

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012422\
 Data File : VY007283.D
 Acq On : 24 Jan 2022 20:52
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/25/2022
 Supervised By : Mahesh Dadoda 01/25/2022

Quant Time: Jan 25 00:35:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	76431	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	133618	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	122384	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	56674	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	46681	49.776	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.560%		
35) Dibromofluoromethane	7.722	113	43924	48.615	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.240%		
50) Toluene-d8	10.185	98	156151	47.299	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	94.600%		
62) 4-Bromofluorobenzene	12.483	95	56333	47.970	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	95.940%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.918	85	14724	54.941	ug/l	92
3) Chloromethane	2.119	50	31123	55.378	ug/l	99
4) Vinyl Chloride	2.259	62	50765	62.062	ug/l	94
5) Bromomethane	2.668	94	34980	66.043	ug/l	98
6) Chloroethane	2.808	64	33452	65.546	ug/l	100
7) Trichlorofluoromethane	3.131	101	57853	65.627	ug/l	99
8) Diethyl Ether	3.533	74	31676	65.253	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.911	101	51469	59.926	ug/l	98
10) Methyl Iodide	4.094	142	79323	62.443	ug/l	96
11) Tert butyl alcohol	4.954	59	24850	311.956	ug/l	97
12) 1,1-Dichloroethene	3.875	96	52385	60.570	ug/l	98
13) Acrolein	3.722	56	5586	293.586	ug/l	97
14) Allyl chloride	4.484	41	83799	60.429	ug/l	98
15) Acrylonitrile	5.161	53	77107	330.505	ug/l	96
16) Acetone	3.948	43	65091	267.438	ug/l	99
17) Carbon Disulfide	4.198	76	137503	57.251	ug/l	100
18) Methyl Acetate	4.478	43	52286	60.375	ug/l	98
19) Methyl tert-butyl Ether	5.228	73	112890	66.302	ug/l	100
20) Methylene Chloride	4.722	84	61660	61.266	ug/l	98
21) trans-1,2-Dichloroethene	5.222	96	57634	61.468	ug/l	94
22) Diisopropyl ether	6.124	45	180363	64.200	ug/l	99
23) Vinyl Acetate	6.063	43	546161	330.571	ug/l	100
24) 1,1-Dichloroethane	6.027	63	106977	62.596	ug/l	98
25) 2-Butanone	6.990	43	104102	330.823	ug/l	99
26) 2,2-Dichloropropane	6.990	77	75403	60.541	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	67446	63.413	ug/l	99
28) Bromochloromethane	7.337	49	38761	62.702	ug/l	97
29) Tetrahydrofuran	7.350	42	65634	324.470	ug/l	99
30) Chloroform	7.514	83	115265	64.913	ug/l	99
31) Cyclohexane	7.789	56	87962	55.479	ug/l	99
32) 1,1,1-Trichloroethane	7.703	97	96533	63.604	ug/l	99
36) 1,1-Dichloropropene	7.917	75	84399	58.488	ug/l	100
37) Ethyl Acetate	7.075	43	46082	62.227	ug/l	97
38) Carbon Tetrachloride	7.904	117	89869	59.209	ug/l	99
39) Methylcyclohexane	9.185	83	99739	56.610	ug/l	99
40) Benzene	8.167	78	234281	60.865	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012422\
 Data File : VY007283.D
 Acq On : 24 Jan 2022 20:52
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/25/2022
 Supervised By : Mahesh Dadoda 01/25/2022

Quant Time: Jan 25 00:35:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	25971m	60.899	ug/l	
42) 1,2-Dichloroethane	8.240	62	75084	61.945	ug/l	100
43) Isopropyl Acetate	8.276	43	90704	62.947	ug/l	98
44) Trichloroethene	8.941	130	62810	60.301	ug/l	100
45) 1,2-Dichloropropane	9.221	63	60374	61.679	ug/l	95
46) Dibromomethane	9.307	93	34807	60.132	ug/l	98
47) Bromodichloromethane	9.502	83	89573	62.947	ug/l	98
48) Methyl methacrylate	9.294	41	40245	61.404	ug/l	95
49) 1,4-Dioxane	9.301	88	8695	1393.172	ug/l #	93
51) 4-Methyl-2-Pentanone	10.075	43	232935	318.813	ug/l	97
52) Toluene	10.245	92	151222	61.980	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	93051	61.946	ug/l	98
54) cis-1,3-Dichloropropene	9.928	75	103654	61.645	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	48864	62.236	ug/l	95
56) Ethyl methacrylate	10.514	69	69919	63.212	ug/l	97
57) 1,3-Dichloropropane	10.794	76	86501	63.206	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.788	63	145289	288.868	ug/l	98
59) 2-Hexanone	10.831	43	158723	320.103	ug/l	98
60) Dibromochloromethane	10.989	129	62720	64.983	ug/l	97
61) 1,2-Dibromoethane	11.093	107	47685	61.821	ug/l	100
64) Tetrachloroethene	10.721	164	48559	55.047	ug/l	98
65) Chlorobenzene	11.520	112	159523	59.612	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	61011	61.505	ug/l	99
67) Ethyl Benzene	11.593	91	298820	59.413	ug/l	98
68) m/p-Xylenes	11.703	106	221610	118.567	ug/l	99
69) o-Xylene	12.032	106	105166	59.749	ug/l	99
70) Styrene	12.044	104	183288	61.727	ug/l	98
71) Bromoform	12.209	173	35764	62.330	ug/l #	97
73) Isopropylbenzene	12.330	105	280756	57.356	ug/l	100
74) N-amyl acetate	12.148	43	78515	59.982	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.580	83	57923	60.853	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	36993m	57.244	ug/l	
77) Bromobenzene	12.611	156	62505	58.684	ug/l	100
78) n-propylbenzene	12.672	91	346003	57.021	ug/l	99
79) 2-Chlorotoluene	12.757	91	194730	57.718	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	233123	58.003	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	20424	57.859	ug/l #	100
82) 4-Chlorotoluene	12.855	91	200307	56.916	ug/l	99
83) tert-Butylbenzene	13.074	119	200990	57.874	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	229425	57.589	ug/l	98
85) sec-Butylbenzene	13.257	105	297386	57.238	ug/l	99
86) p-Isopropyltoluene	13.373	119	248837	58.281	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	121407	58.235	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	120173	57.325	ug/l	99
89) n-Butylbenzene	13.696	91	241798	57.516	ug/l	98
90) Hexachloroethane	13.964	117	48959	58.654	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	108265	58.366	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	9182	55.853	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	66932	59.336	ug/l	98
94) Hexachlorobutadiene	15.117	225	33694	57.958	ug/l	98
95) Naphthalene	15.238	128	145416	60.695	ug/l	99
96) 1,2,3-Trichlorobenzene	15.427	180	57044	59.275	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012422\
Data File : VY007283.D
Acq On : 24 Jan 2022 20:52
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/25/2022
Supervised By :Mahesh Dadoda 01/25/2022

Quant Time: Jan 25 00:35:34 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 14 05:48:29 2022
Response via : Initial Calibration

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

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

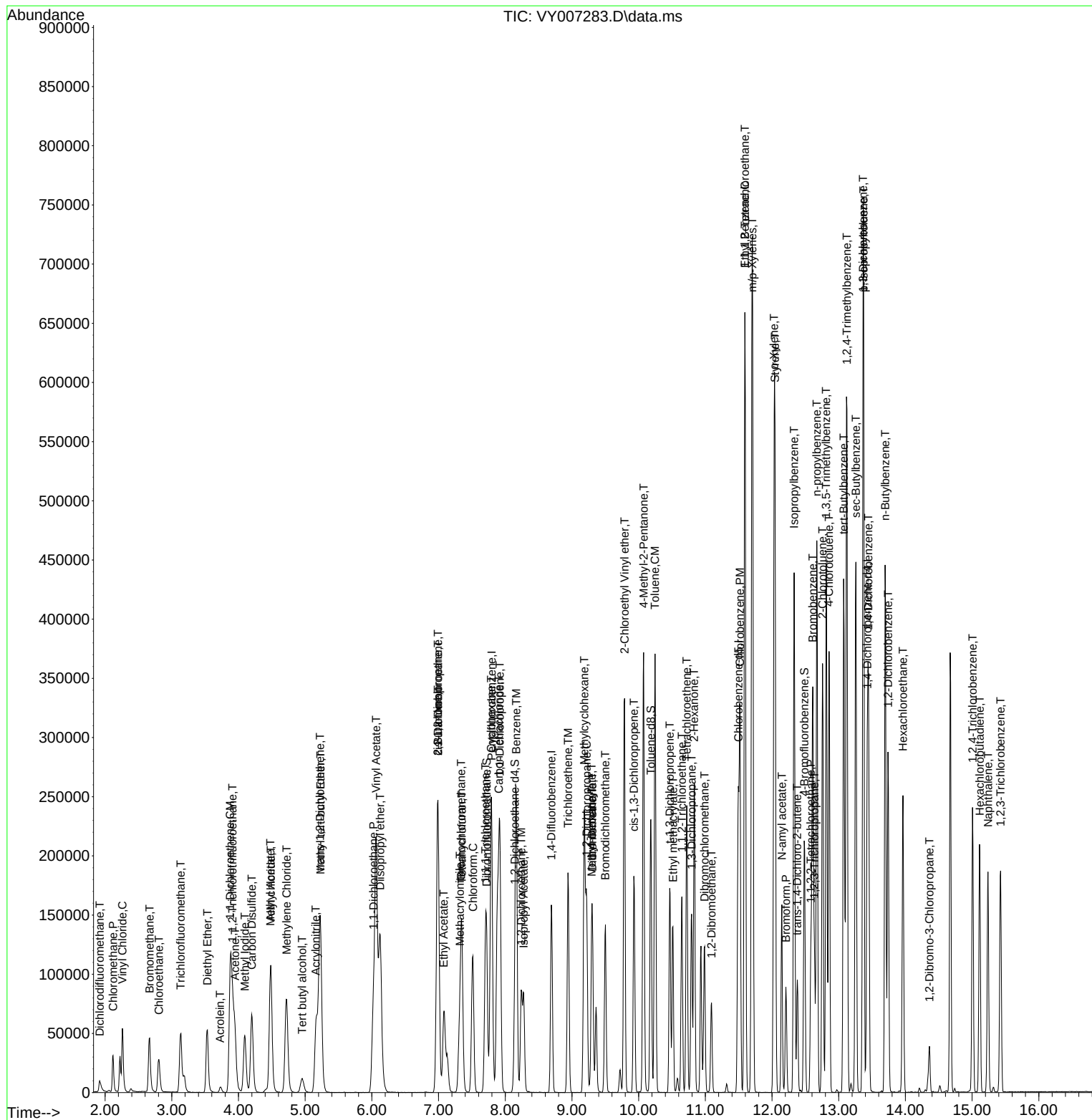
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012422\
 Data File : VY007283.D
 Acq On : 24 Jan 2022 20:52
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/soil
 ALS Vial : 22 Sample Multiplier: 1

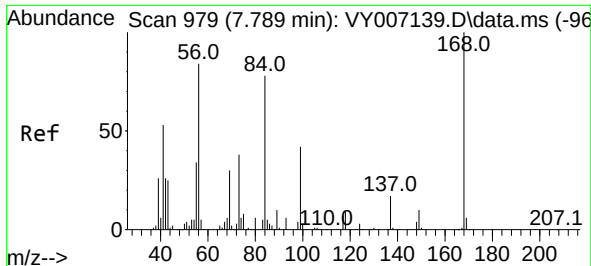
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 25 00:35:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

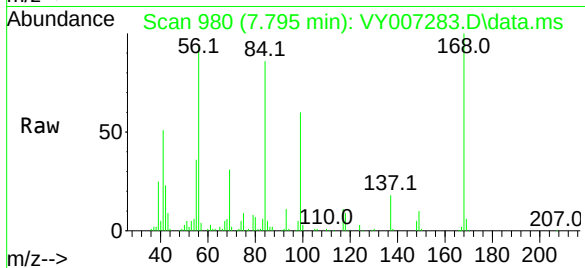
Reviewed By : John Carlone 01/25/2022
 Supervised By : Mahesh Dadoda 01/25/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007283.D
Acq: 24 Jan 2022 20:52

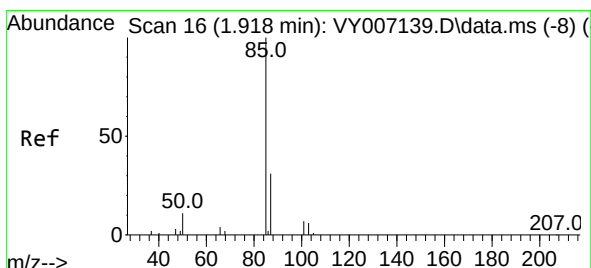
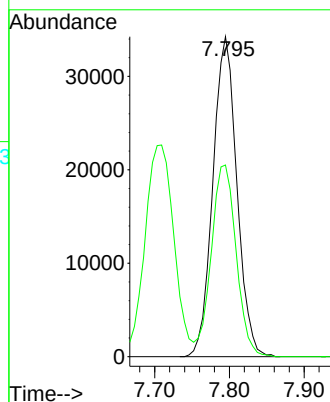
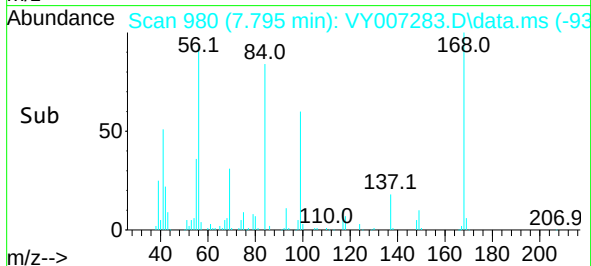
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 7643
Ion Ratio Lower Upper
168 100
99 59.9 49.1 73.7

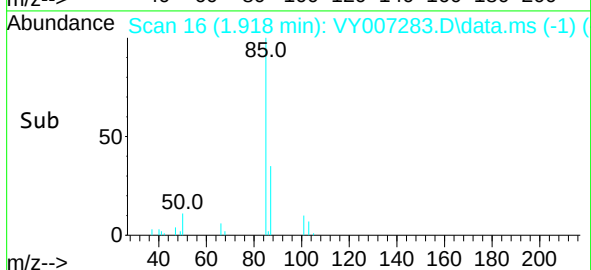
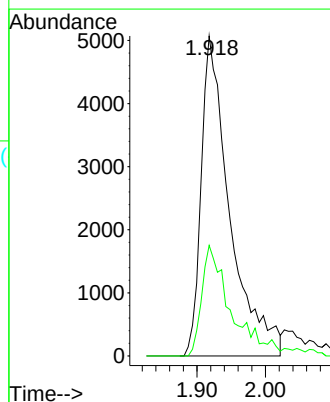
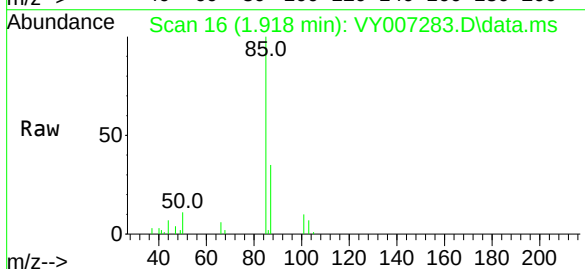
Manual Integrations
APPROVED

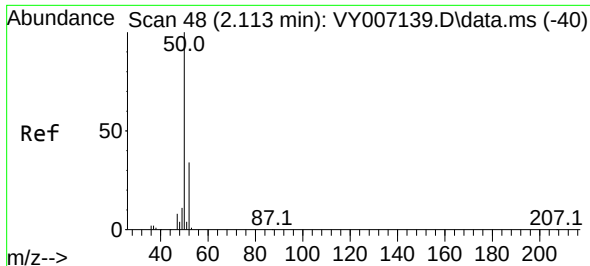
Reviewed By :John Carlone 01/25/2022
Supervised By :Mahesh Dadoda 01/25/2022



#2
Dichlorodifluoromethane
Concen: 54.941 ug/l
RT: 1.918 min Scan# 16
Delta R.T. 0.000 min
Lab File: VY007283.D
Acq: 24 Jan 2022 20:52

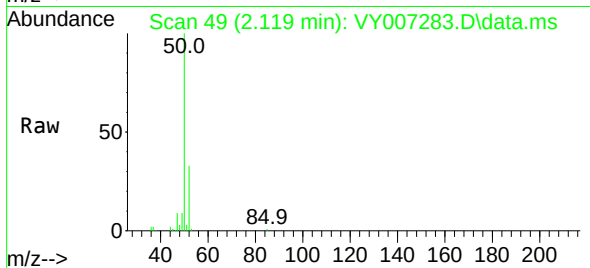
Tgt Ion: 85 Resp: 14724
Ion Ratio Lower Upper
85 100
87 34.5 15.2 45.6





#3
Chloromethane
Concen: 55.378 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY007283.D
Acq: 24 Jan 2022 20:52

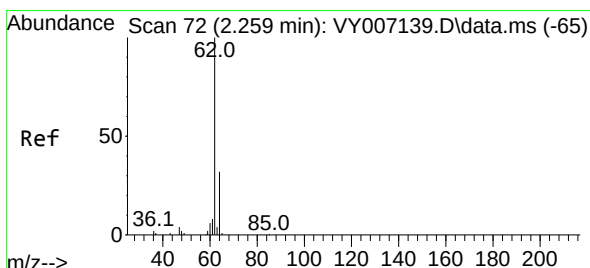
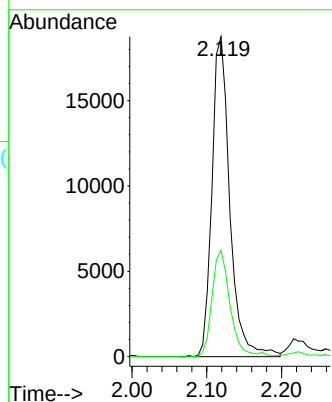
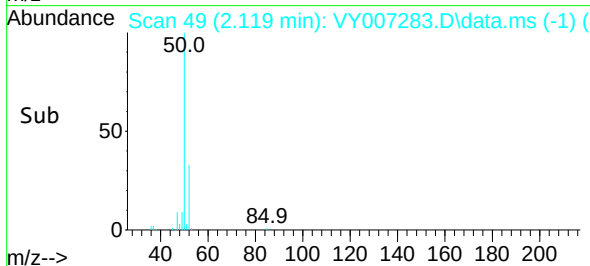
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 50 Resp: 3112
Ion Ratio Lower Upper
50 100
52 33.2 27.1 40.7

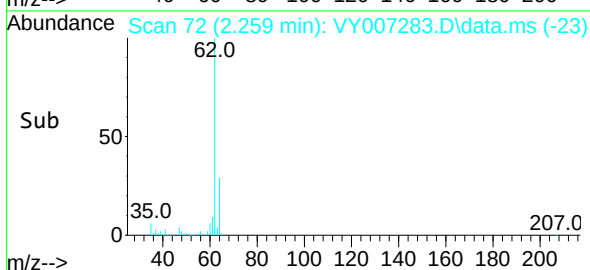
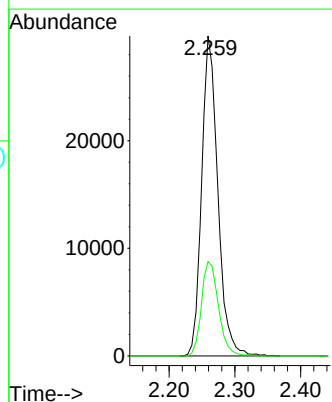
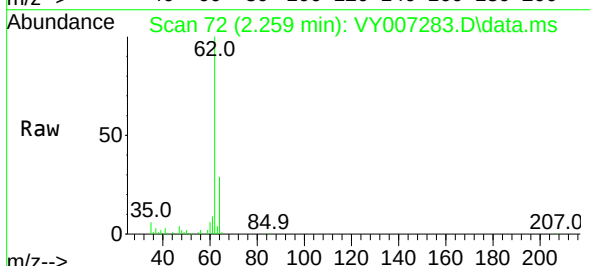
Manual Integrations
APPROVED

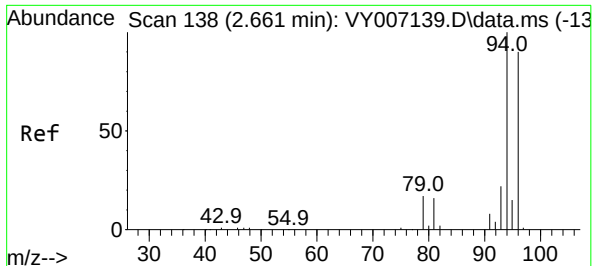
Reviewed By :John Carlone 01/25/2022
Supervised By :Mahesh Dadoda 01/25/2022



#4
Vinyl Chloride
Concen: 62.062 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.000 min
Lab File: VY007283.D
Acq: 24 Jan 2022 20:52

Tgt Ion: 62 Resp: 50765
Ion Ratio Lower Upper
62 100
64 29.5 26.1 39.1





#5

Bromomethane

Concen: 66.043 ug/l

RT: 2.668 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY007283.D

Acq: 24 Jan 2022 20:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 94 Resp: 34980

Ion Ratio Lower Upper

94 100

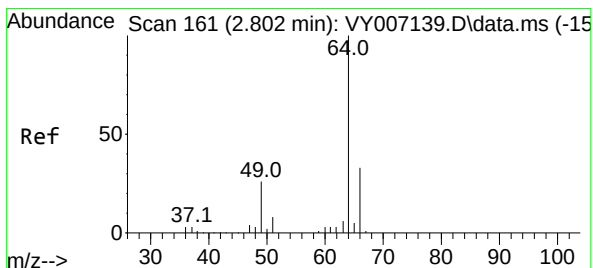
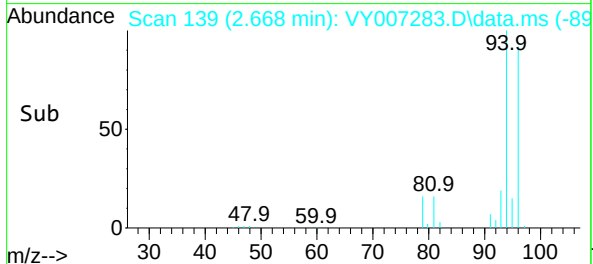
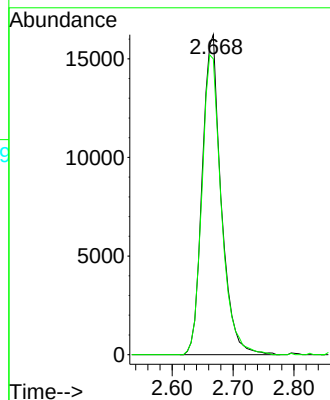
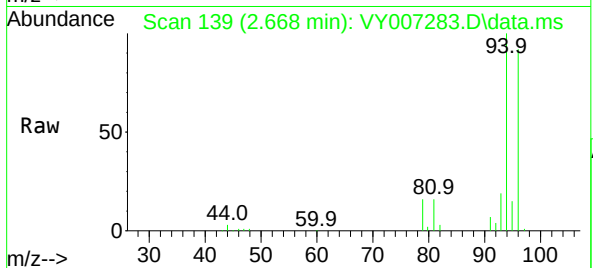
96 92.5 75.8 113.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/25/2022

Supervised By :Mahesh Dadoda 01/25/2022



#6

Chloroethane

Concen: 65.546 ug/l

RT: 2.808 min Scan# 162

Delta R.T. 0.006 min

Lab File: VY007283.D

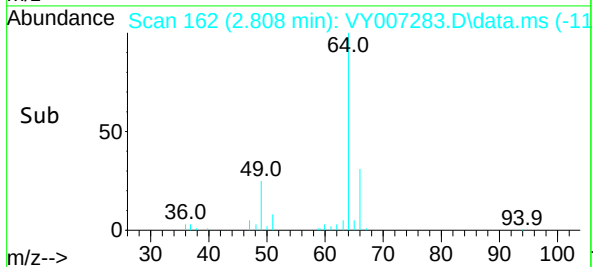
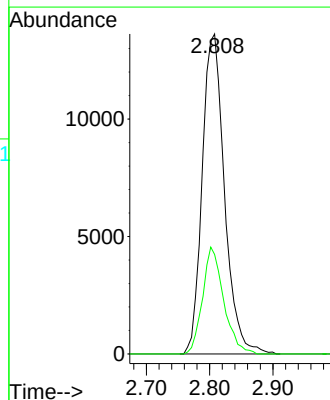
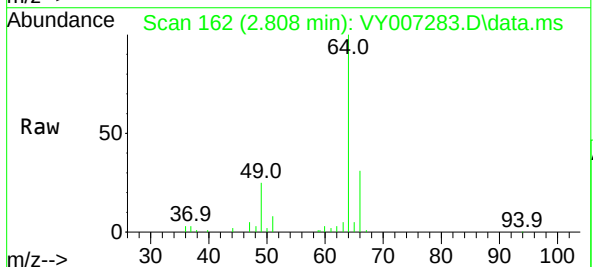
Acq: 24 Jan 2022 20:52

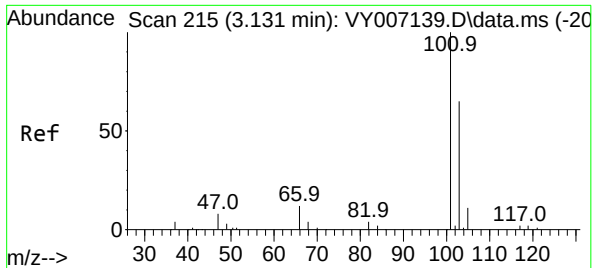
Tgt Ion: 64 Resp: 33452

Ion Ratio Lower Upper

64 100

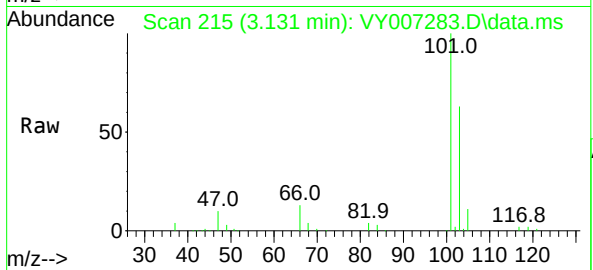
66 31.1 24.8 37.2





#7
Trichlorofluoromethane
Concen: 65.627 ug/l
RT: 3.131 min Scan# 215
Delta R.T. 0.000 min
Lab File: VY007283.D
Acq: 24 Jan 2022 20:52

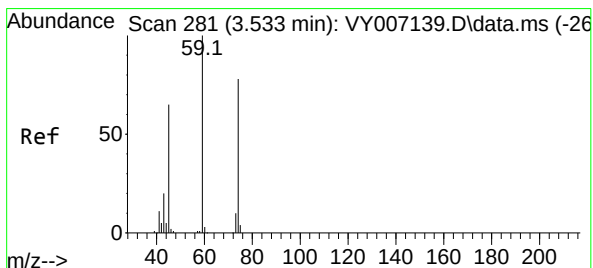
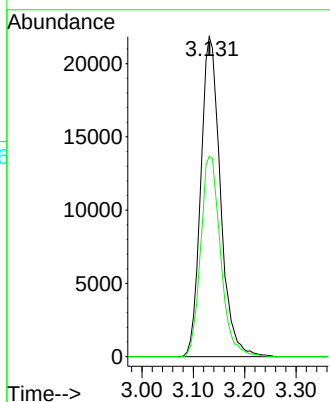
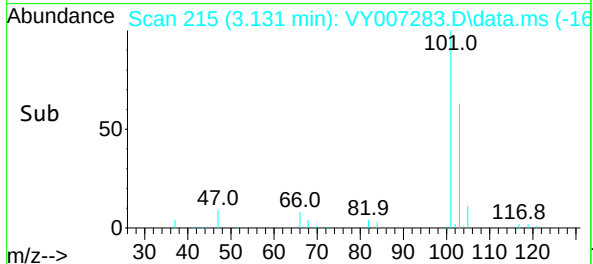
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



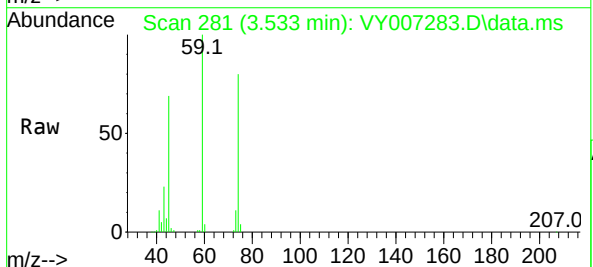
Tgt Ion:101 Resp: 5785
Ion Ratio Lower Upper
101 100
103 62.7 50.6 76.0

Manual Integrations
APPROVED

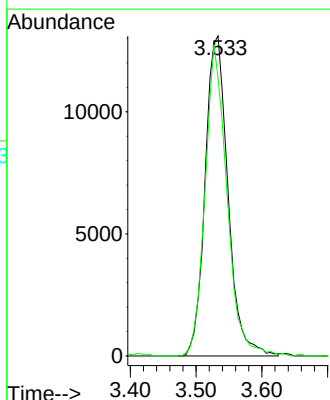
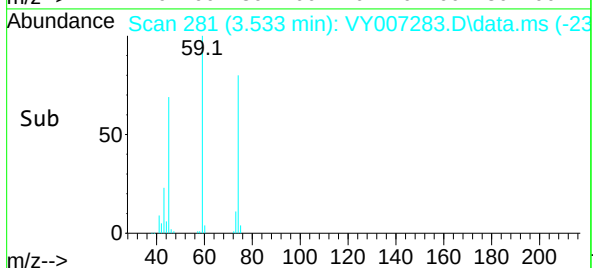
Reviewed By :John Carlone 01/25/2022
Supervised By :Mahesh Dadoda 01/25/2022

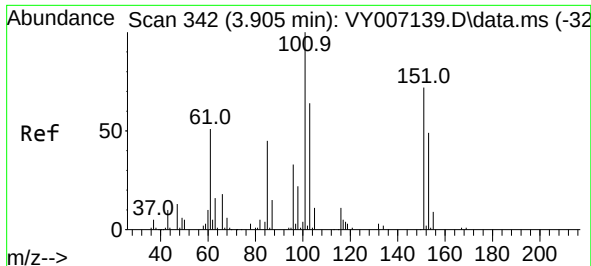


#8
Diethyl Ether
Concen: 65.253 ug/l
RT: 3.533 min Scan# 281
Delta R.T. 0.000 min
Lab File: VY007283.D
Acq: 24 Jan 2022 20:52



Tgt Ion: 74 Resp: 31676
Ion Ratio Lower Upper
74 100
45 93.4 46.1 138.3





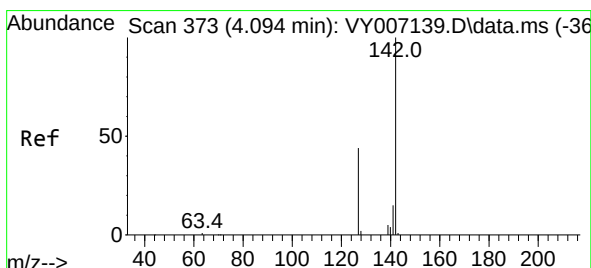
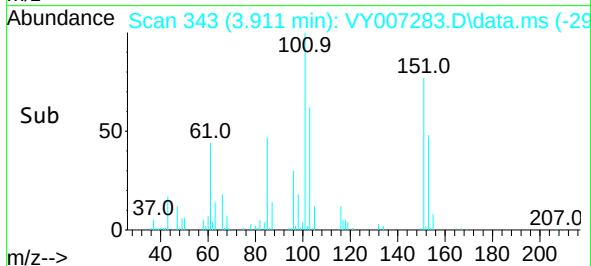
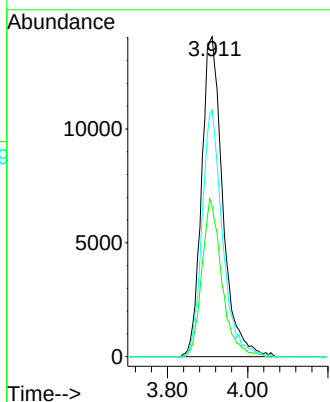
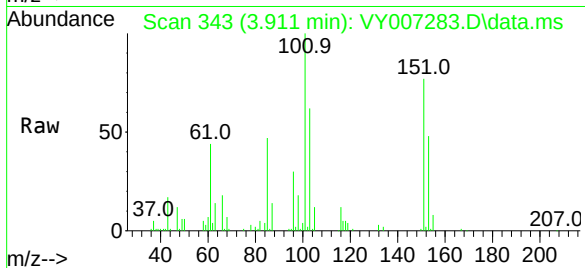
#9
1,1,2-Trichlorotrifluoroethane
Concen: 59.926 ug/l
RT: 3.911 min Scan# 342
Delta R.T. 0.006 min
Lab File: VY007283.D
Acq: 24 Jan 2022 20:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 51469
Ion Ratio Lower Upper
101 100
85 46.5 35.4 53.0
151 74.2 60.4 90.6

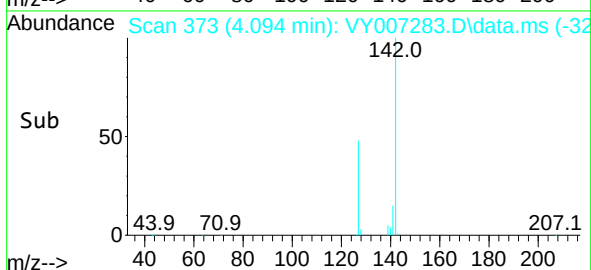
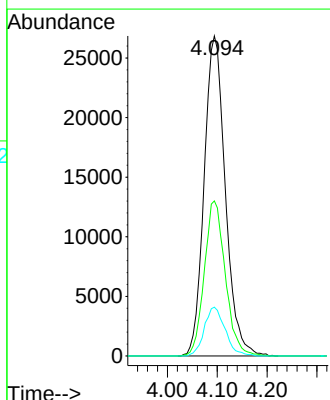
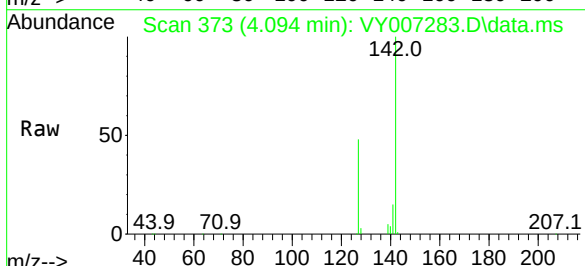
Manual Integrations
APPROVED

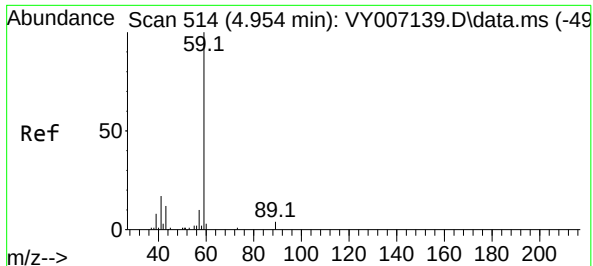
Reviewed By :John Carlone 01/25/2022
Supervised By :Mahesh Dadoda 01/25/2022



#10
Methyl Iodide
Concen: 62.443 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.000 min
Lab File: VY007283.D
Acq: 24 Jan 2022 20:52

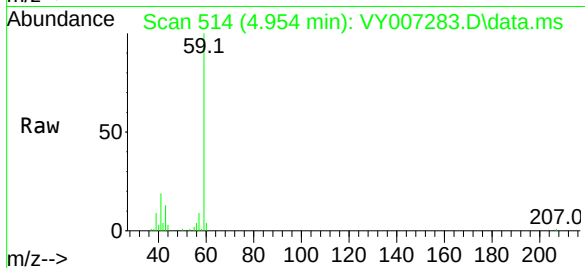
Tgt Ion:142 Resp: 79323
Ion Ratio Lower Upper
142 100
127 48.1 36.2 54.4
141 15.0 11.5 17.3





#11
Tert butyl alcohol
Concen: 311.956 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.000 min
Lab File: VY007283.D
Acq: 24 Jan 2022 20:52

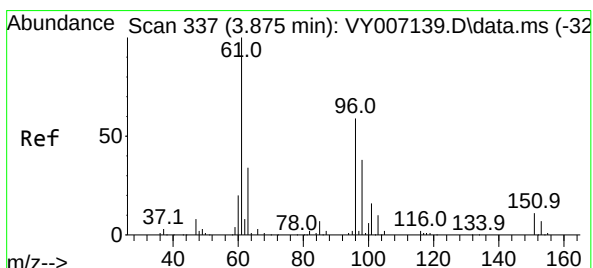
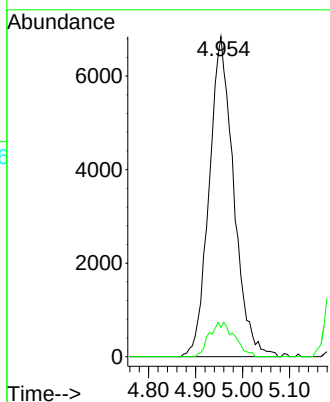
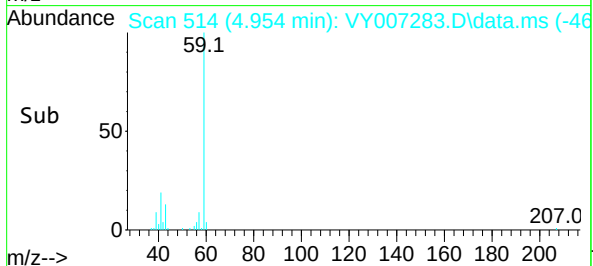
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



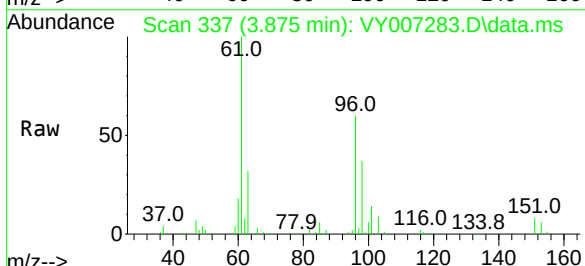
Tgt Ion: 59 Resp: 24850
Ion Ratio Lower Upper
59 100
57 11.0 8.1 12.1

Manual Integrations
APPROVED

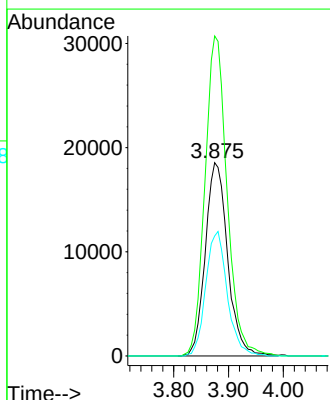
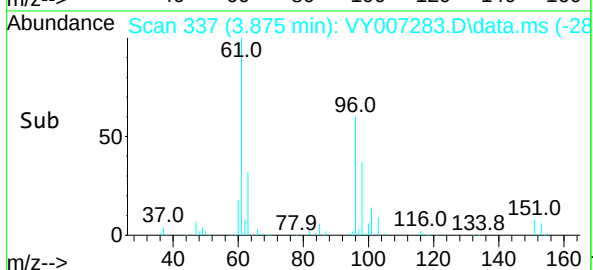
Reviewed By :John Carlone 01/25/2022
Supervised By :Mahesh Dadoda 01/25/2022

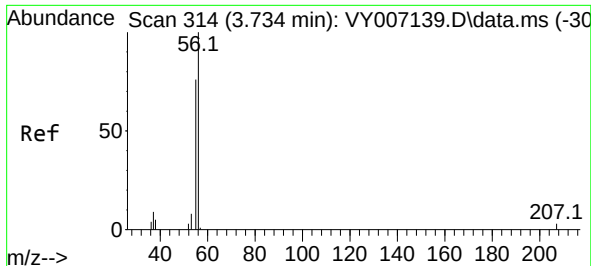


#12
1,1-Dichloroethene
Concen: 60.570 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.000 min
Lab File: VY007283.D
Acq: 24 Jan 2022 20:52



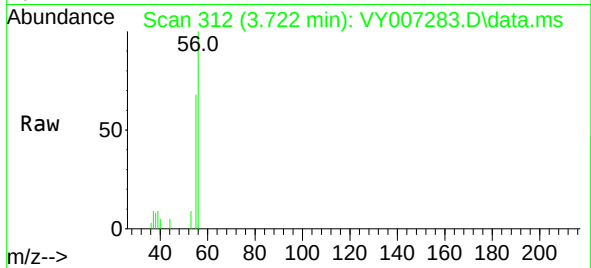
Tgt Ion: 96 Resp: 52385
Ion Ratio Lower Upper
96 100
61 165.5 131.9 197.9
98 62.0 52.7 79.1





#13
Acrolein
Concen: 293.586 ug/l
RT: 3.722 min Scan# 314
Delta R.T. -0.012 min
Lab File: VY007283.D
Acq: 24 Jan 2022 20:52

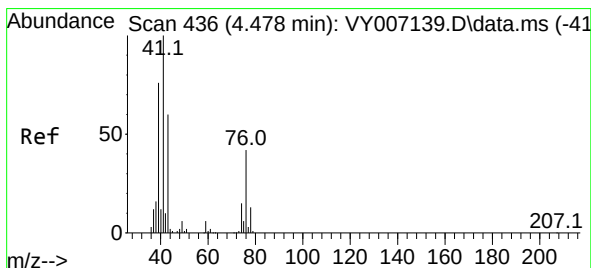
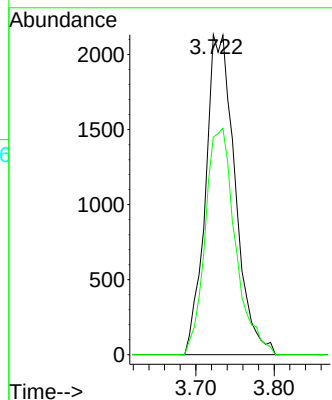
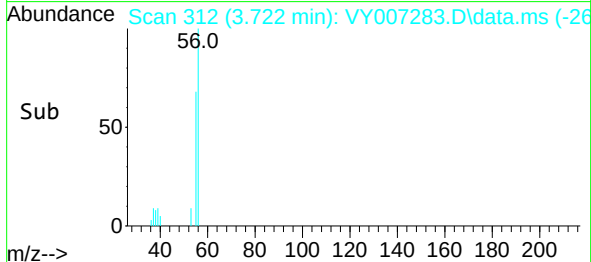
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



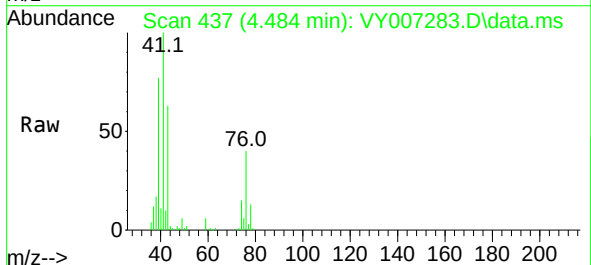
Tgt Ion: 56 Resp: 5580
Ion Ratio Lower Upper
56 100
55 72.1 55.7 83.5

Manual Integrations
APPROVED

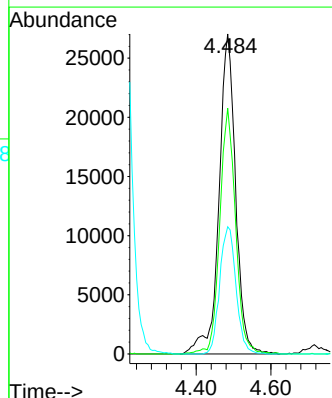
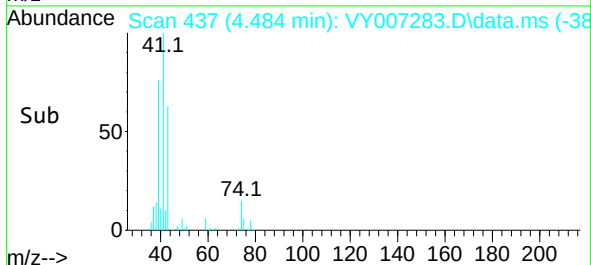
Reviewed By :John Carlone 01/25/2022
Supervised By :Mahesh Dadoda 01/25/2022

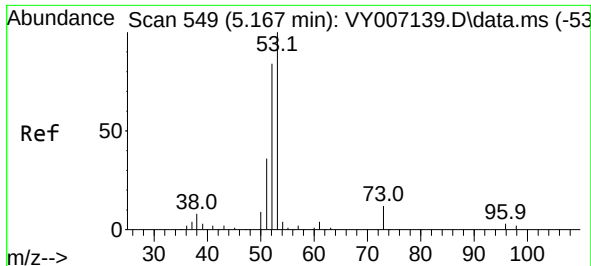


#14
Allyl chloride
Concen: 60.429 ug/l
RT: 4.484 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY007283.D
Acq: 24 Jan 2022 20:52



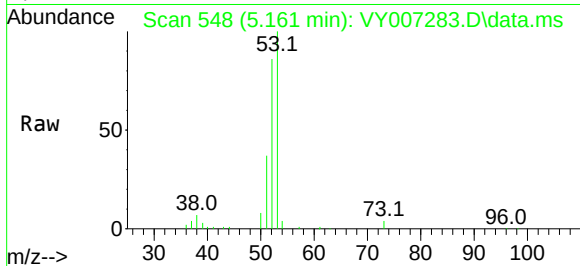
Tgt Ion: 41 Resp: 83799
Ion Ratio Lower Upper
41 100
39 72.9 56.1 84.1
76 38.8 31.4 47.2





#15
Acrylonitrile
Concen: 330.505 ug/l
RT: 5.161 min Scan# 549
Delta R.T. -0.006 min
Lab File: VY007283.D
Acq: 24 Jan 2022 20:52

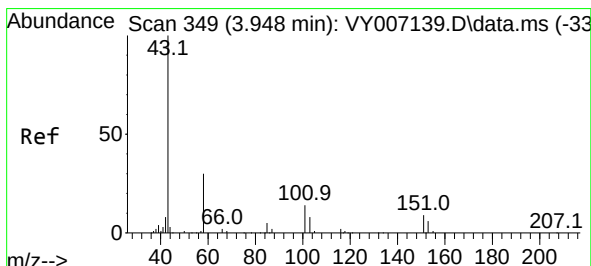
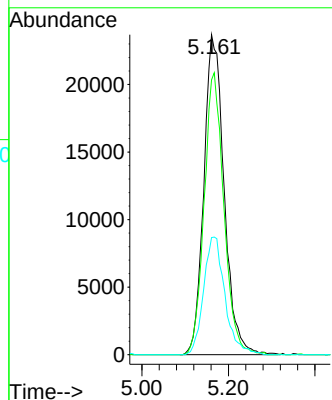
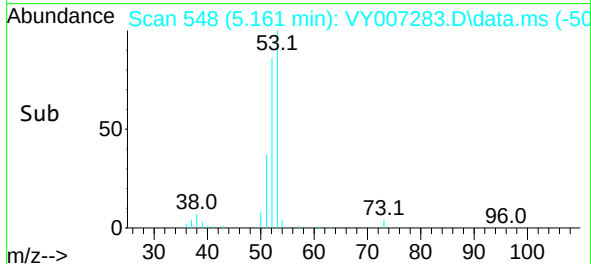
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



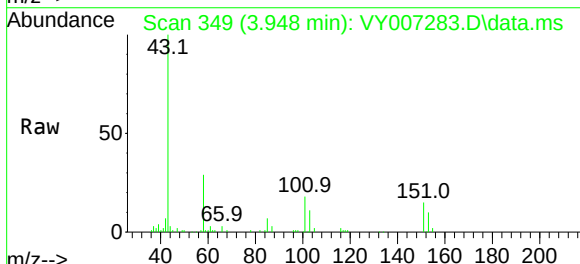
Tgt Ion: 53 Resp: 7710
Ion Ratio Lower Upper
53 100
52 85.8 65.4 98.2
51 38.7 29.4 44.2

Manual Integrations
APPROVED

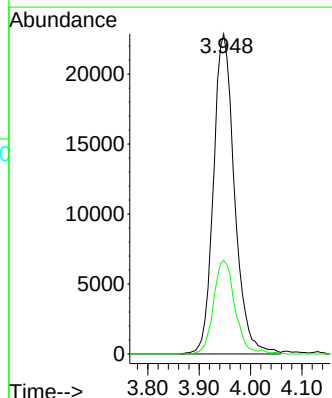
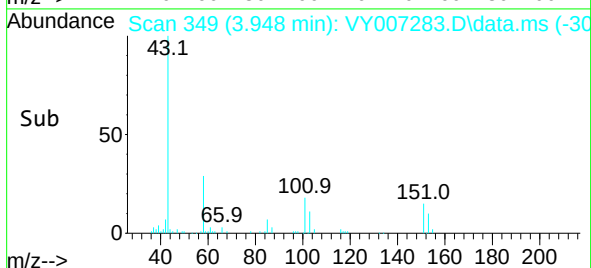
Reviewed By :John Carlone 01/25/2022
Supervised By :Mahesh Dadoda 01/25/2022

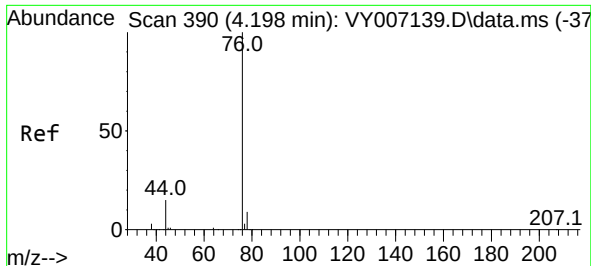


#16
Acetone
Concen: 267.438 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007283.D
Acq: 24 Jan 2022 20:52



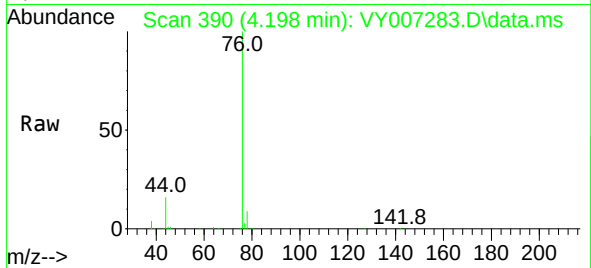
Tgt Ion: 43 Resp: 65091
Ion Ratio Lower Upper
43 100
58 29.2 23.8 35.6





#17
Carbon Disulfide
Concen: 57.251 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY007283.D
Acq: 24 Jan 2022 20:52

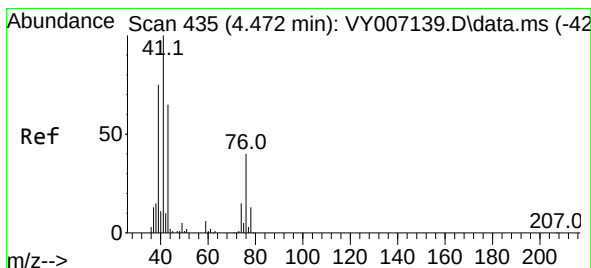
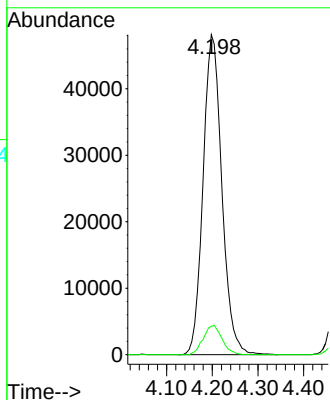
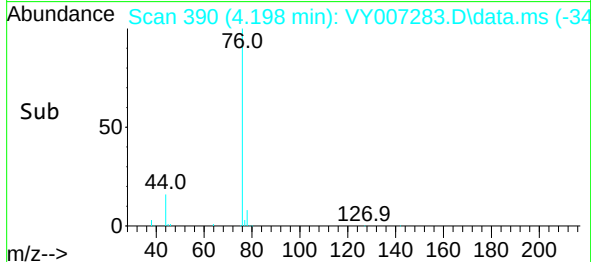
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



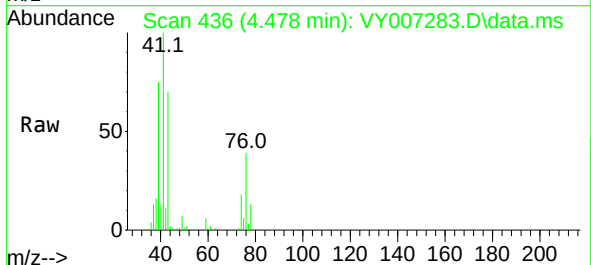
Tgt Ion: 76 Resp: 13750
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8

Manual Integrations
APPROVED

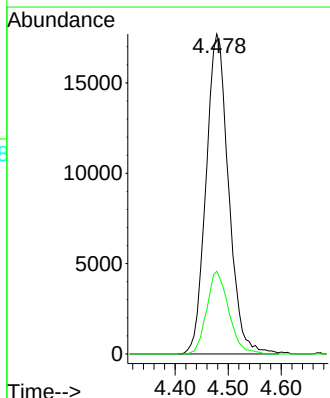
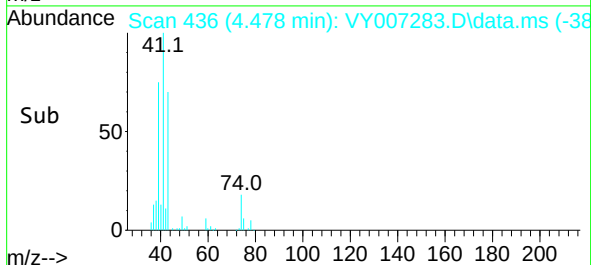
Reviewed By :John Carlone 01/25/2022
Supervised By :Mahesh Dadoda 01/25/2022

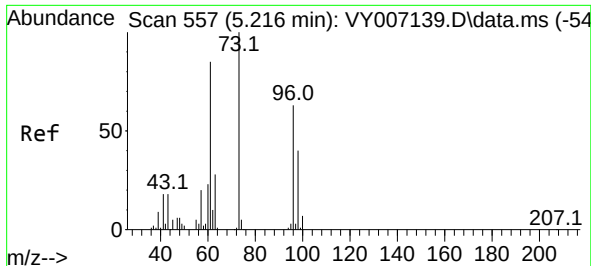


#18
Methyl Acetate
Concen: 60.375 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY007283.D
Acq: 24 Jan 2022 20:52



Tgt Ion: 43 Resp: 52286
Ion Ratio Lower Upper
43 100
74 25.1 20.9 31.3





#19

Methyl tert-butyl Ether

Concen: 66.302 ug/l

RT: 5.228 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY007283.D

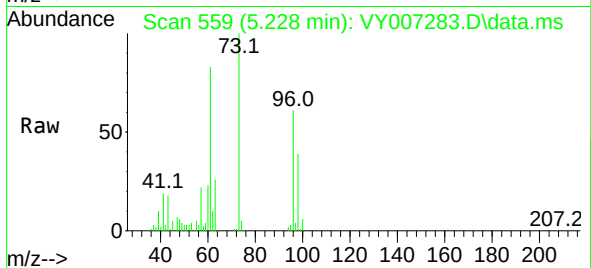
Acq: 24 Jan 2022 20:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 73 Resp: 112890

Ion Ratio Lower Upper

73 100

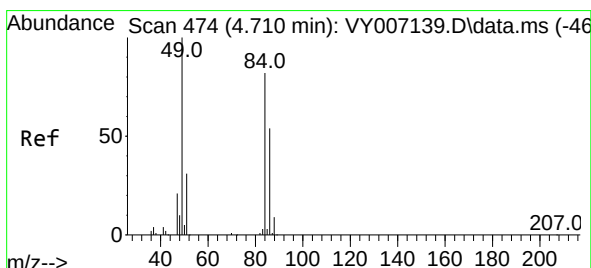
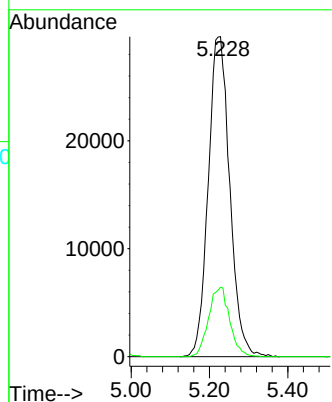
57 21.7 17.4 26.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/25/2022

Supervised By :Mahesh Dadoda 01/25/2022



#20

Methylene Chloride

Concen: 61.266 ug/l

RT: 4.722 min Scan# 476

Delta R.T. 0.012 min

Lab File: VY007283.D

Acq: 24 Jan 2022 20:52

Tgt Ion: 84 Resp: 61660

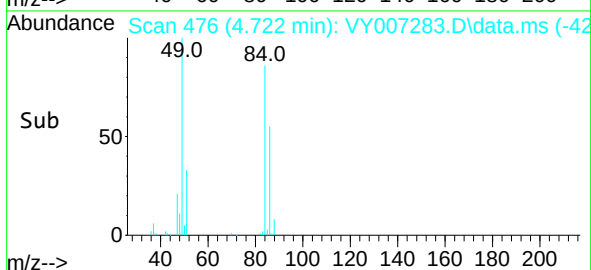
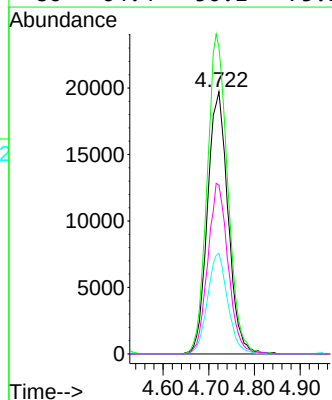
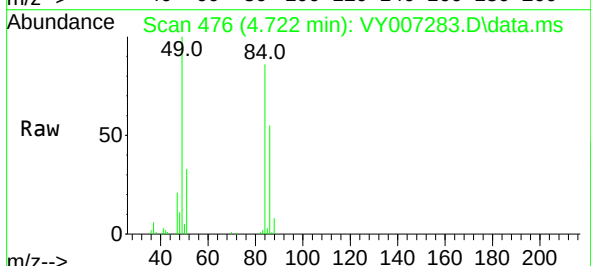
Ion Ratio Lower Upper

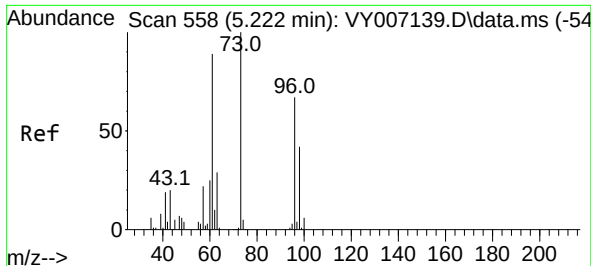
84 100

49 116.9 92.6 139.0

51 38.4 28.6 42.8

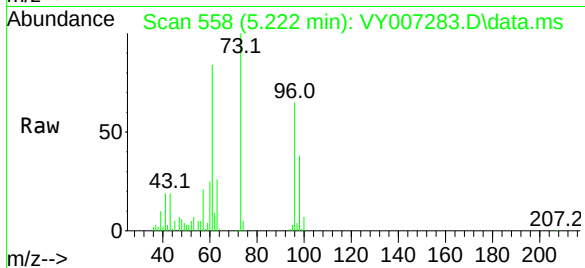
86 64.4 50.1 75.1





#21
trans-1,2-Dichloroethene
Concen: 61.468 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY007283.D
Acq: 24 Jan 2022 20:52

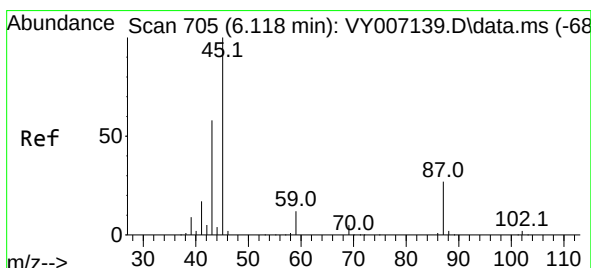
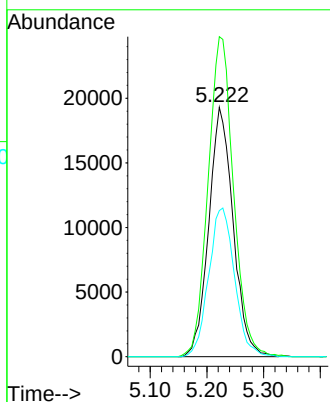
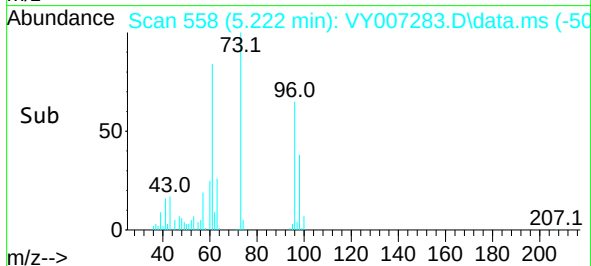
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



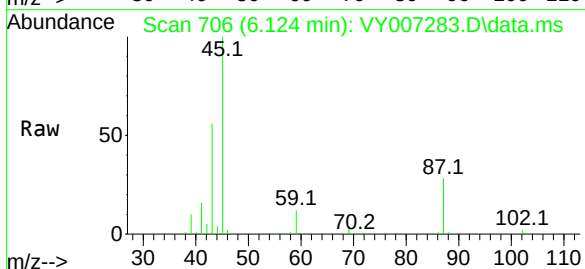
Tgt Ion: 96 Resp: 57634
Ion Ratio Lower Upper
96 100
61 128.3 107.3 160.9
98 58.6 52.4 78.6

Manual Integrations
APPROVED

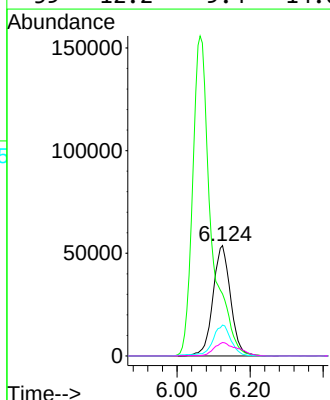
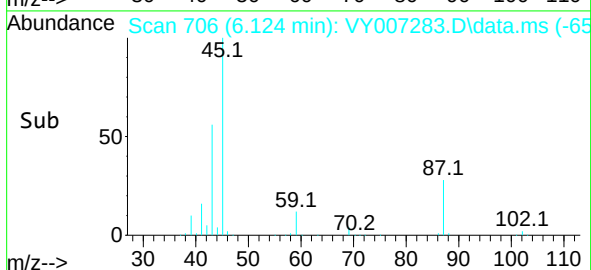
Reviewed By :John Carlone 01/25/2022
Supervised By :Mahesh Dadoda 01/25/2022

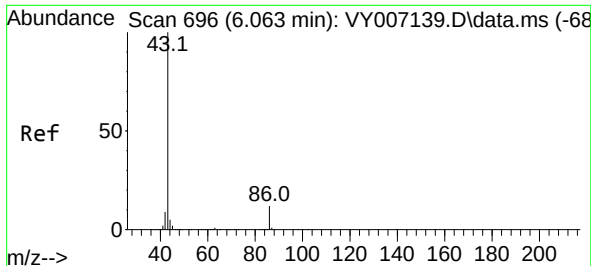


#22
Diisopropyl ether
Concen: 64.200 ug/l
RT: 6.124 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY007283.D
Acq: 24 Jan 2022 20:52



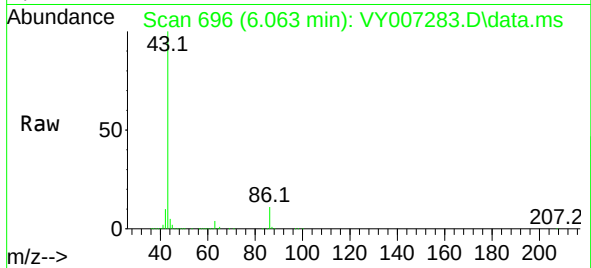
Tgt Ion: 45 Resp: 180363
Ion Ratio Lower Upper
45 100
43 56.0 45.6 68.4
87 28.0 22.2 33.2
59 12.2 9.4 14.0





#23
 Vinyl Acetate
 Concen: 330.571 ug/l
 RT: 6.063 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: VY007283.D
 Acq: 24 Jan 2022 20:52

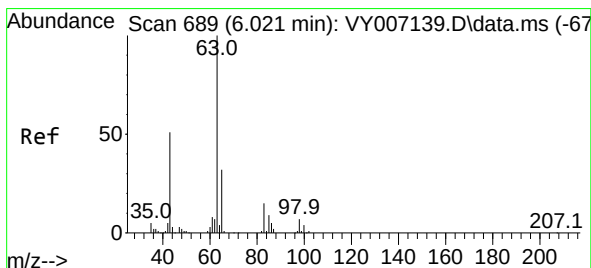
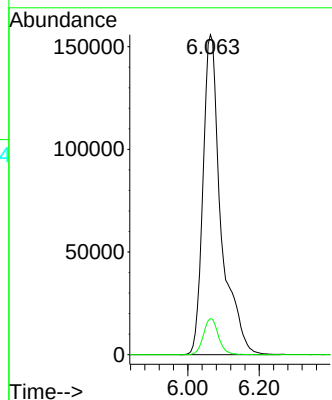
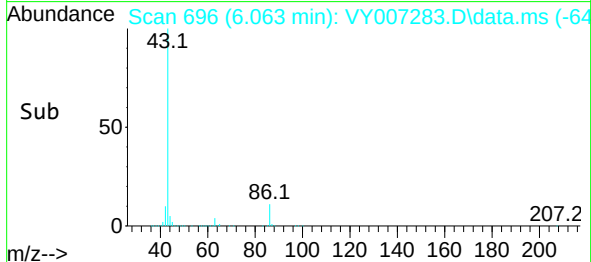
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



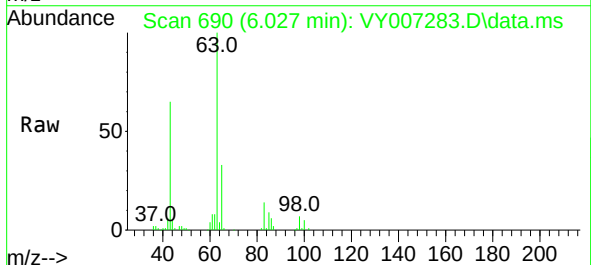
Tgt Ion: 43 Resp: 54616
 Ion Ratio Lower Upper
 43 100
 86 11.3 9.0 13.6

Manual Integrations
 APPROVED

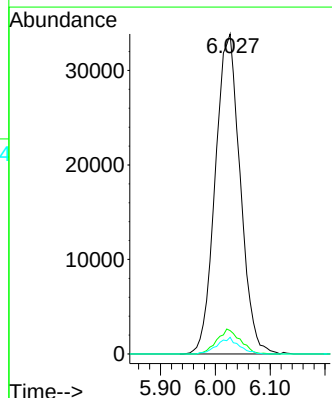
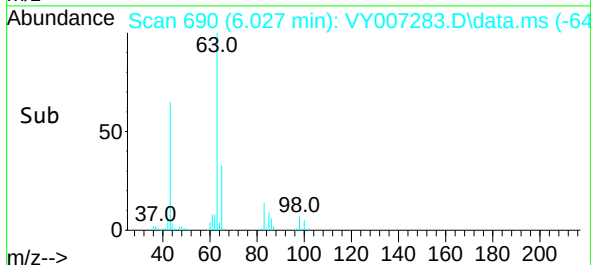
Reviewed By :John Carlone 01/25/2022
 Supervised By :Mahesh Dadoda 01/25/2022

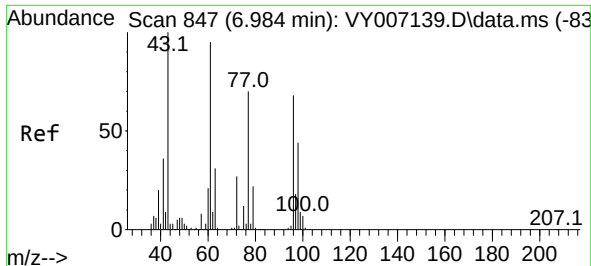


#24
 1,1-Dichloroethane
 Concen: 62.596 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.006 min
 Lab File: VY007283.D
 Acq: 24 Jan 2022 20:52



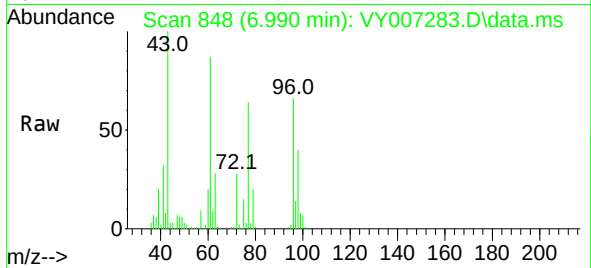
Tgt Ion: 63 Resp: 106977
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.5 10.6
 100 5.2 2.1 6.2





#25
2-Butanone
Concen: 330.823 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY007283.D
Acq: 24 Jan 2022 20:52

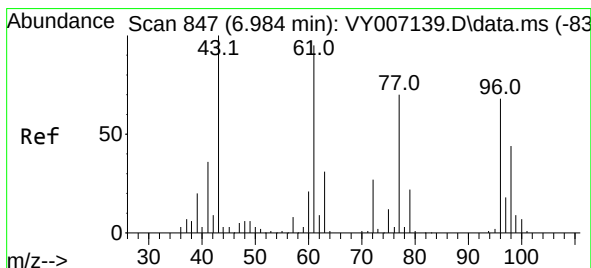
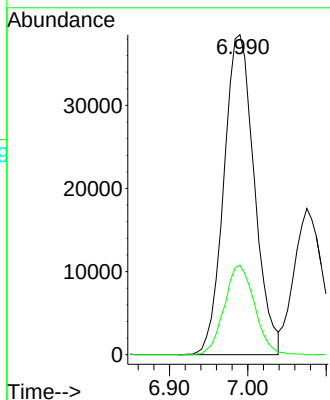
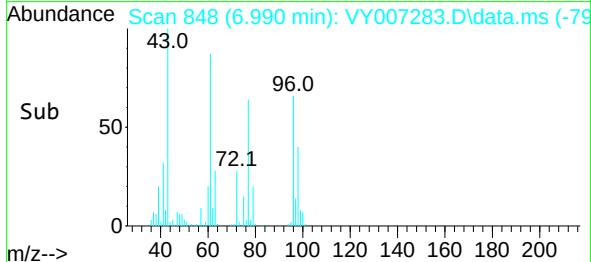
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 10410
Ion Ratio Lower Upper
43 100
72 28.0 21.9 32.9

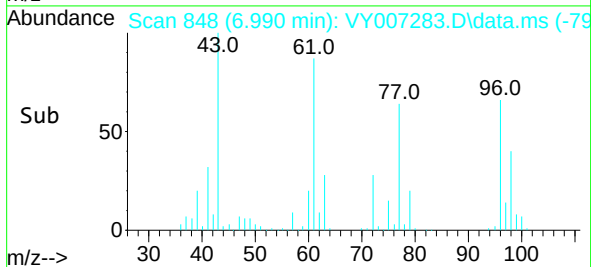
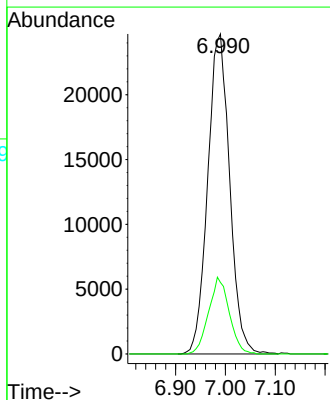
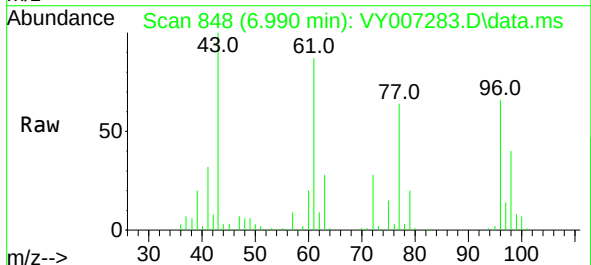
Manual Integrations
APPROVED

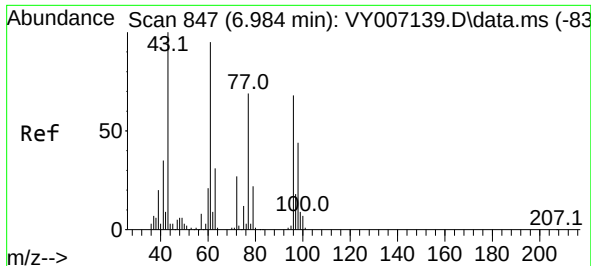
Reviewed By :John Carlone 01/25/2022
Supervised By :Mahesh Dadoda 01/25/2022



#26
2,2-Dichloropropane
Concen: 60.541 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY007283.D
Acq: 24 Jan 2022 20:52

Tgt Ion: 77 Resp: 75403
Ion Ratio Lower Upper
77 100
97 22.6 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 63.413 ug/l

RT: 6.990 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY007283.D

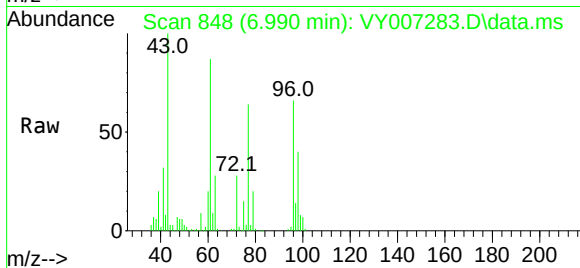
Acq: 24 Jan 2022 20:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



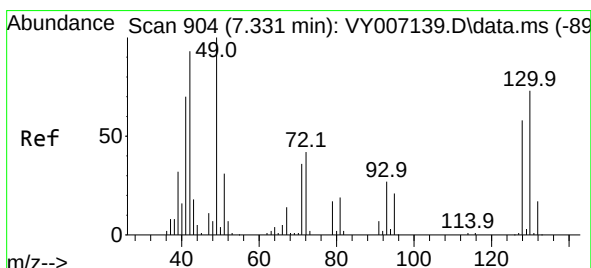
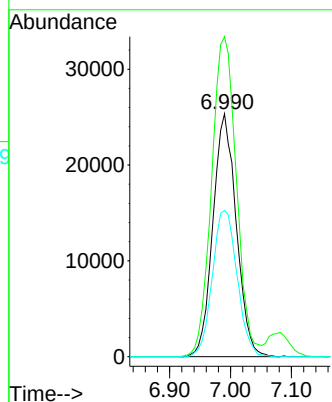
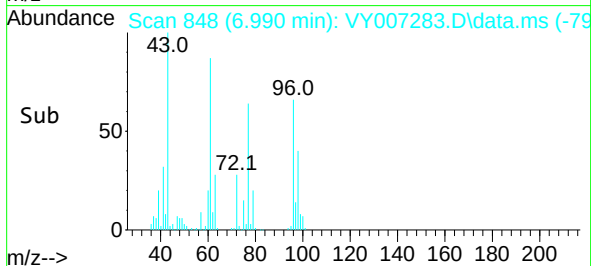
Tgt Ion:	96	Resp:	67440
Ion	Ratio	Lower	Upper
96	100		
61	140.3	0.0	276.8
98	63.9	0.0	127.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/25/2022

Supervised By :Mahesh Dadoda 01/25/2022



#28

Bromochloromethane

Concen: 62.702 ug/l

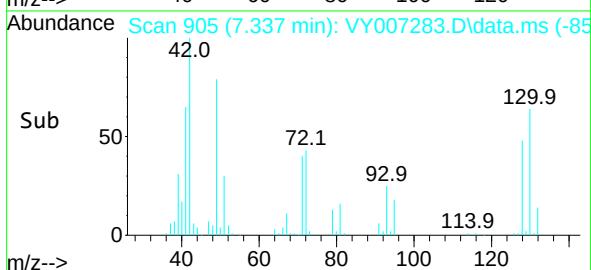
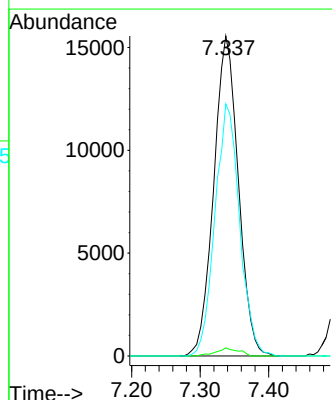
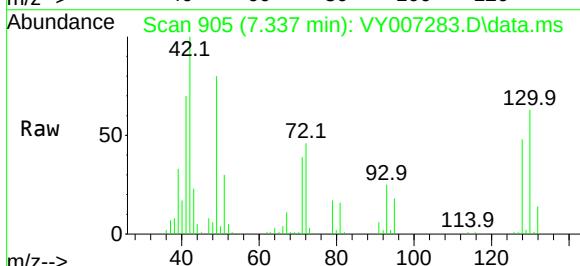
RT: 7.337 min Scan# 905

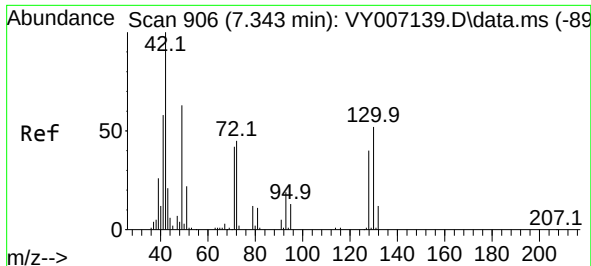
Delta R.T. 0.006 min

Lab File: VY007283.D

Acq: 24 Jan 2022 20:52

Tgt Ion:	49	Resp:	38761
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.6
130	78.8	65.0	97.4





#29

Tetrahydrofuran

Concen: 324.470 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY007283.D

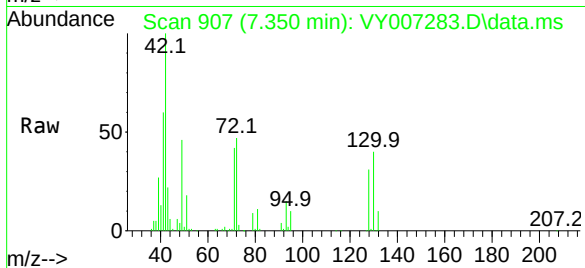
Acq: 24 Jan 2022 20:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



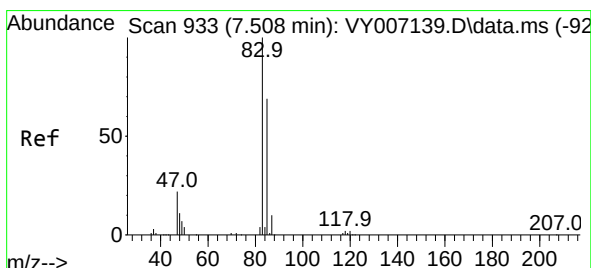
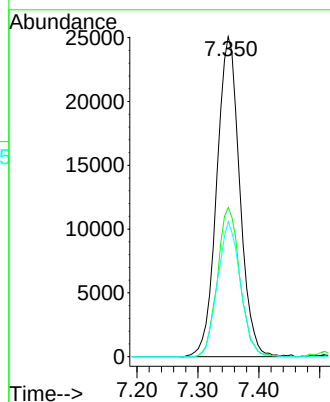
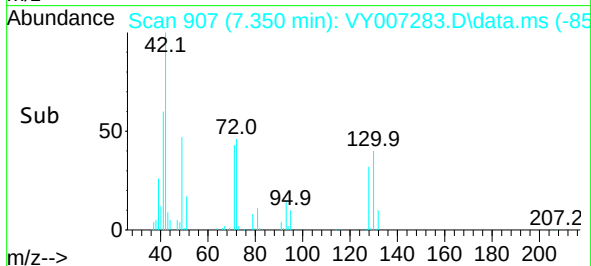
Tgt Ion:	42	Resp:	65634
Ion Ratio	Lower	Upper	
42	100		
72	45.8	36.6	54.8
71	42.0	34.1	51.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/25/2022

Supervised By :Mahesh Dadoda 01/25/2022



#30

Chloroform

Concen: 64.913 ug/l

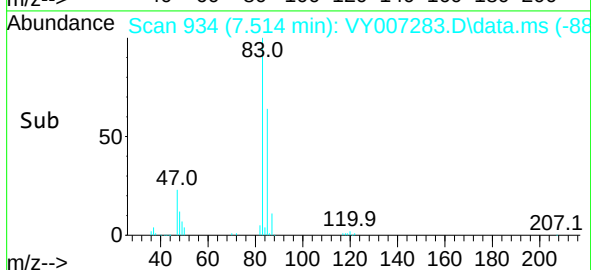
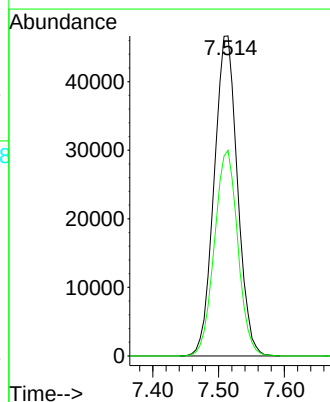
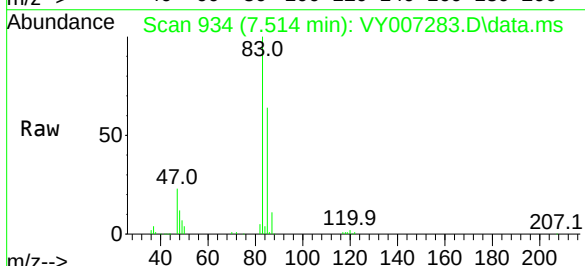
RT: 7.514 min Scan# 934

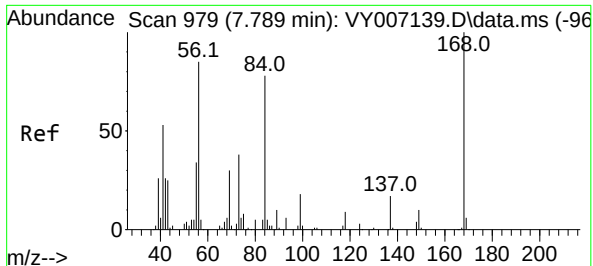
Delta R.T. 0.006 min

Lab File: VY007283.D

Acq: 24 Jan 2022 20:52

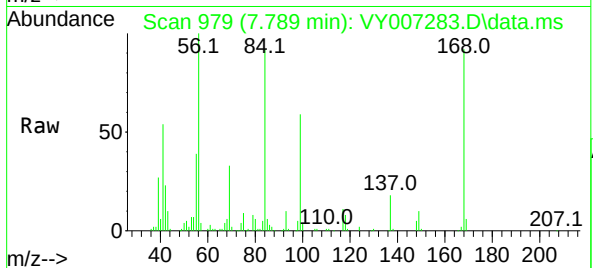
Tgt Ion:	83	Resp:	115265
Ion Ratio	Lower	Upper	
83	100		
85	64.2	50.9	76.3





#31
Cyclohexane
Concen: 55.479 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007283.D
Acq: 24 Jan 2022 20:52

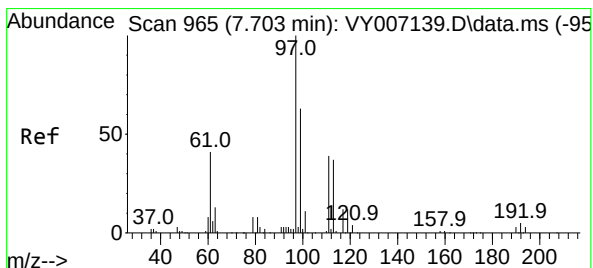
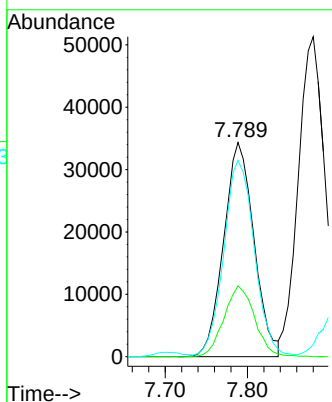
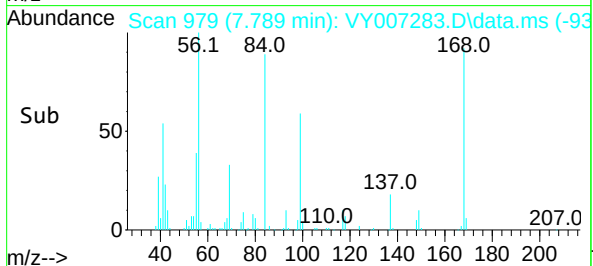
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 87962
Ion Ratio Lower Upper
56 100
69 33.1 27.2 40.8
84 89.8 72.1 108.1

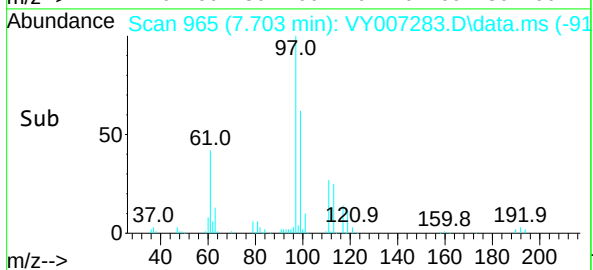
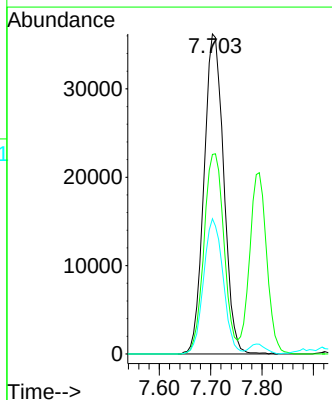
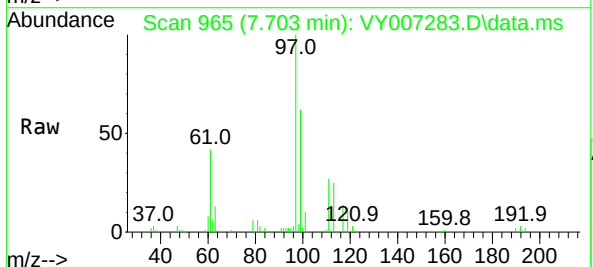
Manual Integrations
APPROVED

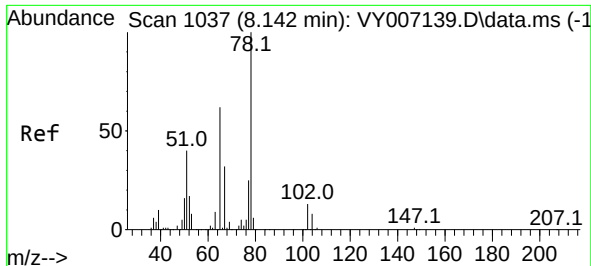
Reviewed By :John Carlone 01/25/2022
Supervised By :Mahesh Dadoda 01/25/2022



#32
1,1,1-Trichloroethane
Concen: 63.604 ug/l
RT: 7.703 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY007283.D
Acq: 24 Jan 2022 20:52

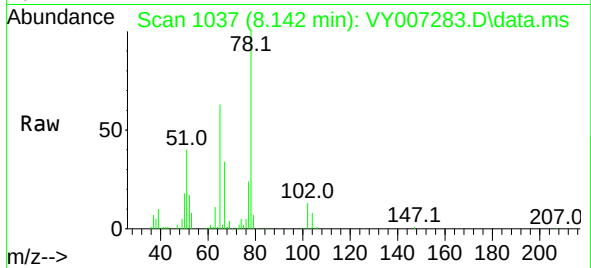
Tgt Ion: 97 Resp: 96533
Ion Ratio Lower Upper
97 100
99 63.4 51.1 76.7
61 41.9 32.2 48.2





#33
1,2-Dichloroethane-d4
Concen: 49.776 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007283.D
Acq: 24 Jan 2022 20:52

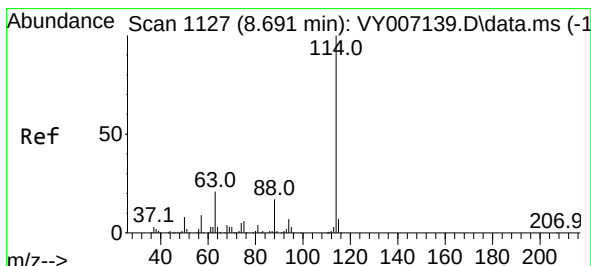
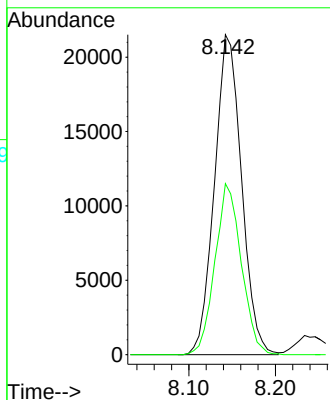
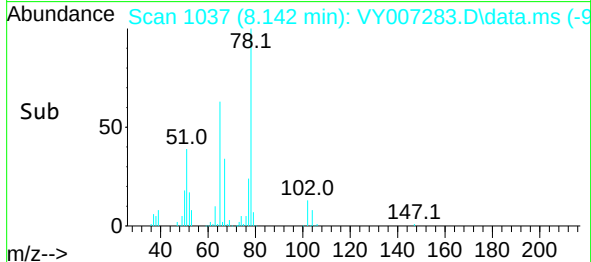
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



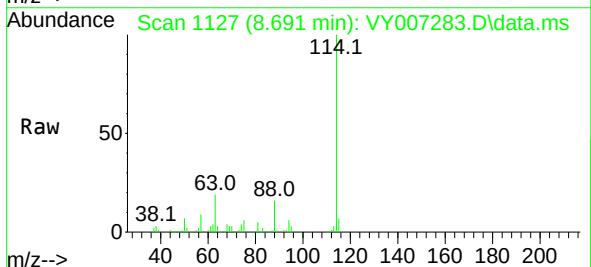
Tgt Ion: 65 Resp: 4668
Ion Ratio Lower Upper
65 100
67 52.0 0.0 105.6

Manual Integrations
APPROVED

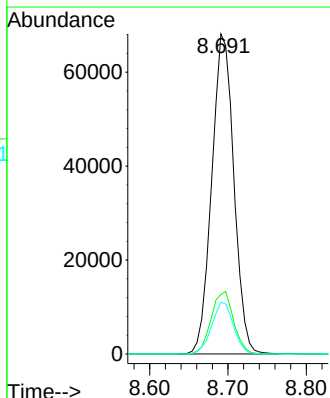
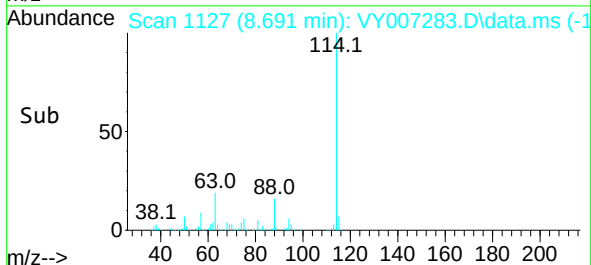
Reviewed By :John Carlone 01/25/2022
Supervised By :Mahesh Dadoda 01/25/2022

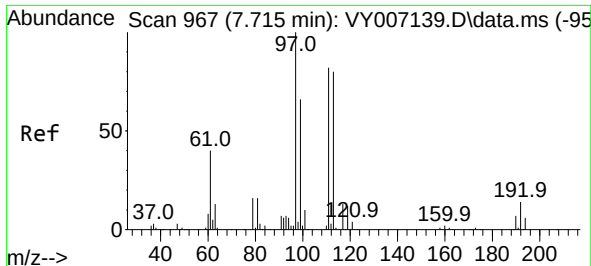


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007283.D
Acq: 24 Jan 2022 20:52



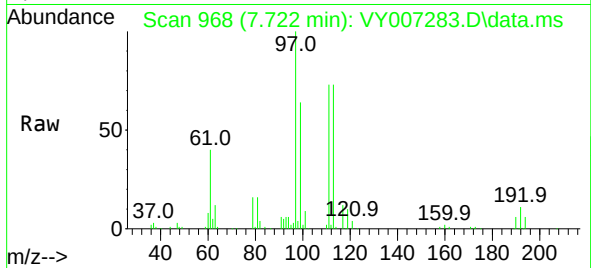
Tgt Ion:114 Resp: 133618
Ion Ratio Lower Upper
114 100
63 18.6 0.0 39.2
88 16.2 0.0 31.0





#35
Dibromofluoromethane
Concen: 48.615 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY007283.D
Acq: 24 Jan 2022 20:52

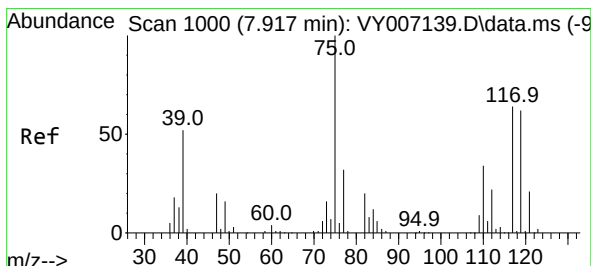
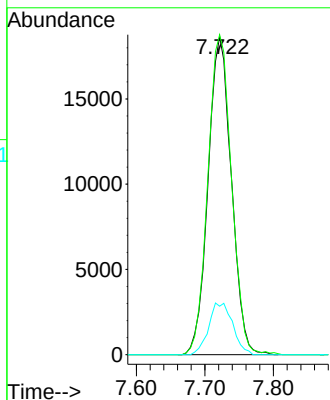
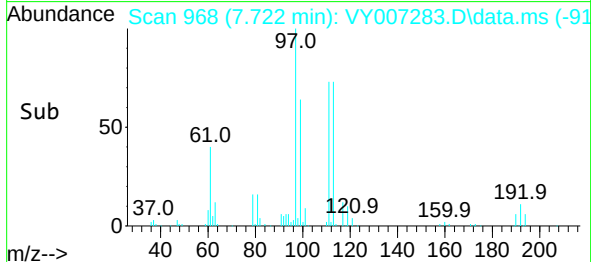
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



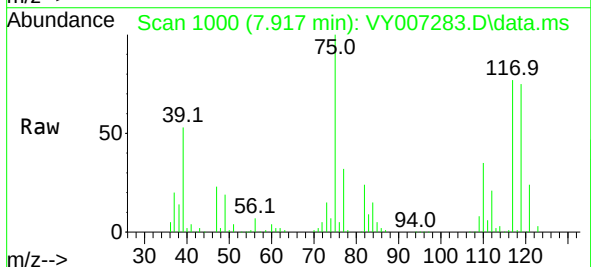
Tgt Ion: 113 Resp: 43924
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.4
192 16.8 14.2 21.4

Manual Integrations
APPROVED

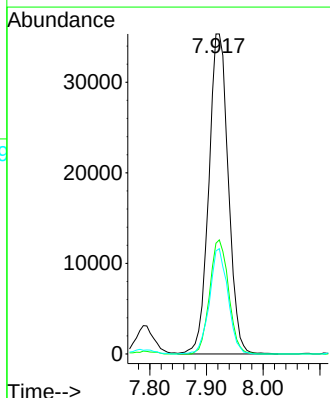
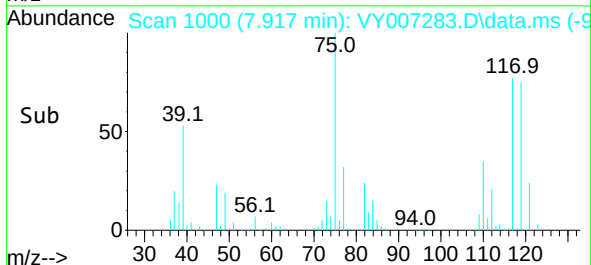
Reviewed By :John Carlone 01/25/2022
Supervised By :Mahesh Dadoda 01/25/2022

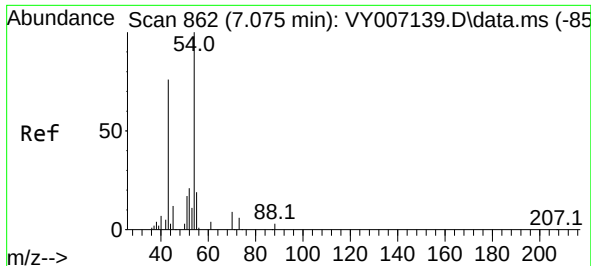


#36
1,1-Dichloropropene
Concen: 58.488 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY007283.D
Acq: 24 Jan 2022 20:52



Tgt Ion: 75 Resp: 84399
Ion Ratio Lower Upper
75 100
110 34.5 17.3 51.9
77 31.1 24.7 37.1





#37

Ethyl Acetate

Concen: 62.227 ug/l

RT: 7.075 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY007283.D

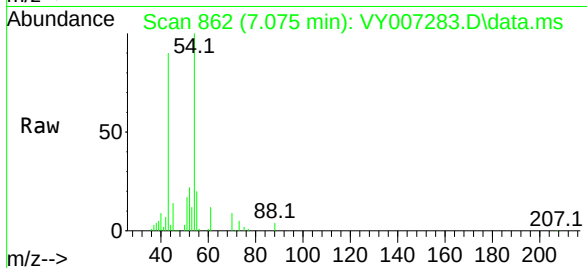
Acq: 24 Jan 2022 20:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



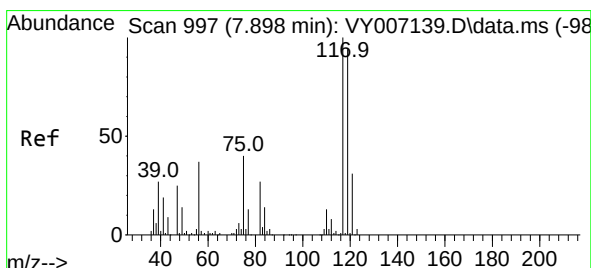
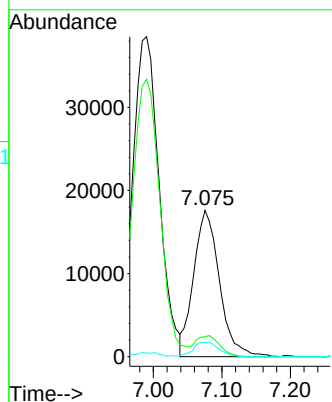
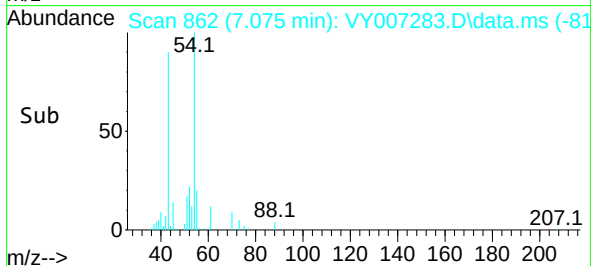
Tgt Ion:	43	Resp:	4608
Ion Ratio	Lower	Upper	
43	100		
61	13.7	11.8	17.8
70	9.8	9.0	13.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/25/2022

Supervised By :Mahesh Dadoda 01/25/2022



#38

Carbon Tetrachloride

Concen: 59.209 ug/l

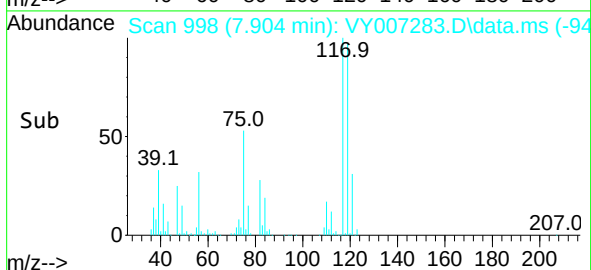
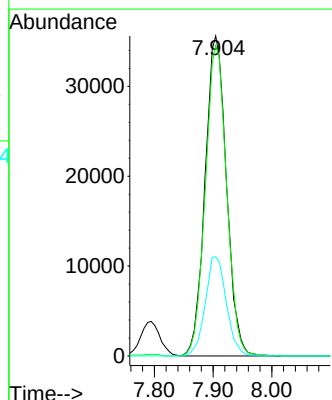
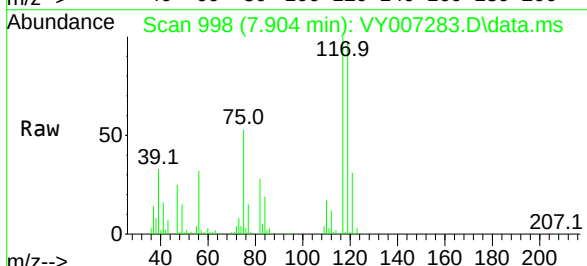
RT: 7.904 min Scan# 998

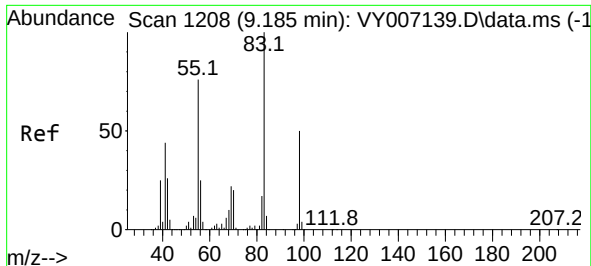
Delta R.T. 0.006 min

Lab File: VY007283.D

Acq: 24 Jan 2022 20:52

Tgt Ion:	117	Resp:	89869
Ion Ratio	Lower	Upper	
117	100		
119	97.0	77.2	115.8
121	31.0	24.2	36.2





#39

Methylcyclohexane

Concen: 56.610 ug/l

RT: 9.185 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VY007283.D

Acq: 24 Jan 2022 20:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

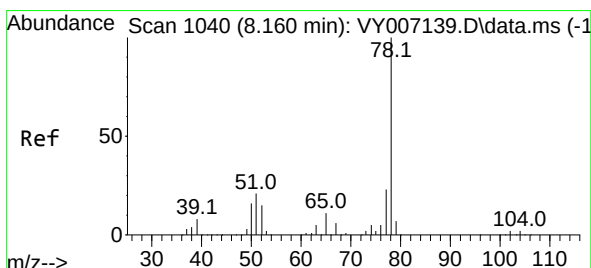
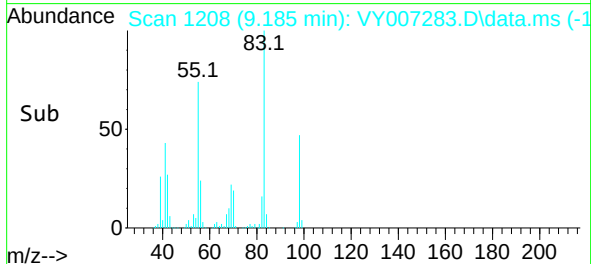
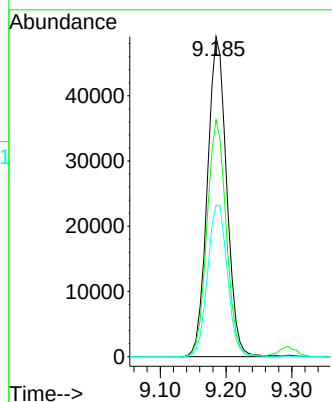
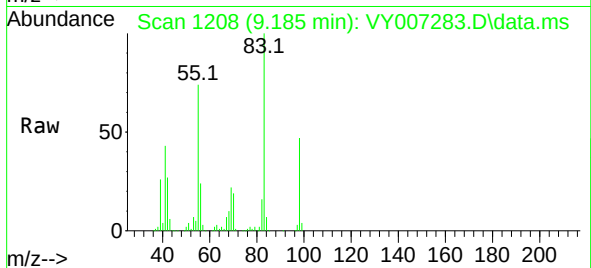
Tgt Ion:	83	Resp:	99739
Ion Ratio	Lower	Upper	
83	100		
55	74.0	58.8	88.2
98	47.4	38.7	58.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/25/2022

Supervised By :Mahesh Dadoda 01/25/2022



#40

Benzene

Concen: 60.865 ug/l

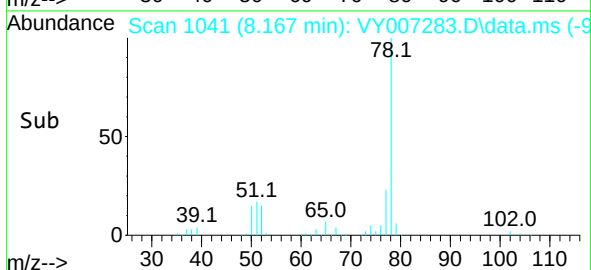
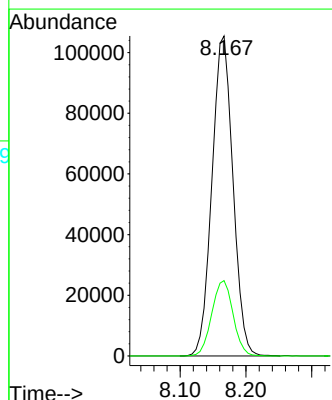
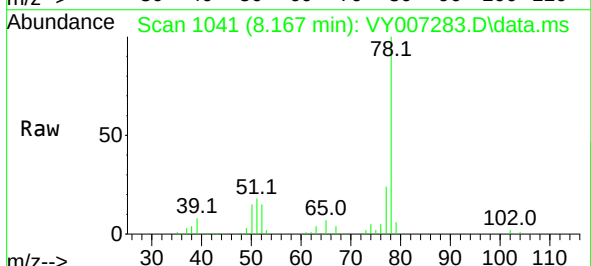
RT: 8.167 min Scan# 1041

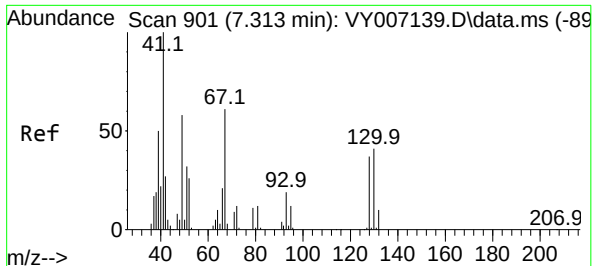
Delta R.T. 0.006 min

Lab File: VY007283.D

Acq: 24 Jan 2022 20:52

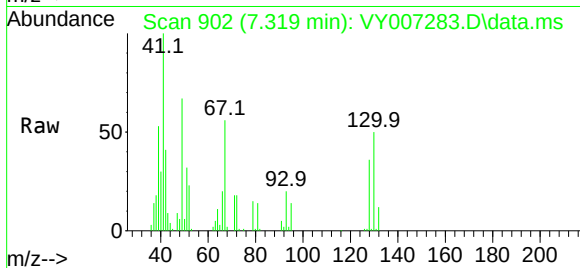
Tgt Ion:	78	Resp:	234281
Ion Ratio	Lower	Upper	
78	100		
77	23.5	18.6	27.8





#41
Methacrylonitrile
Concen: 60.899 ug/l m
RT: 7.319 min Scan# 901
Delta R.T. 0.006 min
Lab File: VY007283.D
Acq: 24 Jan 2022 20:52

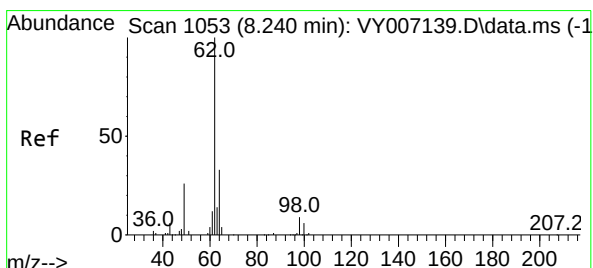
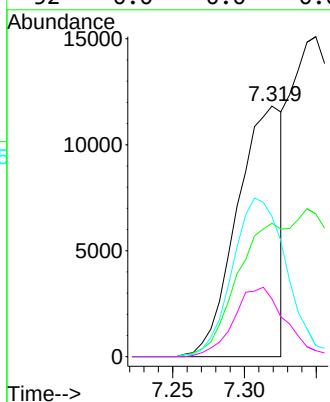
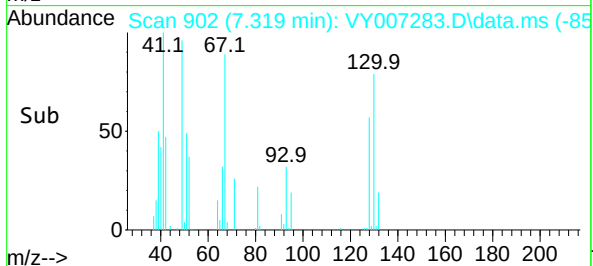
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 2597
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

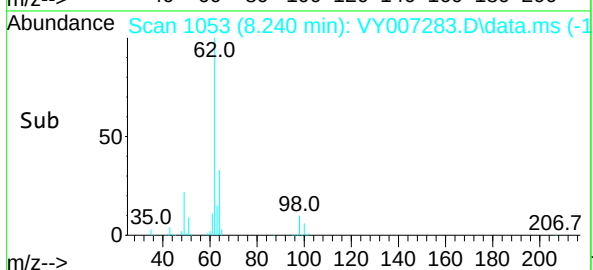
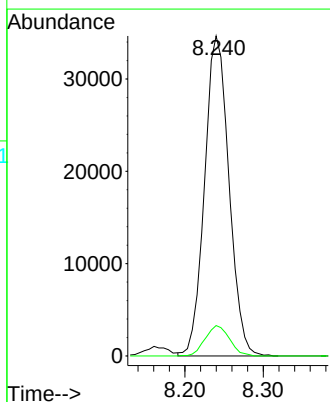
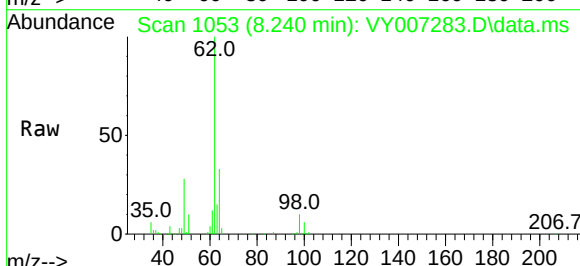
Manual Integrations
APPROVED

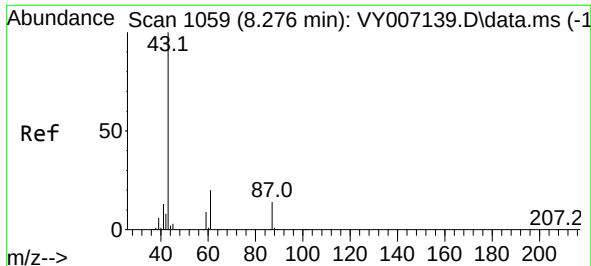
Reviewed By :John Carlone 01/25/2022
Supervised By :Mahesh Dadoda 01/25/2022



#42
1,2-Dichloroethane
Concen: 61.945 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY007283.D
Acq: 24 Jan 2022 20:52

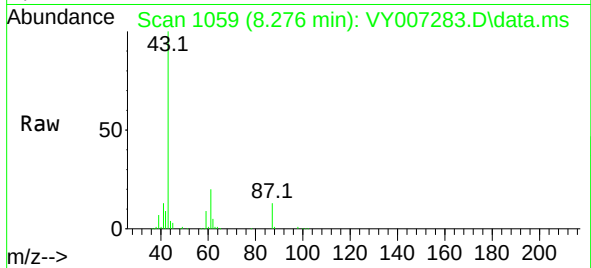
Tgt Ion: 62 Resp: 75084
Ion Ratio Lower Upper
62 100
98 9.5 0.0 19.2





#43
Isopropyl Acetate
Concen: 62.947 ug/l
RT: 8.276 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VY007283.D
Acq: 24 Jan 2022 20:52

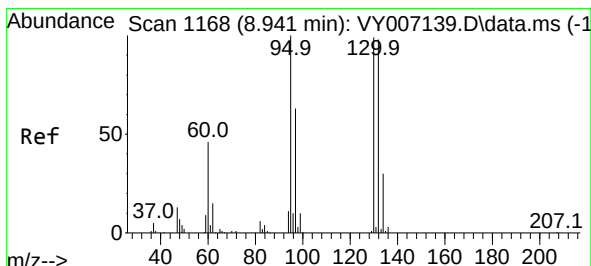
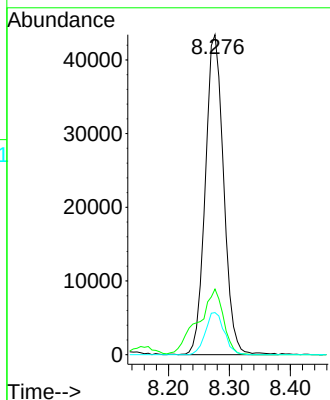
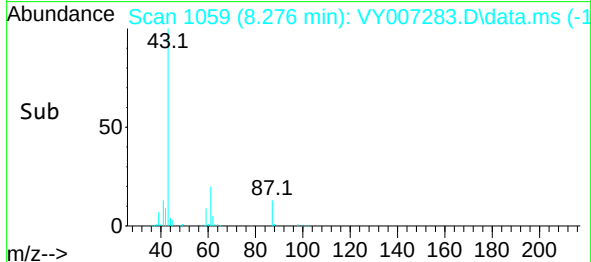
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



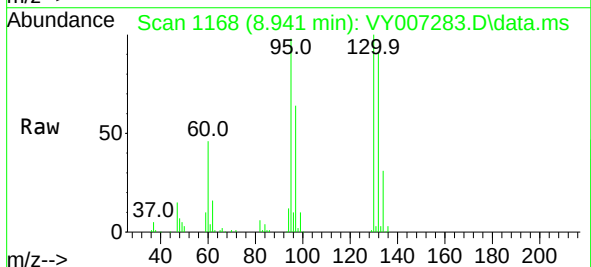
Tgt Ion: 43 Resp: 90704
Ion Ratio Lower Upper
43 100
61 28.5 23.8 35.8
87 13.5 11.6 17.4

Manual Integrations
APPROVED

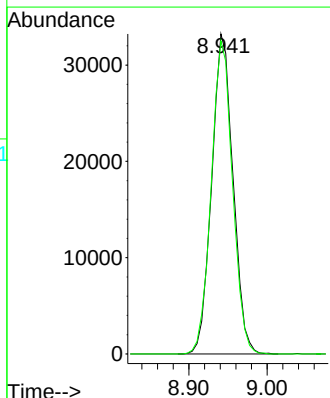
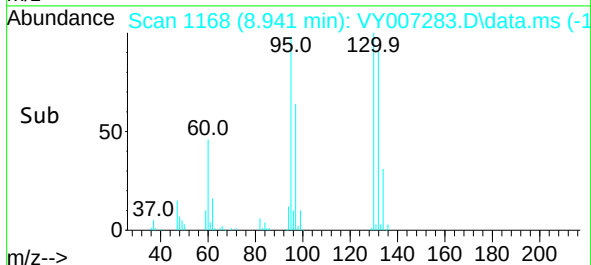
Reviewed By :John Carlone 01/25/2022
Supervised By :Mahesh Dadoda 01/25/2022

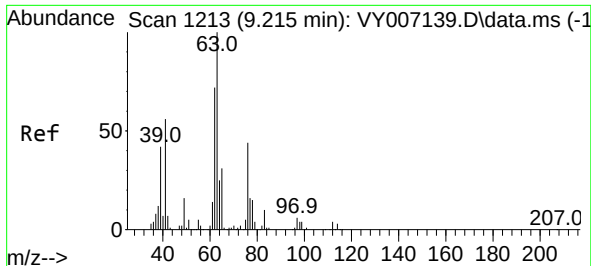


#44
Trichloroethene
Concen: 60.301 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY007283.D
Acq: 24 Jan 2022 20:52



Tgt Ion:130 Resp: 62810
Ion Ratio Lower Upper
130 100
95 97.9 0.0 196.6





#45

1,2-Dichloropropane

Concen: 61.679 ug/l

RT: 9.221 min Scan# 1214

Delta R.T. 0.006 min

Lab File: VY007283.D

Acq: 24 Jan 2022 20:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 60374

Ion Ratio Lower Upper

63 100

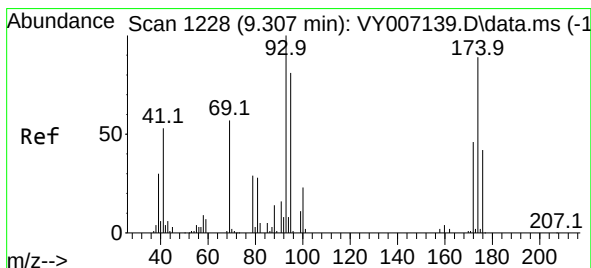
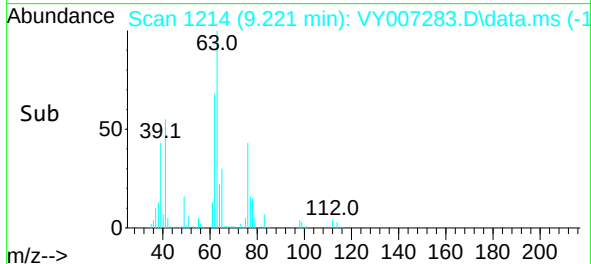
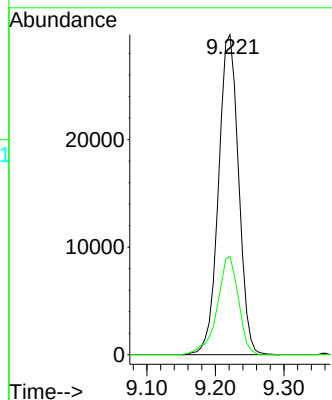
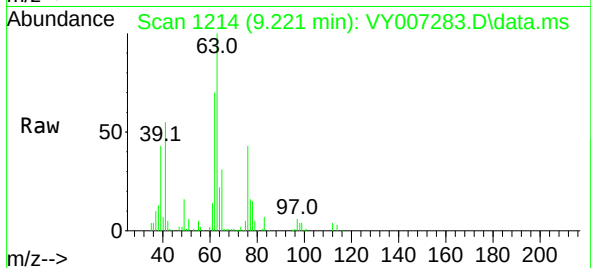
65 30.7 26.9 40.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/25/2022

Supervised By :Mahesh Dadoda 01/25/2022



#46

Dibromomethane

Concen: 60.132 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY007283.D

Acq: 24 Jan 2022 20:52

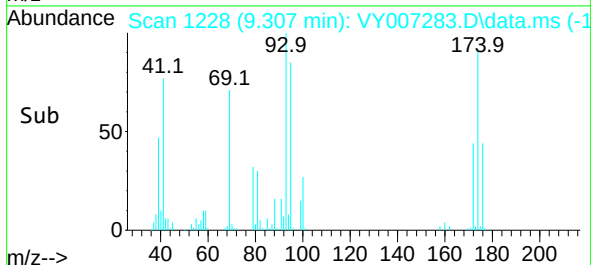
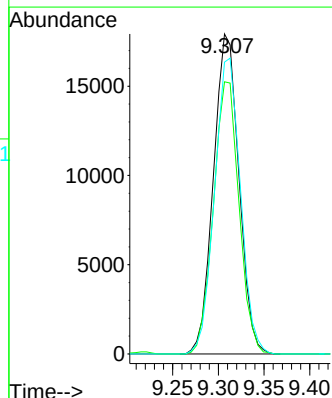
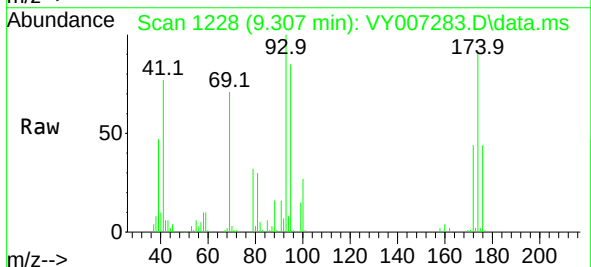
Tgt Ion: 93 Resp: 34807

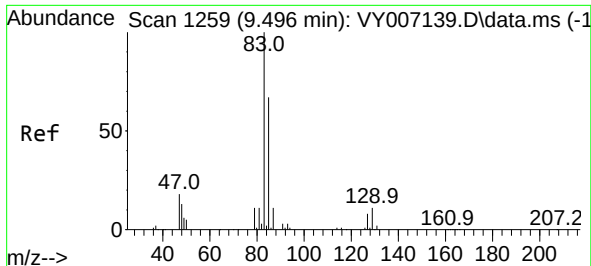
Ion Ratio Lower Upper

93 100

95 85.4 65.8 98.6

174 93.7 75.4 113.0





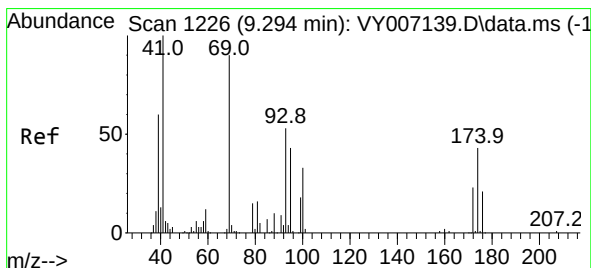
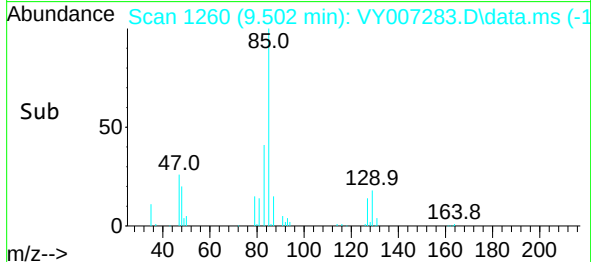
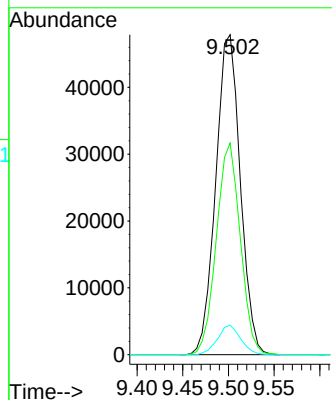
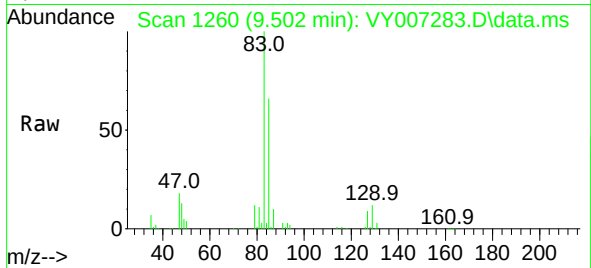
#47
Bromodichloromethane
Concen: 62.947 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.006 min
Lab File: VY007283.D
Acq: 24 Jan 2022 20:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDC050EC

Tgt Ion: 83 Resp: 8957
Ion Ratio Lower Upper
83 100
85 66.1 51.4 77.2
127 9.2 6.5 9.7

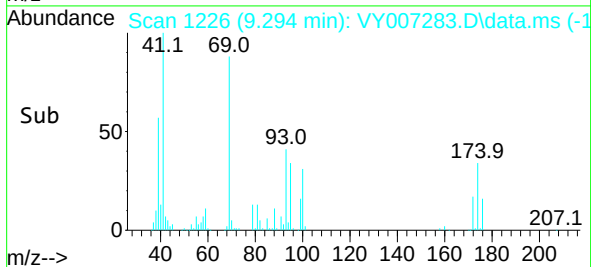
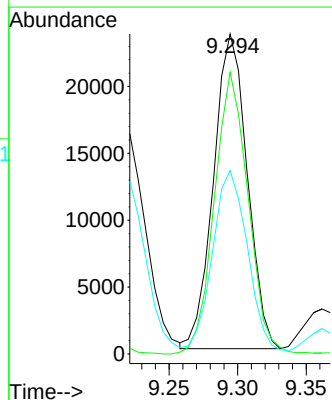
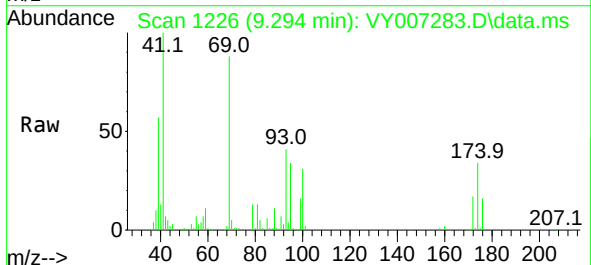
Manual Integrations
APPROVED

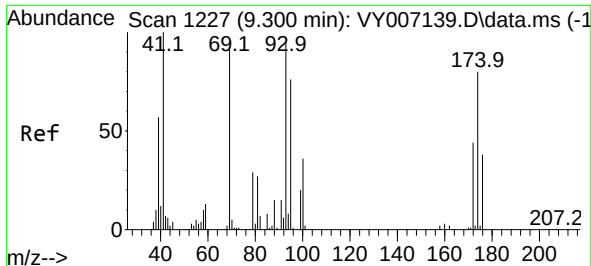
Reviewed By :John Carlone 01/25/2022
Supervised By :Mahesh Dadoda 01/25/2022



#48
Methyl methacrylate
Concen: 61.404 ug/l
RT: 9.294 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY007283.D
Acq: 24 Jan 2022 20:52

Tgt Ion: 41 Resp: 40245
Ion Ratio Lower Upper
41 100
69 89.5 70.5 105.7
39 61.6 43.8 65.8





#49

1,4-Dioxane

Concen: 1393.172 ug/l

RT: 9.301 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY007283.D

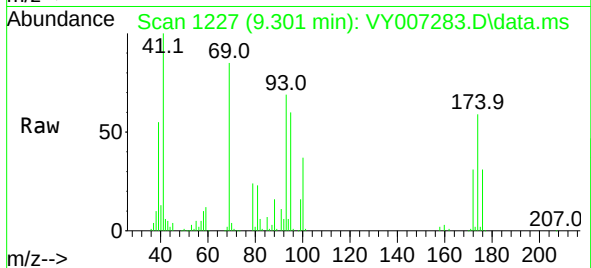
Acq: 24 Jan 2022 20:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



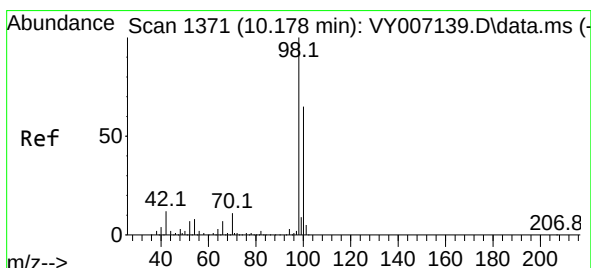
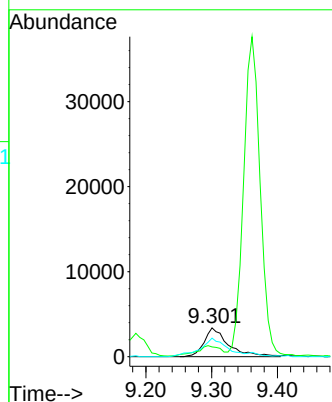
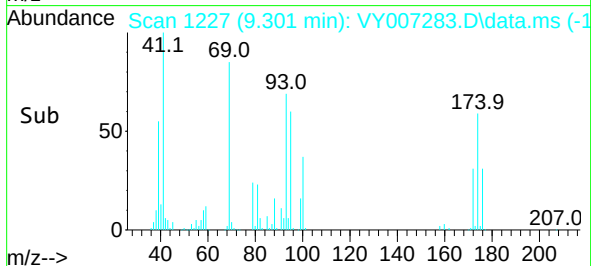
Tgt Ion:	88	Resp:	869
Ion Ratio	Lower	Upper	
88	100		
43	34.7	22.0	33.0
58	69.1	58.6	87.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/25/2022

Supervised By :Mahesh Dadoda 01/25/2022



#50

Toluene-d8

Concen: 47.299 ug/l

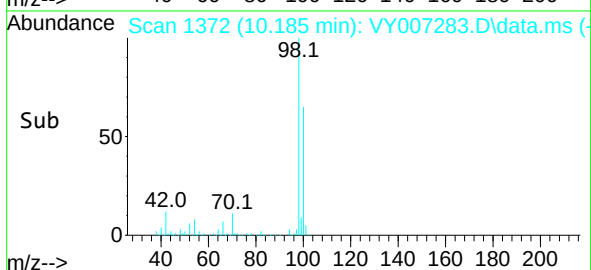
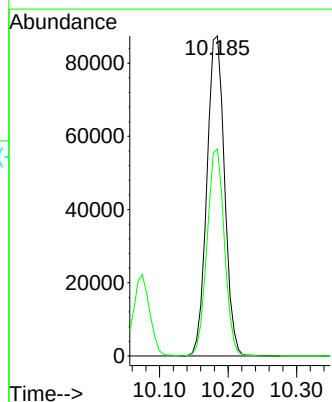
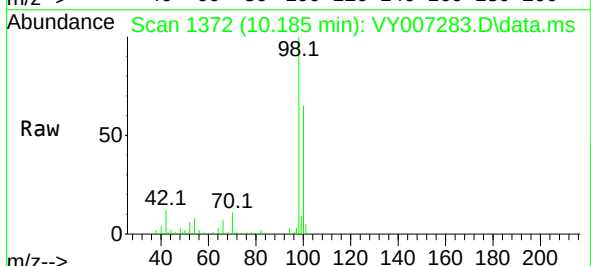
RT: 10.185 min Scan# 1372

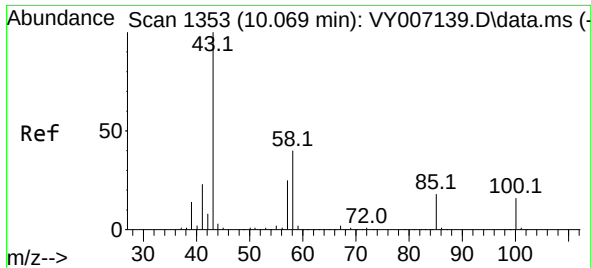
Delta R.T. 0.006 min

Lab File: VY007283.D

Acq: 24 Jan 2022 20:52

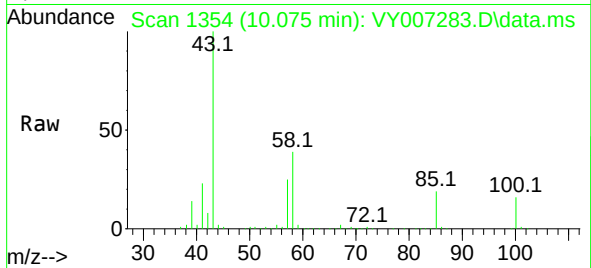
Tgt Ion:	98	Resp:	156151
Ion Ratio	Lower	Upper	
98	100		
100	63.7	52.2	78.2





#51
4-Methyl-2-Pentanone
Concen: 318.813 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.006 min
Lab File: VY007283.D
Acq: 24 Jan 2022 20:52

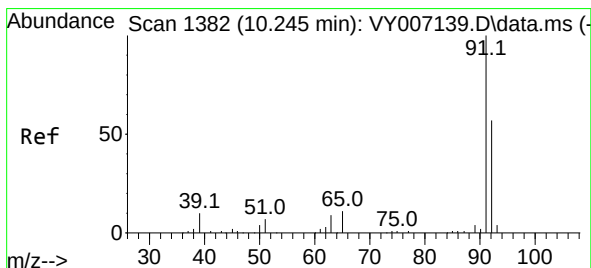
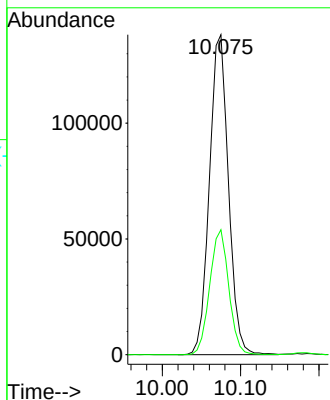
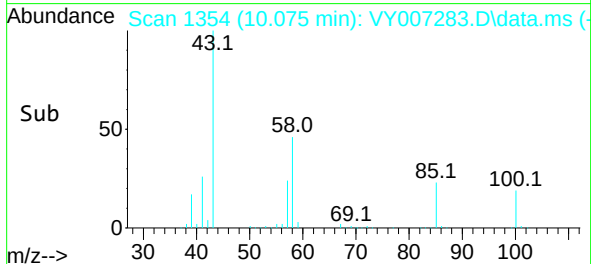
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 232938
Ion Ratio Lower Upper
43 100
58 39.2 32.8 49.2

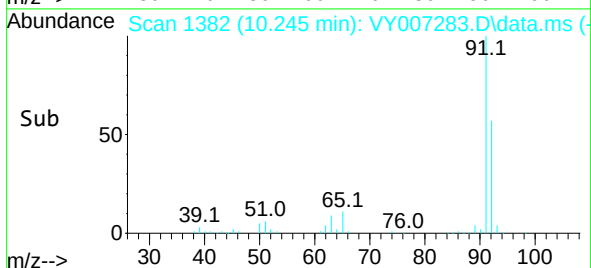
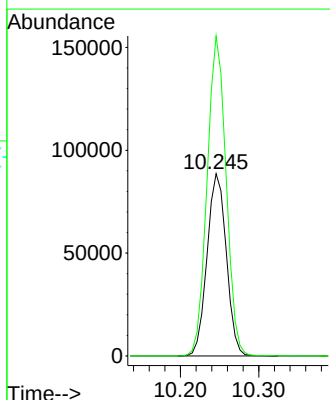
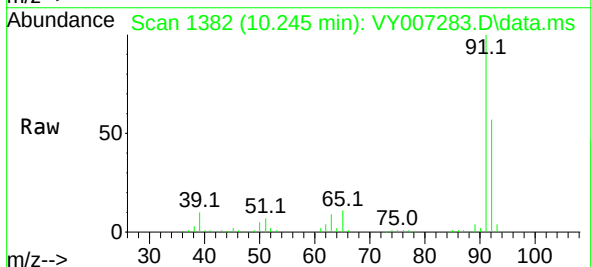
Manual Integrations
APPROVED

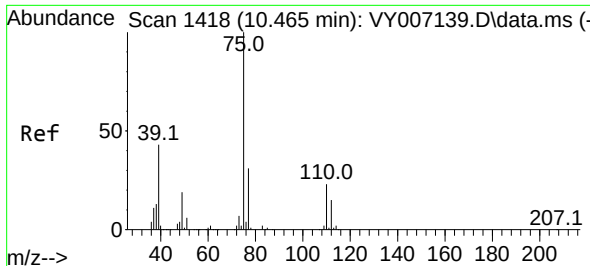
Reviewed By :John Carlone 01/25/2022
Supervised By :Mahesh Dadoda 01/25/2022



#52
Toluene
Concen: 61.980 ug/l
RT: 10.245 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY007283.D
Acq: 24 Jan 2022 20:52

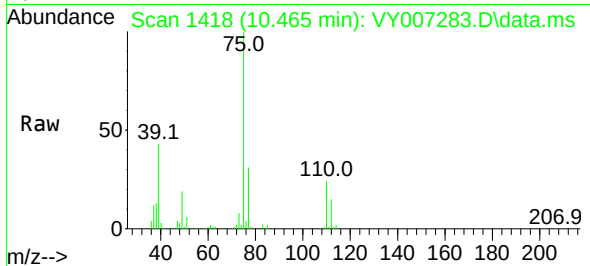
Tgt Ion: 92 Resp: 151222
Ion Ratio Lower Upper
92 100
91 173.1 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 61.946 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY007283.D
Acq: 24 Jan 2022 20:52

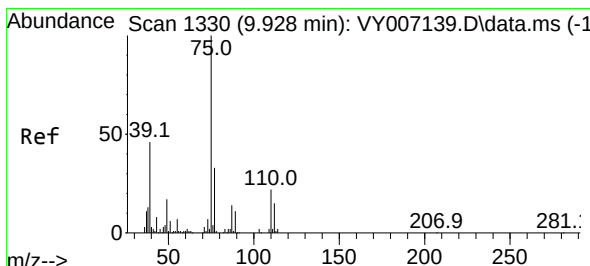
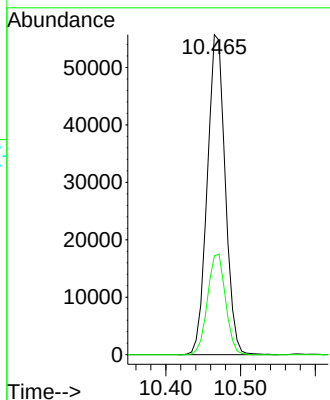
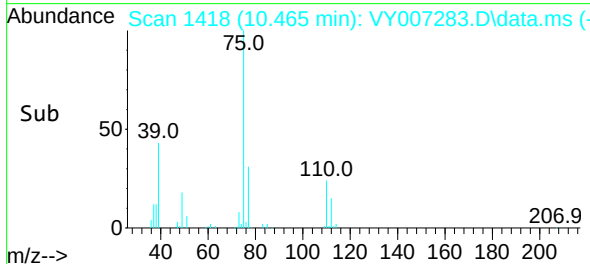
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 9305
Ion Ratio Lower Upper
75 100
77 30.9 25.7 38.5

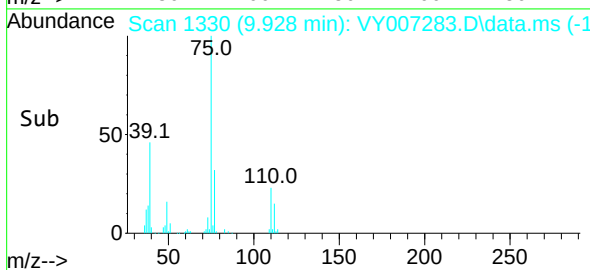
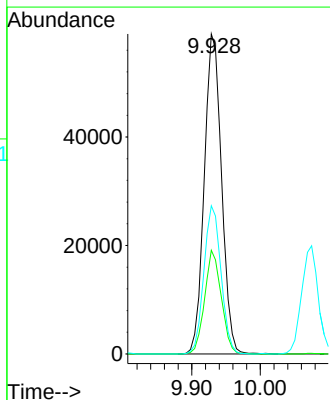
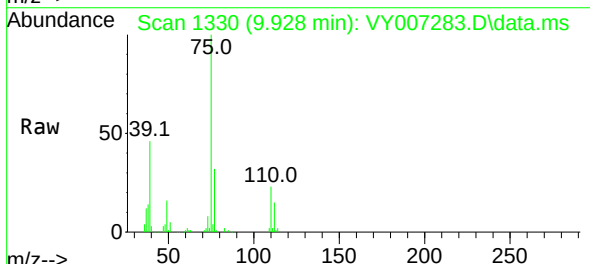
Manual Integrations
APPROVED

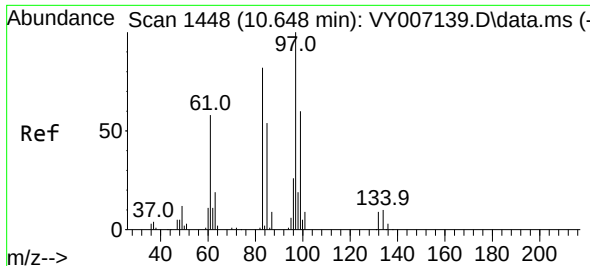
Reviewed By :John Carlone 01/25/2022
Supervised By :Mahesh Dadoda 01/25/2022



#54
cis-1,3-Dichloropropene
Concen: 61.645 ug/l
RT: 9.928 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY007283.D
Acq: 24 Jan 2022 20:52

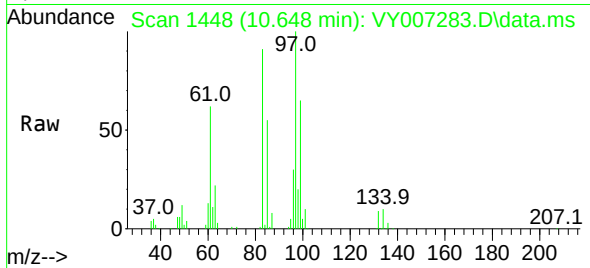
Tgt Ion: 75 Resp: 103654
Ion Ratio Lower Upper
75 100
77 32.4 25.7 38.5
39 46.3 36.1 54.1





#55
1,1,2-Trichloroethane
Concen: 62.236 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY007283.D
Acq: 24 Jan 2022 20:52

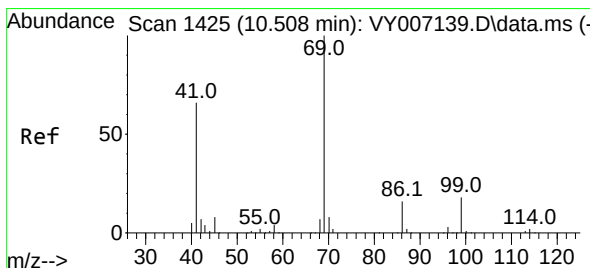
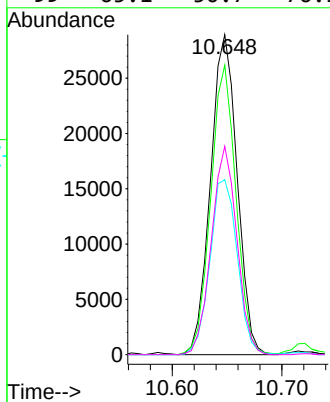
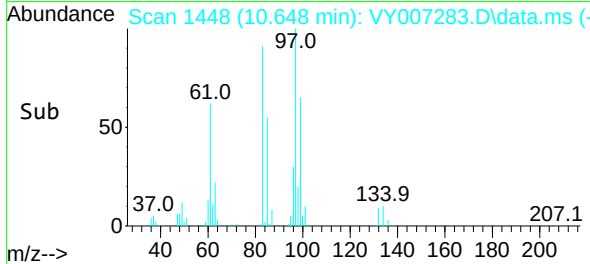
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



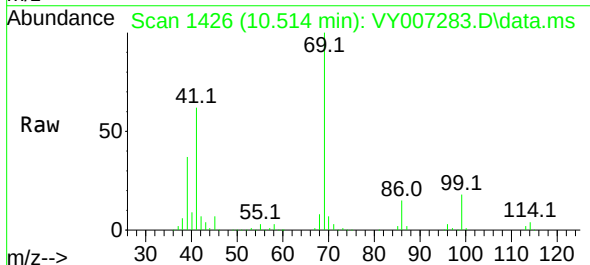
Tgt Ion	Ratio	Lower	Upper
97	100		
83	90.5	67.0	100.4
85	54.7	41.2	61.8
99	65.1	50.7	76.1

Manual Integrations
APPROVED

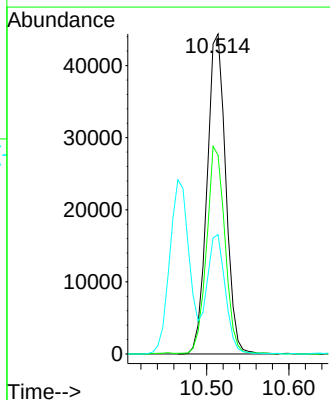
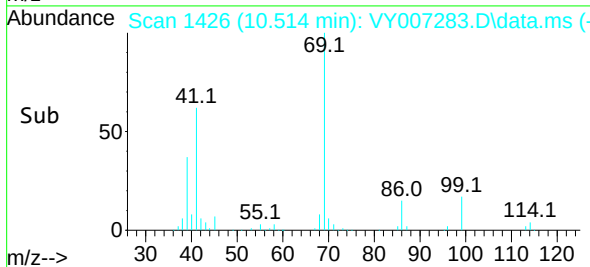
Reviewed By :John Carlone 01/25/2022
Supervised By :Mahesh Dadoda 01/25/2022

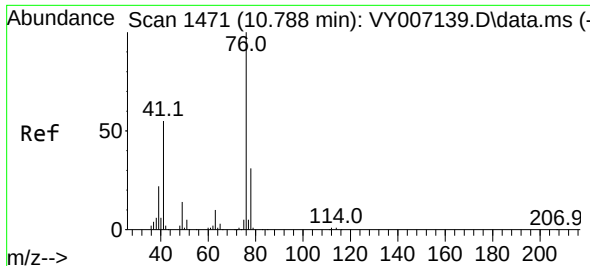


#56
Ethyl methacrylate
Concen: 63.212 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VY007283.D
Acq: 24 Jan 2022 20:52



Tgt Ion	Ratio	Lower	Upper
69	100		
41	64.0	49.4	74.0
39	36.7	27.7	41.5





#57

1,3-Dichloropropane

Concen: 63.206 ug/l

RT: 10.794 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VY007283.D

Acq: 24 Jan 2022 20:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 8650

Ion Ratio Lower Upper

76 100

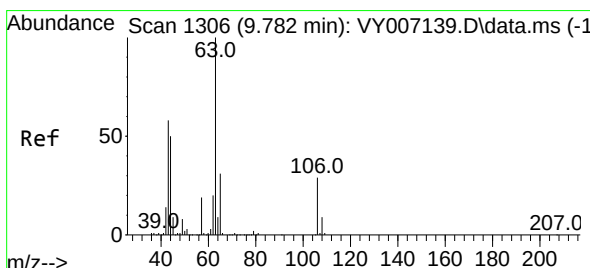
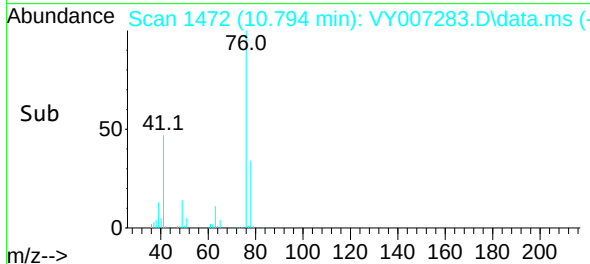
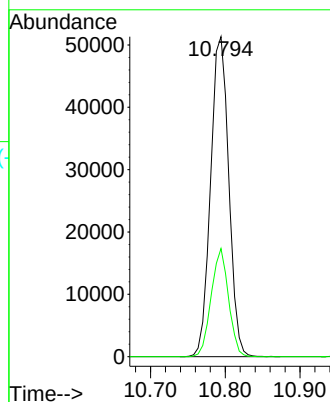
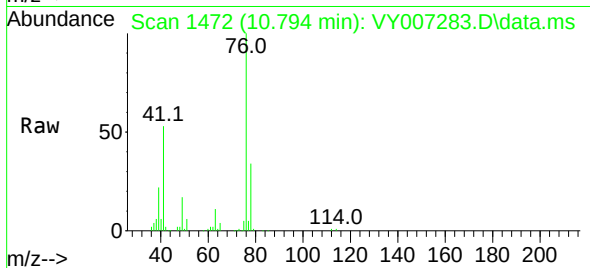
78 32.2 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/25/2022

Supervised By :Mahesh Dadoda 01/25/2022



#58

2-Chloroethyl Vinyl ether

Concen: 288.868 ug/l

RT: 9.788 min Scan# 1307

Delta R.T. 0.006 min

Lab File: VY007283.D

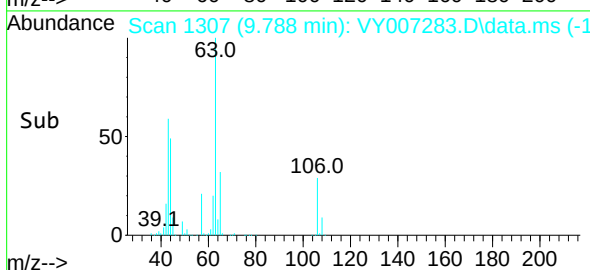
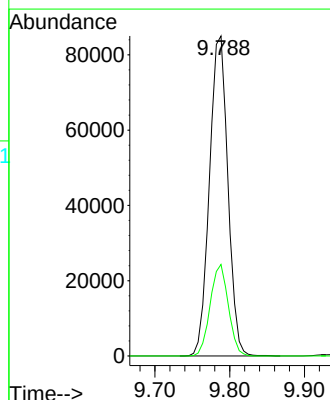
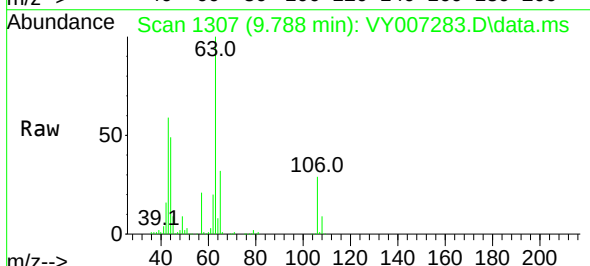
Acq: 24 Jan 2022 20:52

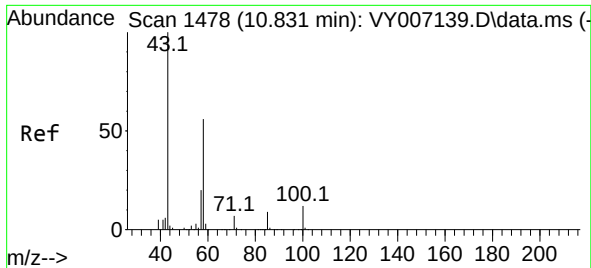
Tgt Ion: 63 Resp: 145289

Ion Ratio Lower Upper

63 100

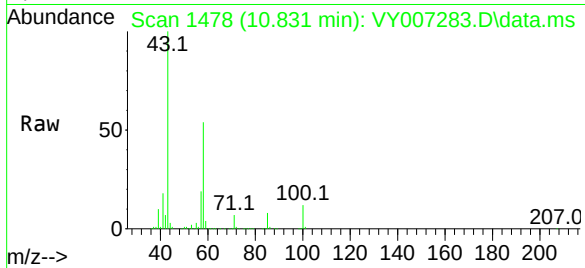
106 28.2 23.3 34.9





#59
2-Hexanone
Concen: 320.103 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY007283.D
Acq: 24 Jan 2022 20:52

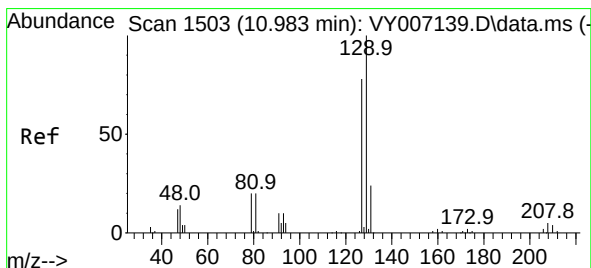
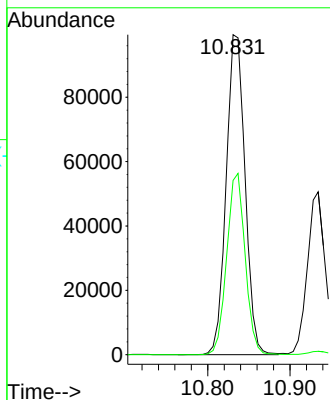
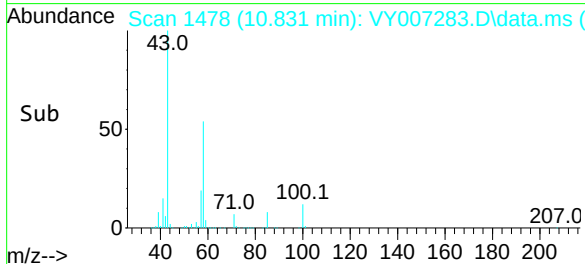
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



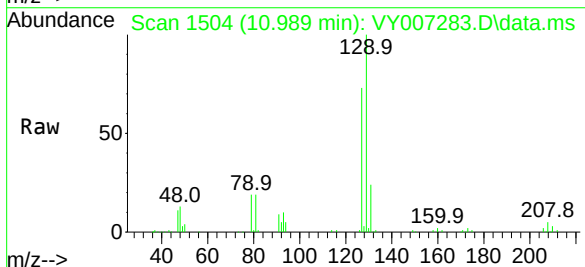
Tgt Ion: 43 Resp: 158723
Ion Ratio Lower Upper
43 100
58 55.4 28.4 85.3

Manual Integrations
APPROVED

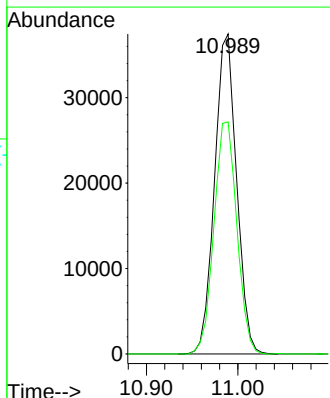
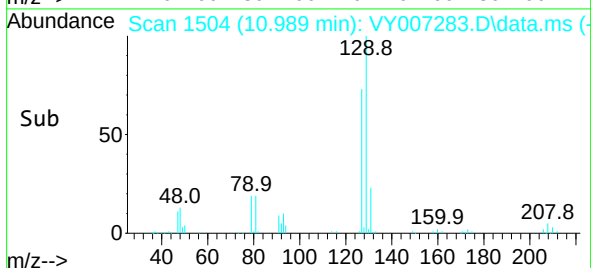
Reviewed By :John Carlone 01/25/2022
Supervised By :Mahesh Dadoda 01/25/2022

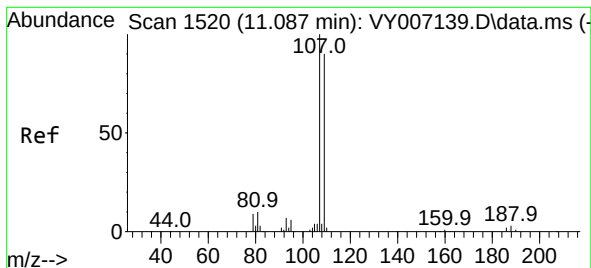


#60
Dibromochloromethane
Concen: 64.983 ug/l
RT: 10.989 min Scan# 1504
Delta R.T. 0.006 min
Lab File: VY007283.D
Acq: 24 Jan 2022 20:52



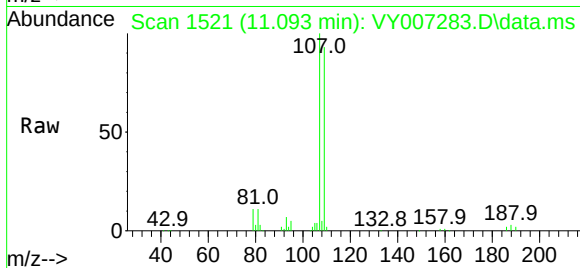
Tgt Ion:129 Resp: 62720
Ion Ratio Lower Upper
129 100
127 75.5 38.9 116.6





#61
1,2-Dibromoethane
Concen: 61.821 ug/l
RT: 11.093 min Scan# 11093
Delta R.T. 0.006 min
Lab File: VY007283.D
Acq: 24 Jan 2022 20:52

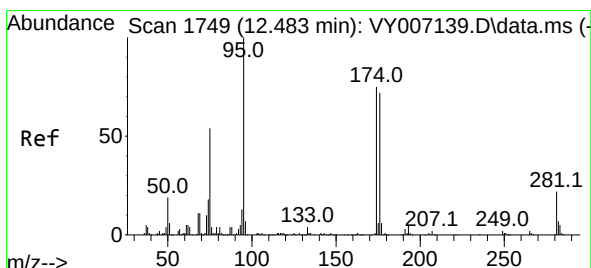
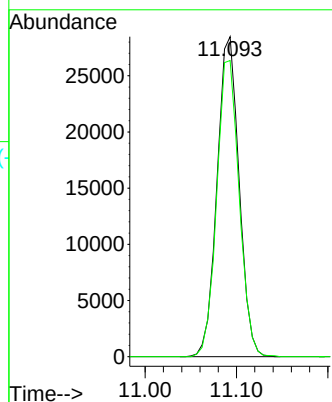
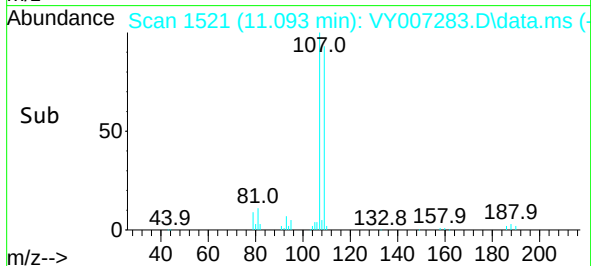
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



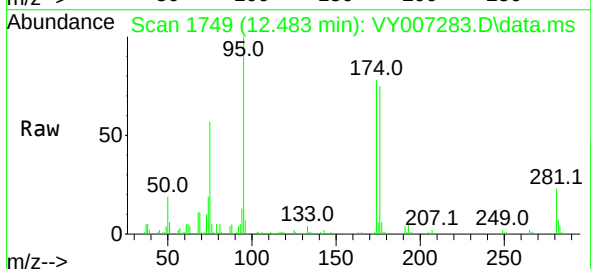
Tgt Ion:107 Resp: 47685
Ion Ratio Lower Upper
107 100
109 94.3 75.4 113.0

Manual Integrations
APPROVED

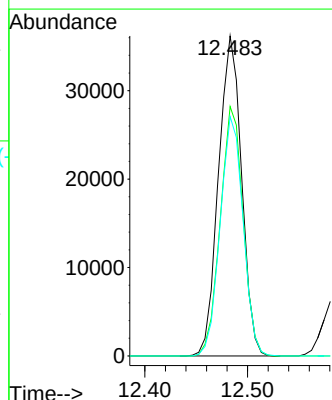
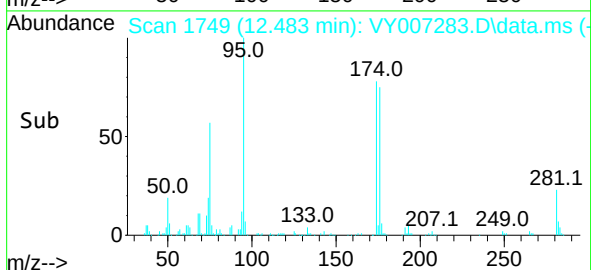
Reviewed By :John Carlone 01/25/2022
Supervised By :Mahesh Dadoda 01/25/2022

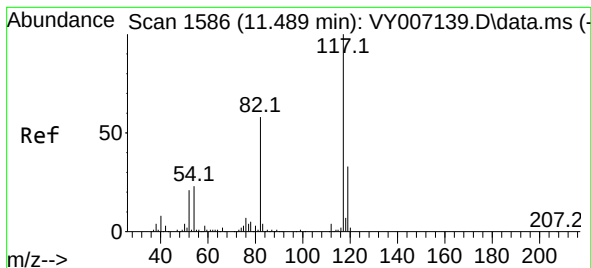


#62
4-Bromofluorobenzene
Concen: 47.970 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007283.D
Acq: 24 Jan 2022 20:52



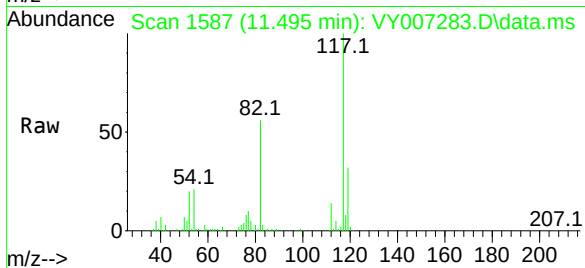
Tgt Ion: 95 Resp: 56333
Ion Ratio Lower Upper
95 100
174 77.0 0.0 148.4
176 74.2 0.0 146.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007283.D
Acq: 24 Jan 2022 20:52

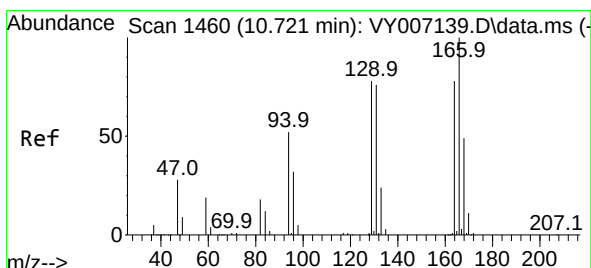
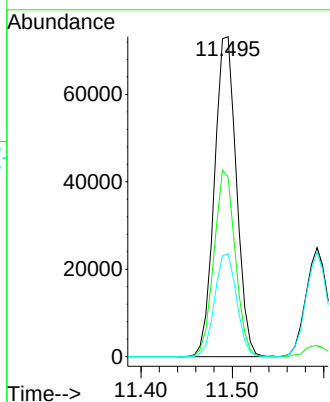
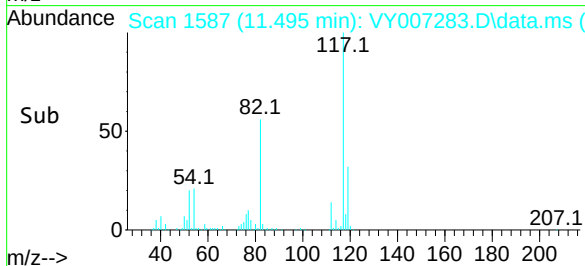
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 122384
Ion Ratio Lower Upper
117 100
82 56.1 45.4 68.0
119 32.2 26.4 39.6

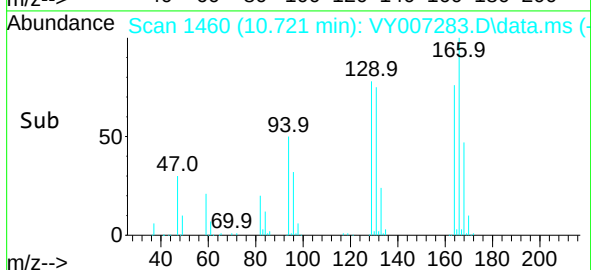
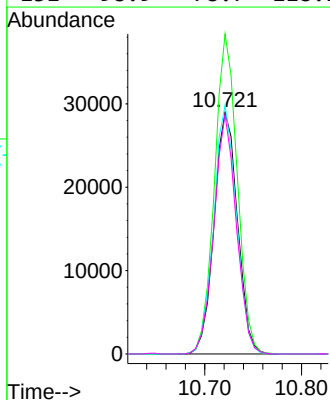
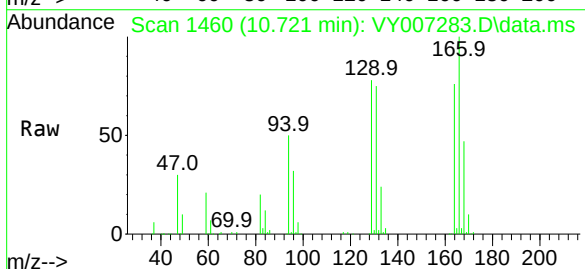
Manual Integrations
APPROVED

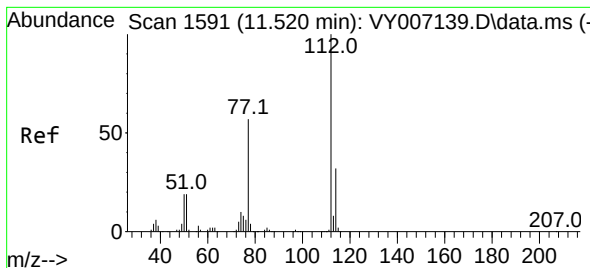
Reviewed By :John Carlone 01/25/2022
Supervised By :Mahesh Dadoda 01/25/2022



#64
Tetrachloroethene
Concen: 55.047 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY007283.D
Acq: 24 Jan 2022 20:52

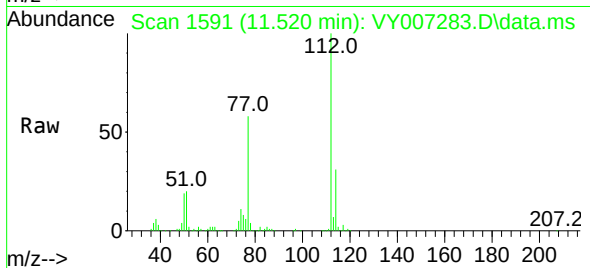
Tgt Ion:164 Resp: 48559
Ion Ratio Lower Upper
164 100
166 132.4 102.6 154.0
129 102.9 84.6 127.0
131 98.9 78.7 118.1





#65
Chlorobenzene
Concen: 59.612 ug/l
RT: 11.520 min Scan# 11591
Delta R.T. 0.000 min
Lab File: VY007283.D
Acq: 24 Jan 2022 20:52

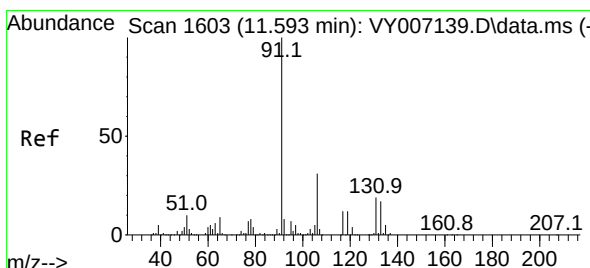
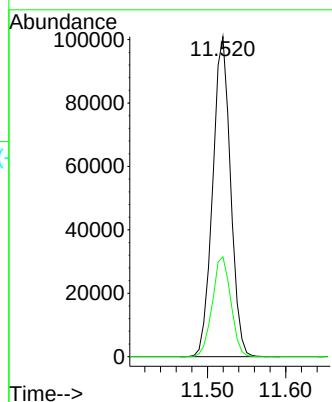
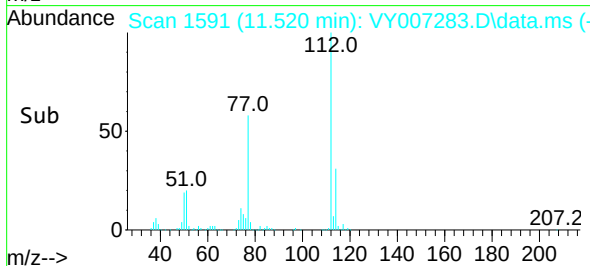
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 15952
Ion Ratio Lower Upper
112 100
114 31.2 25.1 37.7

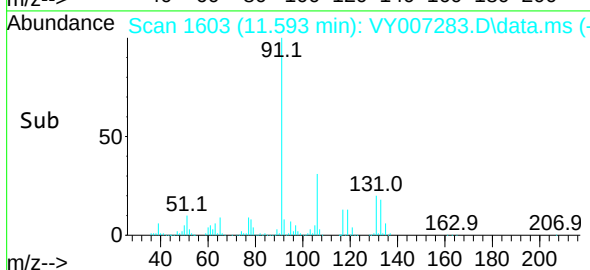
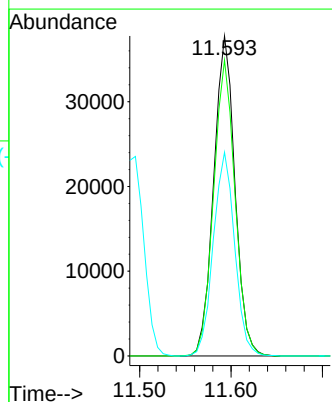
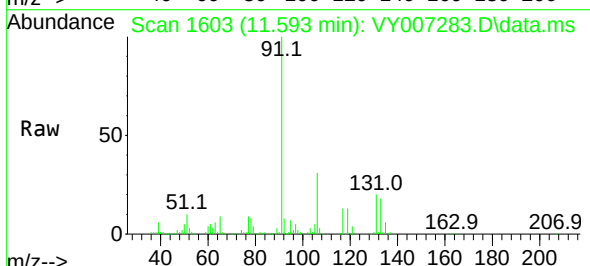
Manual Integrations
APPROVED

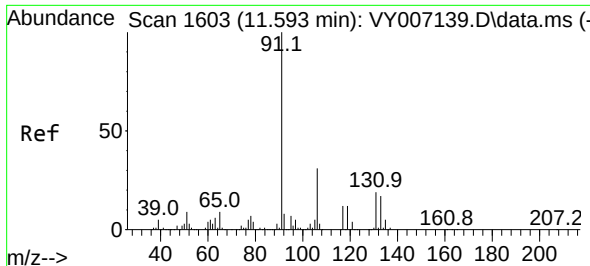
Reviewed By :John Carlone 01/25/2022
Supervised By :Mahesh Dadoda 01/25/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 61.505 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY007283.D
Acq: 24 Jan 2022 20:52

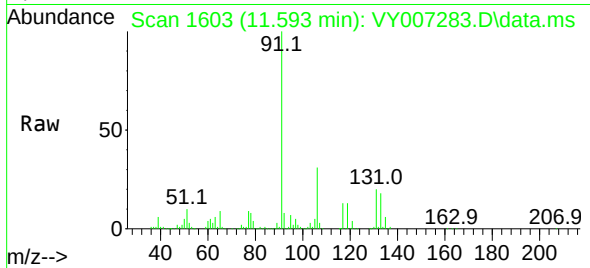
Tgt Ion:131 Resp: 61011
Ion Ratio Lower Upper
131 100
133 93.5 47.5 142.5
119 64.2 32.6 97.7





#67
Ethyl Benzene
Concen: 59.413 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY007283.D
Acq: 24 Jan 2022 20:52

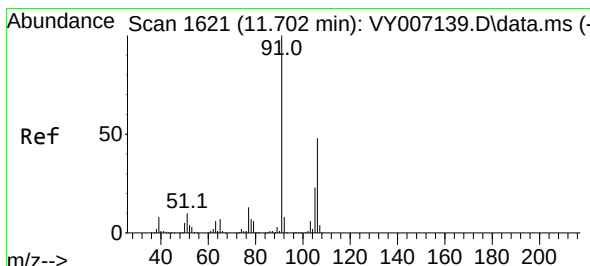
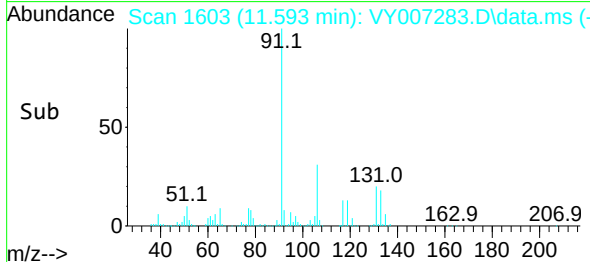
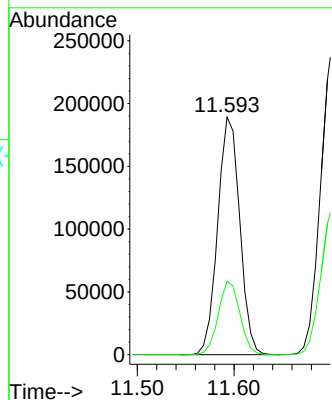
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 298820
Ion Ratio Lower Upper
91 100
106 31.0 23.9 35.9

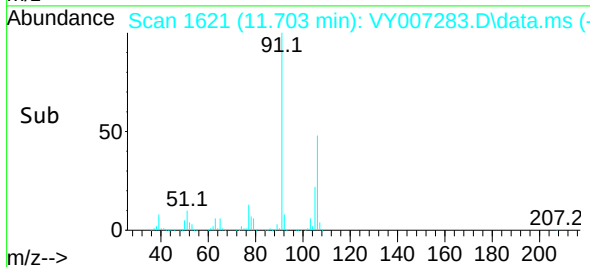
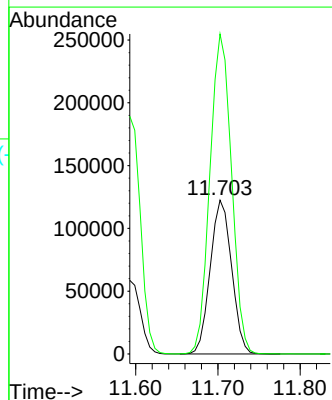
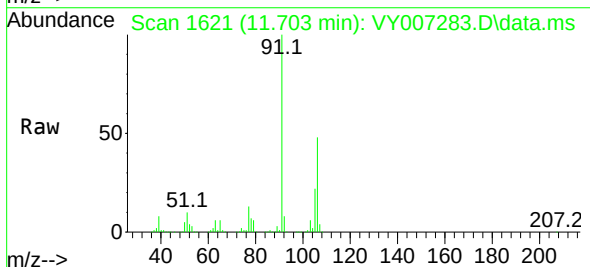
Manual Integrations
APPROVED

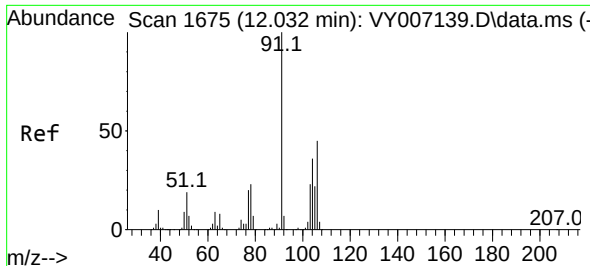
Reviewed By :John Carlone 01/25/2022
Supervised By :Mahesh Dadoda 01/25/2022



#68
m/p-Xylenes
Concen: 118.567 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY007283.D
Acq: 24 Jan 2022 20:52

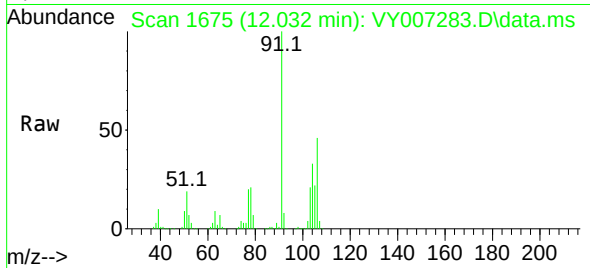
Tgt Ion:106 Resp: 221610
Ion Ratio Lower Upper
106 100
91 210.2 167.1 250.7





#69
o-Xylene
Concen: 59.749 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY007283.D
Acq: 24 Jan 2022 20:52

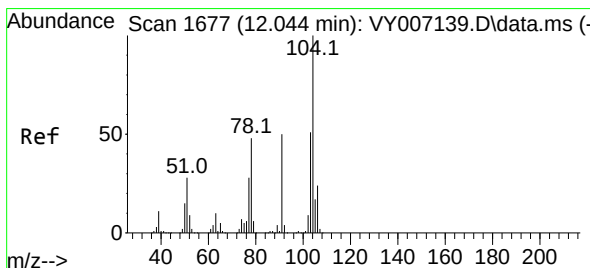
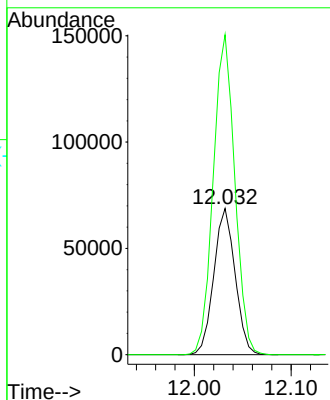
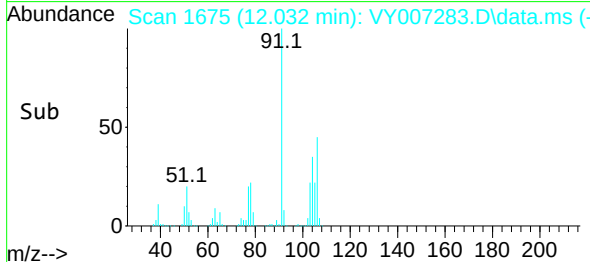
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 105160
Ion Ratio Lower Upper
106 100
91 221.2 109.9 329.6

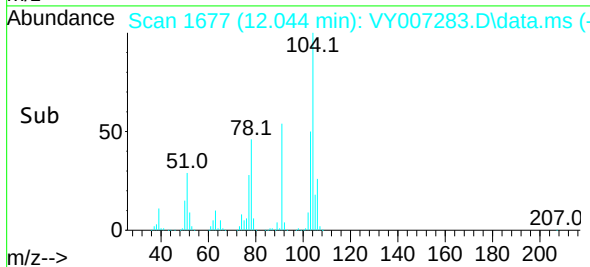
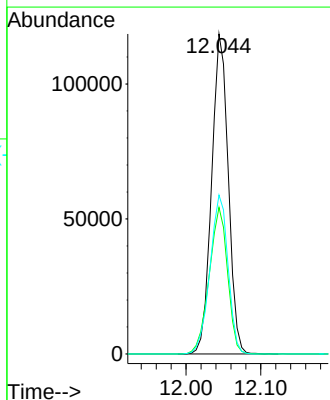
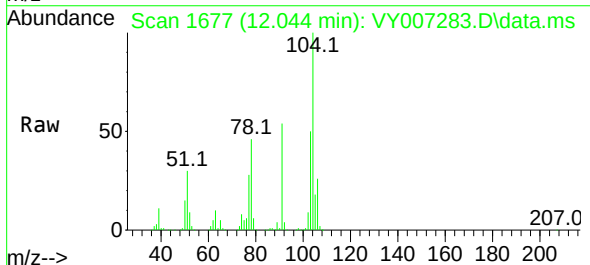
Manual Integrations
APPROVED

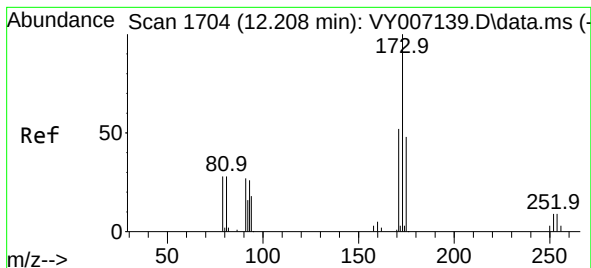
Reviewed By :John Carlone 01/25/2022
Supervised By :Mahesh Dadoda 01/25/2022



#70
Styrene
Concen: 61.727 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY007283.D
Acq: 24 Jan 2022 20:52

Tgt Ion:104 Resp: 183288
Ion Ratio Lower Upper
104 100
78 50.4 41.4 62.0
103 54.0 44.2 66.2





#71

Bromoform

Concen: 62.330 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. 0.000 min

Lab File: VY007283.D

Acq: 24 Jan 2022 20:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

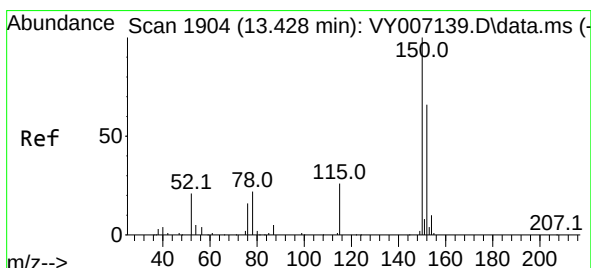
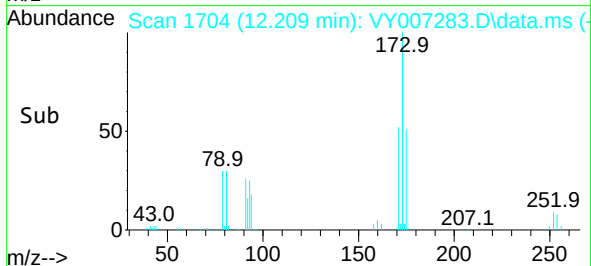
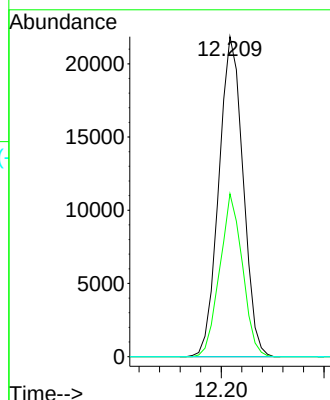
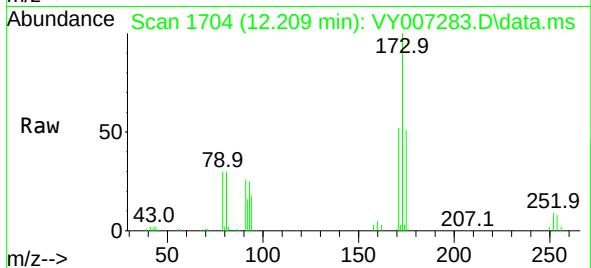
Tgt Ion:	173	Resp:	35764
Ion Ratio	Lower	Upper	
173	100		
175	47.6	24.8	74.3
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/25/2022

Supervised By :Mahesh Dadoda 01/25/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

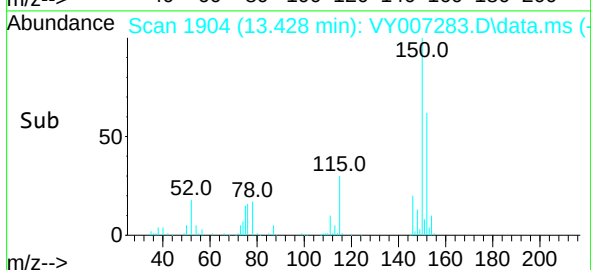
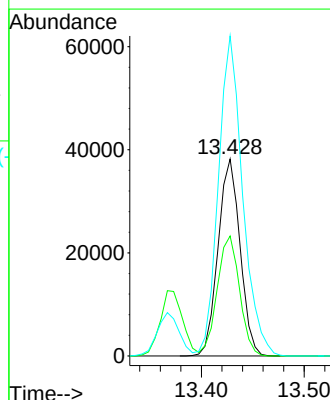
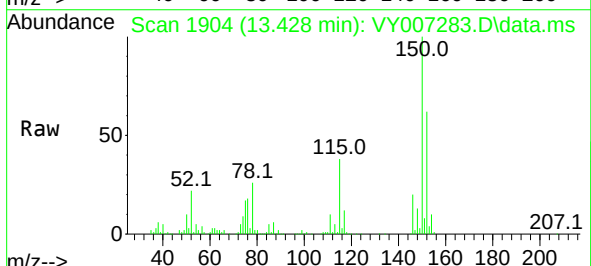
RT: 13.428 min Scan# 1904

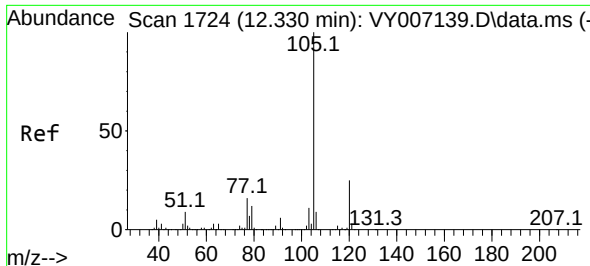
Delta R.T. 0.000 min

Lab File: VY007283.D

Acq: 24 Jan 2022 20:52

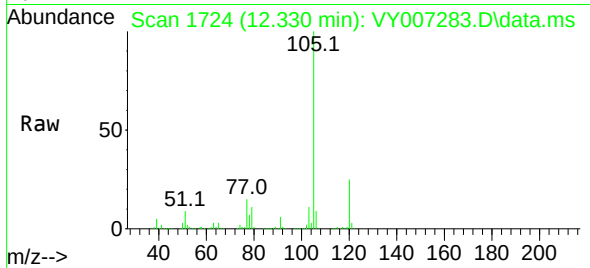
Tgt Ion:	152	Resp:	56674
Ion Ratio	Lower	Upper	
152	100		
115	61.8	31.4	94.0
150	179.5	0.0	348.4





#73
Isopropylbenzene
Concen: 57.356 ug/l
RT: 12.330 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007283.D
Acq: 24 Jan 2022 20:52

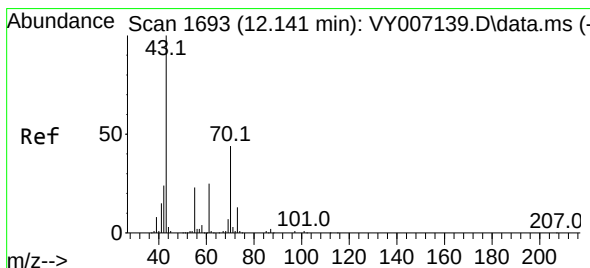
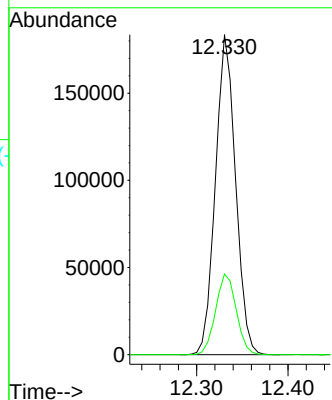
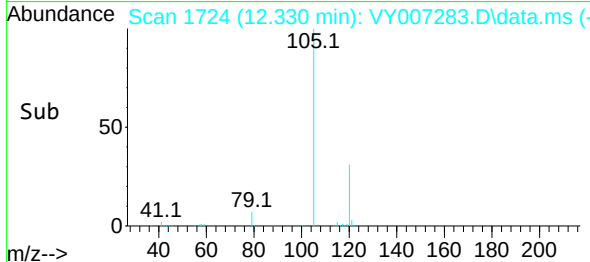
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 280750
Ion Ratio Lower Upper
105 100
120 25.9 13.1 39.1

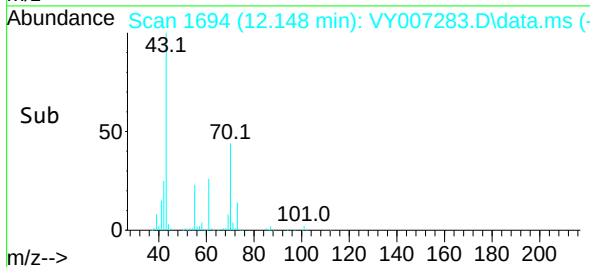
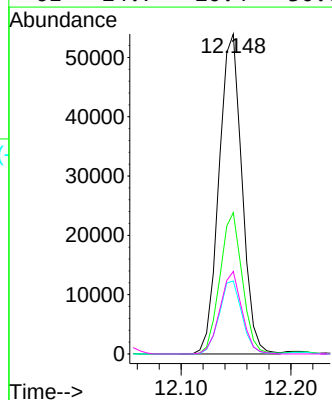
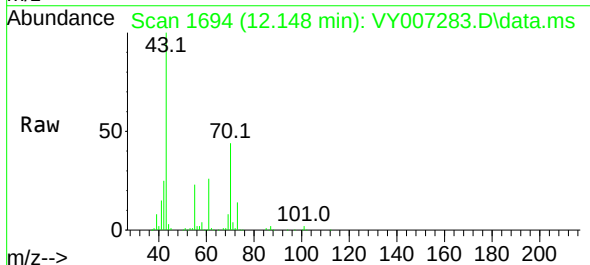
Manual Integrations
APPROVED

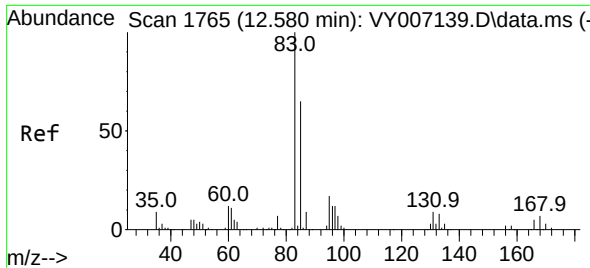
Reviewed By :John Carlone 01/25/2022
Supervised By :Mahesh Dadoda 01/25/2022



#74
N-ethyl acetate
Concen: 59.982 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VY007283.D
Acq: 24 Jan 2022 20:52

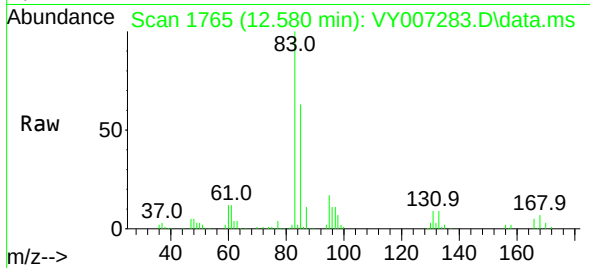
Tgt Ion: 43 Resp: 78515
Ion Ratio Lower Upper
43 100
70 42.9 36.2 54.4
55 22.7 19.0 28.4
61 24.7 20.4 30.6





#75
1,1,2,2-Tetrachloroethane
Concen: 60.853 ug/l
RT: 12.580 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY007283.D
Acq: 24 Jan 2022 20:52

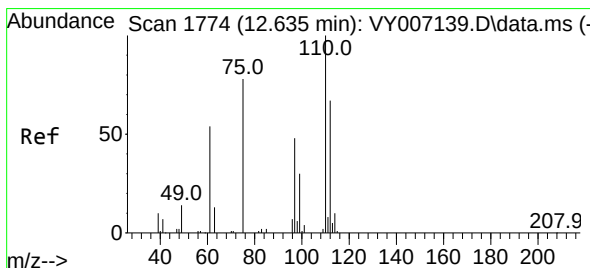
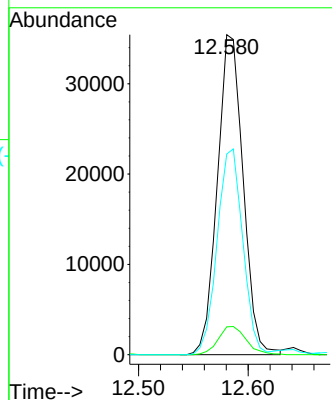
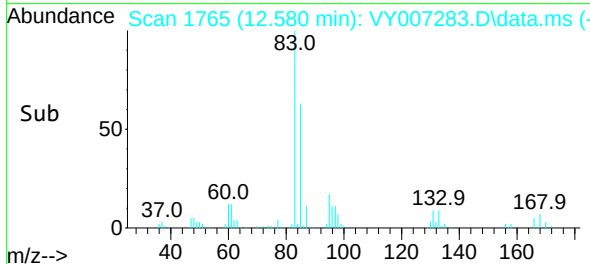
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



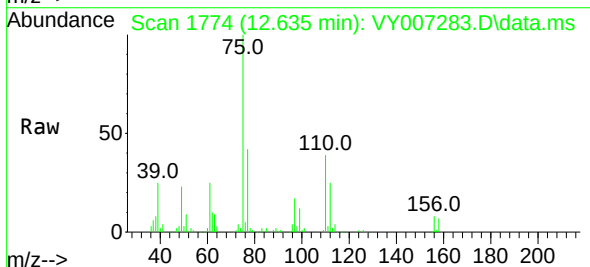
Tgt Ion: 83 Resp: 57923
Ion Ratio Lower Upper
83 100
131 9.6 5.3 16.1
85 64.0 32.4 97.2

Manual Integrations
APPROVED

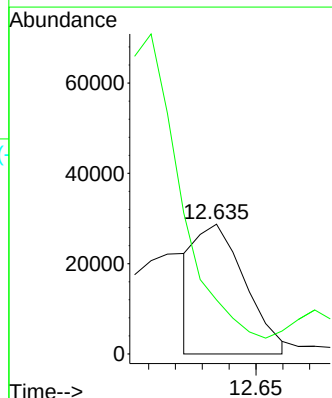
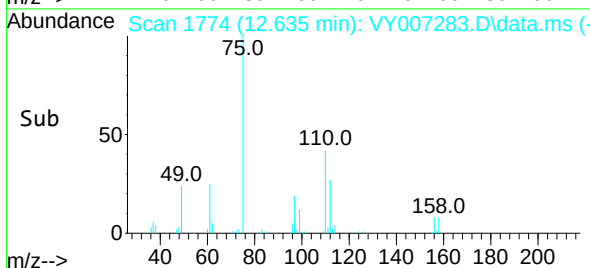
Reviewed By :John Carlone 01/25/2022
Supervised By :Mahesh Dadoda 01/25/2022

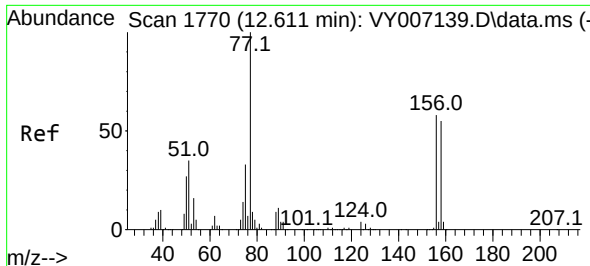


#76
1,2,3-Trichloropropane
Concen: 57.244 ug/l m
RT: 12.635 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY007283.D
Acq: 24 Jan 2022 20:52



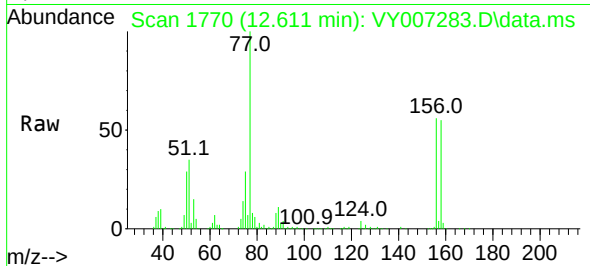
Tgt Ion: 75 Resp: 36993
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 58.684 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY007283.D
Acq: 24 Jan 2022 20:52

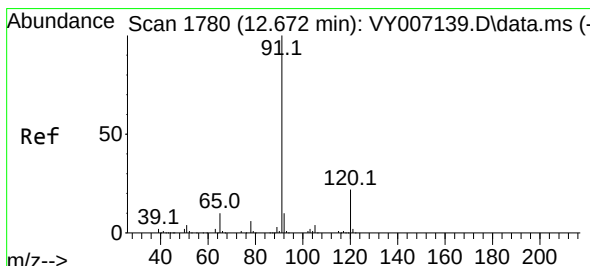
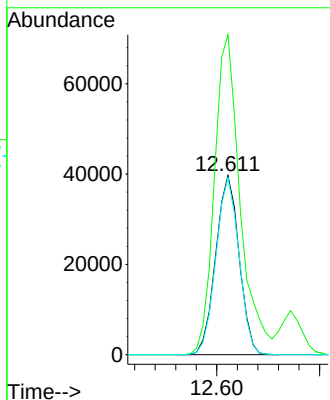
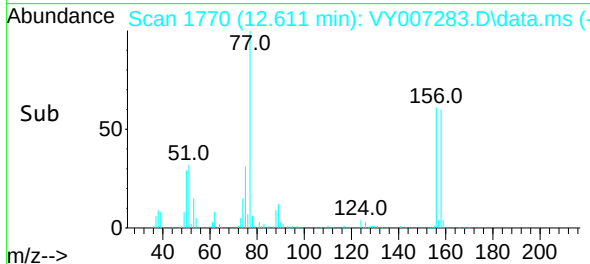
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



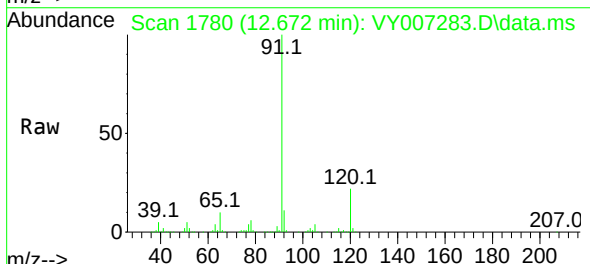
Tgt Ion: 156 Resp: 62500
Ion Ratio Lower Upper
156 100
77 197.3 98.7 296.1
158 97.4 48.4 145.2

Manual Integrations
APPROVED

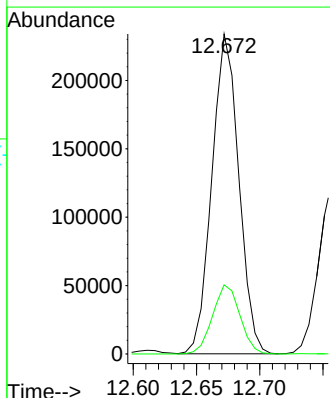
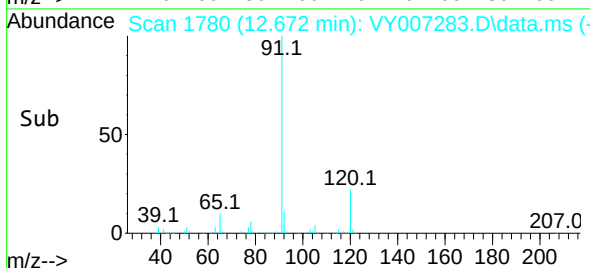
Reviewed By :John Carlone 01/25/2022
Supervised By :Mahesh Dadoda 01/25/2022

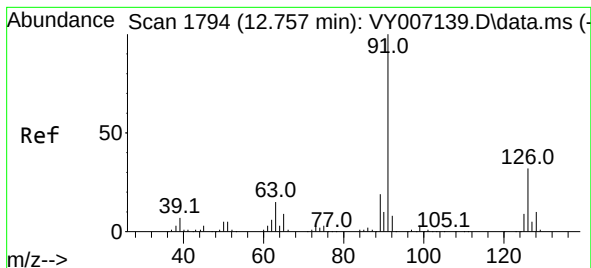


#78
n-propylbenzene
Concen: 57.021 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY007283.D
Acq: 24 Jan 2022 20:52



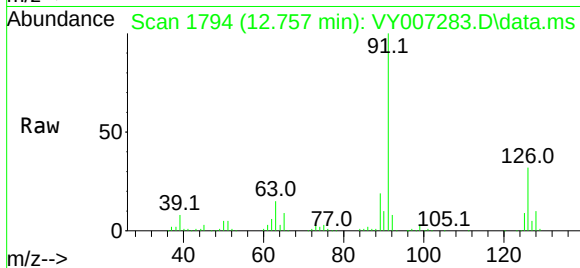
Tgt Ion: 91 Resp: 346003
Ion Ratio Lower Upper
91 100
120 21.9 11.2 33.5





#79
2-Chlorotoluene
Concen: 57.718 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY007283.D
Acq: 24 Jan 2022 20:52

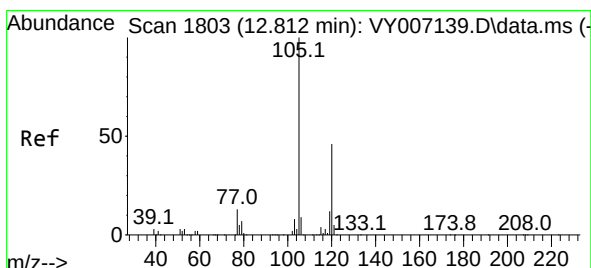
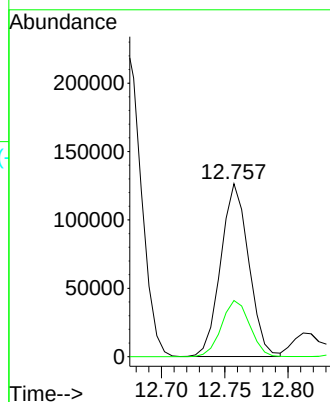
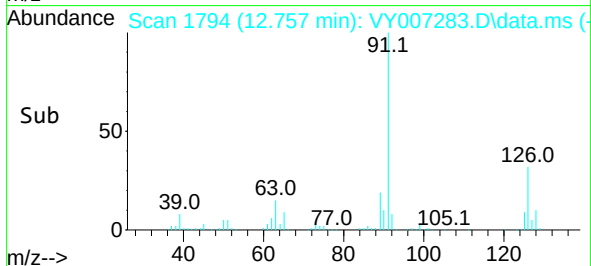
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



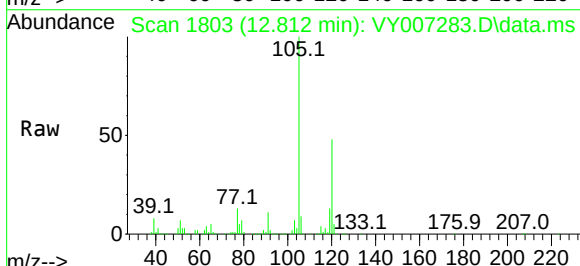
Tgt Ion: 91 Resp: 194730
Ion Ratio Lower Upper
91 100
126 32.8 16.4 49.1

Manual Integrations
APPROVED

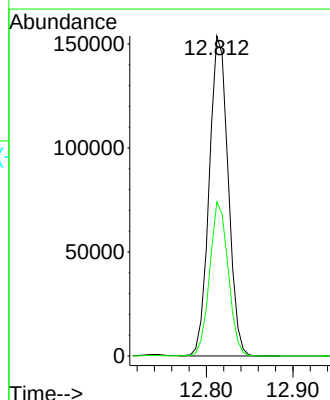
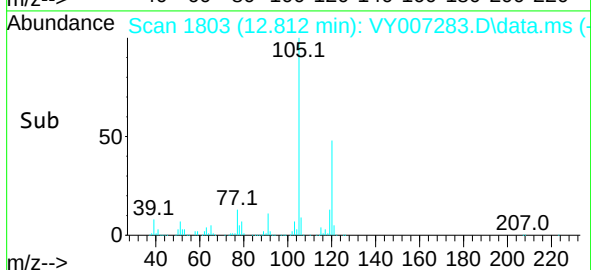
Reviewed By :John Carlone 01/25/2022
Supervised By :Mahesh Dadoda 01/25/2022

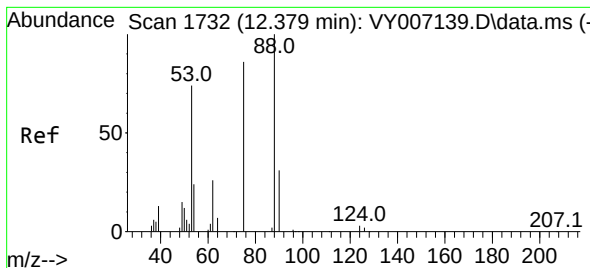


#80
1,3,5-Trimethylbenzene
Concen: 58.003 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY007283.D
Acq: 24 Jan 2022 20:52



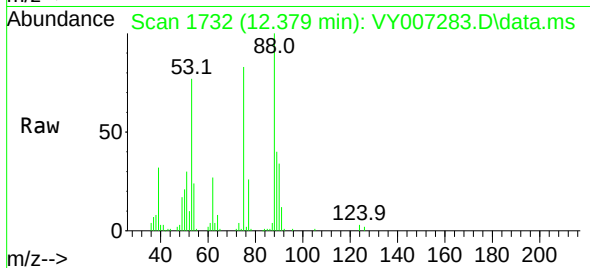
Tgt Ion:105 Resp: 233123
Ion Ratio Lower Upper
105 100
120 47.2 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 57.859 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY007283.D
Acq: 24 Jan 2022 20:52

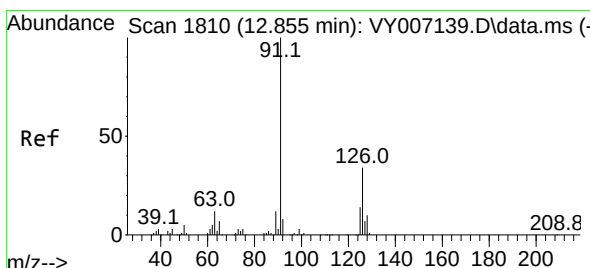
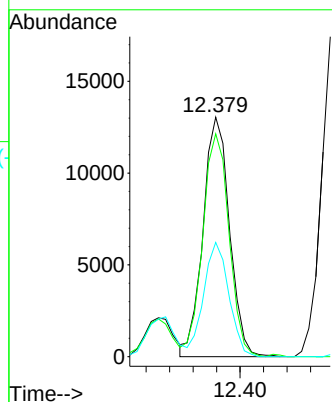
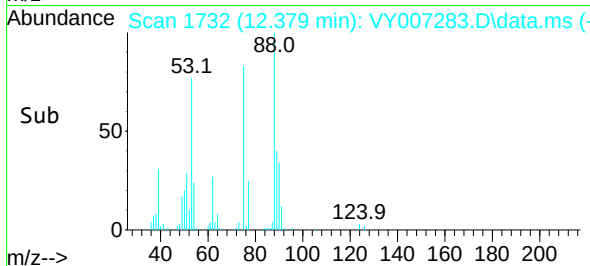
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



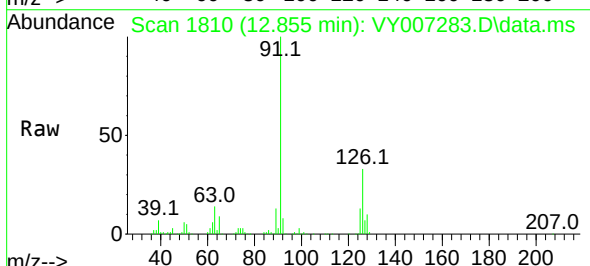
Tgt Ion: 75 Resp: 20424
Ion Ratio Lower Upper
75 100
53 92.4 73.9 110.9
89 45.3 0.0 0.0

Manual Integrations
APPROVED

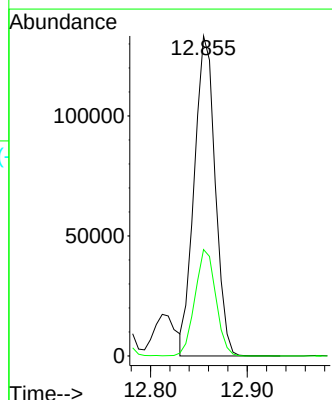
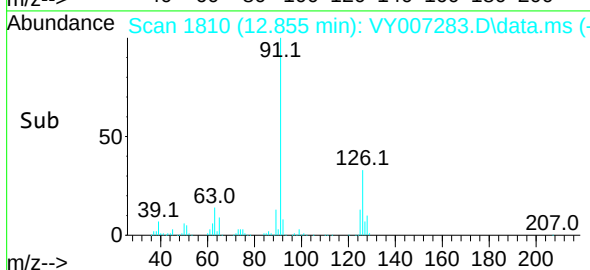
Reviewed By :John Carlone 01/25/2022
Supervised By :Mahesh Dadoda 01/25/2022

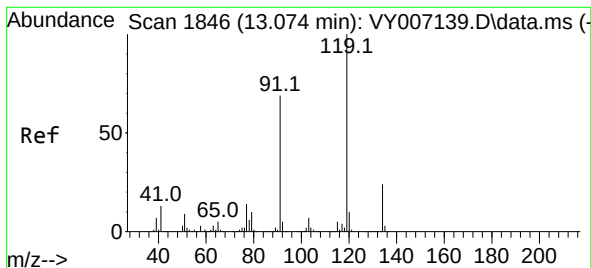


#82
4-Chlorotoluene
Concen: 56.916 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY007283.D
Acq: 24 Jan 2022 20:52



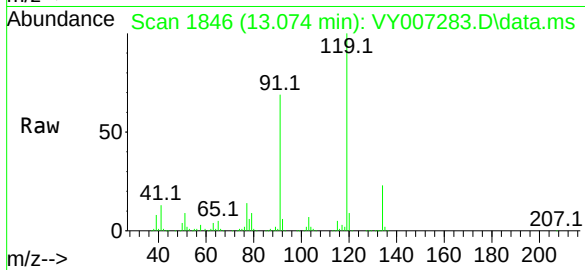
Tgt Ion: 91 Resp: 200307
Ion Ratio Lower Upper
91 100
126 33.2 16.3 48.9





#83
tert-Butylbenzene
Concen: 57.874 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY007283.D
Acq: 24 Jan 2022 20:52

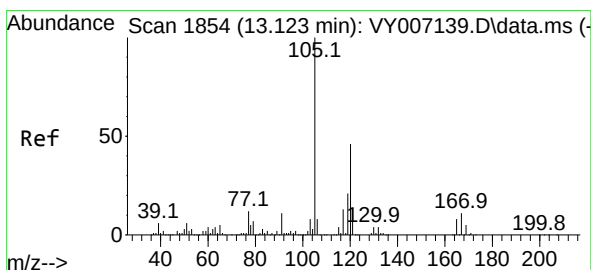
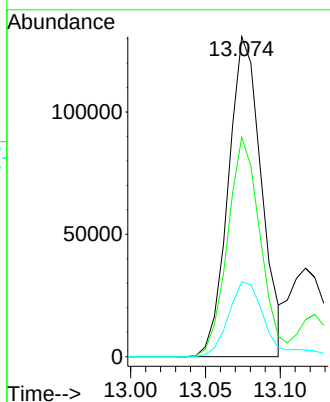
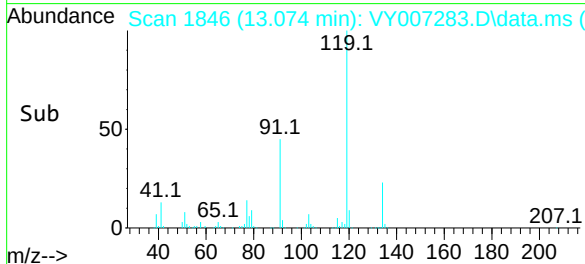
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



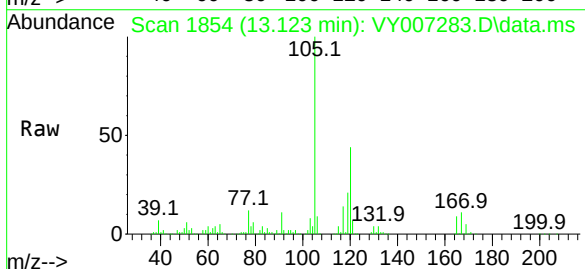
Tgt Ion:119 Resp: 200990
Ion Ratio Lower Upper
119 100
91 67.8 33.1 99.5
134 26.2 12.9 38.7

Manual Integrations
APPROVED

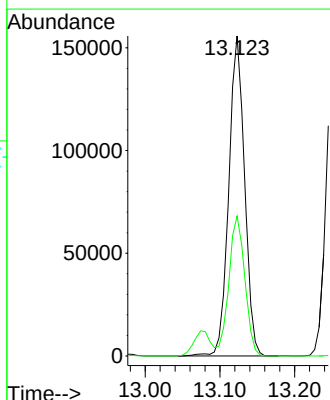
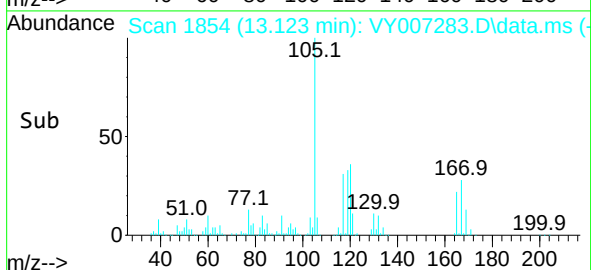
Reviewed By :John Carlone 01/25/2022
Supervised By :Mahesh Dadoda 01/25/2022

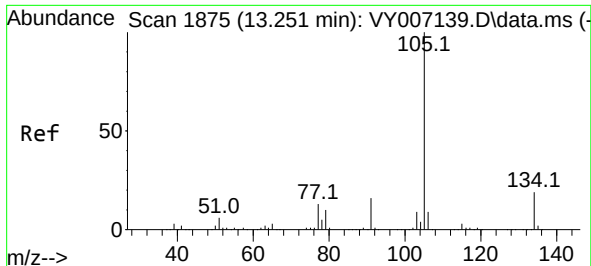


#84
1,2,4-Trimethylbenzene
Concen: 57.589 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY007283.D
Acq: 24 Jan 2022 20:52



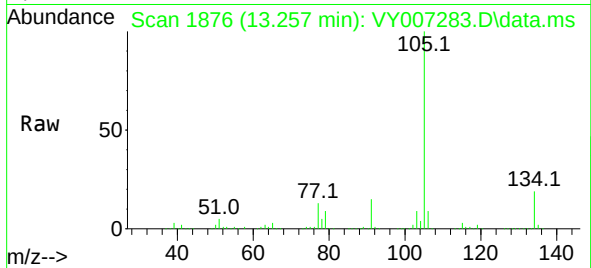
Tgt Ion:105 Resp: 229425
Ion Ratio Lower Upper
105 100
120 44.2 21.6 64.6





#85
 sec-Butylbenzene
 Concen: 57.238 ug/l
 RT: 13.257 min Scan# 1875
 Delta R.T. 0.006 min
 Lab File: VY007283.D
 Acq: 24 Jan 2022 20:52

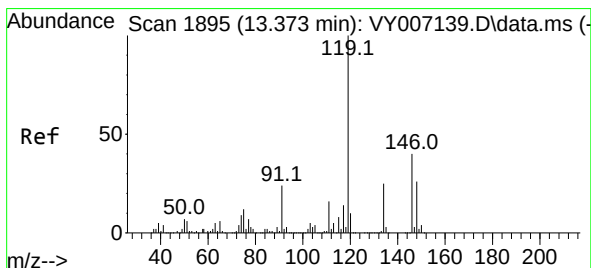
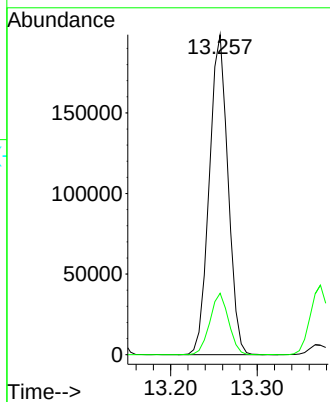
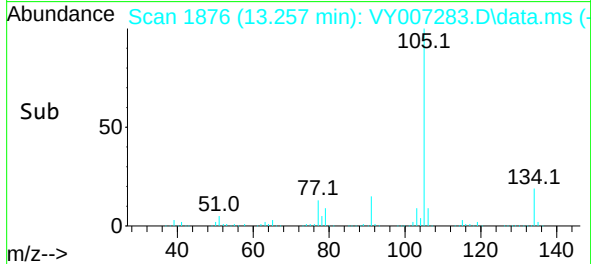
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:105 Resp: 297380
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.9 29.7

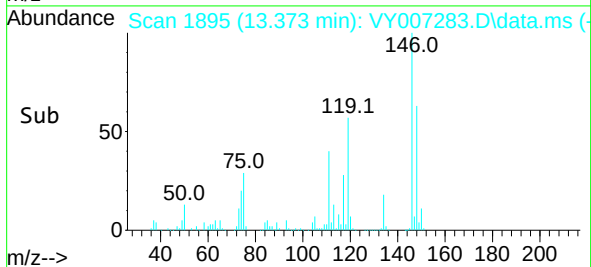
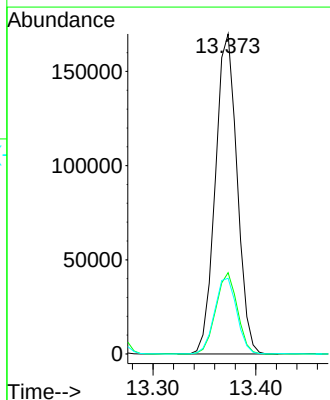
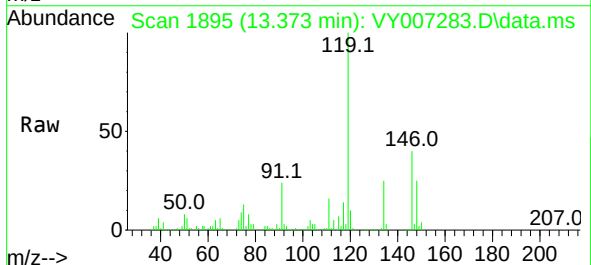
Manual Integrations
 APPROVED

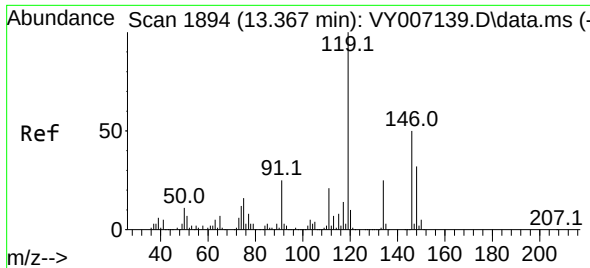
Reviewed By :John Carlone 01/25/2022
 Supervised By :Mahesh Dadoda 01/25/2022



#86
 p-Isopropyltoluene
 Concen: 58.281 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: VY007283.D
 Acq: 24 Jan 2022 20:52

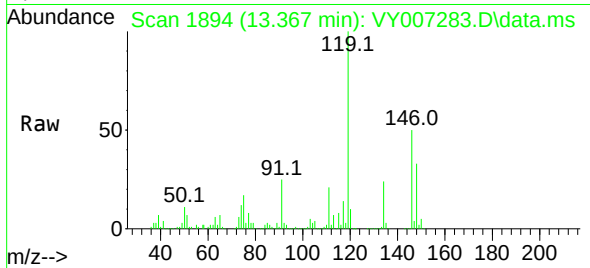
Tgt Ion:119 Resp: 248837
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.9 38.7
 91 24.4 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 58.235 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY007283.D
Acq: 24 Jan 2022 20:52

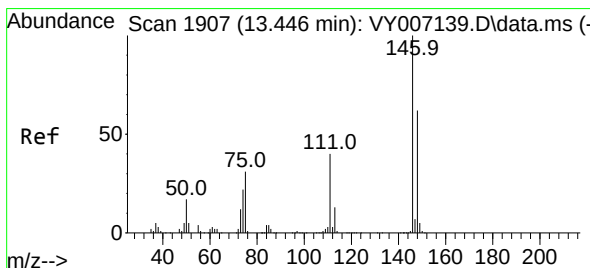
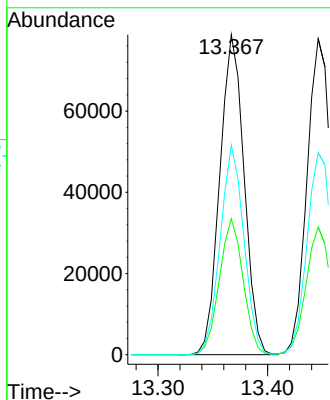
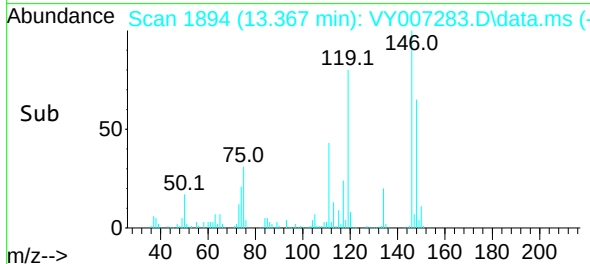
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



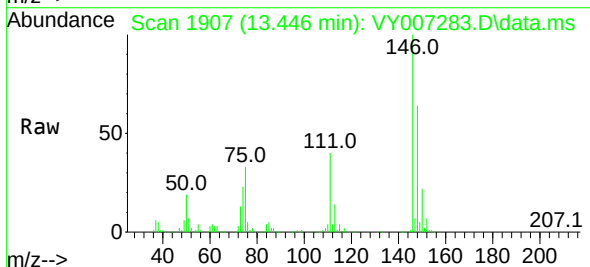
Tgt Ion:146 Resp: 121407
Ion Ratio Lower Upper
146 100
111 41.6 21.1 63.1
148 63.9 31.9 95.7

Manual Integrations
APPROVED

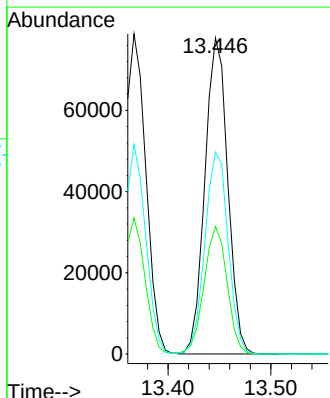
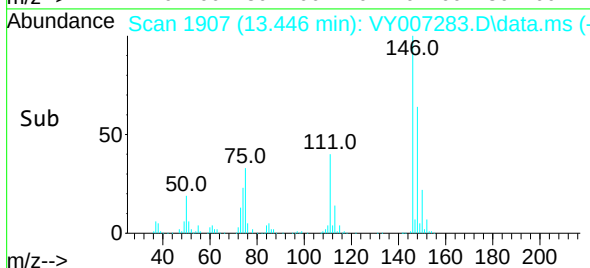
Reviewed By :John Carlone 01/25/2022
Supervised By :Mahesh Dadoda 01/25/2022

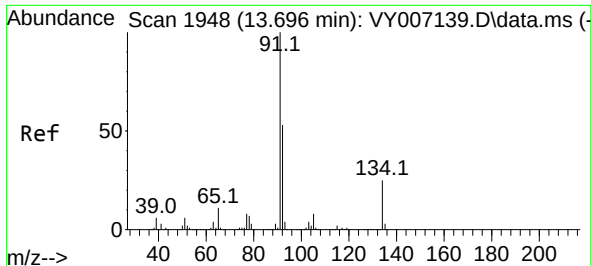


#88
1,4-Dichlorobenzene
Concen: 57.325 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY007283.D
Acq: 24 Jan 2022 20:52



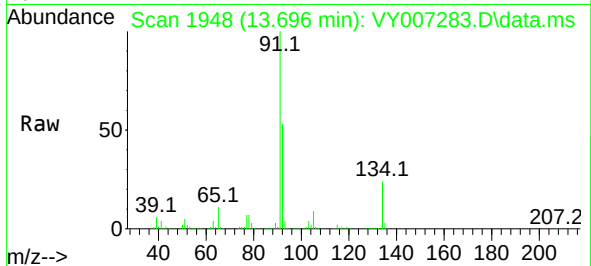
Tgt Ion:146 Resp: 120173
Ion Ratio Lower Upper
146 100
111 40.7 20.7 62.1
148 65.2 32.0 96.2





#89
n-Butylbenzene
Concen: 57.516 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY007283.D
Acq: 24 Jan 2022 20:52

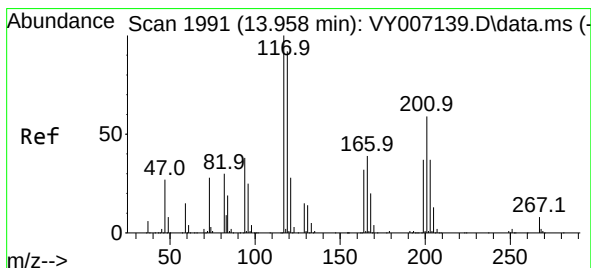
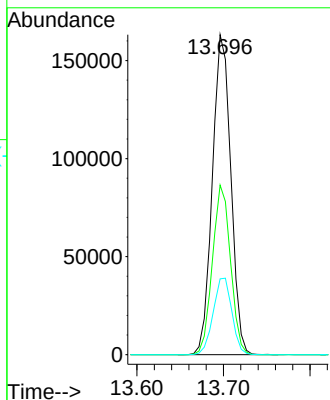
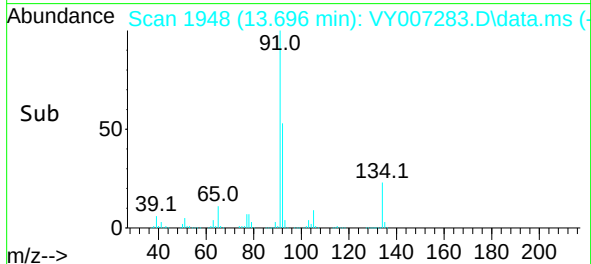
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 241798
Ion Ratio Lower Upper
91 100
92 51.9 26.9 80.6
134 24.3 12.6 37.6

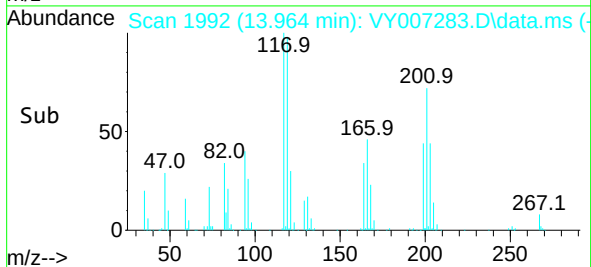
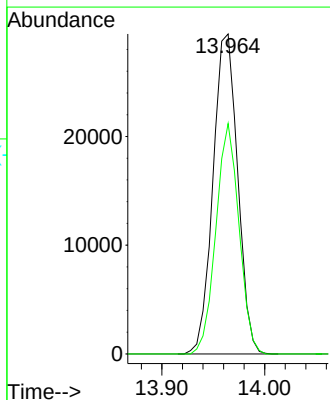
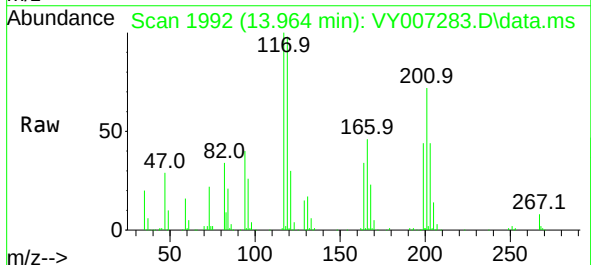
Manual Integrations
APPROVED

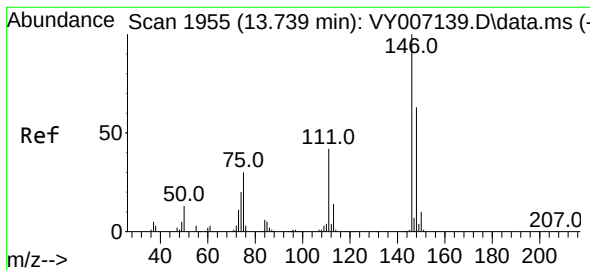
Reviewed By :John Carlone 01/25/2022
Supervised By :Mahesh Dadoda 01/25/2022



#90
Hexachloroethane
Concen: 58.654 ug/l
RT: 13.964 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY007283.D
Acq: 24 Jan 2022 20:52

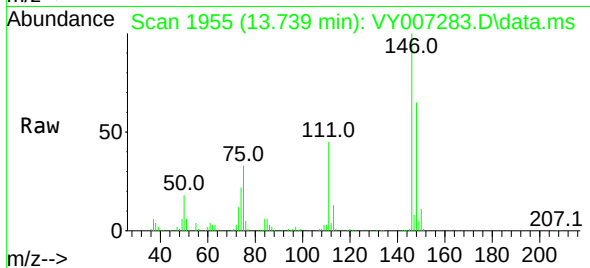
Tgt Ion:117 Resp: 48959
Ion Ratio Lower Upper
117 100
201 67.3 33.6 100.6





#91
1,2-Dichlorobenzene
Concen: 58.366 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY007283.D
Acq: 24 Jan 2022 20:52

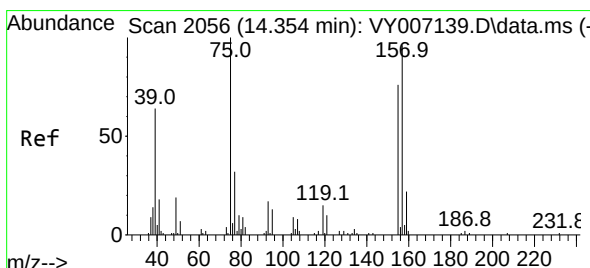
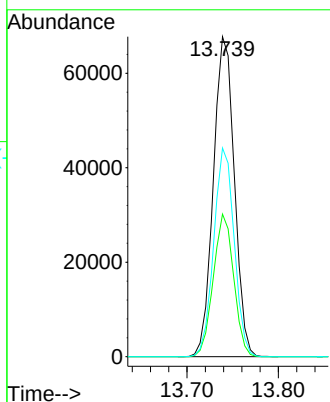
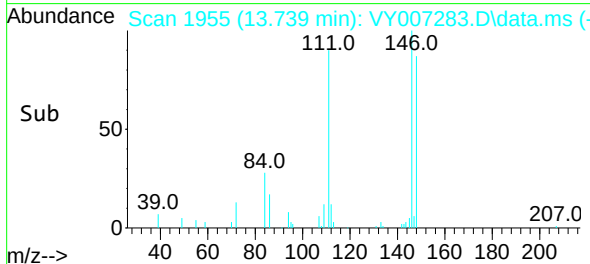
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 10826
Ion Ratio Lower Upper
146 100
111 43.2 21.4 64.3
148 63.5 31.1 93.5

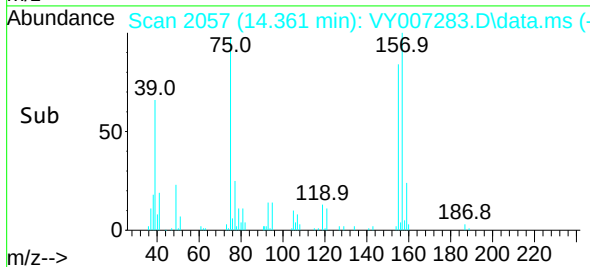
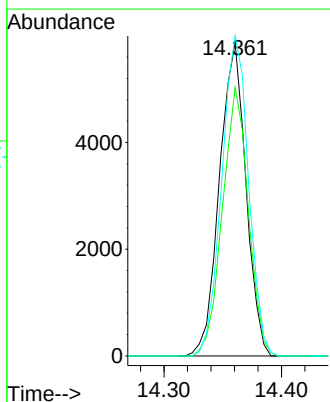
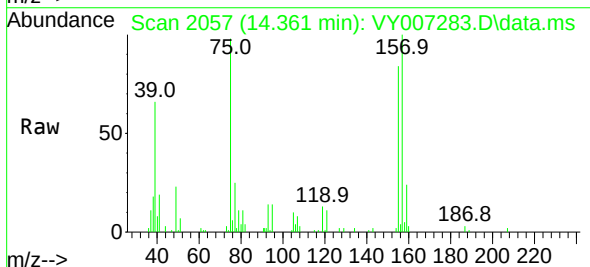
Manual Integrations
APPROVED

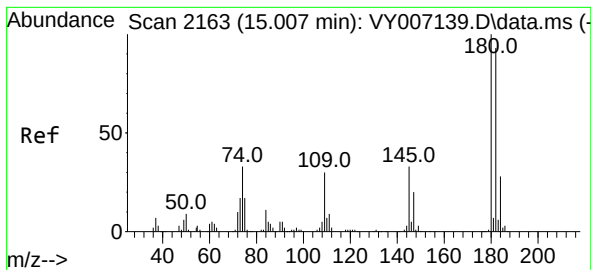
Reviewed By :John Carlone 01/25/2022
Supervised By :Mahesh Dadoda 01/25/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 55.853 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY007283.D
Acq: 24 Jan 2022 20:52

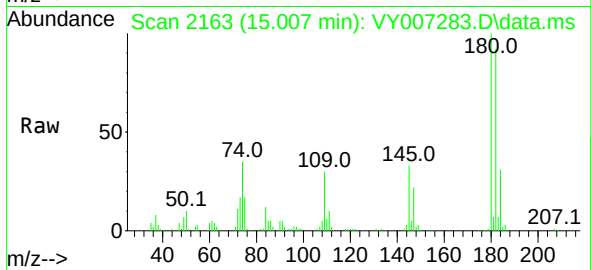
Tgt Ion: 75 Resp: 9182
Ion Ratio Lower Upper
75 100
155 83.8 40.1 120.2
157 103.5 51.7 155.2





#93
1,2,4-Trichlorobenzene
Concen: 59.336 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY007283.D
Acq: 24 Jan 2022 20:52

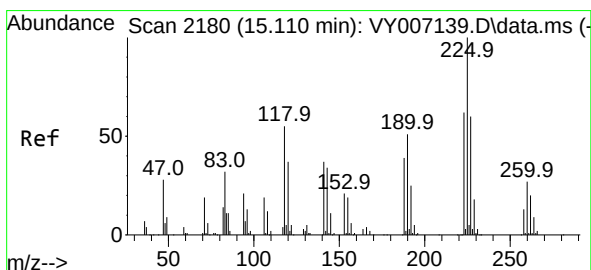
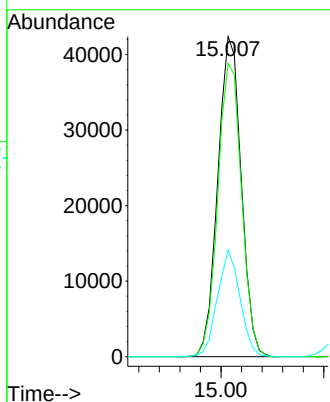
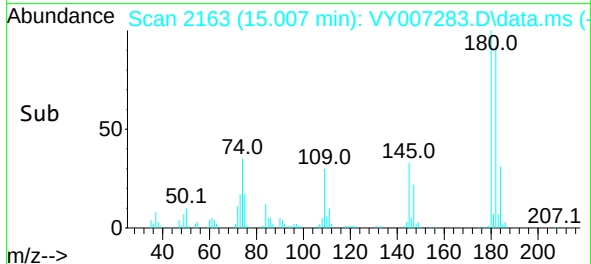
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



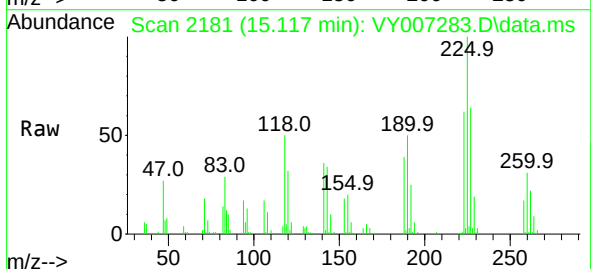
Tgt Ion:180 Resp: 66932
Ion Ratio Lower Upper
180 100
182 93.0 47.6 142.8
145 32.1 16.4 49.1

Manual Integrations
APPROVED

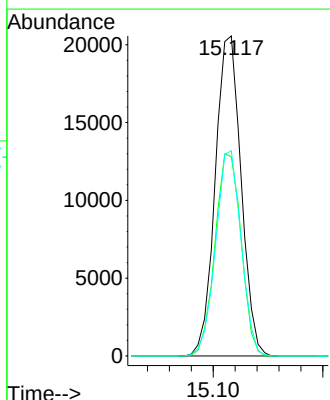
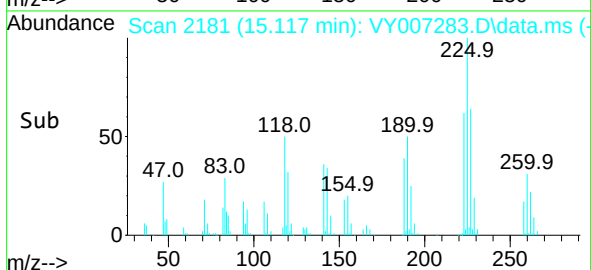
Reviewed By :John Carlone 01/25/2022
Supervised By :Mahesh Dadoda 01/25/2022

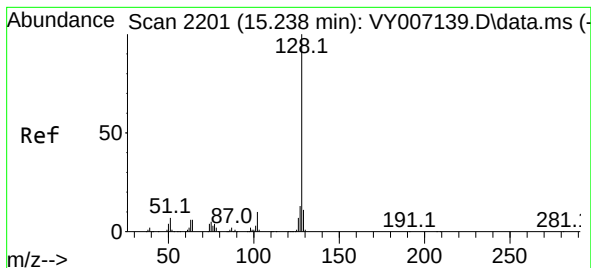


#94
Hexachlorobutadiene
Concen: 57.958 ug/l
RT: 15.117 min Scan# 2181
Delta R.T. 0.006 min
Lab File: VY007283.D
Acq: 24 Jan 2022 20:52



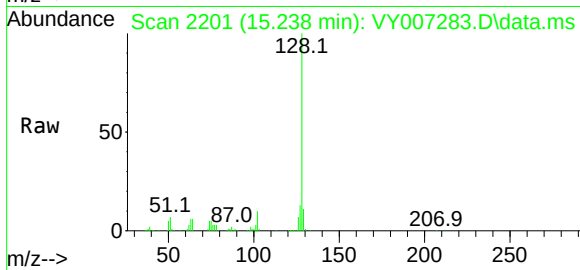
Tgt Ion:225 Resp: 33694
Ion Ratio Lower Upper
225 100
223 63.6 32.6 97.8
227 63.2 32.0 96.2





#95
Naphthalene
Concen: 60.695 ug/l
RT: 15.238 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY007283.D
Acq: 24 Jan 2022 20:52

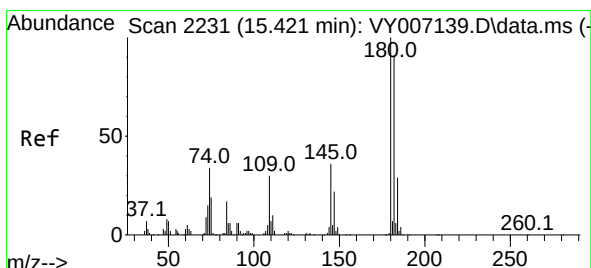
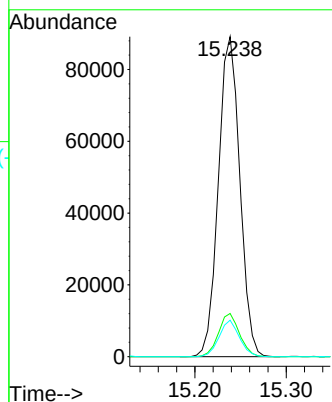
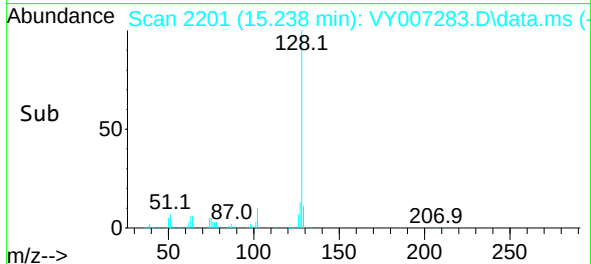
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



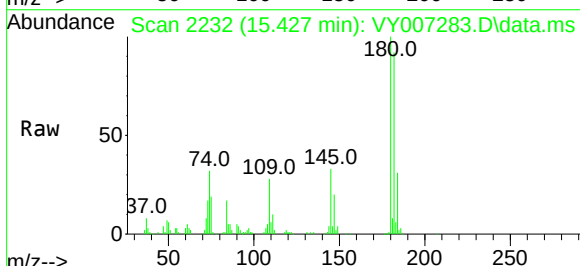
Tgt Ion:128 Resp: 145410
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 10.8 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/25/2022
Supervised By :Mahesh Dadoda 01/25/2022



#96
1,2,3-Trichlorobenzene
Concen: 59.275 ug/l
RT: 15.427 min Scan# 2232
Delta R.T. 0.006 min
Lab File: VY007283.D
Acq: 24 Jan 2022 20:52



Tgt Ion:180 Resp: 57044
Ion Ratio Lower Upper
180 100
182 94.3 47.3 141.8
145 34.5 17.2 51.5

