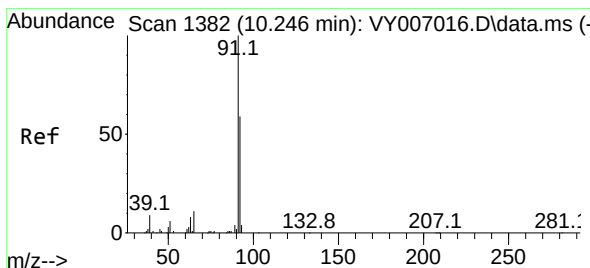
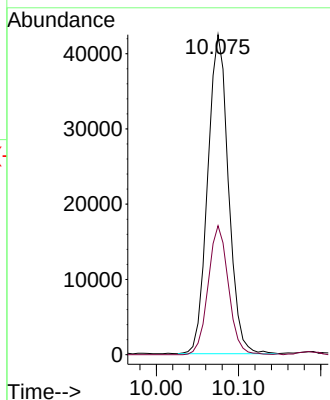
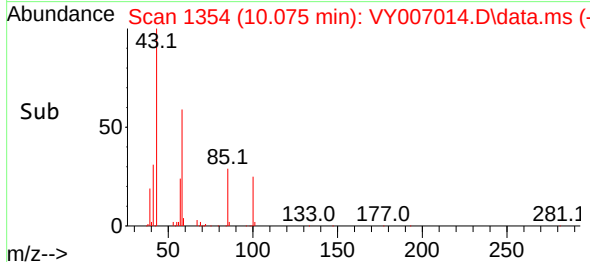
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



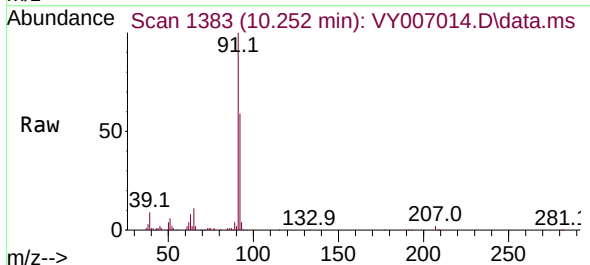
Tgt Ion: 43 Resp: 7419
Ion Ratio Lower Upper
43 100
58 39.5 32.7 49.1

Manual Integrations
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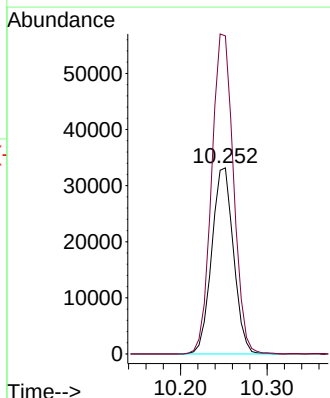
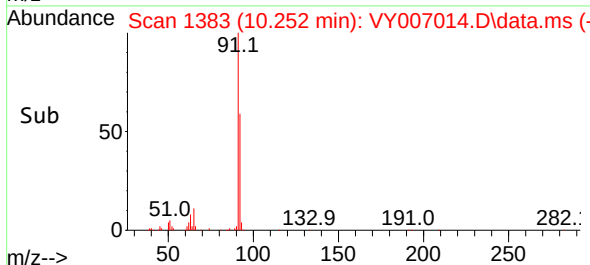
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/06/2022

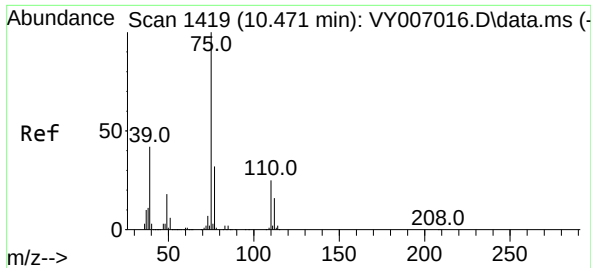


#52
Toluene
Concen: 10.479 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.006 min
Lab File: VY007014.D
Acq: 05 Jan 2022 12:23



Tgt Ion: 92 Resp: 57949
Ion Ratio Lower Upper
92 100
91 172.9 136.1 204.1





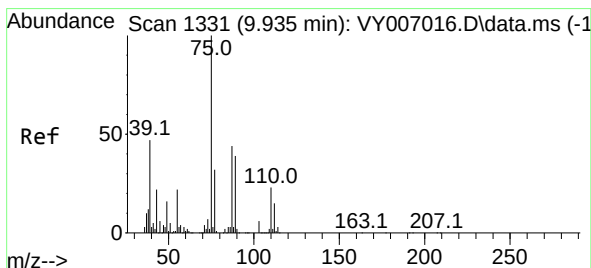
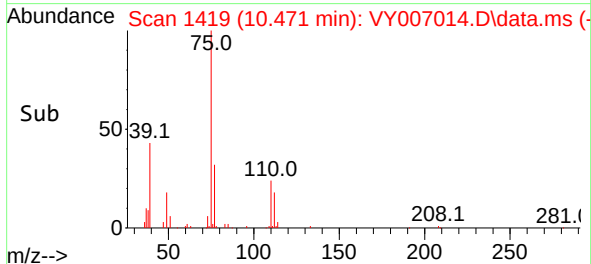
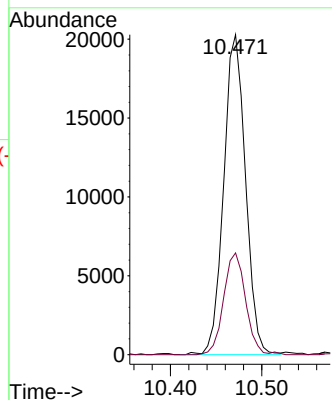
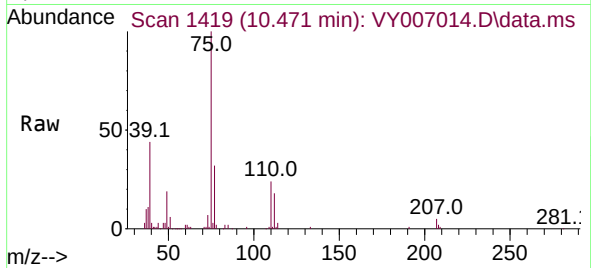
#53
 t-1,3-Dichloropropene
 Concen: 10.240 ug/l
 RT: 10.471 min Scan# 1419
 Delta R.T. -0.000 min
 Lab File: VY007014.D
 Acq: 05 Jan 2022 12:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tgt Ion: 75 Resp: 33660
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.8 38.8

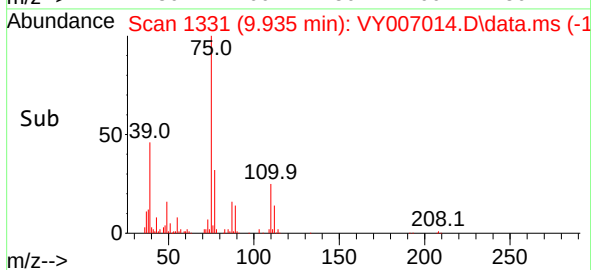
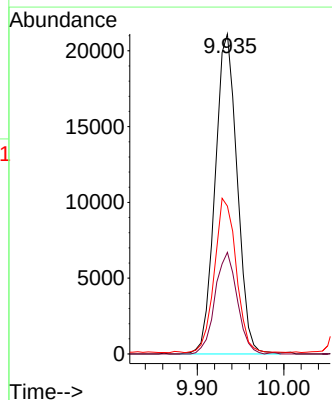
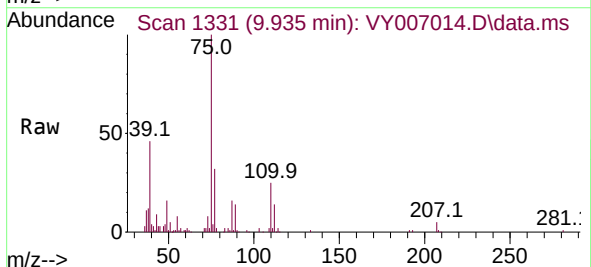
Manual Integrations
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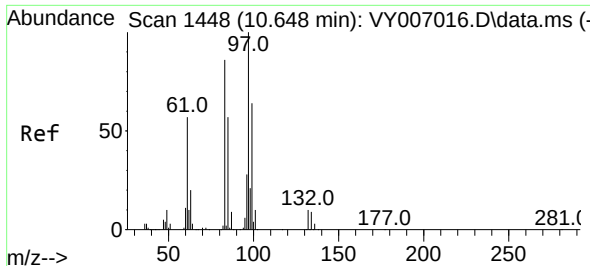
Reviewed By :John Carlone 01/06/2022
 Supervised By :Mahesh Dadoda 01/06/2022



#54
 cis-1,3-Dichloropropene
 Concen: 10.345 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. -0.000 min
 Lab File: VY007014.D
 Acq: 05 Jan 2022 12:23

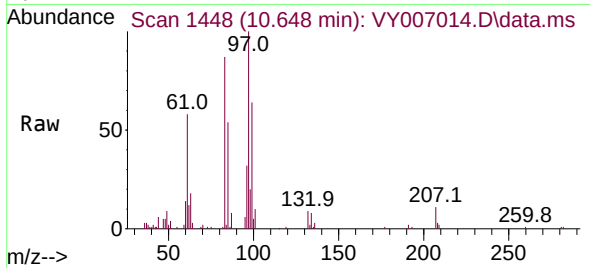
Tgt Ion: 75 Resp: 37358
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.5 38.3
 39 45.7 37.6 56.4





#55
1,1,2-Trichloroethane
Concen: 10.582 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VY007014.D
Acq: 05 Jan 2022 12:23

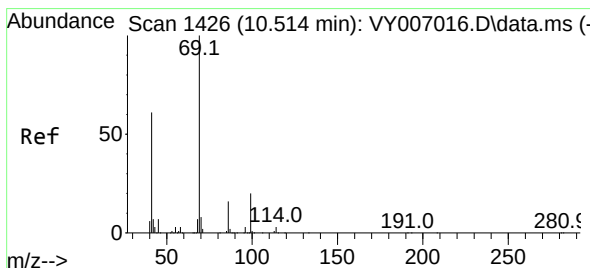
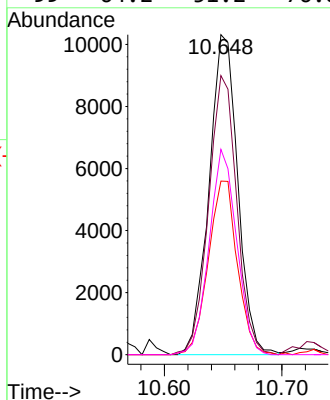
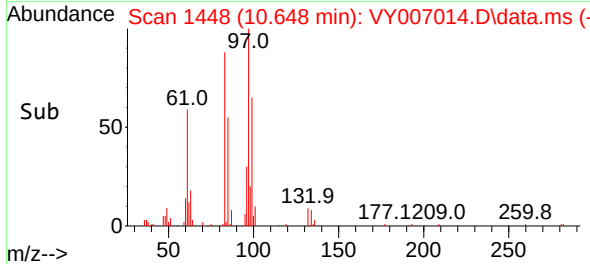
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion:	97	Resp:	1755
Ion	Ratio	Lower	Upper
97	100		
83	87.2	69.0	103.6
85	54.2	45.3	67.9
99	64.2	51.2	76.8

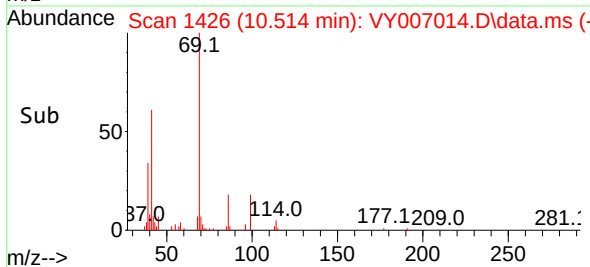
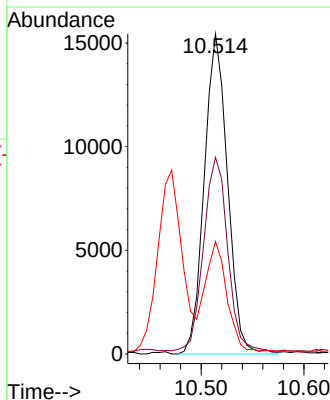
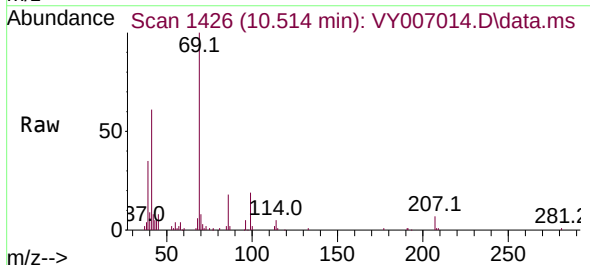
Manual Integrations
APPROVED

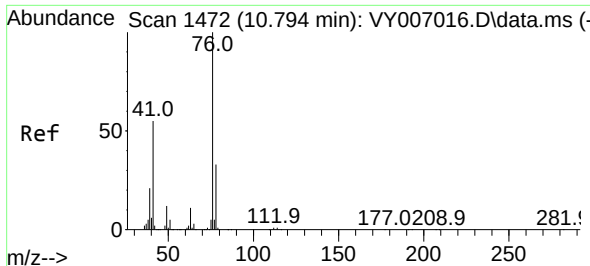
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/06/2022



#56
Ethyl methacrylate
Concen: 9.755 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. -0.000 min
Lab File: VY007014.D
Acq: 05 Jan 2022 12:23

Tgt Ion:	69	Resp:	24323
Ion	Ratio	Lower	Upper
69	100		
41	62.0	49.2	73.8
39	31.7	26.6	40.0





#57

1,3-Dichloropropane

Concen: 9.934 ug/l

RT: 10.794 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VY007014.D

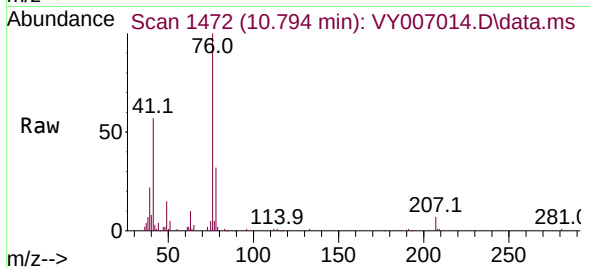
Acq: 05 Jan 2022 12:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010



Tgt Ion: 76 Resp: 2959

Ion Ratio Lower Upper

76 100

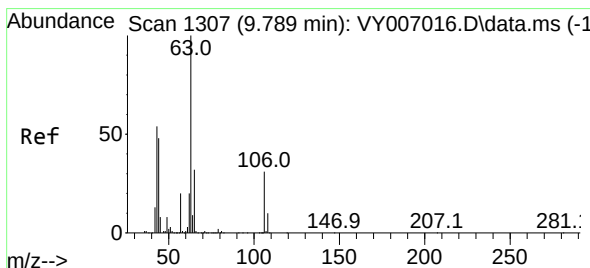
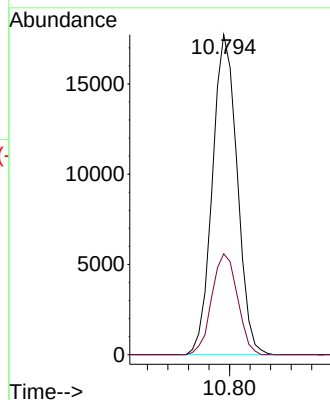
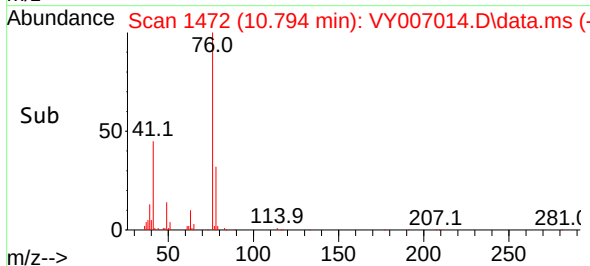
78 32.7 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/06/2022

Supervised By :Mahesh Dadoda 01/06/2022



#58

2-Chloroethyl Vinyl ether

Concen: 47.139 ug/l

RT: 9.788 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VY007014.D

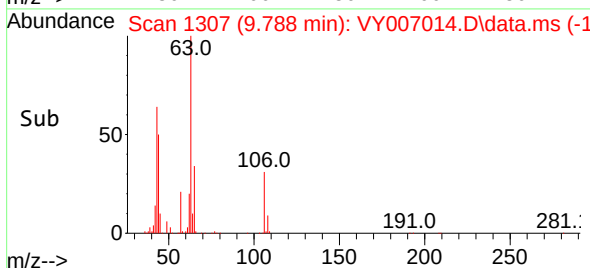
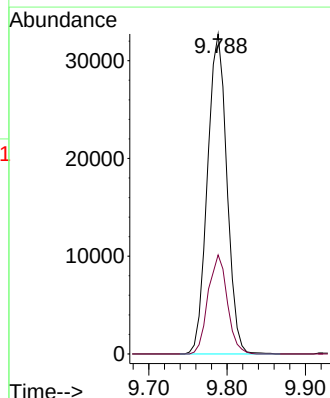
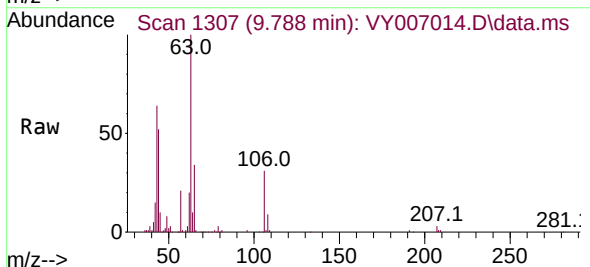
Acq: 05 Jan 2022 12:23

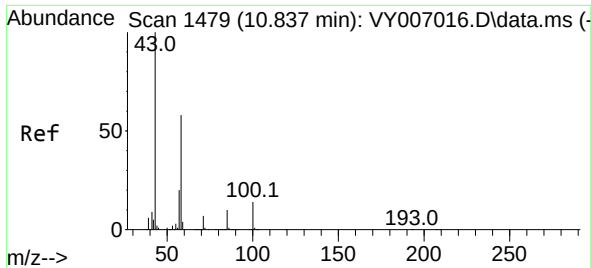
Tgt Ion: 63 Resp: 56346

Ion Ratio Lower Upper

63 100

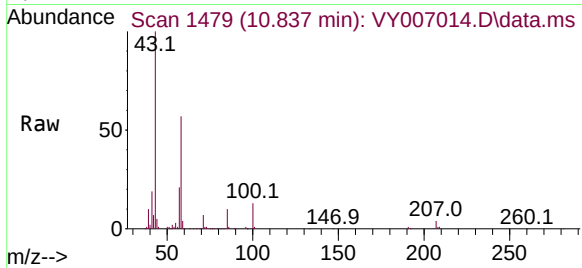
106 30.5 24.4 36.6





#59
2-Hexanone
Concen: 40.044 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. -0.000 min
Lab File: VY007014.D
Acq: 05 Jan 2022 12:23

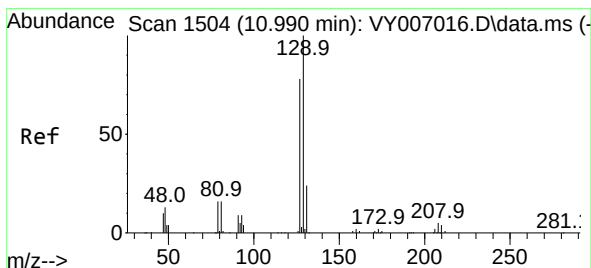
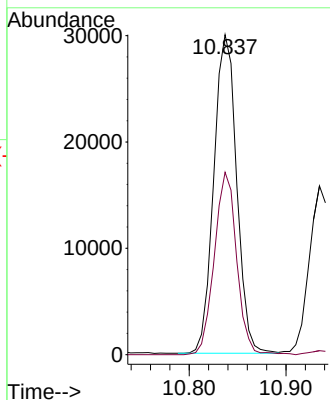
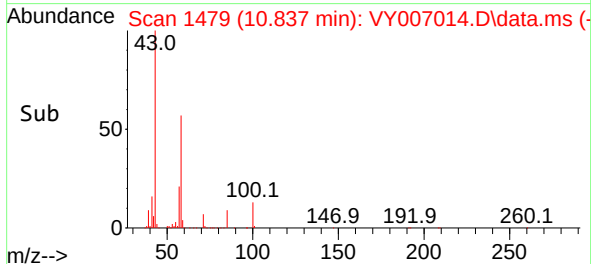
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



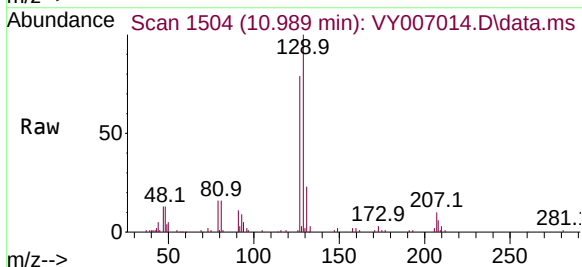
Tgt Ion: 43 Resp: 49078
Ion Ratio Lower Upper
43 100
58 55.9 28.6 85.8

Manual Integrations
APPROVED

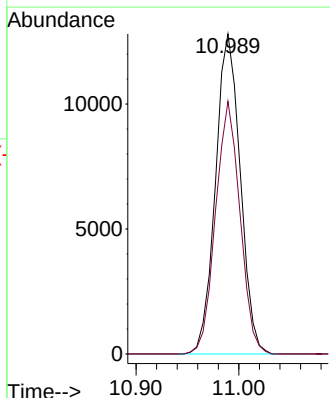
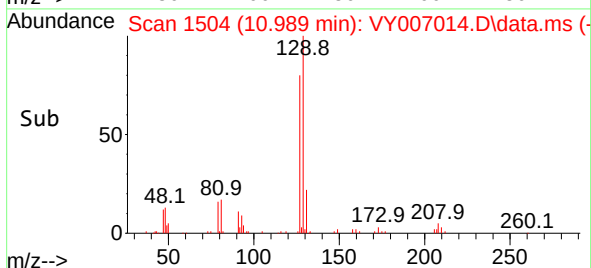
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/06/2022

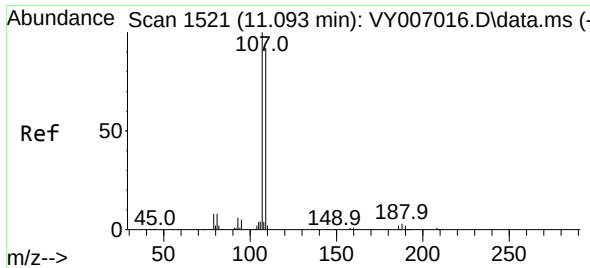


#60
Dibromochloromethane
Concen: 10.604 ug/l
RT: 10.989 min Scan# 1504
Delta R.T. -0.000 min
Lab File: VY007014.D
Acq: 05 Jan 2022 12:23



Tgt Ion:129 Resp: 21426
Ion Ratio Lower Upper
129 100
127 77.8 38.6 115.8





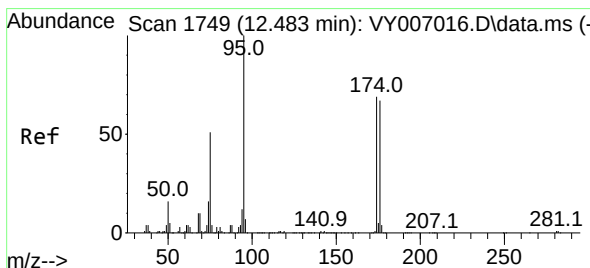
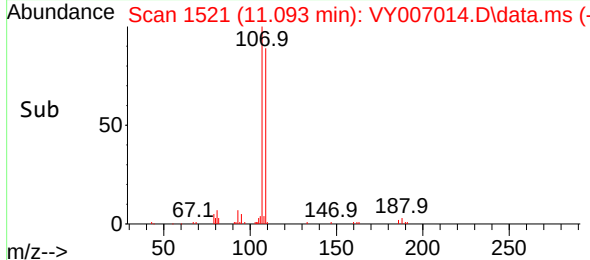
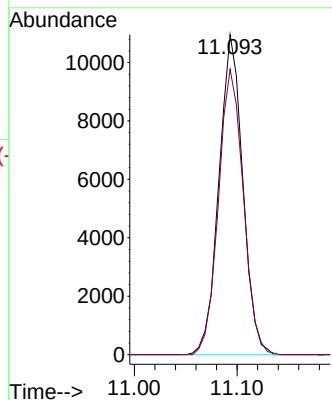
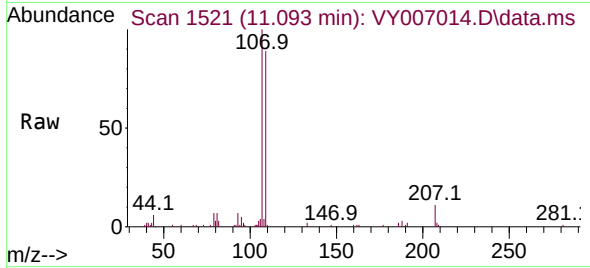
#61
1,2-Dibromoethane
Concen: 11.042 ug/l
RT: 11.093 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VY007014.D
Acq: 05 Jan 2022 12:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:107 Resp: 1755
Ion Ratio Lower Upper
107 100
109 93.0 75.3 112.9

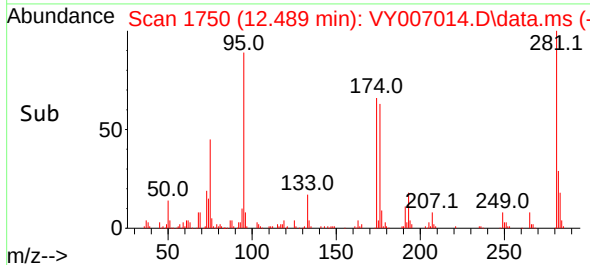
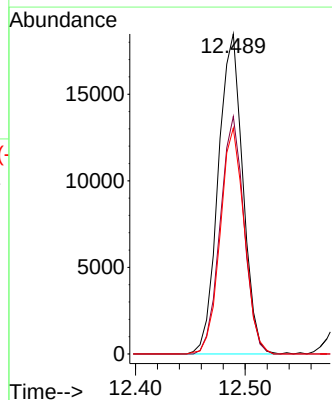
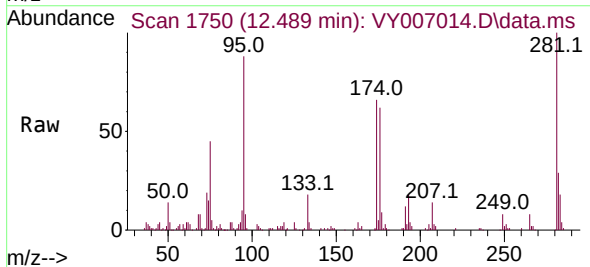
Manual Integrations
APPROVED

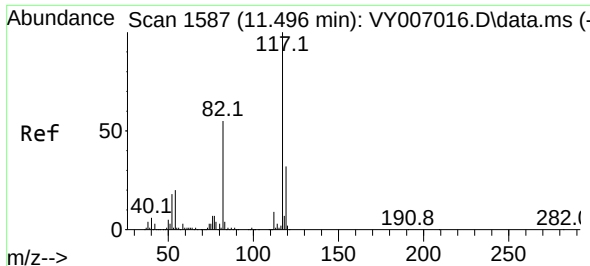
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/06/2022



#62
4-Bromofluorobenzene
Concen: 11.696 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY007014.D
Acq: 05 Jan 2022 12:23

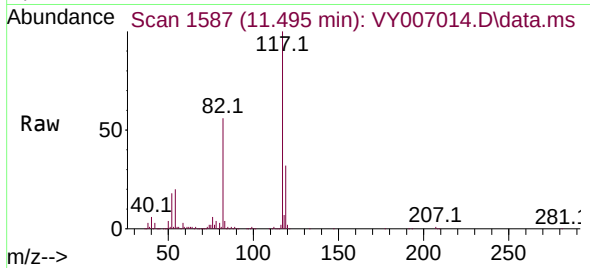
Tgt Ion: 95 Resp: 28743
Ion Ratio Lower Upper
95 100
174 71.9 0.0 144.6
176 69.2 0.0 141.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007014.D
Acq: 05 Jan 2022 12:23

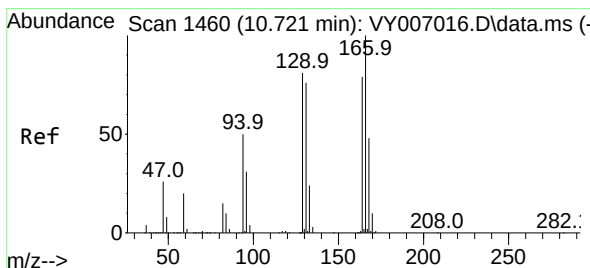
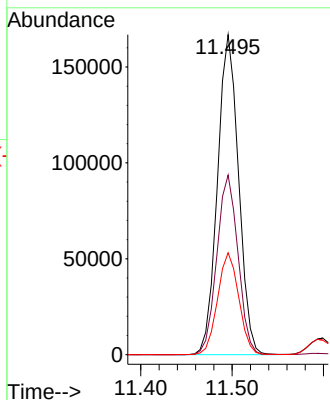
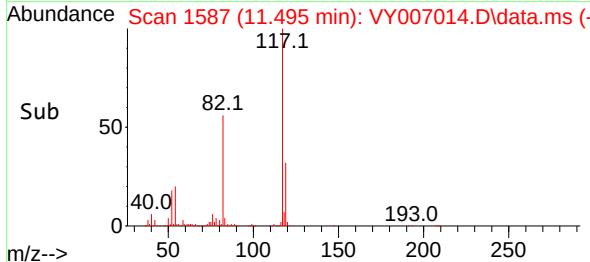
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



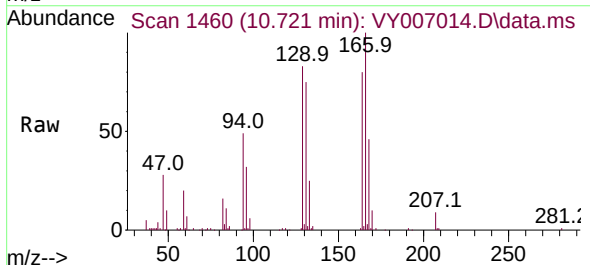
Tgt Ion:117 Resp: 26794
Ion Ratio Lower Upper
117 100
82 56.2 44.1 66.1
119 31.8 25.3 37.9

Manual Integrations
APPROVED

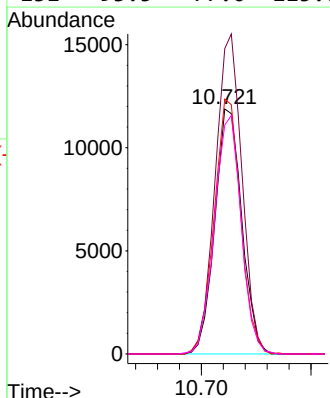
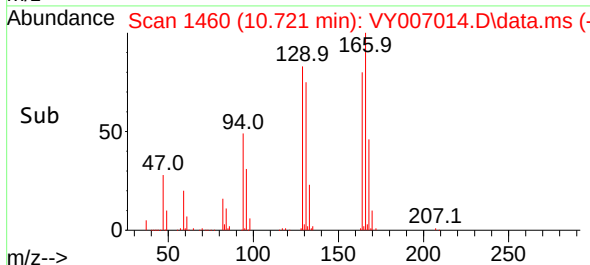
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/06/2022

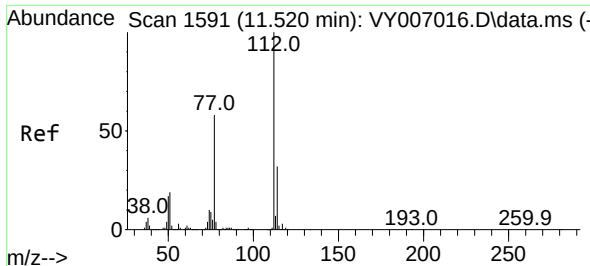


#64
Tetrachloroethene
Concen: 9.323 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY007014.D
Acq: 05 Jan 2022 12:23



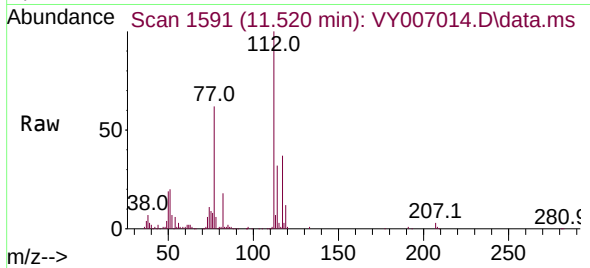
Tgt Ion:164 Resp: 20277
Ion Ratio Lower Upper
164 100
166 124.7 101.4 152.0
129 104.0 81.6 122.4
131 93.5 77.0 115.6





#65
Chlorobenzene
Concen: 11.000 ug/l
RT: 11.520 min Scan# 11591
Delta R.T. -0.000 min
Lab File: VY007014.D
Acq: 05 Jan 2022 12:23

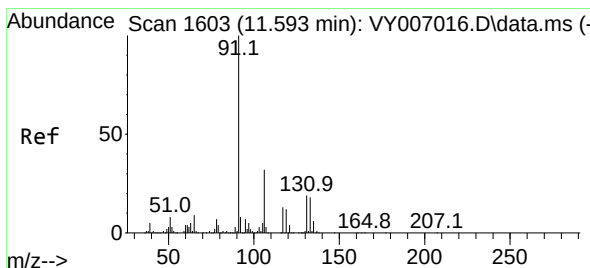
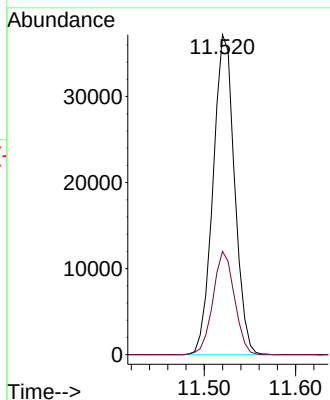
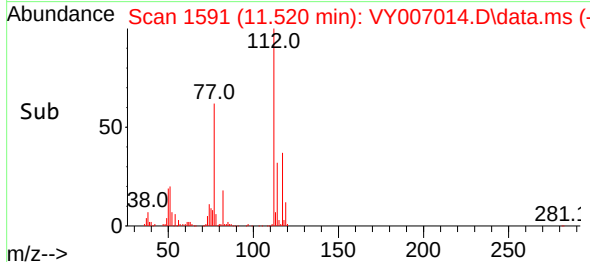
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



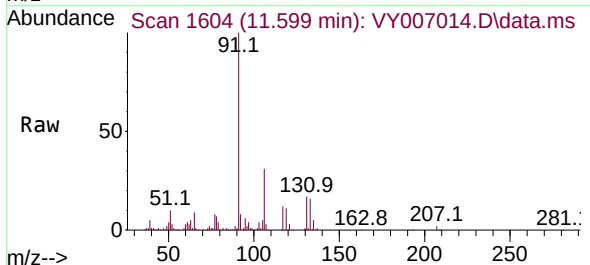
Tgt Ion:112 Resp: 60725
Ion Ratio Lower Upper
112 100
114 32.3 25.5 38.3

Manual Integrations
APPROVED

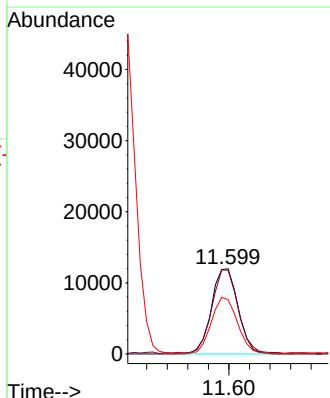
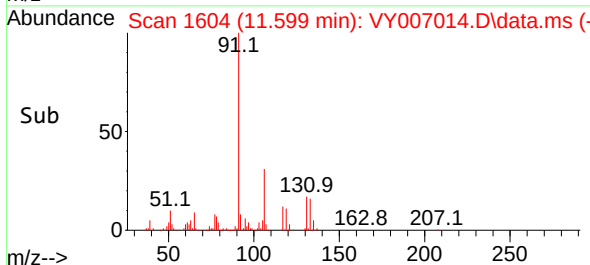
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/06/2022

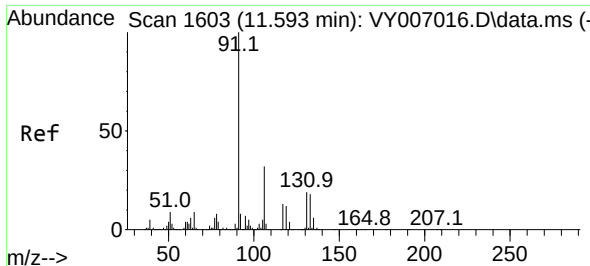


#66
1,1,1,2-Tetrachloroethane
Concen: 10.586 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY007014.D
Acq: 05 Jan 2022 12:23



Tgt Ion:131 Resp: 21416
Ion Ratio Lower Upper
131 100
133 98.2 47.6 142.8
119 65.9 32.5 97.5





#67

Ethyl Benzene

Concen: 11.035 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.006 min

Lab File: VY007014.D

Acq: 05 Jan 2022 12:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

Tgt Ion: 91 Resp: 11439

Ion Ratio Lower Upper

91 100

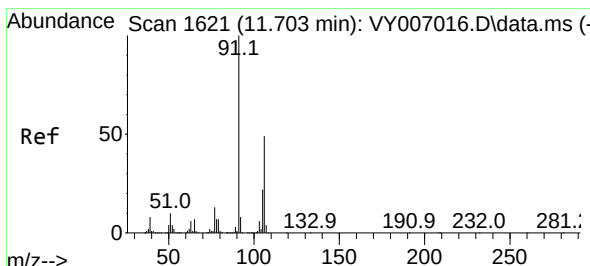
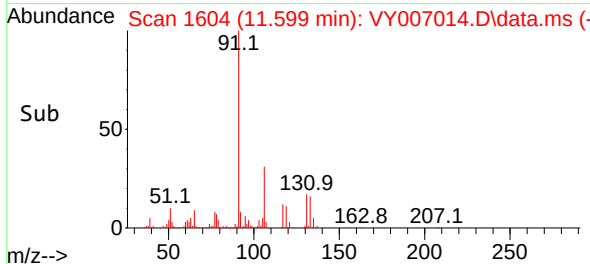
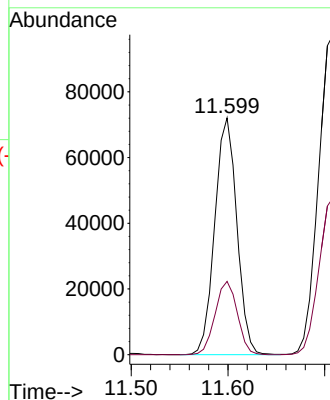
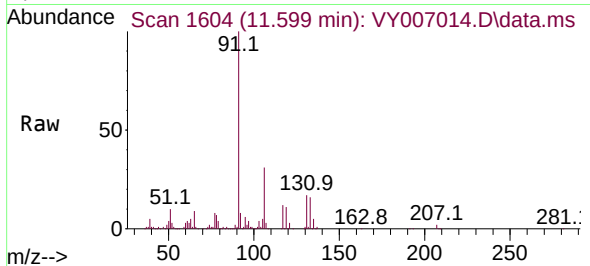
106 30.9 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/06/2022

Supervised By :Mahesh Dadoda 01/06/2022



#68

m/p-Xylenes

Concen: 22.275 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.006 min

Lab File: VY007014.D

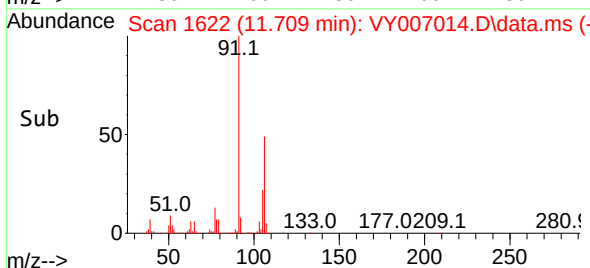
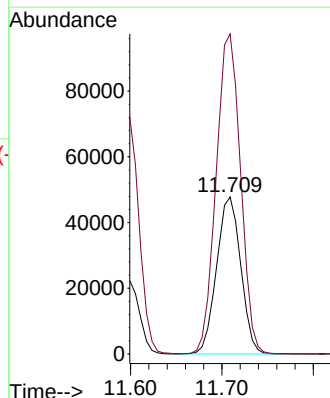
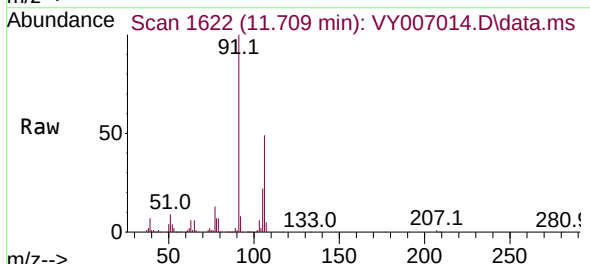
Acq: 05 Jan 2022 12:23

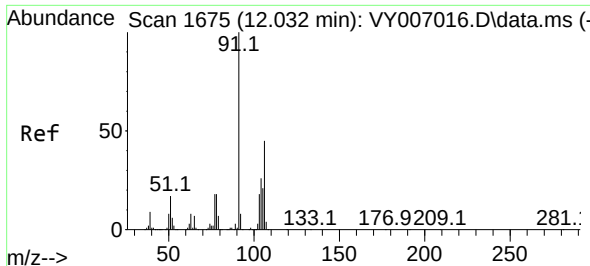
Tgt Ion:106 Resp: 87726

Ion Ratio Lower Upper

106 100

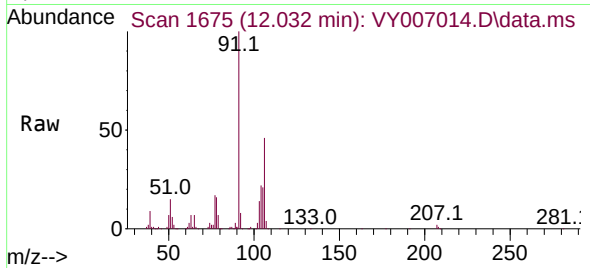
91 206.3 165.3 247.9





#69
o-Xylene
Concen: 10.826 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY007014.D
Acq: 05 Jan 2022 12:23

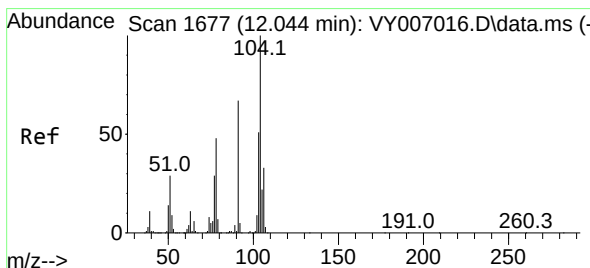
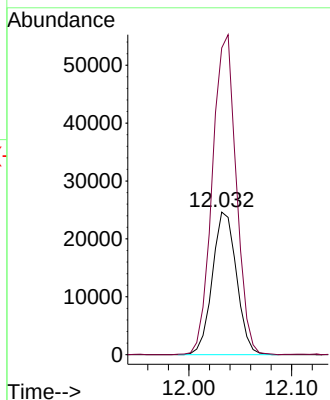
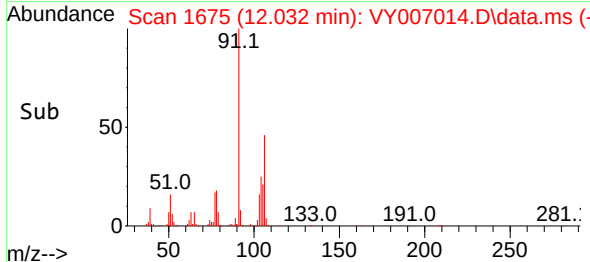
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



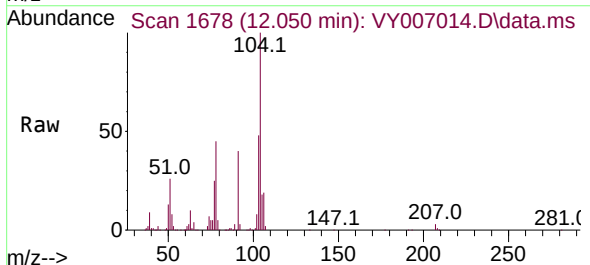
Tgt Ion:106 Resp: 40174
Ion Ratio Lower Upper
106 100
91 222.2 108.3 324.8

Manual Integrations
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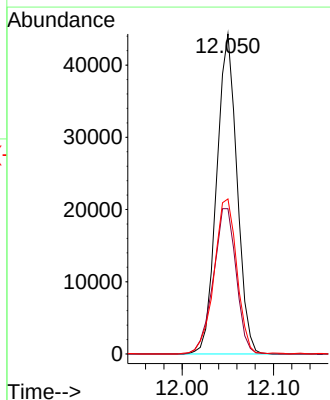
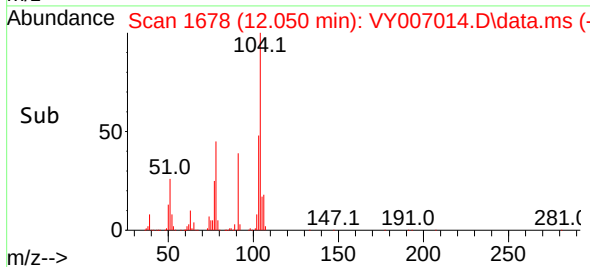
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/06/2022

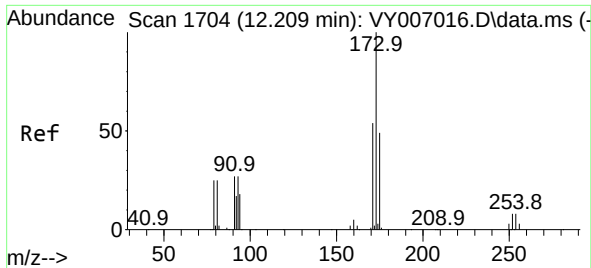


#70
Styrene
Concen: 10.885 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY007014.D
Acq: 05 Jan 2022 12:23



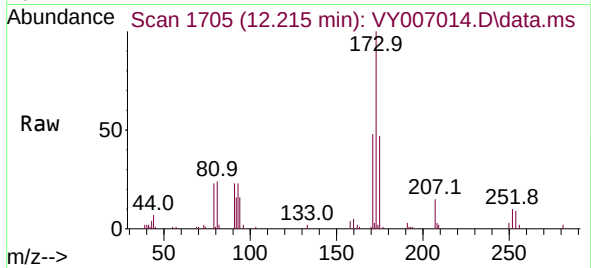
Tgt Ion:104 Resp: 68577
Ion Ratio Lower Upper
104 100
78 51.1 40.7 61.1
103 54.2 43.5 65.3





#71
Bromoform
Concen: 9.989 ug/l
RT: 12.215 min Scan# 1705
Delta R.T. 0.006 min
Lab File: VY007014.D
Acq: 05 Jan 2022 12:23

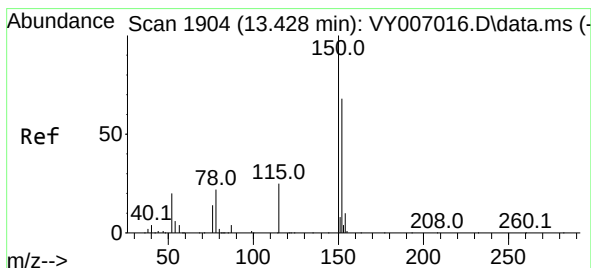
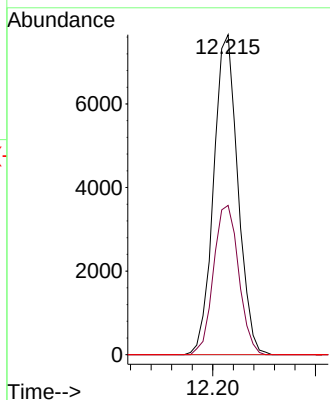
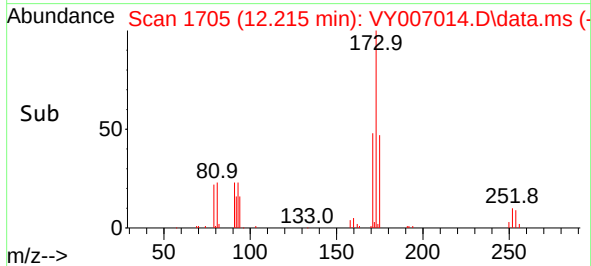
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



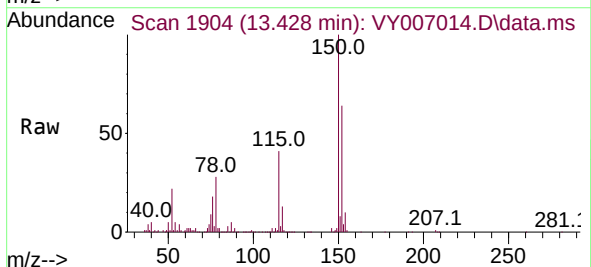
Tgt Ion:173 Resp: 12510
Ion Ratio Lower Upper
173 100
175 48.5 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

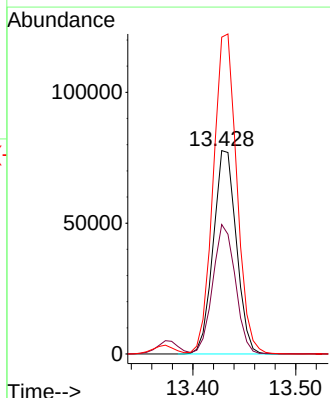
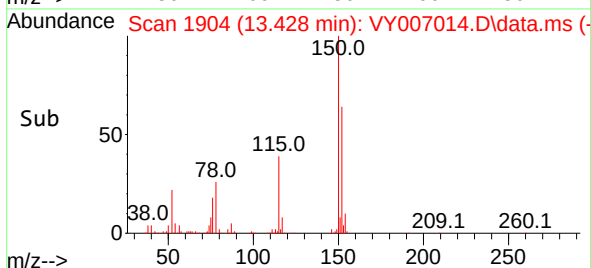
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/06/2022

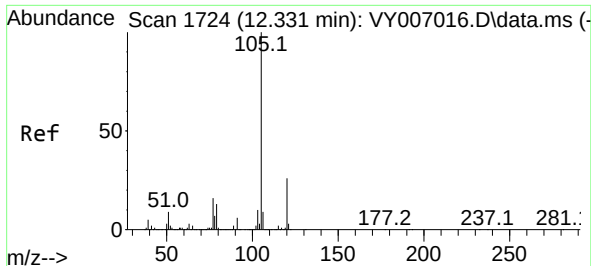


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY007014.D
Acq: 05 Jan 2022 12:23



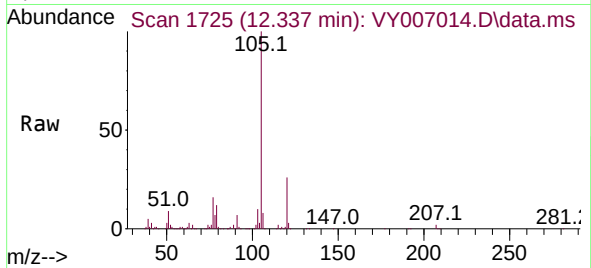
Tgt Ion:152 Resp: 121150
Ion Ratio Lower Upper
152 100
115 62.1 31.9 95.5
150 160.6 0.0 358.0





#73
Isopropylbenzene
Concen: 11.927 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. 0.006 min
Lab File: VY007014.D
Acq: 05 Jan 2022 12:23

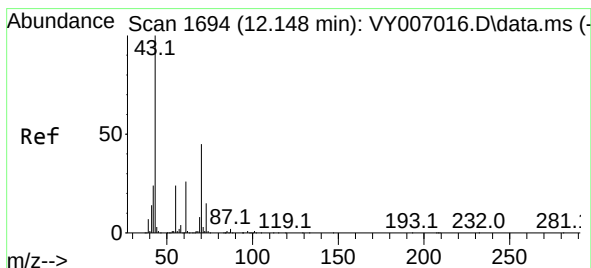
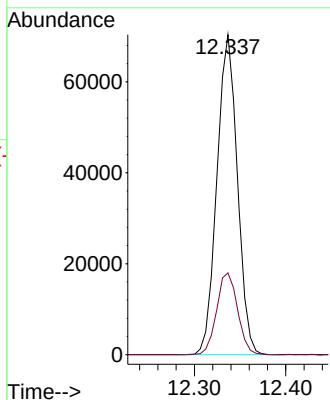
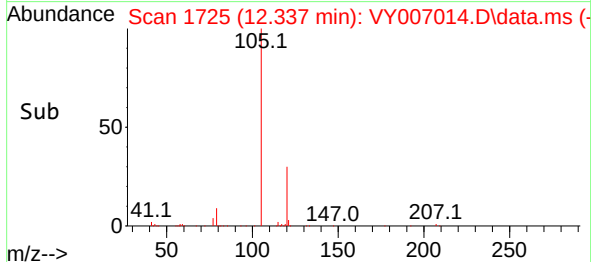
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion:105 Resp: 109562
Ion Ratio Lower Upper
105 100
120 26.1 13.2 39.5

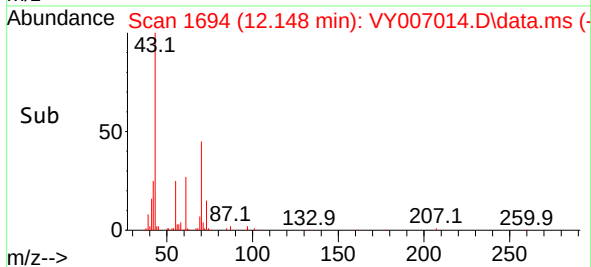
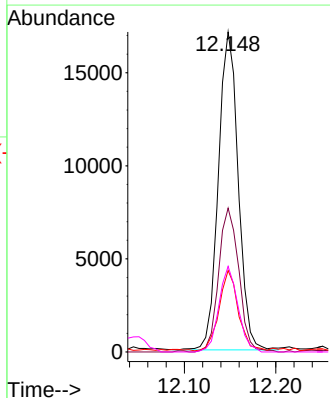
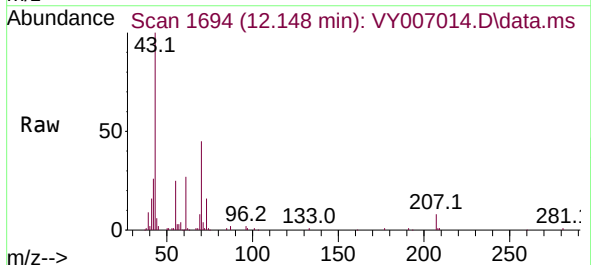
Manual Integrations
APPROVED

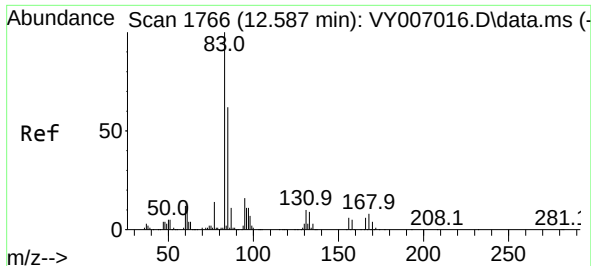
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/06/2022



#74
N-ethyl acetate
Concen: 9.382 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VY007014.D
Acq: 05 Jan 2022 12:23

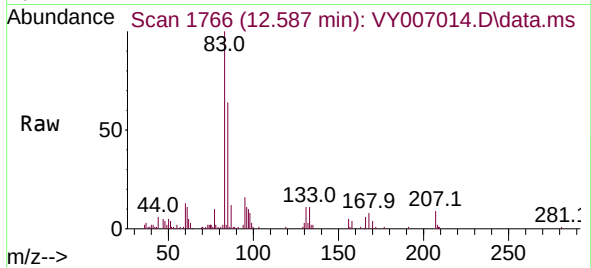
Tgt Ion: 43 Resp: 25857
Ion Ratio Lower Upper
43 100
70 45.8 36.0 54.0
55 24.4 19.0 28.4
61 25.8 20.4 30.6





#75
1,1,2,2-Tetrachloroethane
Concen: 11.361 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. -0.000 min
Lab File: VY007014.D
Acq: 05 Jan 2022 12:23

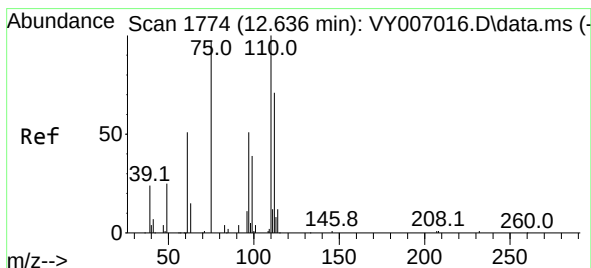
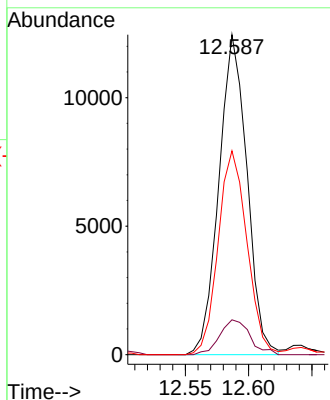
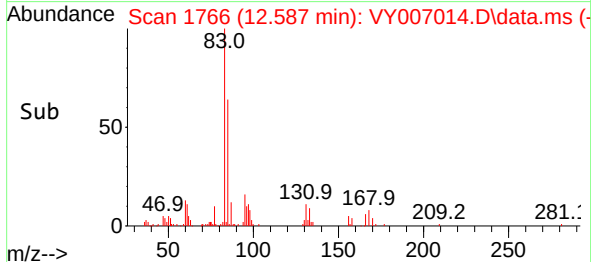
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



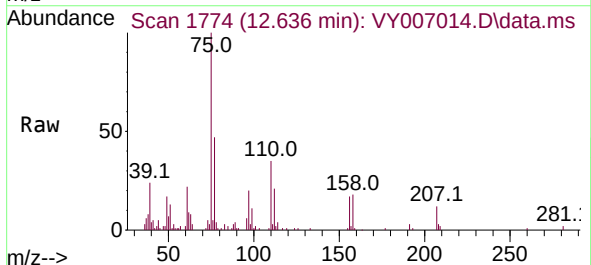
Tgt Ion: 83 Resp: 1919
Ion Ratio Lower Upper
83 100
131 11.7 5.3 15.9
85 65.3 31.8 95.4

Manual Integrations
APPROVED

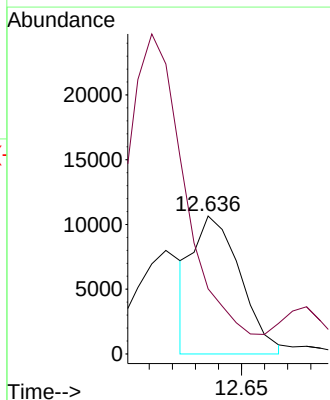
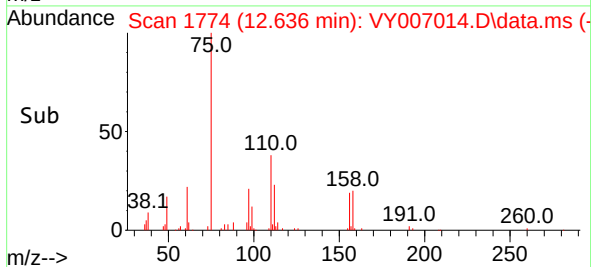
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/06/2022

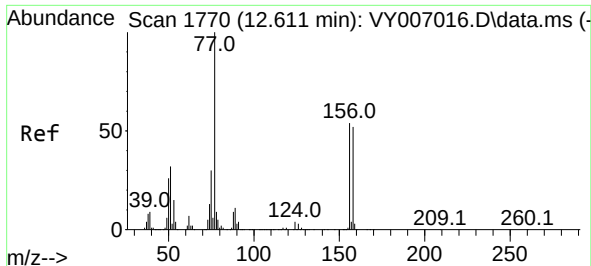


#76
1,2,3-Trichloropropane
Concen: 11.928 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY007014.D
Acq: 05 Jan 2022 12:23



Tgt Ion: 75 Resp: 15101
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





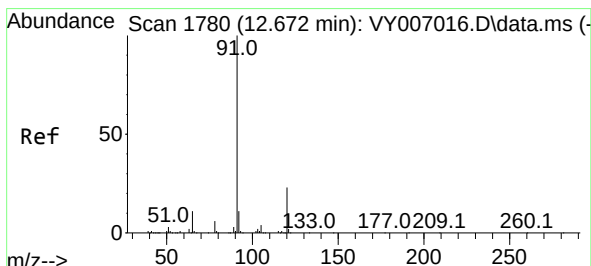
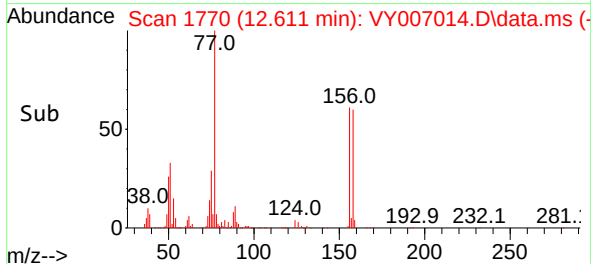
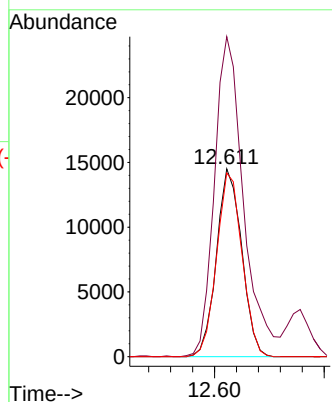
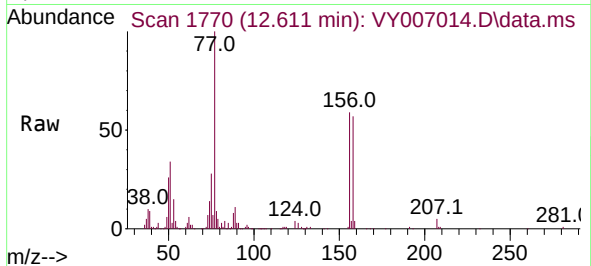
#77
Bromobenzene
Concen: 10.912 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. -0.000 min
Lab File: VY007014.D
Acq: 05 Jan 2022 12:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:156 Resp: 23240
Ion Ratio Lower Upper
156 100
77 196.4 99.5 298.5
158 98.4 47.9 143.6

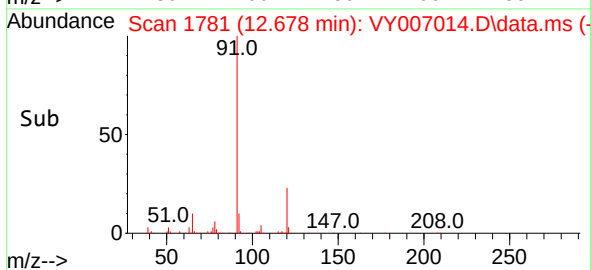
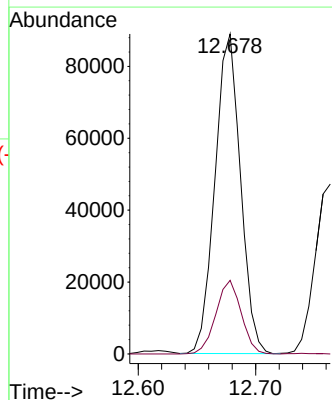
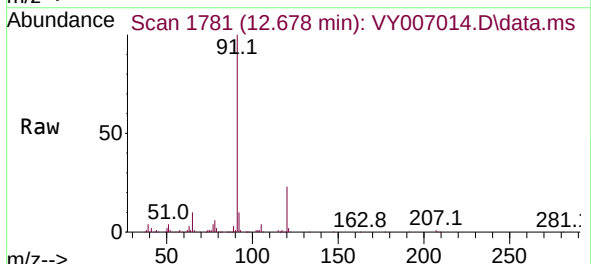
Manual Integrations
APPROVED

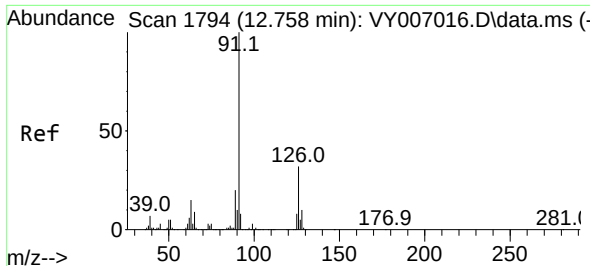
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/06/2022



#78
n-propylbenzene
Concen: 11.868 ug/l
RT: 12.678 min Scan# 1781
Delta R.T. 0.006 min
Lab File: VY007014.D
Acq: 05 Jan 2022 12:23

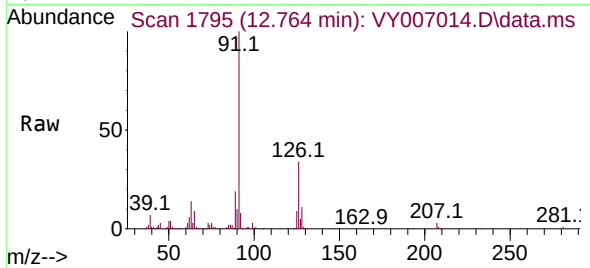
Tgt Ion: 91 Resp: 134082
Ion Ratio Lower Upper
91 100
120 22.9 11.6 34.8





#79
2-Chlorotoluene
Concen: 11.932 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. 0.006 min
Lab File: VY007014.D
Acq: 05 Jan 2022 12:23

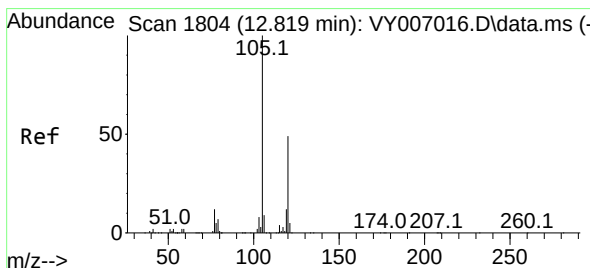
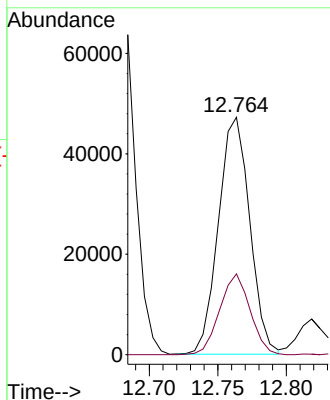
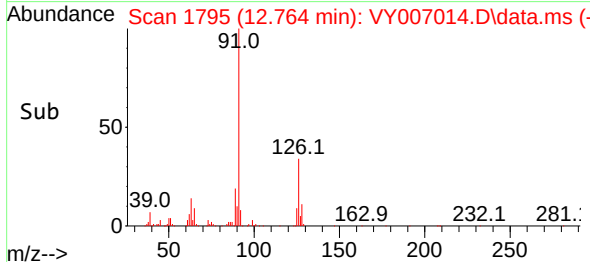
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



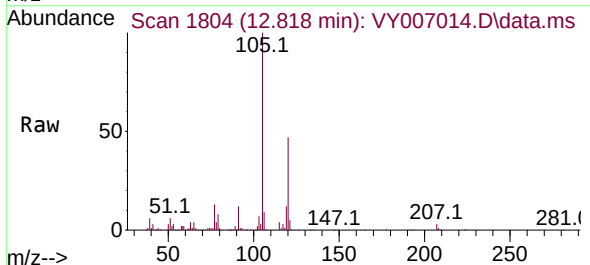
Tgt Ion: 91 Resp: 75152
Ion Ratio Lower Upper
91 100
126 32.9 16.4 49.4

Manual Integrations
APPROVED

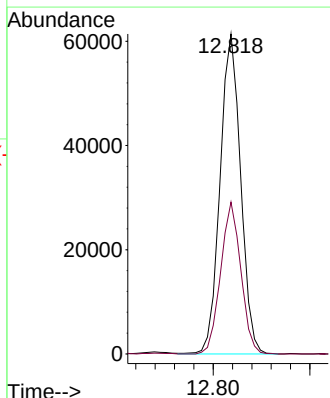
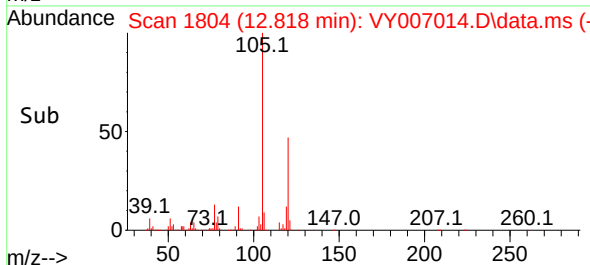
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/06/2022

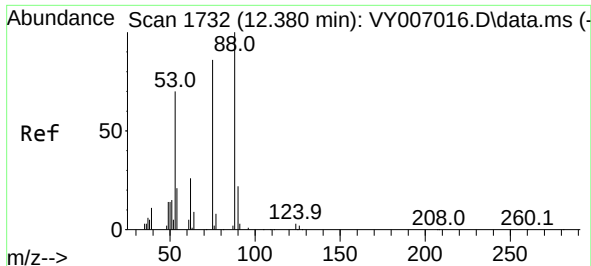


#80
1,3,5-Trimethylbenzene
Concen: 11.834 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. -0.000 min
Lab File: VY007014.D
Acq: 05 Jan 2022 12:23



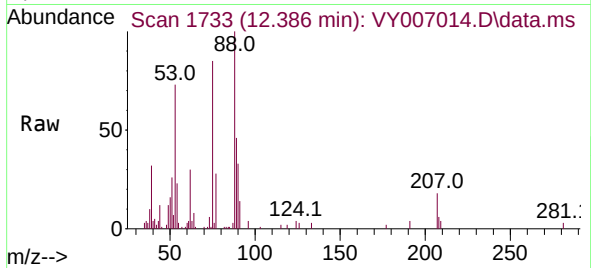
Tgt Ion:105 Resp: 90631
Ion Ratio Lower Upper
105 100
120 46.5 24.1 72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 12.108 ug/l
RT: 12.386 min Scan# 1732
Delta R.T. 0.006 min
Lab File: VY007014.D
Acq: 05 Jan 2022 12:23

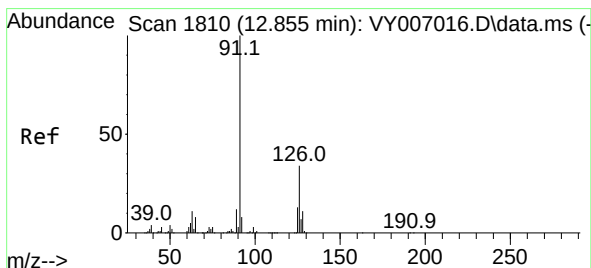
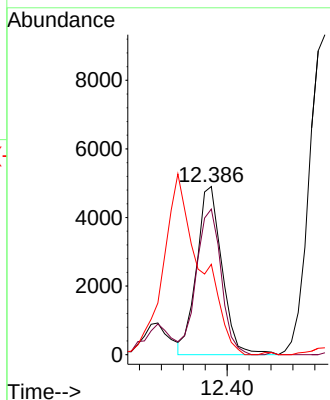
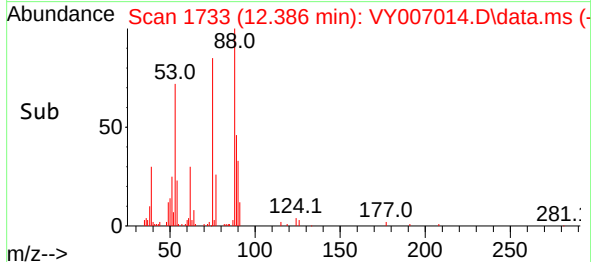
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 75 Resp: 788
Ion Ratio Lower Upper
75 100
53 85.0 72.2 108.4
89 0.0 0.0 0.0

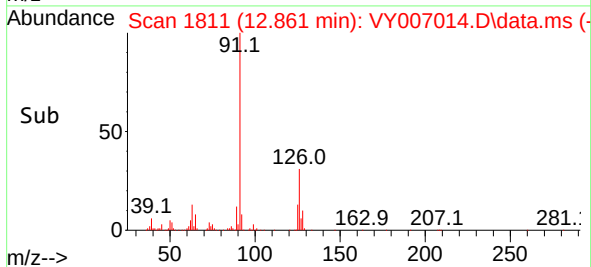
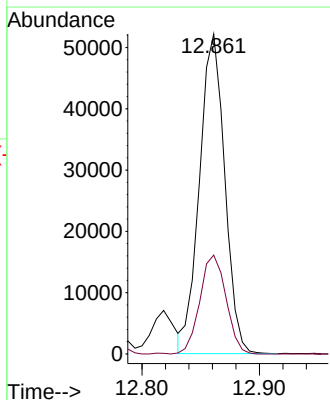
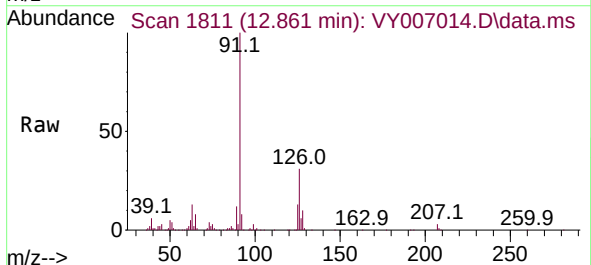
Manual Integrations
APPROVED

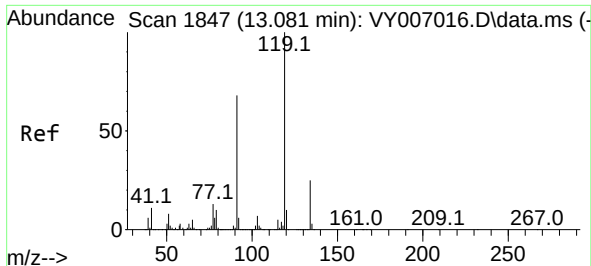
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/06/2022



#82
4-Chlorotoluene
Concen: 11.980 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY007014.D
Acq: 05 Jan 2022 12:23

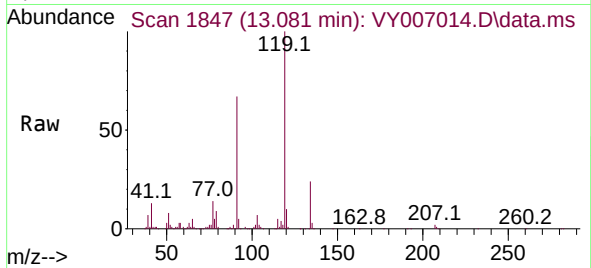
Tgt Ion: 91 Resp: 77981
Ion Ratio Lower Upper
91 100
126 31.9 16.6 49.7





#83
tert-Butylbenzene
Concen: 12.185 ug/l
RT: 13.081 min Scan# 1847
Delta R.T. -0.000 min
Lab File: VY007014.D
Acq: 05 Jan 2022 12:23

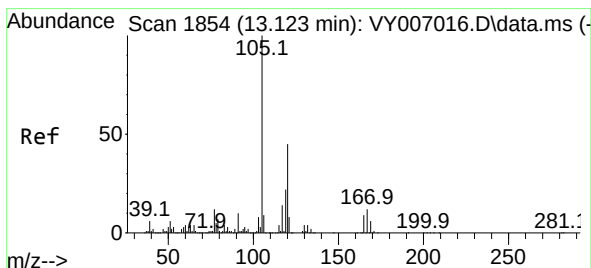
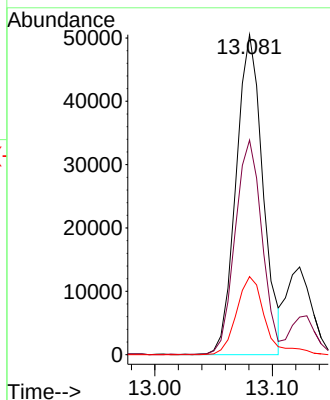
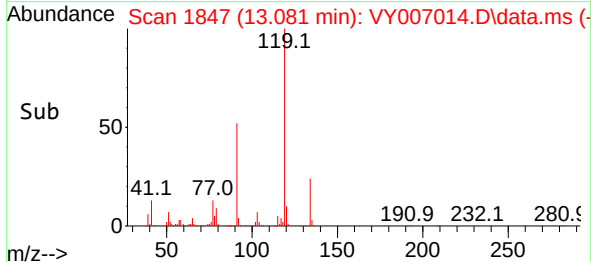
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



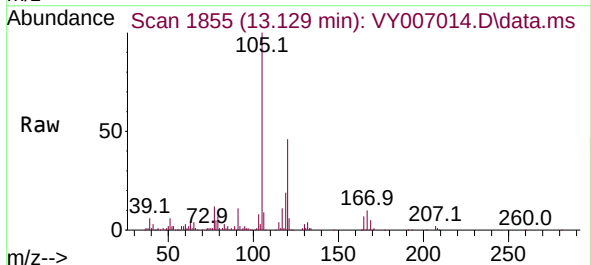
Tgt Ion:119 Resp: 80350
Ion Ratio Lower Upper
119 100
91 67.9 33.5 100.5
134 25.9 13.0 39.0

Manual Integrations
APPROVED

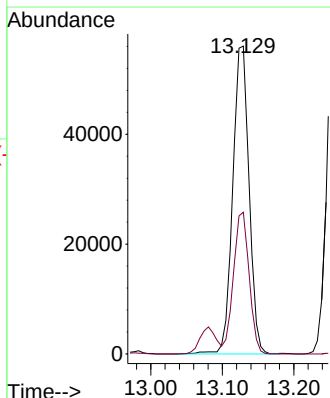
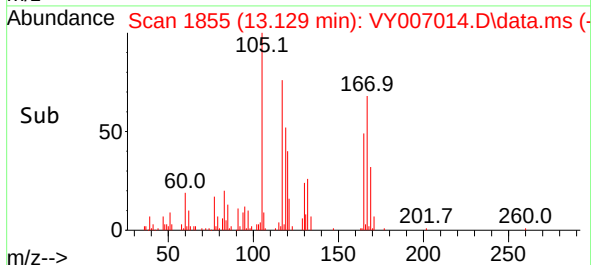
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/06/2022

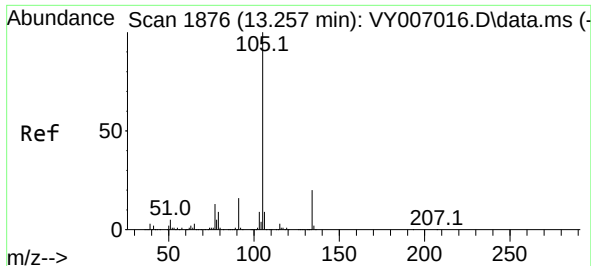


#84
1,2,4-Trimethylbenzene
Concen: 11.753 ug/l
RT: 13.129 min Scan# 1855
Delta R.T. 0.006 min
Lab File: VY007014.D
Acq: 05 Jan 2022 12:23



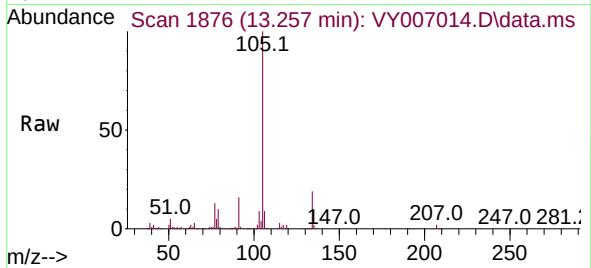
Tgt Ion:105 Resp: 88801
Ion Ratio Lower Upper
105 100
120 44.4 22.1 66.5





#85
 sec-Butylbenzene
 Concen: 11.738 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. -0.000 min
 Lab File: VY007014.D
 Acq: 05 Jan 2022 12:23

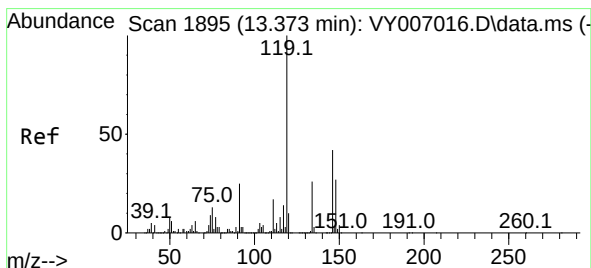
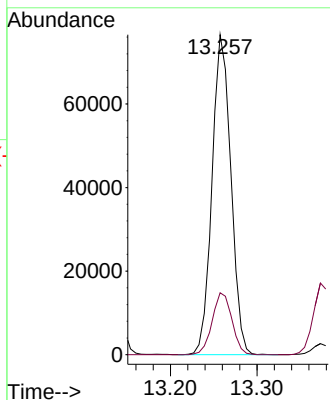
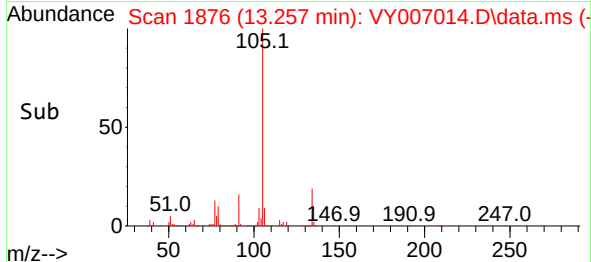
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010



Tgt Ion:105 Resp: 11593
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.0 29.8

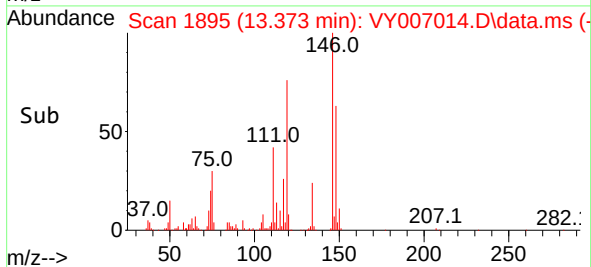
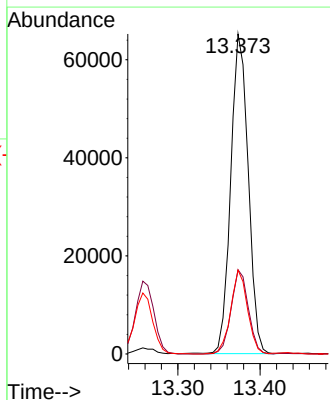
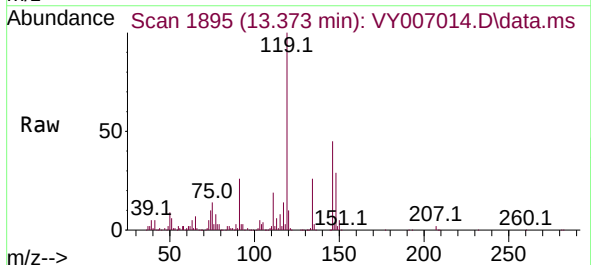
Manual Integrations
 APPROVED

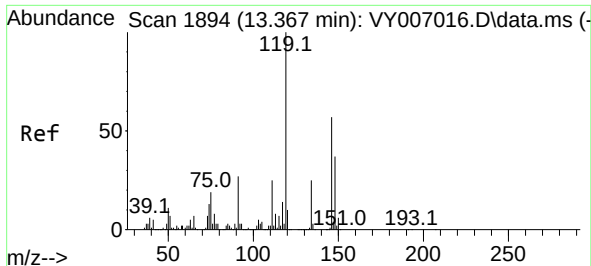
Reviewed By :John Carlone 01/06/2022
 Supervised By :Mahesh Dadoda 01/06/2022



#86
 p-Isopropyltoluene
 Concen: 11.650 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. -0.000 min
 Lab File: VY007014.D
 Acq: 05 Jan 2022 12:23

Tgt Ion:119 Resp: 96498
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.0 38.9
 91 25.2 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 10.936 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY007014.D

Acq: 05 Jan 2022 12:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

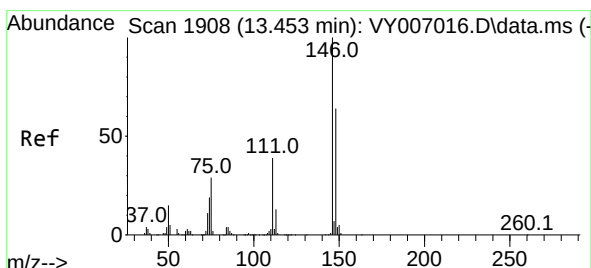
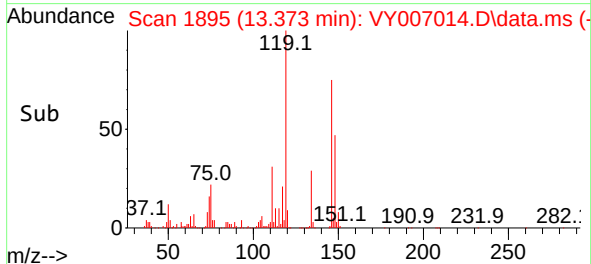
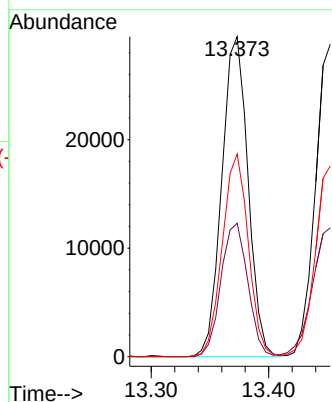
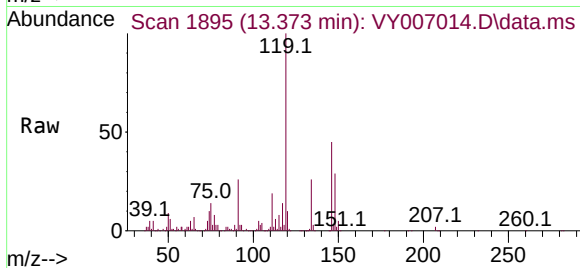
Tgt Ion:	146	Resp:	4572
Ion Ratio	Lower	Upper	
146	100		
111	42.7	21.4	64.2
148	63.0	32.1	96.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/06/2022

Supervised By :Mahesh Dadoda 01/06/2022



#88

1,4-Dichlorobenzene

Concen: 10.826 ug/l

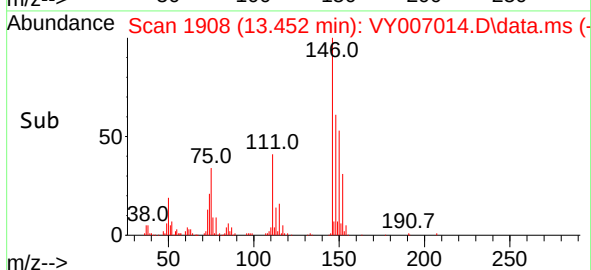
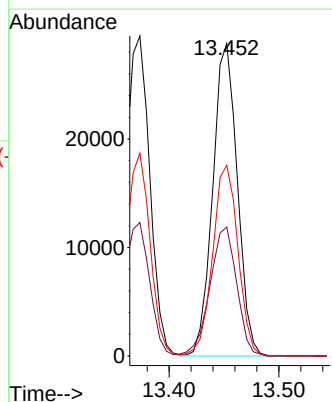
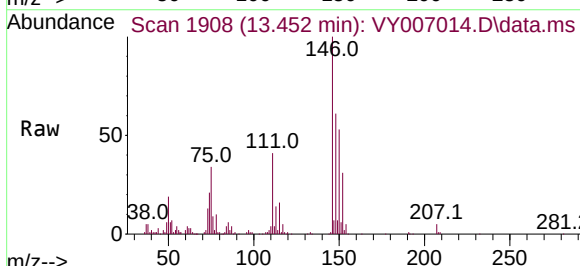
RT: 13.452 min Scan# 1908

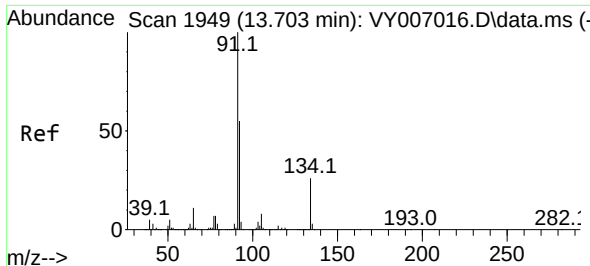
Delta R.T. -0.000 min

Lab File: VY007014.D

Acq: 05 Jan 2022 12:23

Tgt Ion:	146	Resp:	44819
Ion Ratio	Lower	Upper	
146	100		
111	45.1	20.8	62.4
148	62.9	31.9	95.9





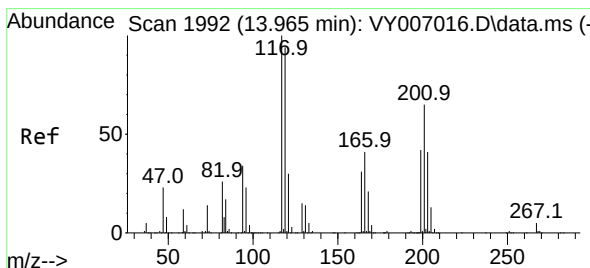
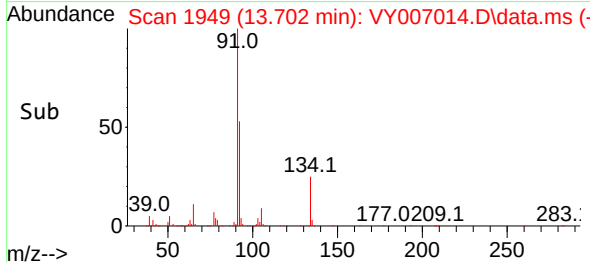
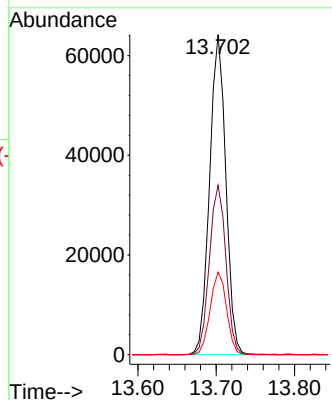
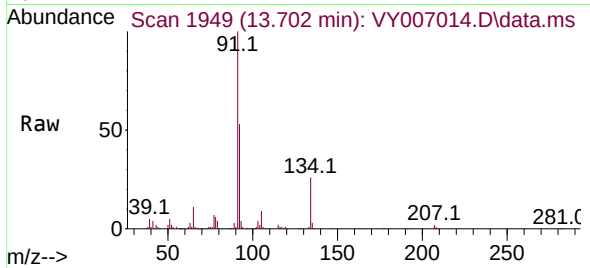
#89
n-Butylbenzene
Concen: 11.646 ug/l
RT: 13.702 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VY007014.D
Acq: 05 Jan 2022 12:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 92269
Ion Ratio Lower Upper
91 100
92 53.9 27.1 81.3
134 26.2 12.9 38.7

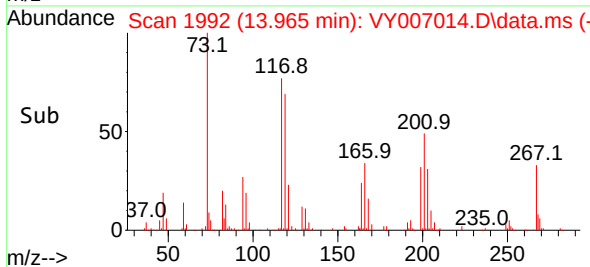
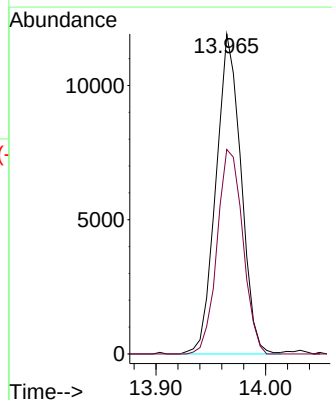
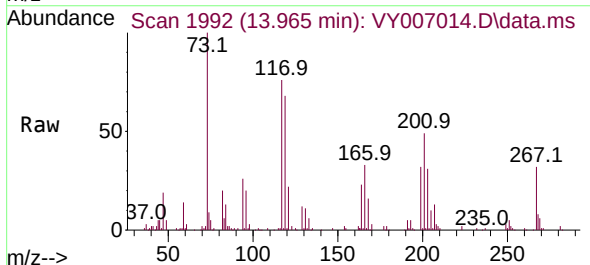
Manual Integrations
APPROVED

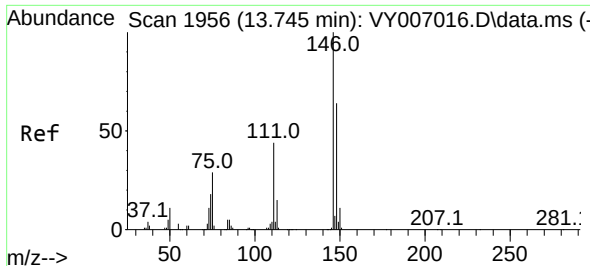
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/06/2022



#90
Hexachloroethane
Concen: 12.371 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. -0.000 min
Lab File: VY007014.D
Acq: 05 Jan 2022 12:23

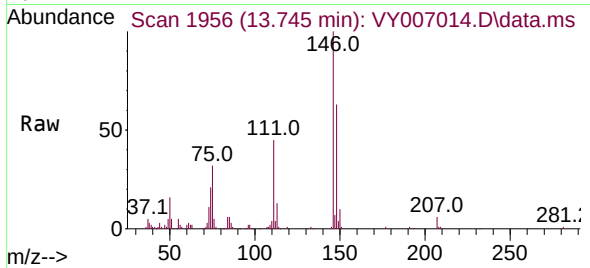
Tgt Ion:117 Resp: 18943
Ion Ratio Lower Upper
117 100
201 65.6 34.2 102.5





#91
1,2-Dichlorobenzene
Concen: 10.740 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VY007014.D
Acq: 05 Jan 2022 12:23

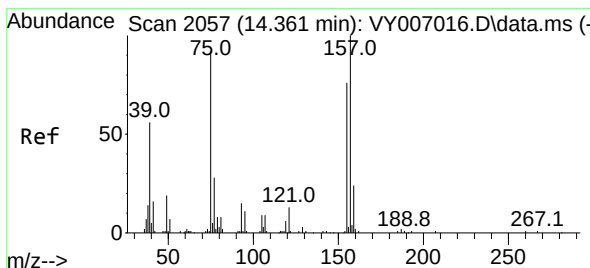
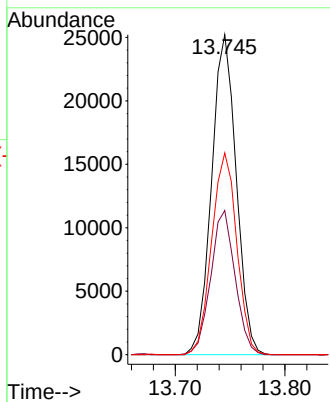
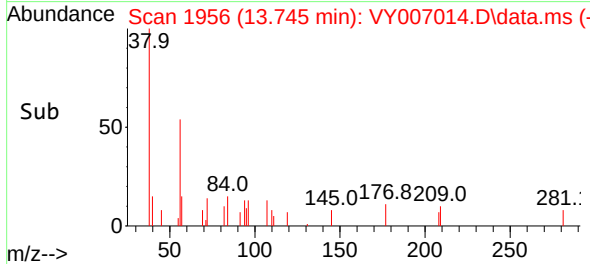
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion:146 Resp: 39350
Ion Ratio Lower Upper
146 100
111 44.7 22.2 66.6
148 64.3 31.8 95.4

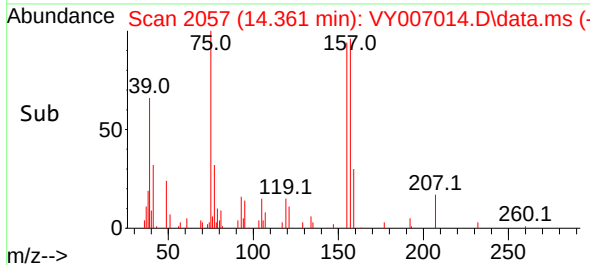
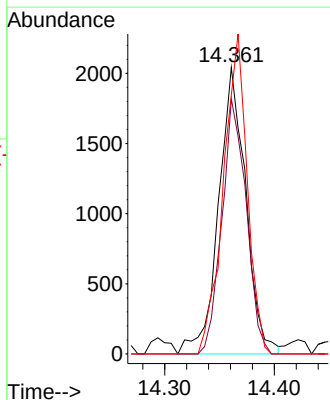
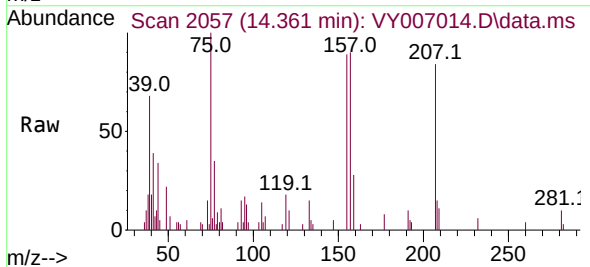
Manual Integrations
APPROVED

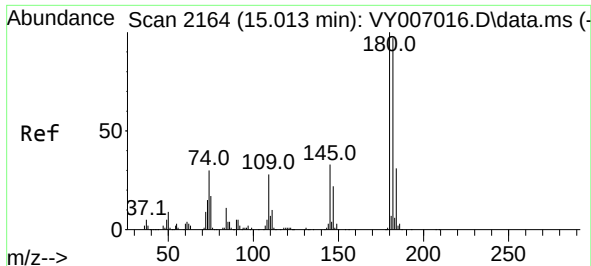
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/06/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 11.124 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VY007014.D
Acq: 05 Jan 2022 12:23

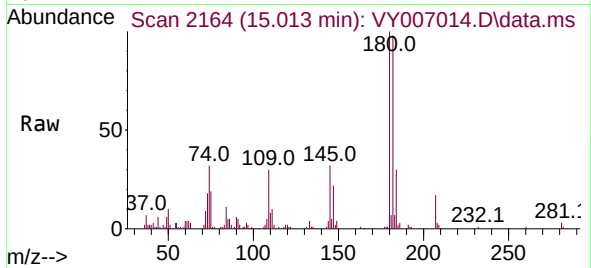
Tgt Ion: 75 Resp: 3531
Ion Ratio Lower Upper
75 100
155 79.2 41.8 125.3
157 97.3 52.9 158.8





#93
1,2,4-Trichlorobenzene
Concen: 9.566 ug/l
RT: 15.013 min Scan# 2164
Delta R.T. -0.000 min
Lab File: VY007014.D
Acq: 05 Jan 2022 12:23

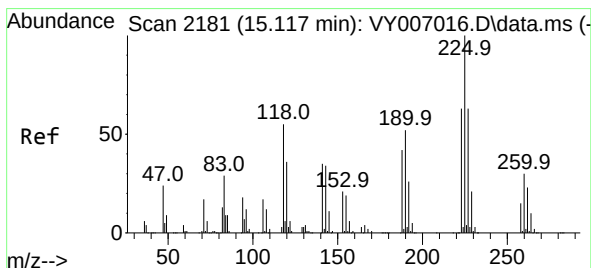
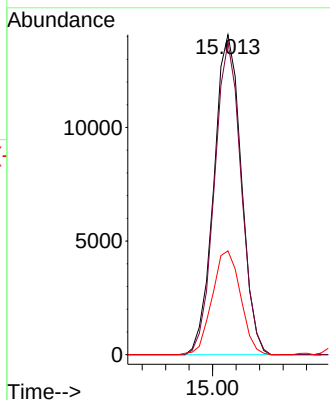
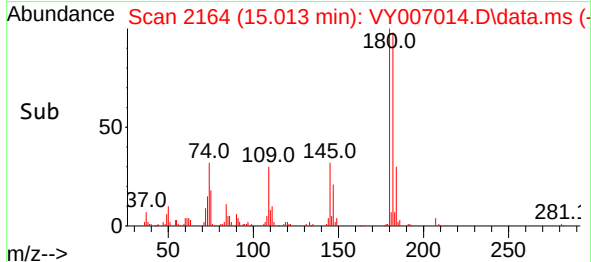
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



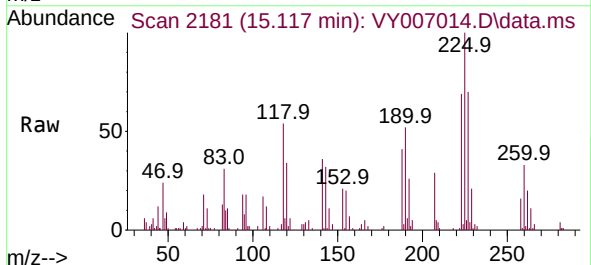
Tgt Ion:180 Resp: 2279
Ion Ratio Lower Upper
180 100
182 95.1 47.1 141.3
145 33.6 17.0 51.0

Manual Integrations
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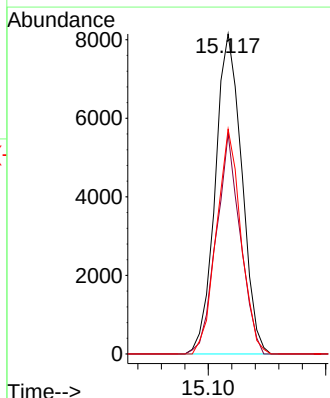
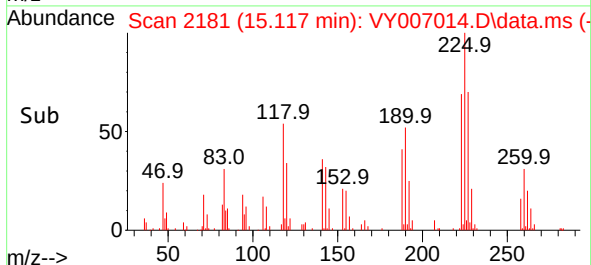
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/06/2022

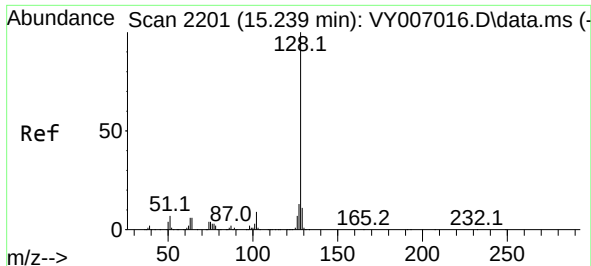


#94
Hexachlorobutadiene
Concen: 8.539 ug/l
RT: 15.117 min Scan# 2181
Delta R.T. -0.000 min
Lab File: VY007014.D
Acq: 05 Jan 2022 12:23



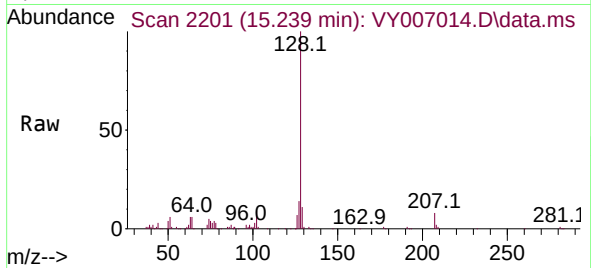
Tgt Ion:225 Resp: 12783
Ion Ratio Lower Upper
225 100
223 62.5 31.6 95.0
227 65.1 31.6 94.8





#95
Naphthalene
Concen: 10.231 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY007014.D
Acq: 05 Jan 2022 12:23

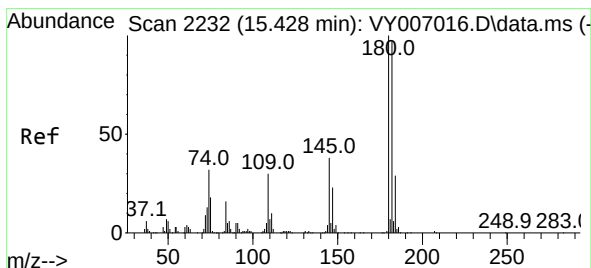
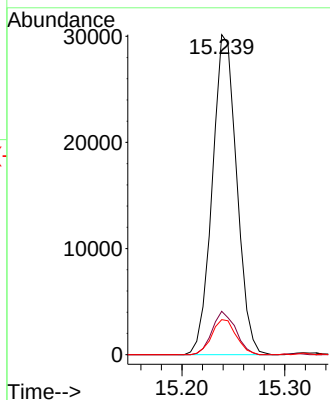
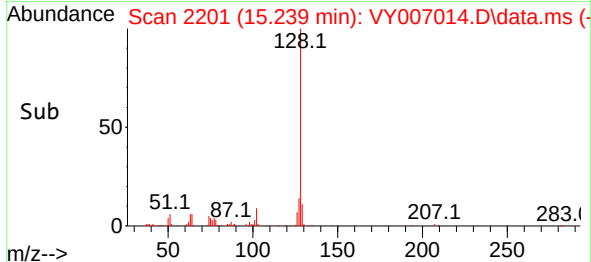
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



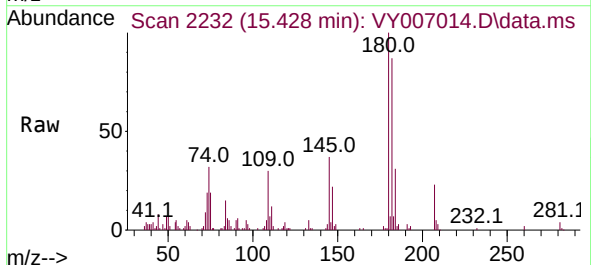
Tgt Ion:128 Resp: 4967
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.2
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/06/2022



#96
1,2,3-Trichlorobenzene
Concen: 9.442 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY007014.D
Acq: 05 Jan 2022 12:23



Tgt Ion:180 Resp: 19880
Ion Ratio Lower Upper
180 100
182 92.5 46.9 140.7
145 35.6 18.0 54.0

