

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010522\
 Data File : VY007015.D
 Acq On : 05 Jan 2022 12:51
 Operator : SY/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

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

Quant Time: Jan 06 04:29:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 06 04:16:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	198348	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	332168	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	289297	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	131914	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	44920	20.208	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	40.420%#		
35) Dibromofluoromethane	7.722	113	42315	22.274	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	44.540%#		
50) Toluene-d8	10.185	98	158875	20.485	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	40.980%#		
62) 4-Bromofluorobenzene	12.483	95	59613	22.258	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	44.520%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.918	85	11247	6.197	ug/l	87
3) Chloromethane	2.119	50	25451	11.614	ug/l	96
4) Vinyl Chloride	2.259	62	33623	13.243	ug/l	95
5) Bromomethane	2.662	94	21268	12.747	ug/l	99
6) Chloroethane	2.802	64	20280	13.608	ug/l	98
7) Trichlorofluoromethane	3.125	101	39281	11.976	ug/l	96
8) Diethyl Ether	3.533	74	23454	19.792	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.911	101	41849	21.410	ug/l	97
10) Methyl Iodide	4.094	142	64531	28.006	ug/l	100
11) Tert butyl alcohol	4.954	59	19266	99.963	ug/l	94
12) 1,1-Dichloroethene	3.875	96	43014	21.563	ug/l	97
13) Acrolein	3.735	56	6427	60.027	ug/l	100
14) Allyl chloride	4.484	41	67006	18.328	ug/l	99
15) Acrylonitrile	5.167	53	58332	94.133	ug/l	99
16) Acetone	3.948	43	43436	76.384	ug/l	98
17) Carbon Disulfide	4.198	76	124145	19.109	ug/l	99
18) Methyl Acetate	4.478	43	41421	20.022	ug/l	100
19) Methyl tert-butyl Ether	5.228	73	83711	15.804	ug/l	99
20) Methylene Chloride	4.722	84	80612	31.473	ug/l	99
21) trans-1,2-Dichloroethene	5.228	96	45712	20.796	ug/l	97
22) Diisopropyl ether	6.124	45	130943	18.201	ug/l	97
23) Vinyl Acetate	6.063	43	394270	90.556	ug/l	99
24) 1,1-Dichloroethane	6.021	63	79726	20.010	ug/l	97
25) 2-Butanone	6.990	43	70889	87.436	ug/l	99
26) 2,2-Dichloropropane	6.990	77	60016	17.171	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	51862	21.131	ug/l	98
28) Bromochloromethane	7.338	49	25498	15.491	ug/l	99
29) Tetrahydrofuran	7.350	42	50001	92.869	ug/l	99
30) Chloroform	7.508	83	83758	20.865	ug/l	95
31) Cyclohexane	7.789	56	78359	18.854	ug/l	97
32) 1,1,1-Trichloroethane	7.709	97	74501	20.315	ug/l	99
36) 1,1-Dichloropropene	7.923	75	65141	18.950	ug/l	99
37) Ethyl Acetate	7.075	43	33974	17.351	ug/l	98
38) Carbon Tetrachloride	7.905	117	69201	19.149	ug/l	95
39) Methylcyclohexane	9.185	83	86016	19.840	ug/l	99
40) Benzene	8.167	78	179351	18.572	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	18818m	15.055	ug/l	
42) 1,2-Dichloroethane	8.240	62	54936	17.882	ug/l	100
43) Isopropyl Acetate	8.276	43	66390	17.723	ug/l	99
44) Trichloroethene	8.947	130	50409	19.905	ug/l	95
45) 1,2-Dichloropropane	9.221	63	43725	18.399	ug/l	98
46) Dibromomethane	9.307	93	27037	20.926	ug/l	97
47) Bromodichloromethane	9.502	83	63982	19.428	ug/l	98
48) Methyl methacrylate	9.294	41	31490	17.644	ug/l	100
49) 1,4-Dioxane	9.301	88	5298	332.826	ug/l #	77
51) 4-Methyl-2-Pentanone	10.075	43	167280	86.782	ug/l	99
52) Toluene	10.246	92	116110	19.265	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	69027	19.268	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	78047	19.831	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	36803	20.360	ug/l	97
56) Ethyl methacrylate	10.514	69	53327	19.624	ug/l	100
57) 1,3-Dichloropropane	10.794	76	63246	19.477	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.788	63	122374	93.939	ug/l	99
59) 2-Hexanone	10.837	43	111781	83.687	ug/l	98
60) Dibromochloromethane	10.989	129	44649	20.277	ug/l	99
61) 1,2-Dibromoethane	11.093	107	36870	21.278	ug/l	100
64) Tetrachloroethene	10.721	164	40276	17.152	ug/l	99
65) Chlorobenzene	11.520	112	121183	20.332	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	44428	20.340	ug/l	99
67) Ethyl Benzene	11.599	91	226573	20.243	ug/l	98
68) m/p-Xylenes	11.709	106	172559	40.582	ug/l	99
69) o-Xylene	12.032	106	81181	20.261	ug/l	100
70) Styrene	12.050	104	138773	20.401	ug/l	99
71) Bromoform	12.215	173	26868	19.870	ug/l #	98
73) Isopropylbenzene	12.337	105	219432	21.938	ug/l	98
74) N-amyl acetate	12.148	43	58174	19.386	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	42858	23.301	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	31407m	22.784	ug/l	
77) Bromobenzene	12.611	156	47202	20.348	ug/l	97
78) n-propylbenzene	12.672	91	263803	21.446	ug/l	99
79) 2-Chlorotoluene	12.757	91	150021	21.876	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	180953	21.700	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	16481	23.254	ug/l #	97
82) 4-Chlorotoluene	12.861	91	157138	22.172	ug/l	100
83) tert-Butylbenzene	13.080	119	159978	22.279	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	178424	21.688	ug/l	100
85) sec-Butylbenzene	13.257	105	232843	21.651	ug/l	99
86) p-Isopropyltoluene	13.373	119	192744	21.372	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	92211	20.256	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	93338	20.706	ug/l	99
89) n-Butylbenzene	13.702	91	184544	21.392	ug/l	100
90) Hexachloroethane	13.964	117	38092	22.847	ug/l	97
91) 1,2-Dichlorobenzene	13.745	146	82375	20.644	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	7568	21.896	ug/l	97
93) 1,2,4-Trichlorobenzene	15.013	180	50109	19.315	ug/l	100
94) Hexachlorobutadiene	15.117	225	26401	16.196	ug/l	99
95) Naphthalene	15.239	128	111900	21.166	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	42664	18.610	ug/l	97

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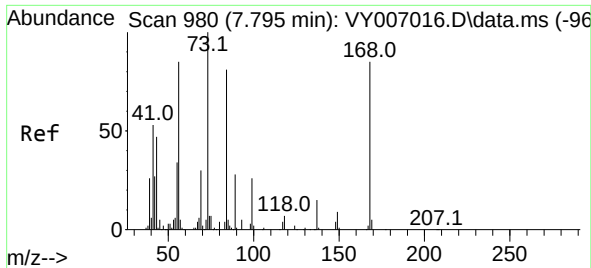
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Thu Jan 06 04:16:58 2022
Response via : Initial Calibration

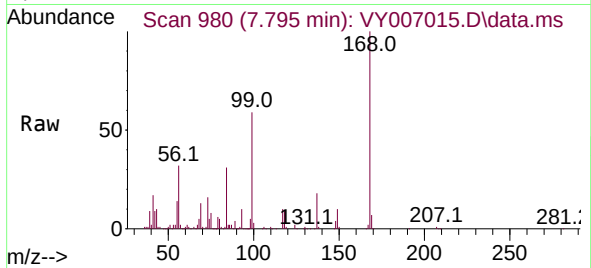
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
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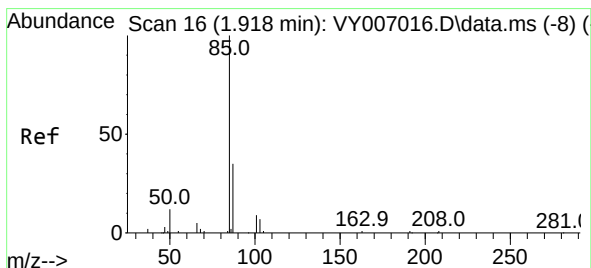
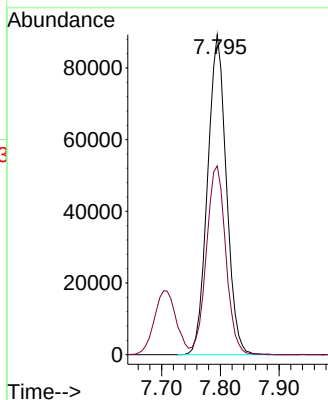
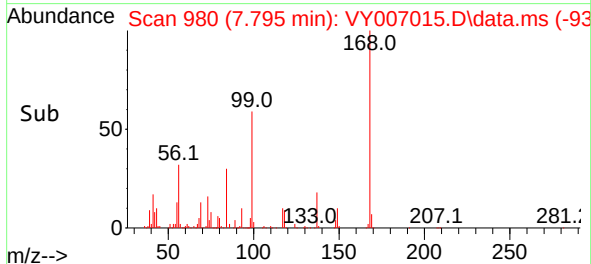
Instrument :
MSVOA_Y
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Tgt Ion:168 Resp: 19834
Ion Ratio Lower Upper
168 100
99 59.0 48.9 73.3

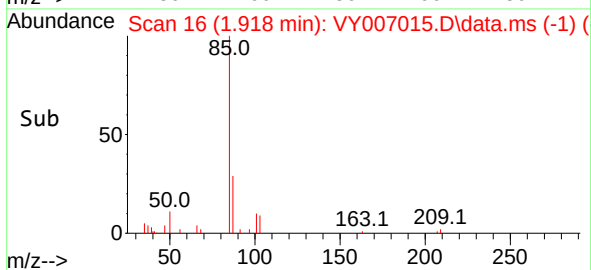
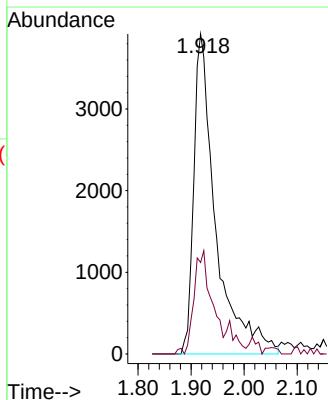
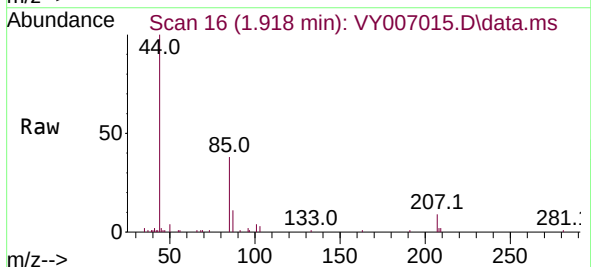
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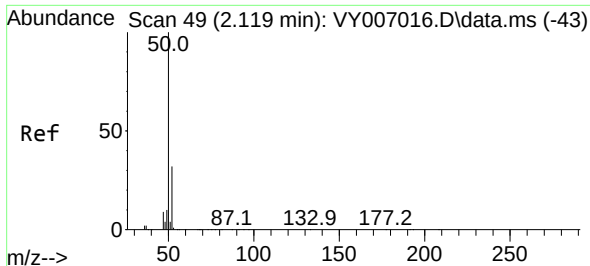
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/06/2022



#2
Dichlorodifluoromethane
Concen: 6.197 ug/l
RT: 1.918 min Scan# 16
Delta R.T. -0.000 min
Lab File: VY007015.D
Acq: 05 Jan 2022 12:51

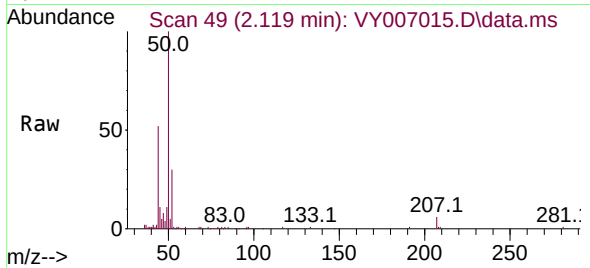
Tgt Ion: 85 Resp: 11247
Ion Ratio Lower Upper
85 100
87 27.2 17.5 52.5





#3
Chloromethane
Concen: 11.614 ug/l
RT: 2.119 min Scan# 49
Delta R.T. -0.000 min
Lab File: VY007015.D
Acq: 05 Jan 2022 12:51

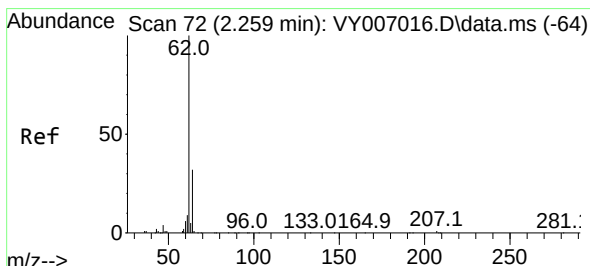
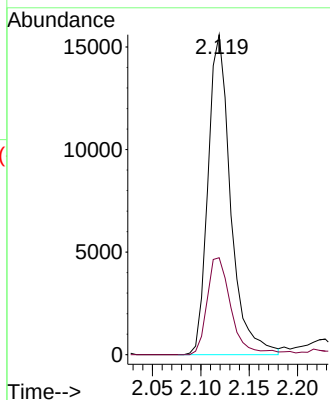
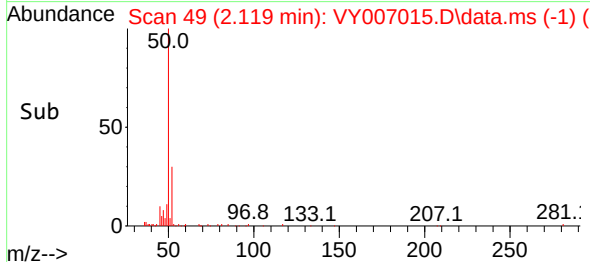
Instrument :
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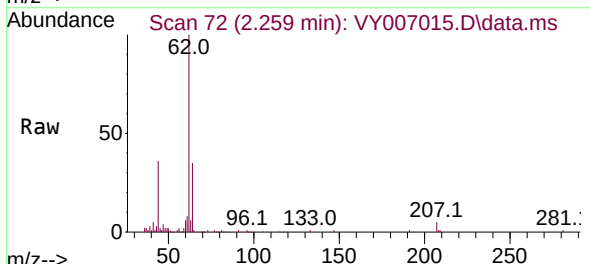
Tgt Ion: 50 Resp: 2545
Ion Ratio Lower Upper
50 100
52 30.3 25.8 38.8

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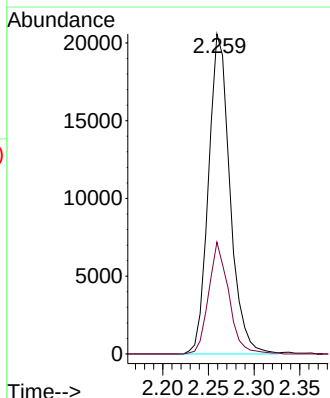
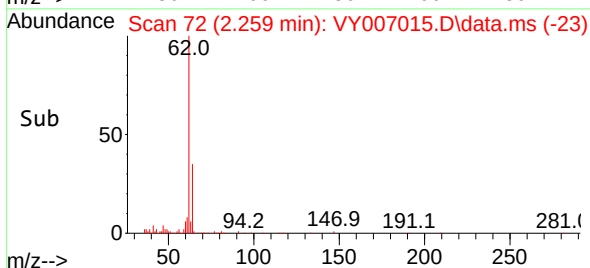
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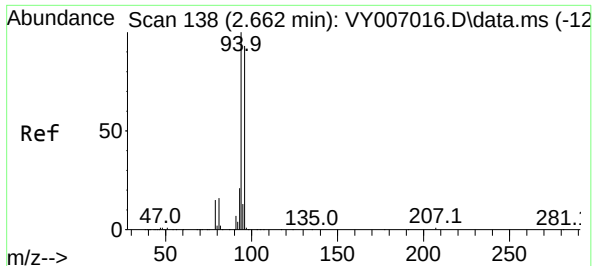


#4
Vinyl Chloride
Concen: 13.243 ug/l
RT: 2.259 min Scan# 72
Delta R.T. -0.000 min
Lab File: VY007015.D
Acq: 05 Jan 2022 12:51



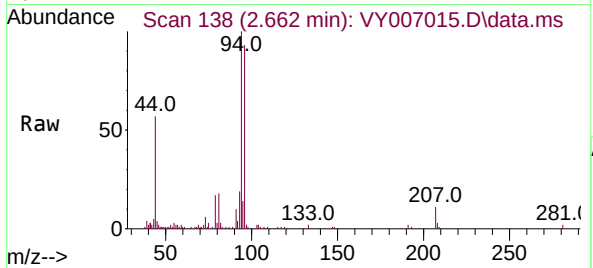
Tgt Ion: 62 Resp: 33623
Ion Ratio Lower Upper
62 100
64 34.9 25.8 38.6





#5
Bromomethane
Concen: 12.747 ug/l
RT: 2.662 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007015.D
Acq: 05 Jan 2022 12:51

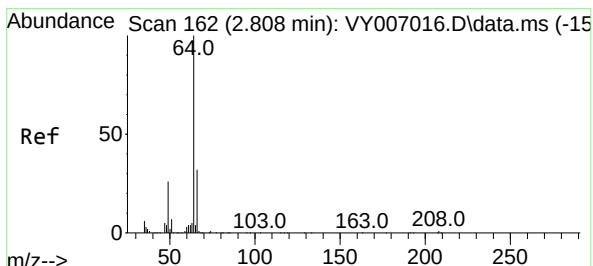
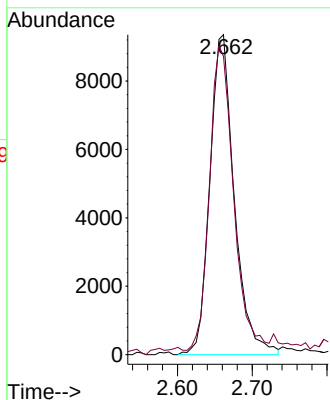
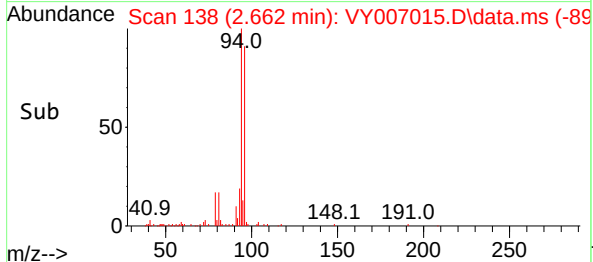
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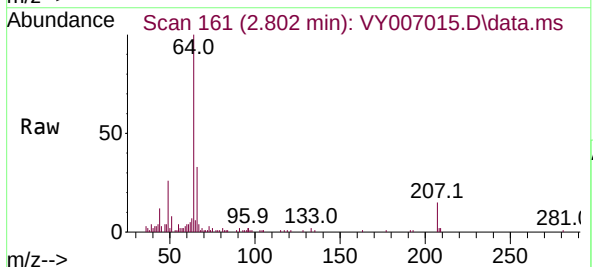
Tgt Ion: 94 Resp: 21268
Ion Ratio Lower Upper
94 100
96 90.9 73.8 110.6

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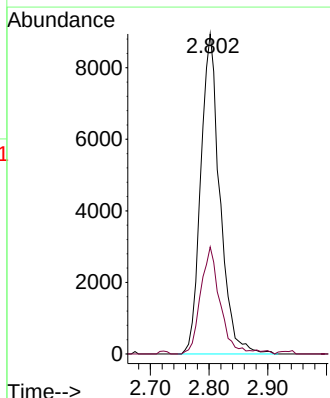
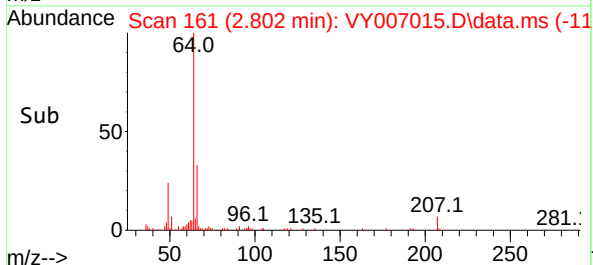
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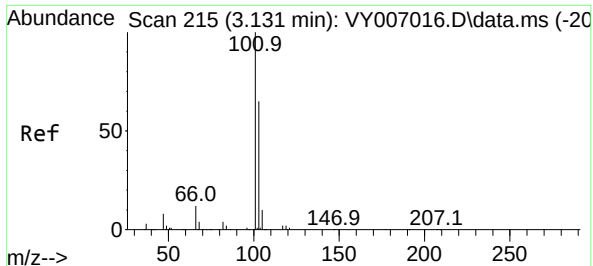


#6
Chloroethane
Concen: 13.608 ug/l
RT: 2.802 min Scan# 161
Delta R.T. -0.006 min
Lab File: VY007015.D
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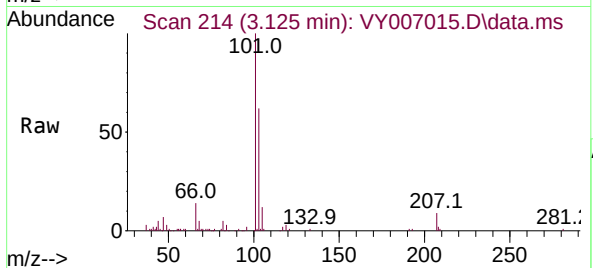
Tgt Ion: 64 Resp: 20280
Ion Ratio Lower Upper
64 100
66 33.5 25.8 38.6





#7
Trichlorofluoromethane
Concen: 11.976 ug/l
RT: 3.125 min Scan# 215
Delta R.T. -0.006 min
Lab File: VY007015.D
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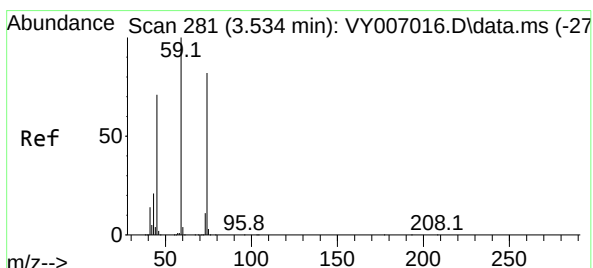
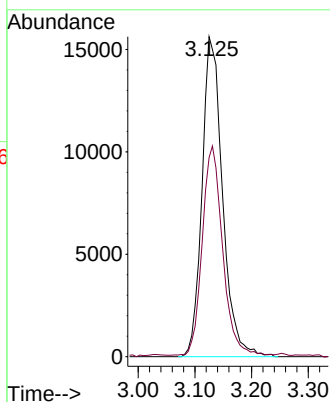
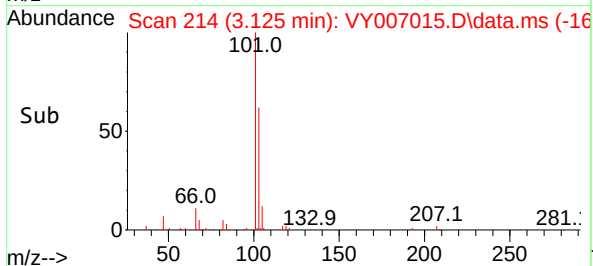
Instrument :
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Tgt Ion:101 Resp: 3928
Ion Ratio Lower Upper
101 100
103 61.7 51.7 77.5

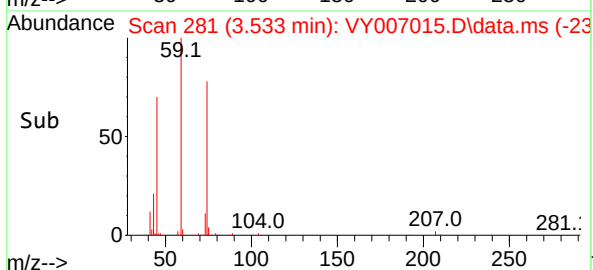
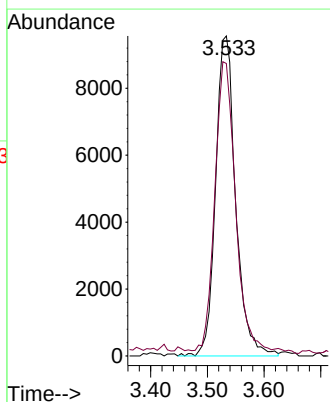
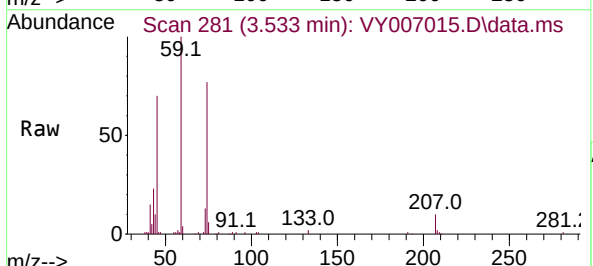
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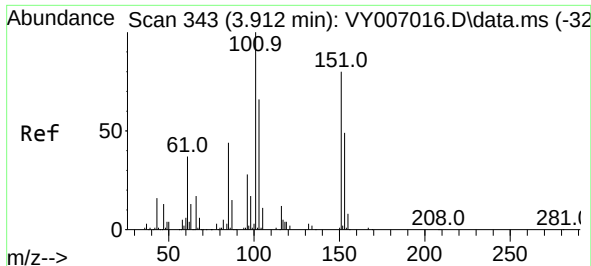
Reviewed By :John Carlone 01/06/2022
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#8
Diethyl Ether
Concen: 19.792 ug/l
RT: 3.533 min Scan# 281
Delta R.T. -0.000 min
Lab File: VY007015.D
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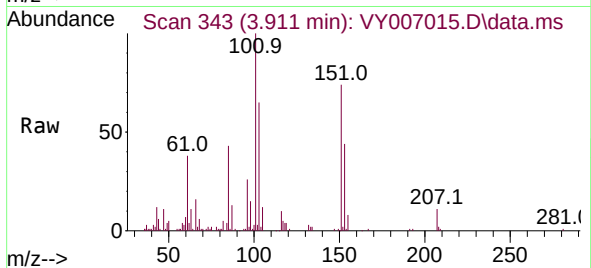
Tgt Ion: 74 Resp: 23454
Ion Ratio Lower Upper
74 100
45 92.1 44.8 134.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.410 ug/l
RT: 3.911 min Scan# 343
Delta R.T. -0.000 min
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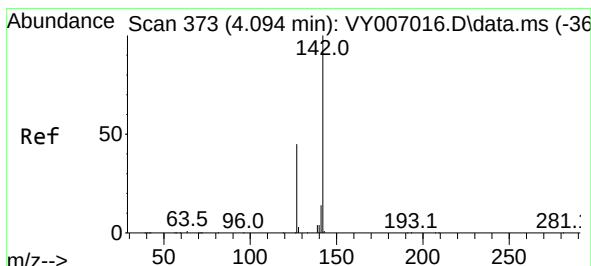
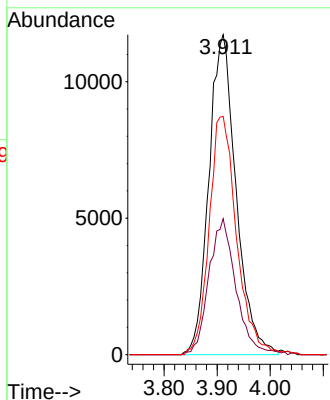
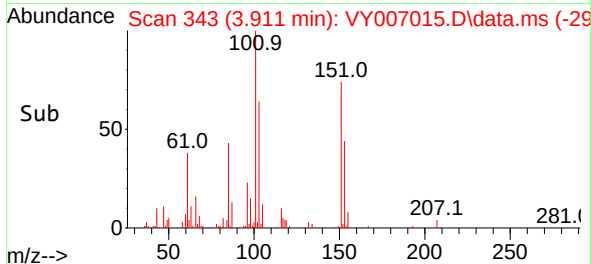
Instrument :
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ClientSampleId :
VSTDIC020



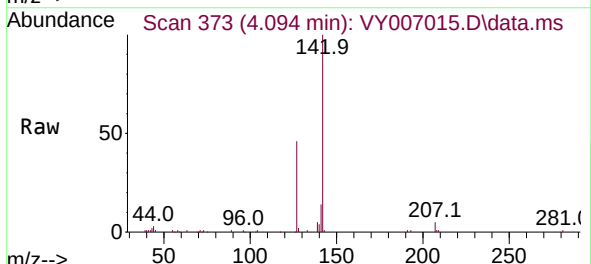
Tgt Ion:101 Resp: 41849
Ion Ratio Lower Upper
101 100
85 42.2 35.4 53.0
151 75.2 61.8 92.6

Manual Integrations
APPROVED

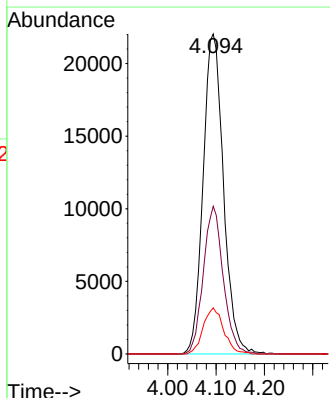
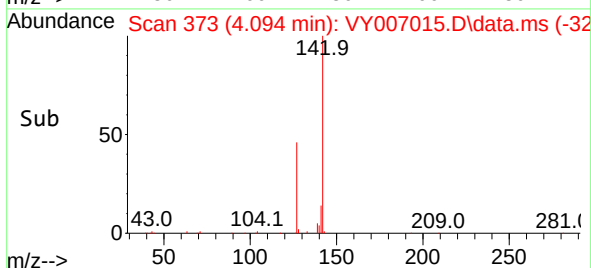
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/06/2022

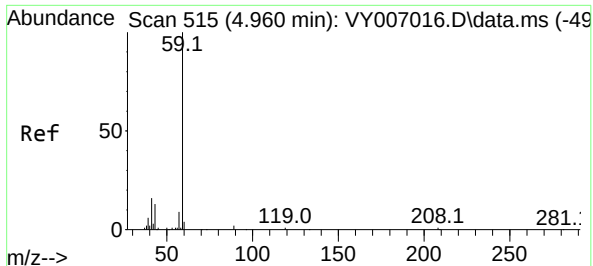


#10
Methyl Iodide
Concen: 28.006 ug/l
RT: 4.094 min Scan# 373
Delta R.T. -0.000 min
Lab File: VY007015.D
Acq: 05 Jan 2022 12:51



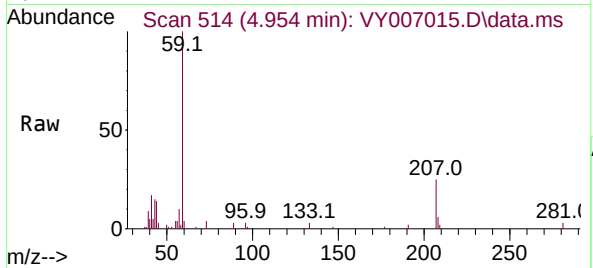
Tgt Ion:142 Resp: 64531
Ion Ratio Lower Upper
142 100
127 45.2 36.1 54.1
141 14.5 11.5 17.3





#11
Tert butyl alcohol
Concen: 99.963 ug/l
RT: 4.954 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY007015.D
Acq: 05 Jan 2022 12:51

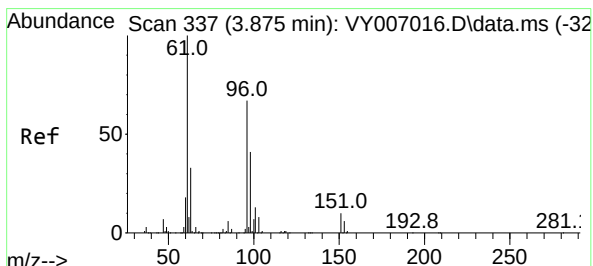
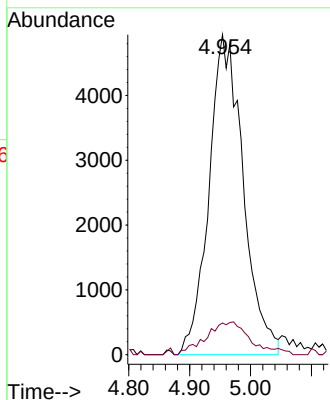
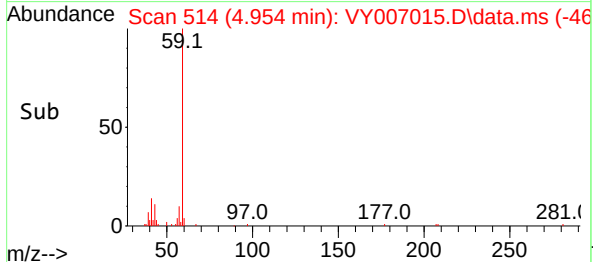
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



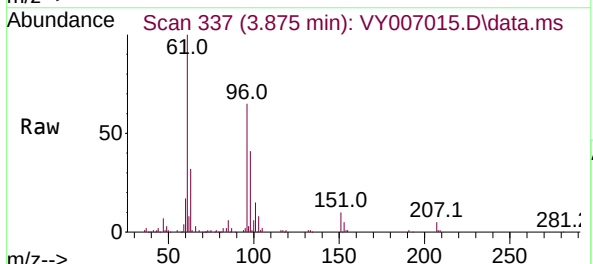
Tgt Ion: 59 Resp: 19260
Ion Ratio Lower Upper
59 100
57 13.3 8.9 13.3

Manual Integrations
APPROVED

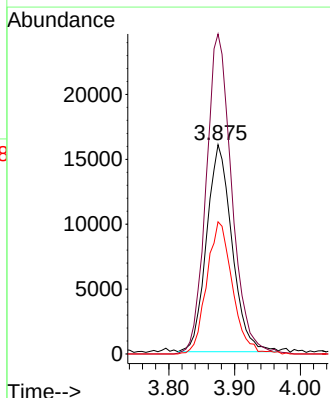
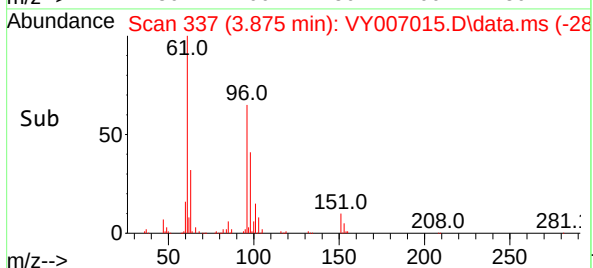
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/06/2022

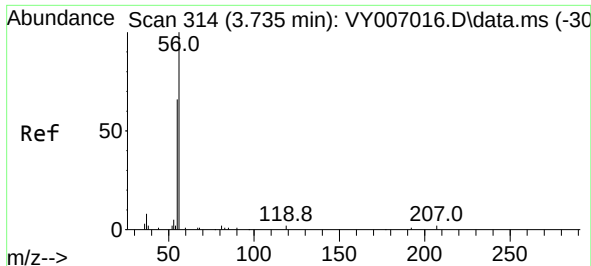


#12
1,1-Dichloroethene
Concen: 21.563 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.000 min
Lab File: VY007015.D
Acq: 05 Jan 2022 12:51



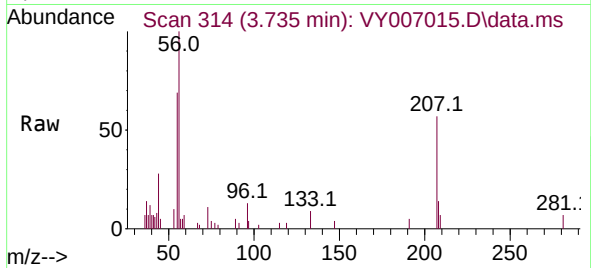
Tgt Ion: 96 Resp: 43014
Ion Ratio Lower Upper
96 100
61 154.2 120.2 180.2
98 63.9 49.0 73.4





#13
Acrolein
Concen: 60.027 ug/l
RT: 3.735 min Scan# 314
Delta R.T. -0.000 min
Lab File: VY007015.D
Acq: 05 Jan 2022 12:51

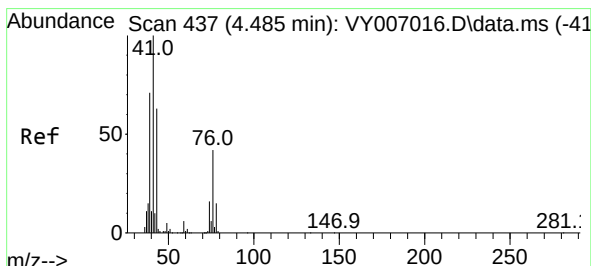
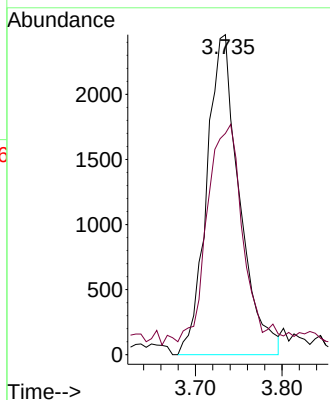
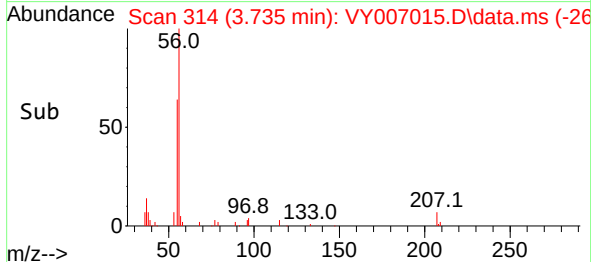
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



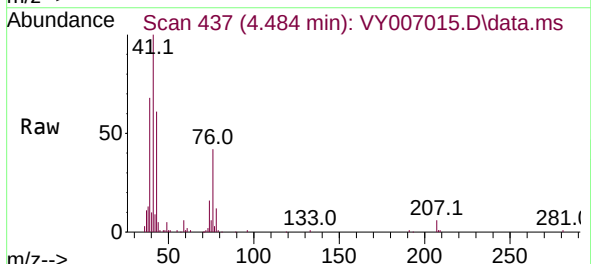
Tgt Ion: 56 Resp: 642
Ion Ratio Lower Upper
56 100
55 68.5 54.6 82.0

Manual Integrations
APPROVED

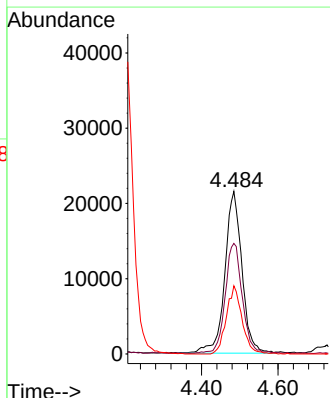
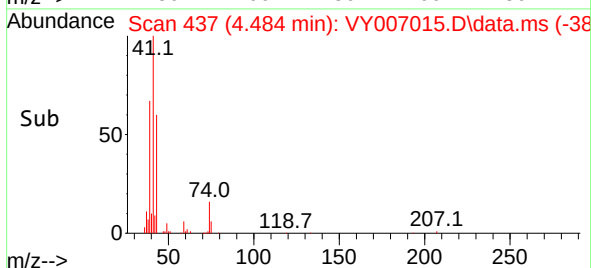
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/06/2022

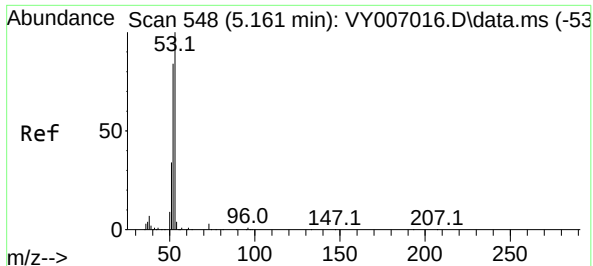


#14
Allyl chloride
Concen: 18.328 ug/l
RT: 4.484 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY007015.D
Acq: 05 Jan 2022 12:51



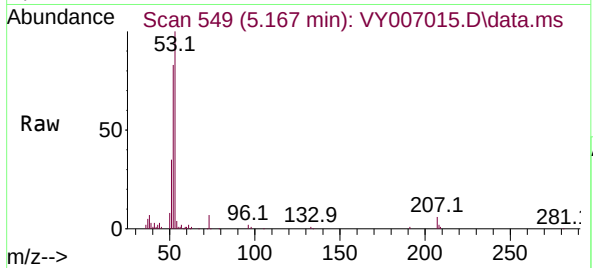
Tgt Ion: 41 Resp: 67006
Ion Ratio Lower Upper
41 100
39 66.7 54.3 81.5
76 38.6 31.4 47.0





#15
Acrylonitrile
Concen: 94.133 ug/l
RT: 5.167 min Scan# 548
Delta R.T. 0.006 min
Lab File: VY007015.D
Acq: 05 Jan 2022 12:51

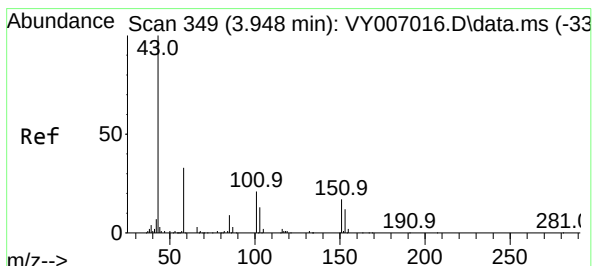
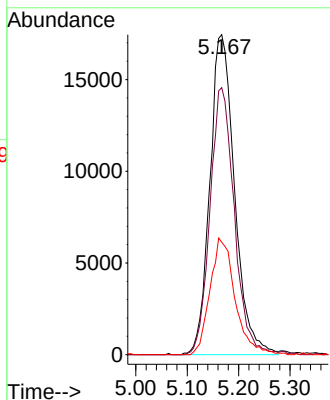
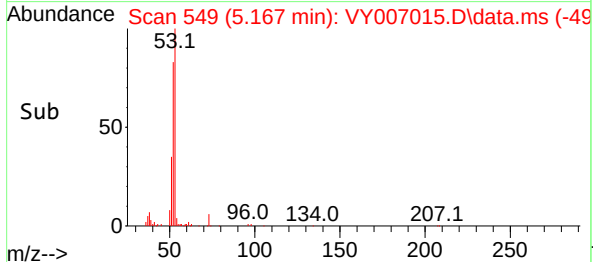
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



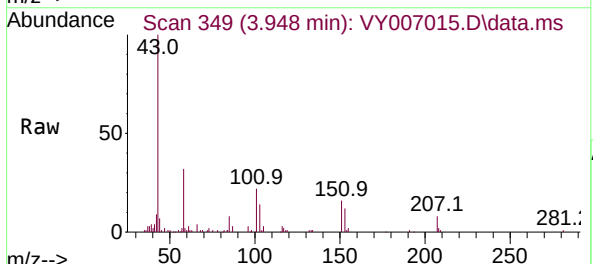
Tgt Ion: 53 Resp: 58332
Ion Ratio Lower Upper
53 100
52 82.0 65.4 98.0
51 37.0 28.7 43.1

Manual Integrations
APPROVED

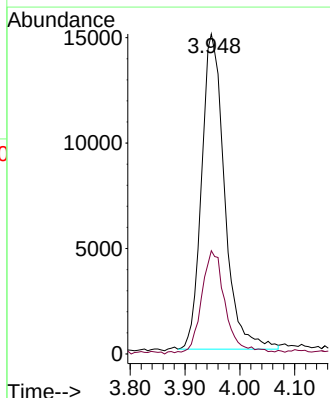
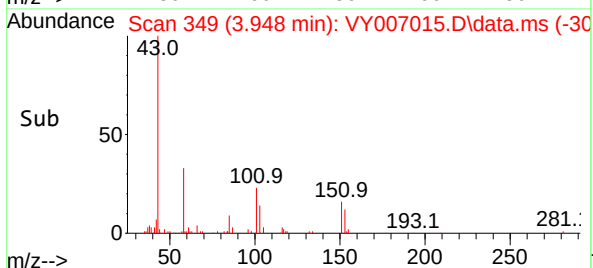
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/06/2022

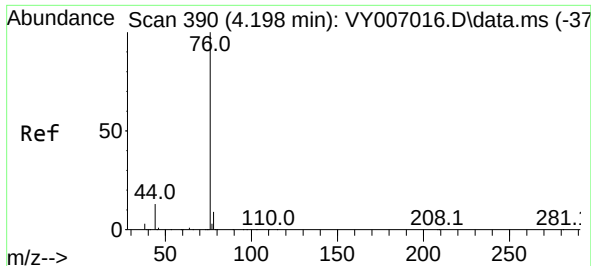


#16
Acetone
Concen: 76.384 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY007015.D
Acq: 05 Jan 2022 12:51



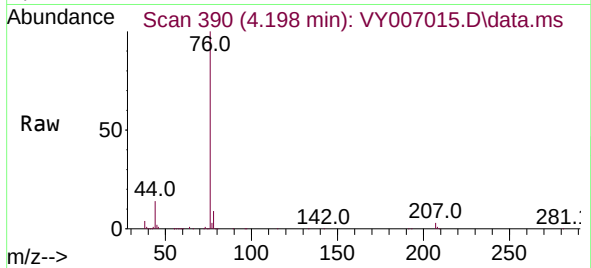
Tgt Ion: 43 Resp: 43436
Ion Ratio Lower Upper
43 100
58 32.0 26.3 39.5





#17
Carbon Disulfide
Concen: 19.109 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.000 min
Lab File: VY007015.D
Acq: 05 Jan 2022 12:51

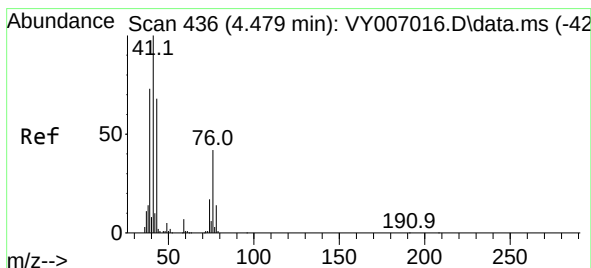
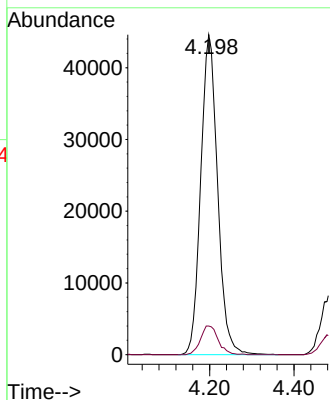
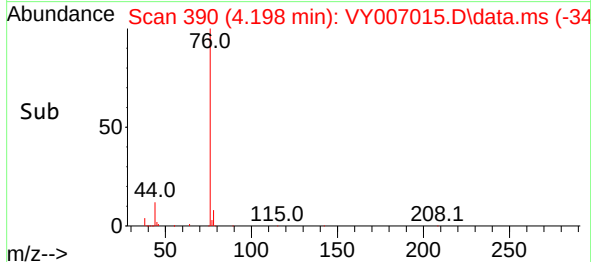
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



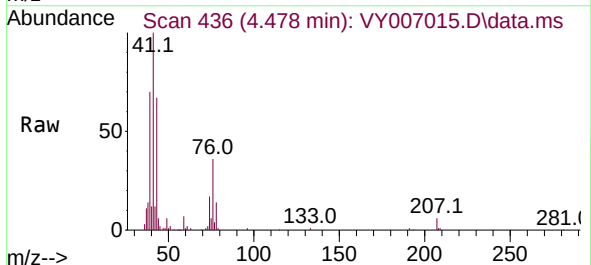
Tgt Ion: 76 Resp: 12414
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3

Manual Integrations
APPROVED

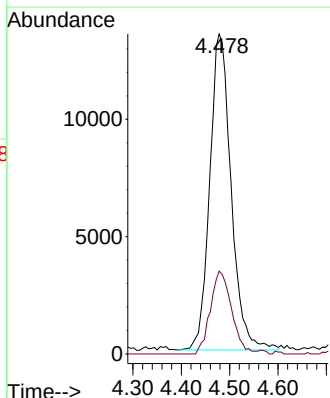
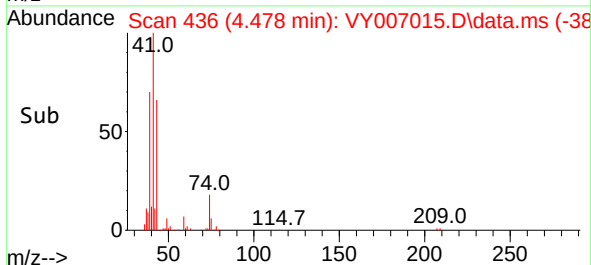
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/06/2022

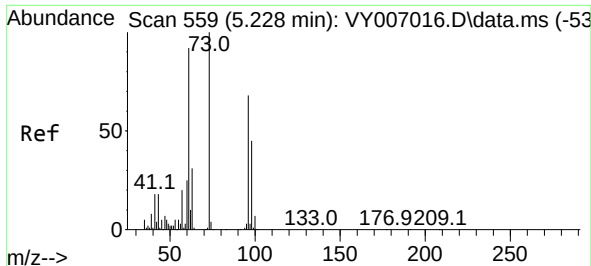


#18
Methyl Acetate
Concen: 20.022 ug/l
RT: 4.478 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY007015.D
Acq: 05 Jan 2022 12:51



Tgt Ion: 43 Resp: 41421
Ion Ratio Lower Upper
43 100
74 25.9 20.9 31.3





#19

Methyl tert-butyl Ether

Concen: 15.804 ug/l

RT: 5.228 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY007015.D

Acq: 05 Jan 2022 12:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 73 Resp: 8371

Ion Ratio Lower Upper

73 100

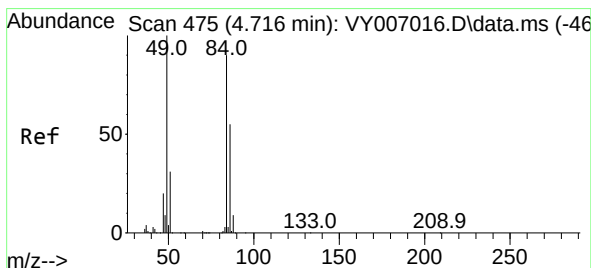
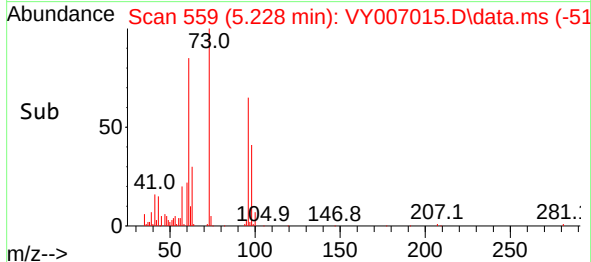
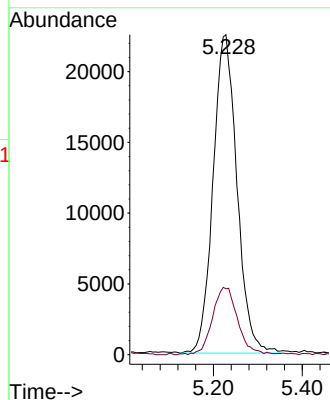
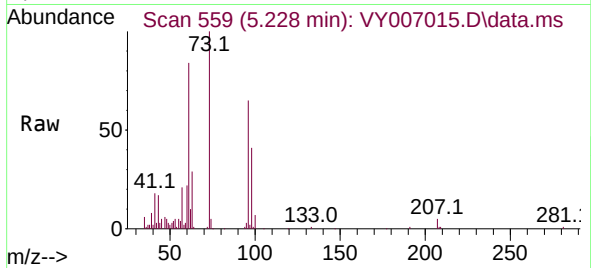
57 20.5 16.2 24.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/06/2022

Supervised By :Mahesh Dadoda 01/06/2022



#20

Methylene Chloride

Concen: 31.473 ug/l

RT: 4.722 min Scan# 476

Delta R.T. 0.006 min

Lab File: VY007015.D

Acq: 05 Jan 2022 12:51

Tgt Ion: 84 Resp: 80612

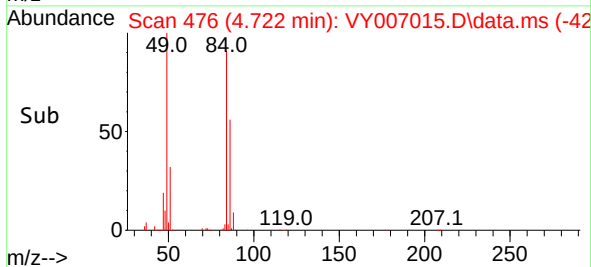
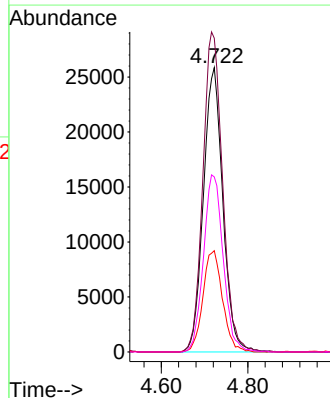
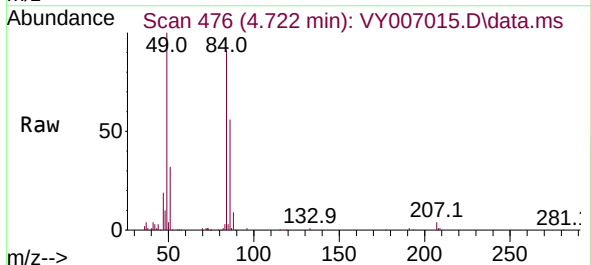
Ion Ratio Lower Upper

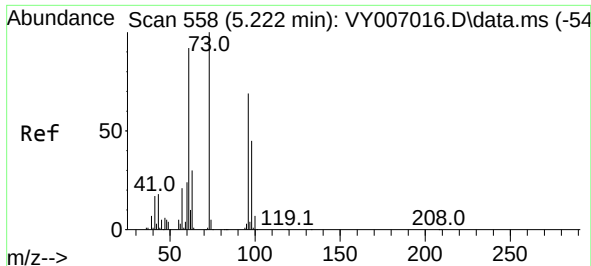
84 100

49 110.4 89.4 134.0

51 35.6 27.7 41.5

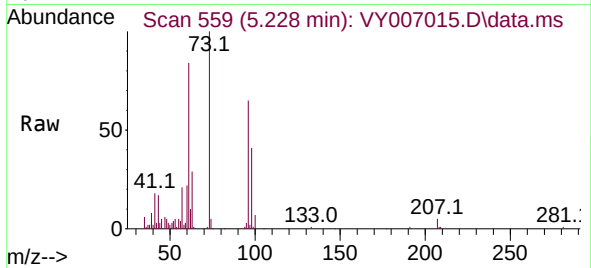
86 61.6 49.0 73.6





#21
trans-1,2-Dichloroethene
Concen: 20.796 ug/l
RT: 5.228 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY007015.D
Acq: 05 Jan 2022 12:51

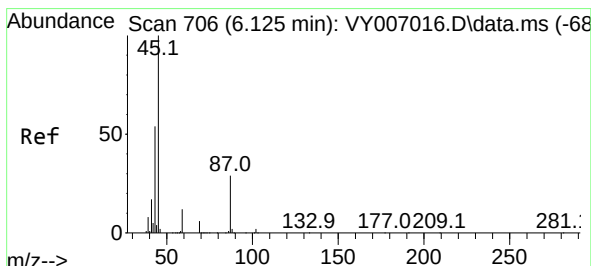
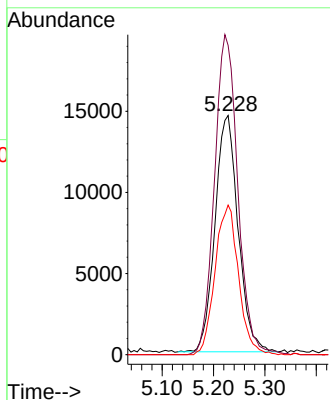
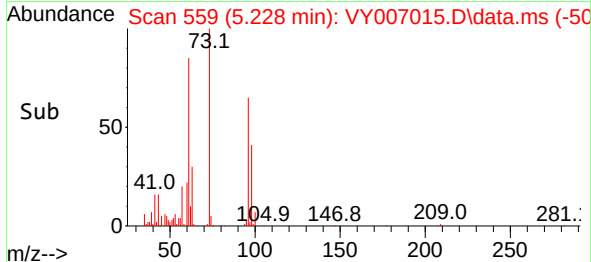
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



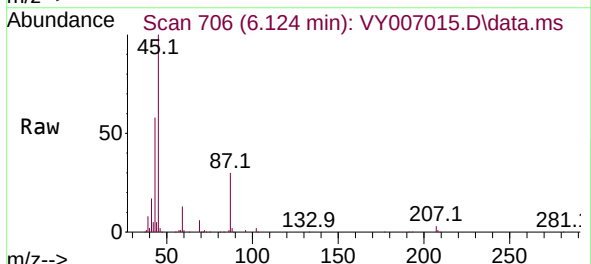
Tgt Ion: 96 Resp: 45712
Ion Ratio Lower Upper
96 100
61 130.8 107.0 160.6
98 63.3 52.6 79.0

Manual Integrations
APPROVED

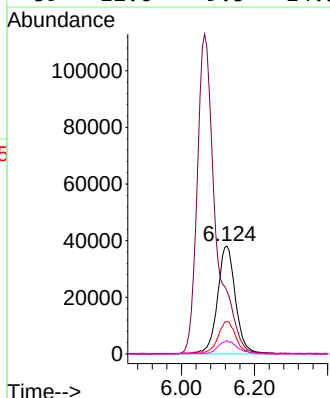
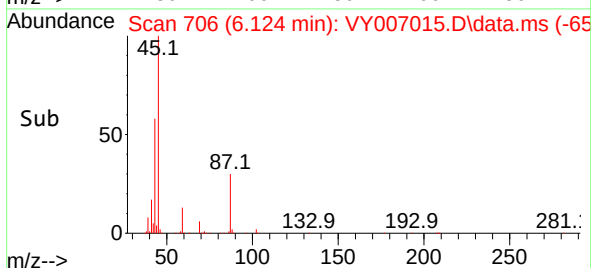
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/06/2022

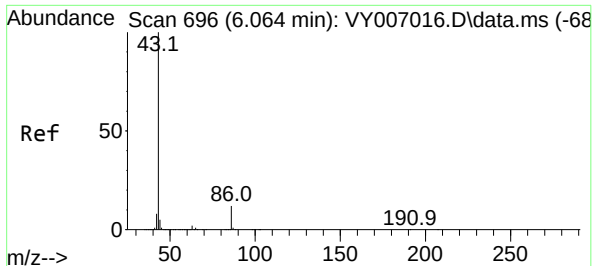


#22
Diisopropyl ether
Concen: 18.201 ug/l
RT: 6.124 min Scan# 706
Delta R.T. -0.000 min
Lab File: VY007015.D
Acq: 05 Jan 2022 12:51



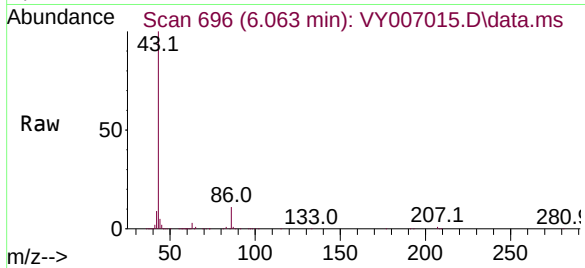
Tgt Ion: 45 Resp: 130943
Ion Ratio Lower Upper
45 100
43 57.8 43.6 65.4
87 30.1 23.6 35.4
59 12.6 9.5 14.3





#23
 Vinyl Acetate
 Concen: 90.556 ug/l
 RT: 6.063 min Scan# 696
 Delta R.T. -0.000 min
 Lab File: VY007015.D
 Acq: 05 Jan 2022 12:51

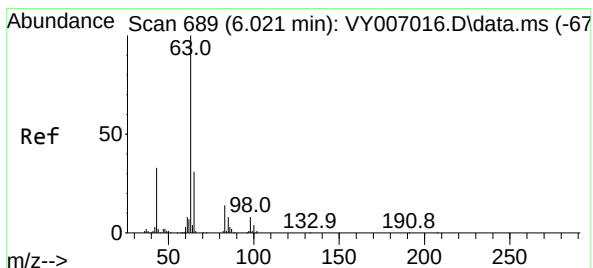
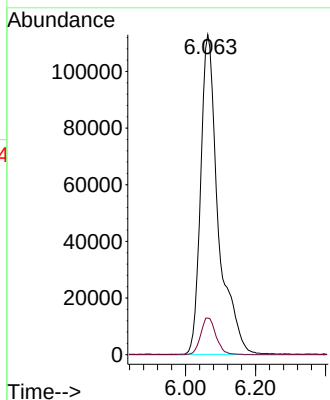
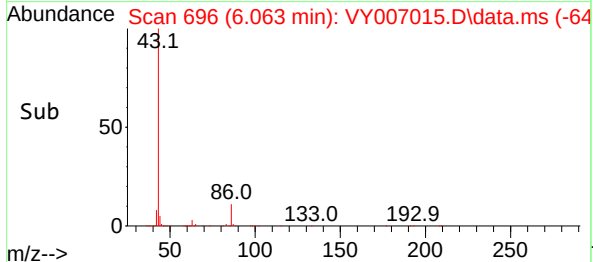
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020



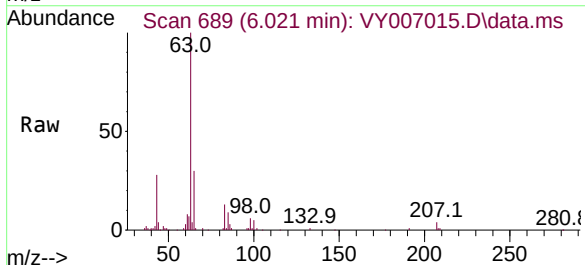
Tgt Ion: 43 Resp: 394270
 Ion Ratio Lower Upper
 43 100
 86 11.5 9.4 14.0

Manual Integrations
 APPROVED

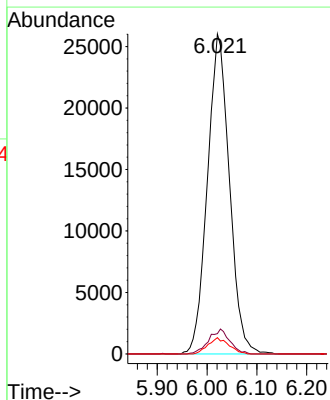
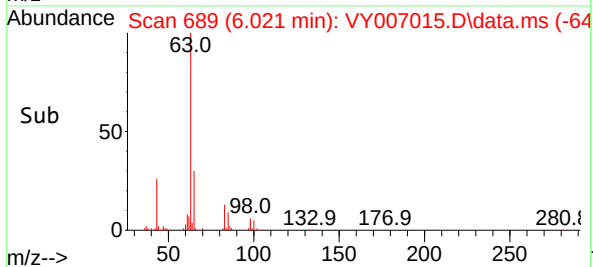
Reviewed By :John Carlone 01/06/2022
 Supervised By :Mahesh Dadoda 01/06/2022

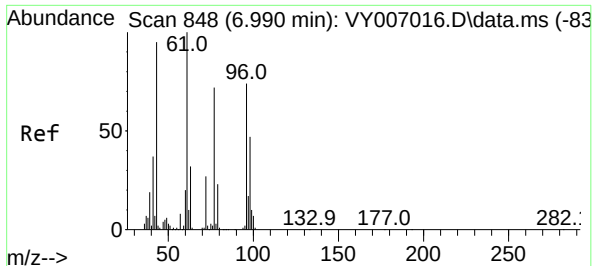


#24
 1,1-Dichloroethane
 Concen: 20.010 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.000 min
 Lab File: VY007015.D
 Acq: 05 Jan 2022 12:51



Tgt Ion: 63 Resp: 79726
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.8 11.4
 100 5.1 2.3 6.8





#25

2-Butanone

Concen: 87.436 ug/l

RT: 6.990 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY007015.D

Acq: 05 Jan 2022 12:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 70889

Ion Ratio Lower Upper

43 100

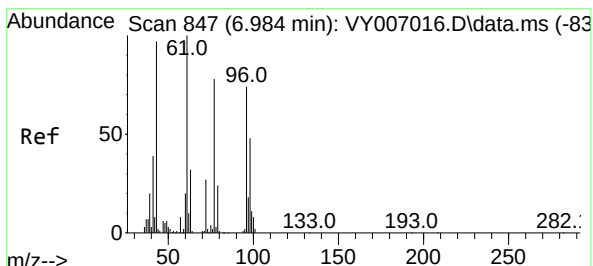
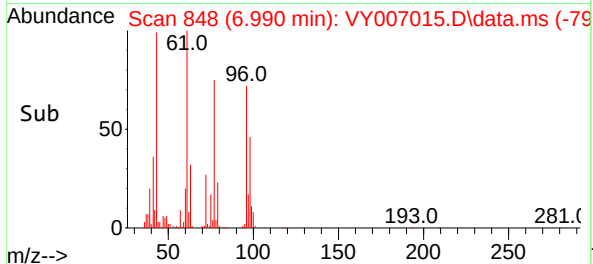
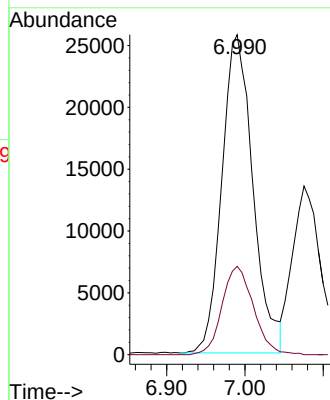
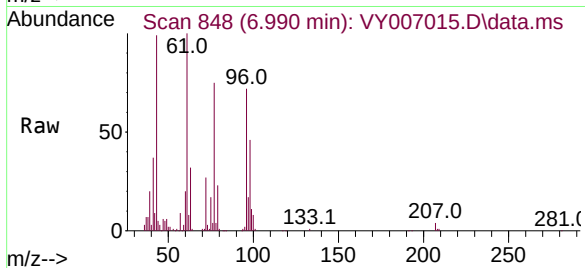
72 27.8 22.6 34.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/06/2022

Supervised By :Mahesh Dadoda 01/06/2022



#26

2,2-Dichloropropane

Concen: 17.171 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY007015.D

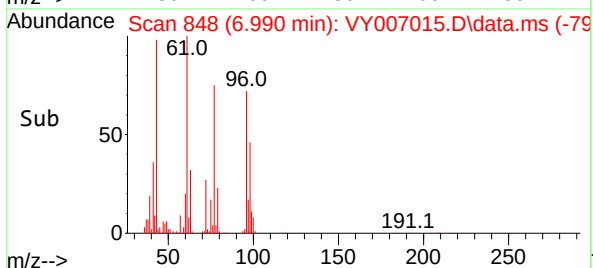
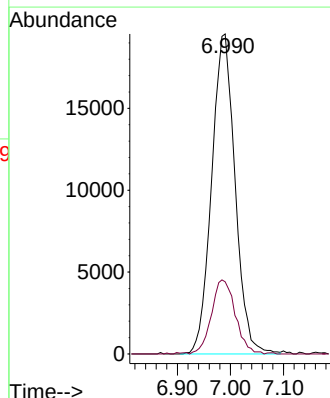
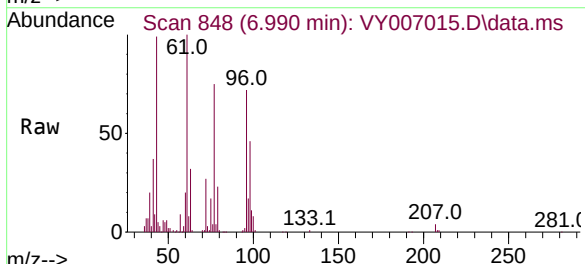
Acq: 05 Jan 2022 12:51

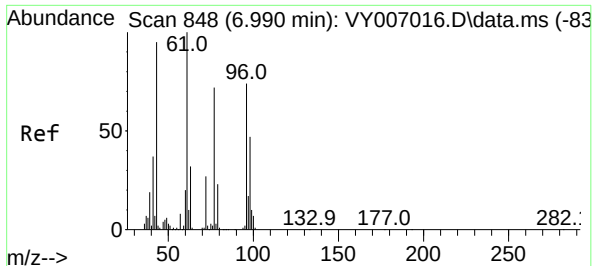
Tgt Ion: 77 Resp: 60016

Ion Ratio Lower Upper

77 100

97 23.5 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 21.131 ug/l

RT: 6.990 min Scan# 84

Delta R.T. -0.000 min

Lab File: VY007015.D

Acq: 05 Jan 2022 12:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

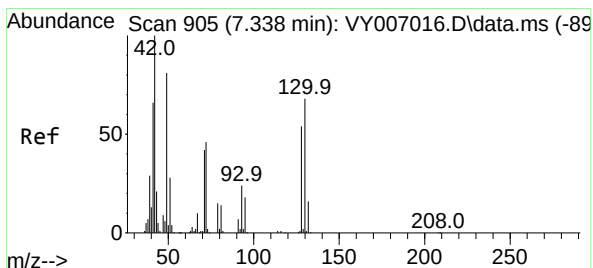
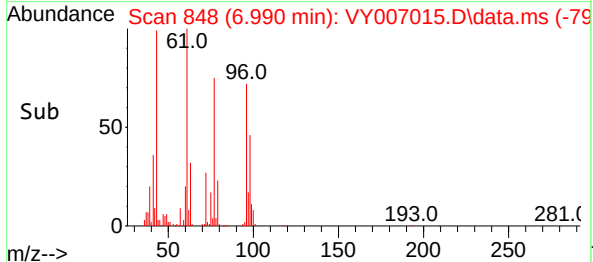
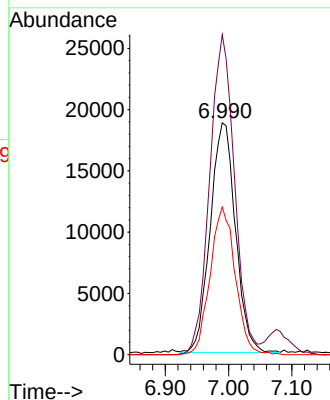
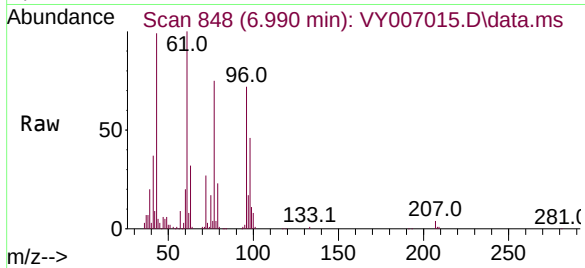
Tgt Ion:	96	Resp:	5186
Ion	Ratio	Lower	Upper
96	100		
61	137.1	0.0	269.8
98	64.1	0.0	130.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/06/2022

Supervised By :Mahesh Dadoda 01/06/2022



#28

Bromochloromethane

Concen: 15.491 ug/l

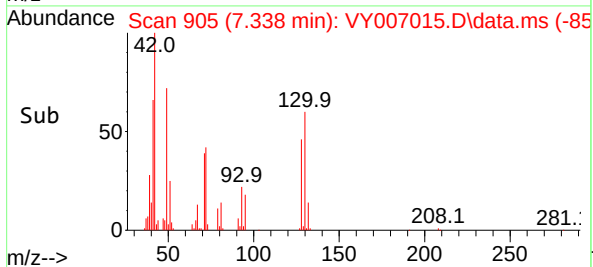
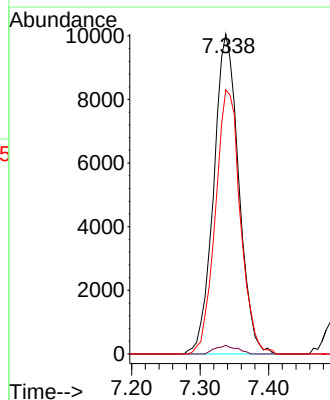
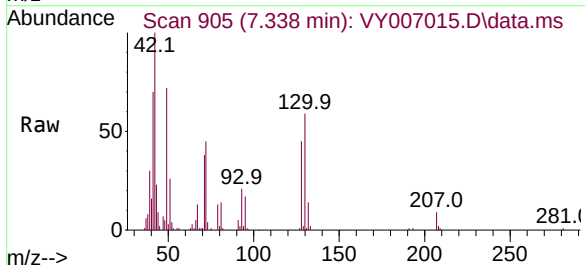
RT: 7.338 min Scan# 905

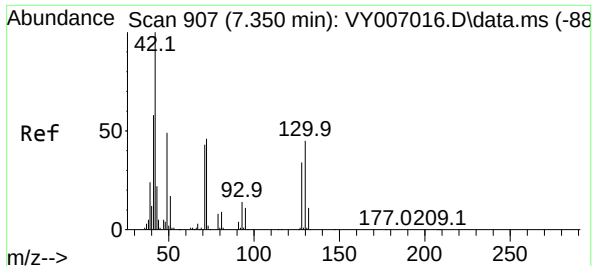
Delta R.T. -0.000 min

Lab File: VY007015.D

Acq: 05 Jan 2022 12:51

Tgt Ion:	49	Resp:	25498
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.2
130	82.3	66.2	99.4





#29

Tetrahydrofuran

Concen: 92.869 ug/l

RT: 7.350 min Scan# 907

Delta R.T. -0.000 min

Lab File: VY007015.D

Acq: 05 Jan 2022 12:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 42 Resp: 5000

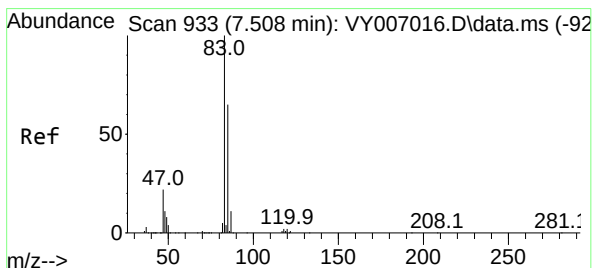
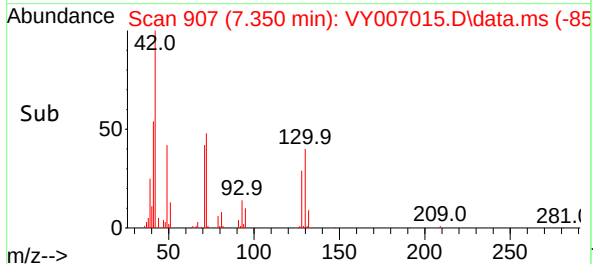
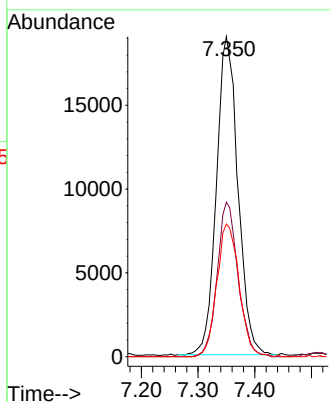
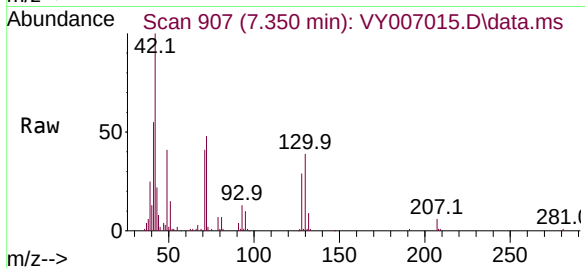
Ion	Ratio	Lower	Upper
42	100		
72	47.0	37.1	55.7
71	43.4	34.6	52.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/06/2022

Supervised By :Mahesh Dadoda 01/06/2022



#30

Chloroform

Concen: 20.865 ug/l

RT: 7.508 min Scan# 933

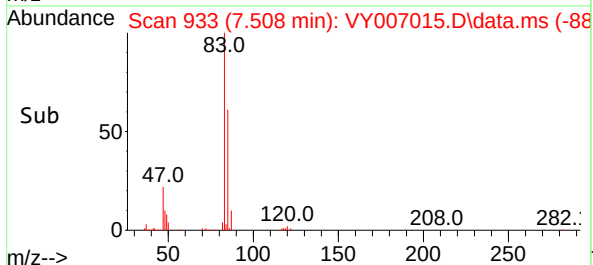
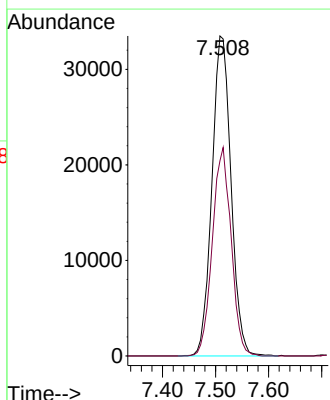
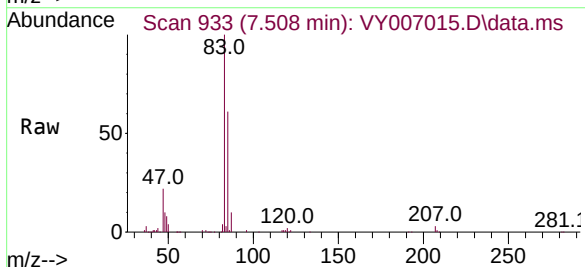
Delta R.T. -0.000 min

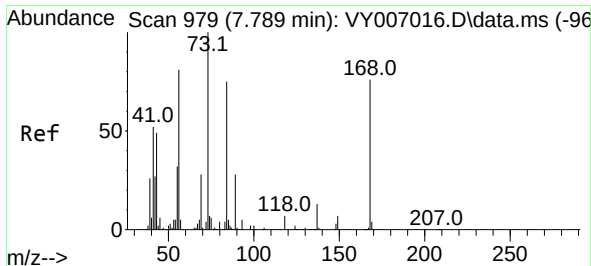
Lab File: VY007015.D

Acq: 05 Jan 2022 12:51

Tgt Ion: 83 Resp: 83758

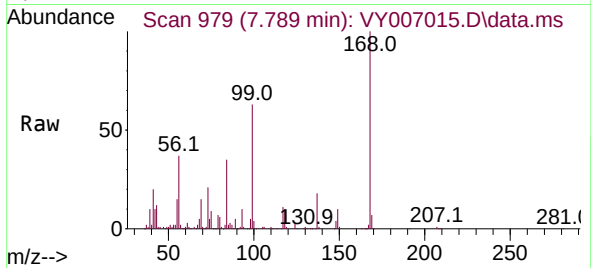
Ion	Ratio	Lower	Upper
83	100		
85	61.0	51.9	77.9





#31
Cyclohexane
Concen: 18.854 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007015.D
Acq: 05 Jan 2022 12:51

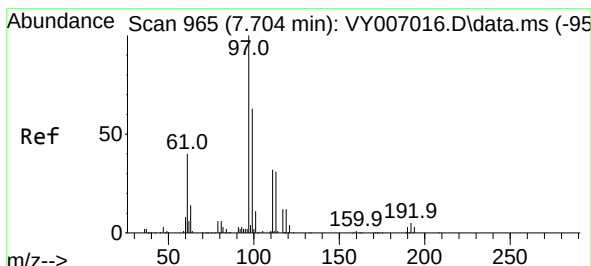
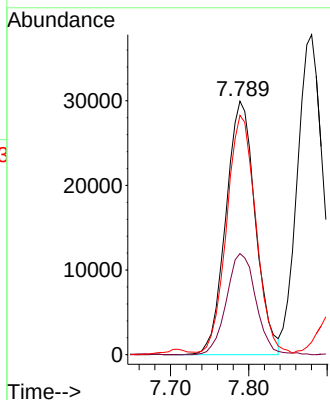
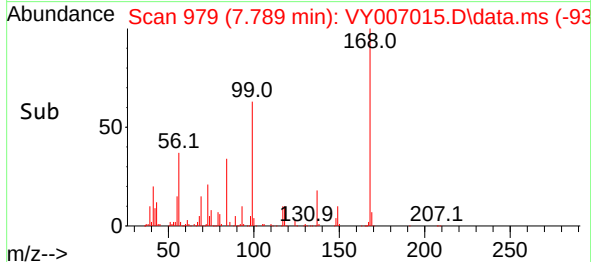
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 56 Resp: 7835
Ion Ratio Lower Upper
56 100
69 39.9 27.8 41.6
84 92.3 74.1 111.1

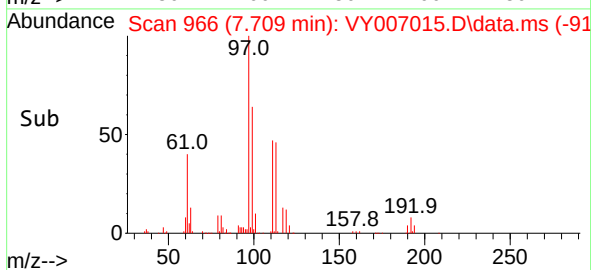
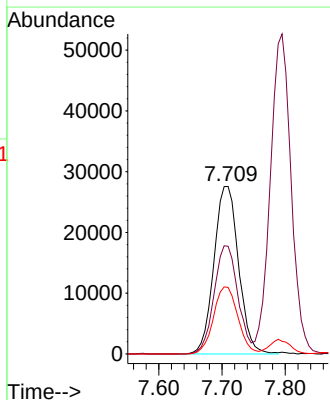
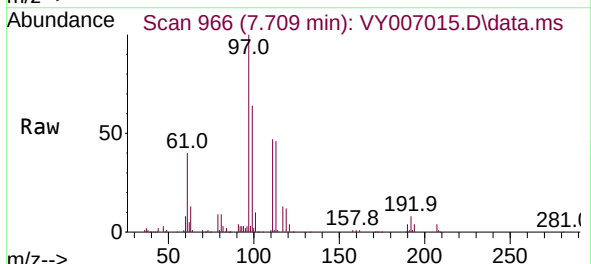
Manual Integrations
APPROVED

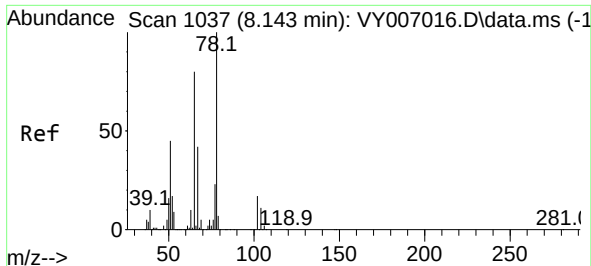
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/06/2022



#32
1,1,1-Trichloroethane
Concen: 20.315 ug/l
RT: 7.709 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY007015.D
Acq: 05 Jan 2022 12:51

Tgt Ion: 97 Resp: 74501
Ion Ratio Lower Upper
97 100
99 62.4 50.6 76.0
61 39.7 31.9 47.9





#33

1,2-Dichloroethane-d4

Concen: 20.208 ug/l

RT: 8.148 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VY007015.D

Acq: 05 Jan 2022 12:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 44920

Ion Ratio Lower Upper

65 100

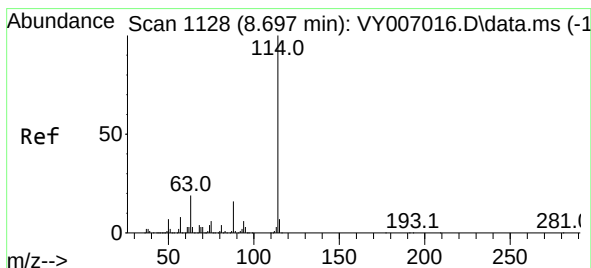
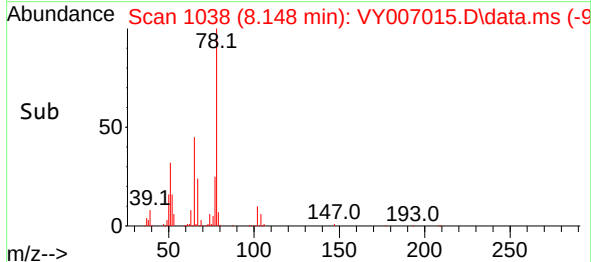
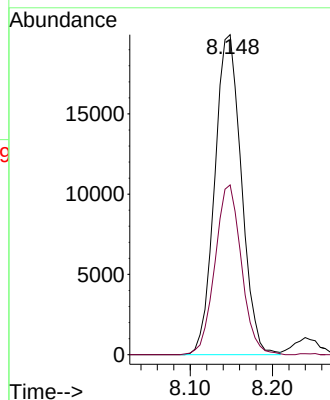
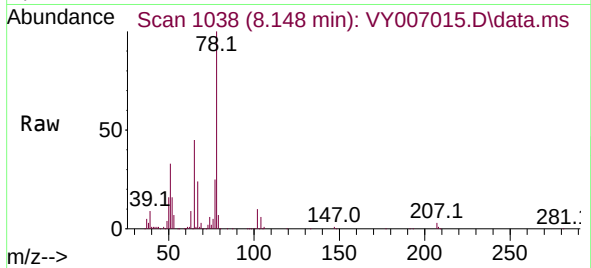
67 52.6 0.0 105.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/06/2022

Supervised By :Mahesh Dadoda 01/06/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY007015.D

Acq: 05 Jan 2022 12:51

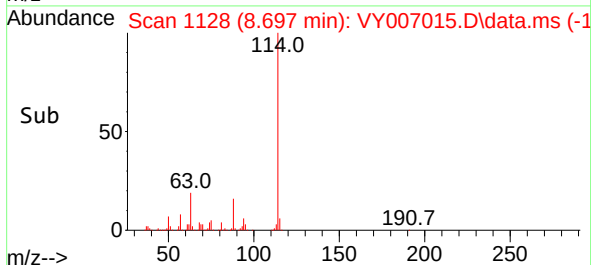
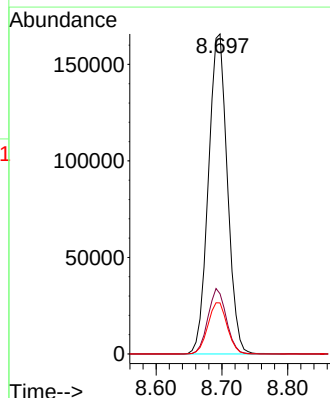
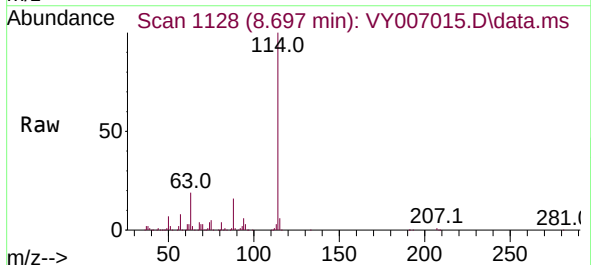
Tgt Ion:114 Resp: 332168

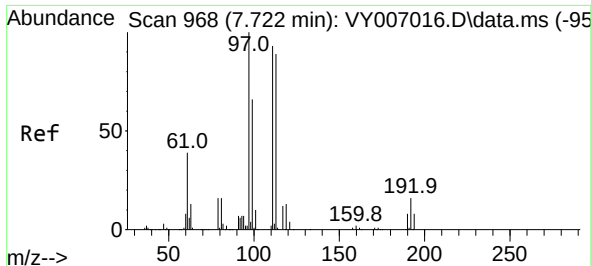
Ion Ratio Lower Upper

114 100

63 18.8 0.0 37.6

88 16.0 0.0 31.8





#35

Dibromofluoromethane

Concen: 22.274 ug/l

RT: 7.722 min Scan# 9

Delta R.T. -0.000 min

Lab File: VY007015.D

Acq: 05 Jan 2022 12:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion:113 Resp: 4231

Ion Ratio Lower Upper

113 100

111 104.1 81.9 122.9

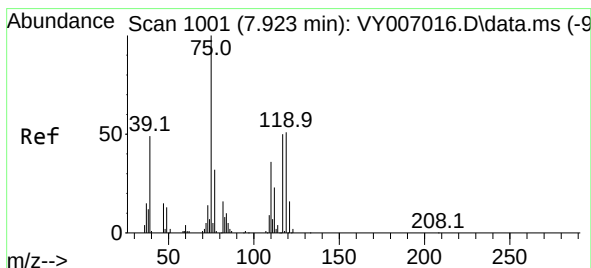
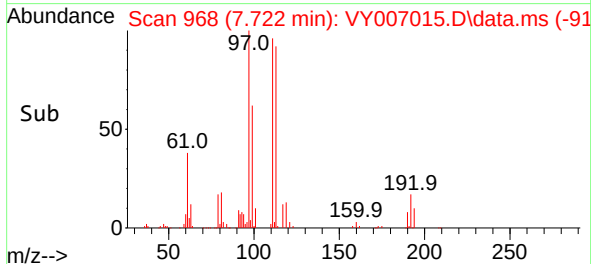
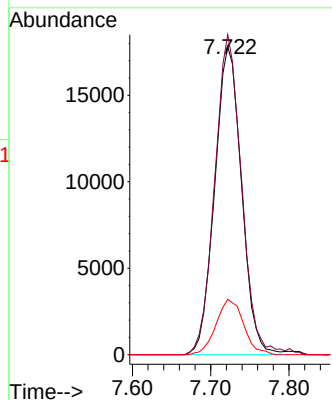
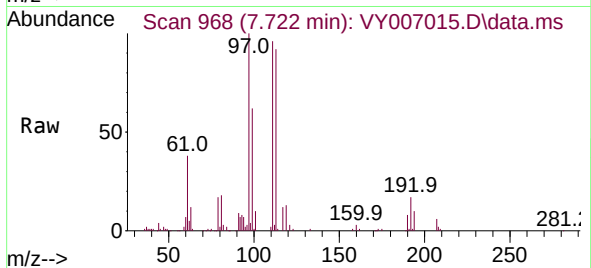
192 18.4 14.6 21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/06/2022

Supervised By :Mahesh Dadoda 01/06/2022



#36

1,1-Dichloropropene

Concen: 18.950 ug/l

RT: 7.923 min Scan# 1001

Delta R.T. -0.000 min

Lab File: VY007015.D

Acq: 05 Jan 2022 12:51

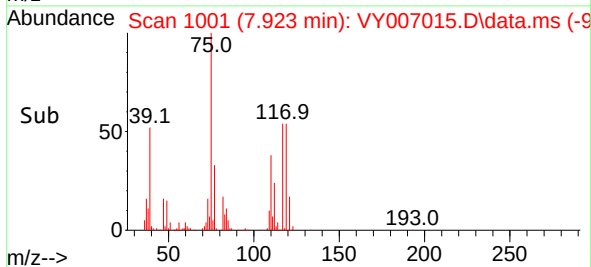
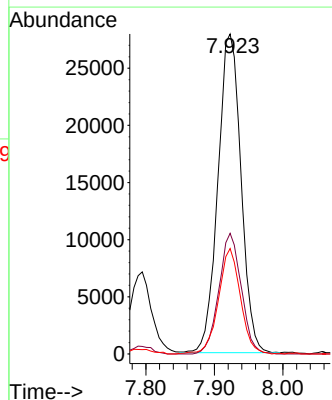
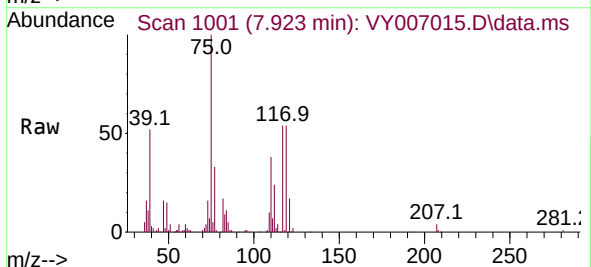
Tgt Ion: 75 Resp: 65141

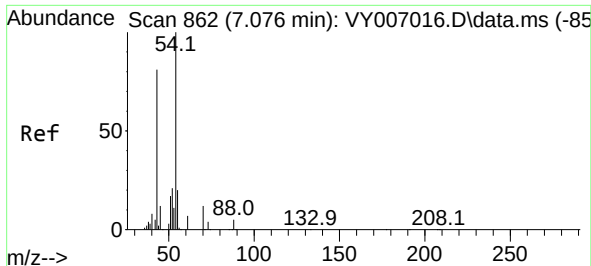
Ion Ratio Lower Upper

75 100

110 36.6 18.0 54.0

77 31.5 25.4 38.2





#37

Ethyl Acetate

Concen: 17.351 ug/l

RT: 7.075 min Scan# 80

Delta R.T. -0.000 min

Lab File: VY007015.D

Acq: 05 Jan 2022 12:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 33974

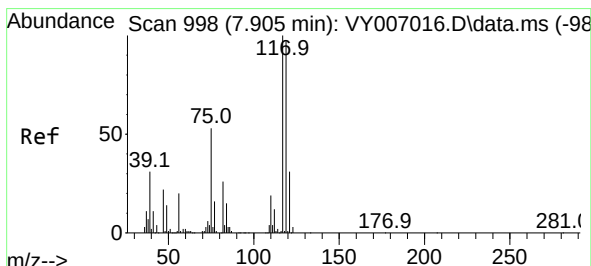
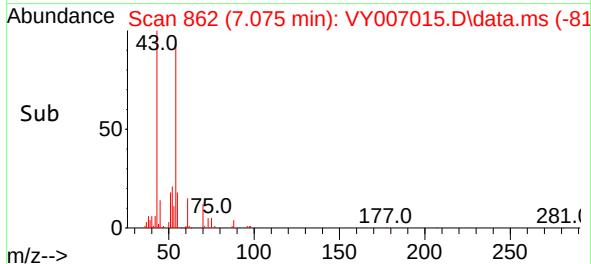
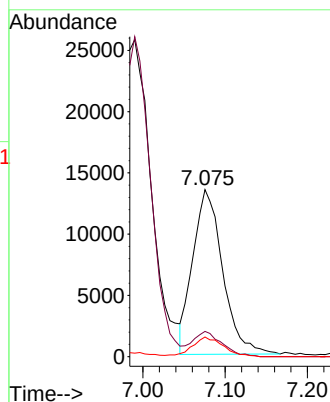
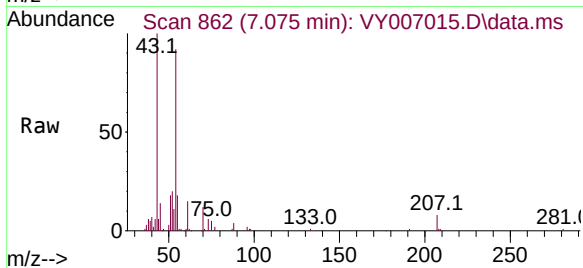
Ion	Ratio	Lower	Upper
43	100		
61	14.6	12.2	18.2
70	12.4	9.4	14.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/06/2022

Supervised By :Mahesh Dadoda 01/06/2022



#38

Carbon Tetrachloride

Concen: 19.149 ug/l

RT: 7.905 min Scan# 998

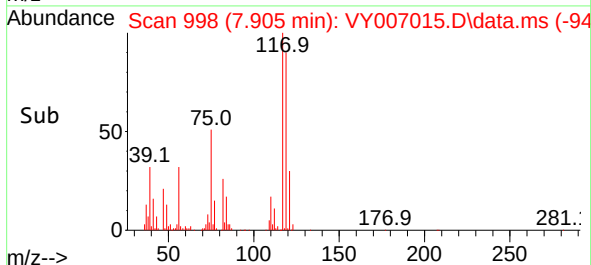
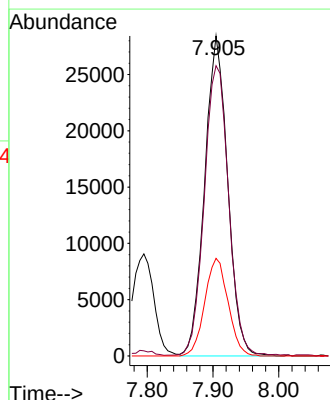
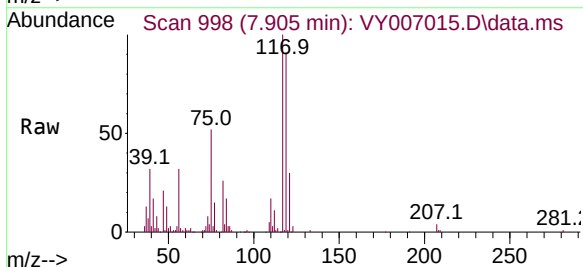
Delta R.T. -0.000 min

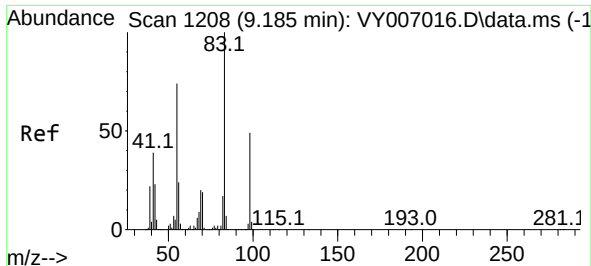
Lab File: VY007015.D

Acq: 05 Jan 2022 12:51

Tgt Ion:117 Resp: 69201

Ion	Ratio	Lower	Upper
117	100		
119	90.4	77.7	116.5
121	30.5	24.4	36.6





#39

Methylcyclohexane

Concen: 19.840 ug/l

RT: 9.185 min Scan# 1208

Delta R.T. -0.000 min

Lab File: VY007015.D

Acq: 05 Jan 2022 12:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

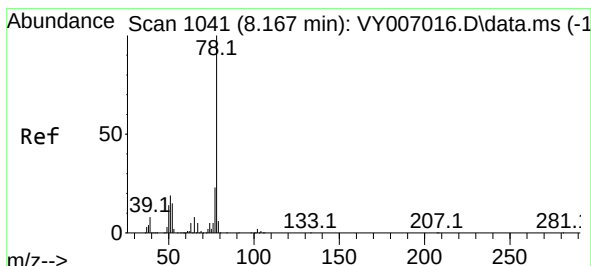
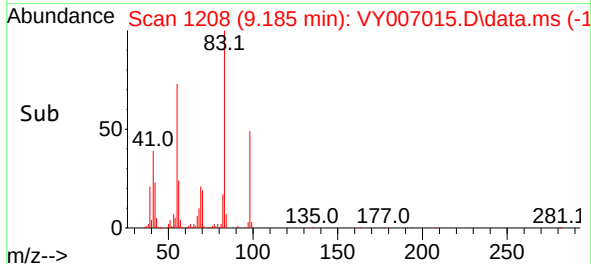
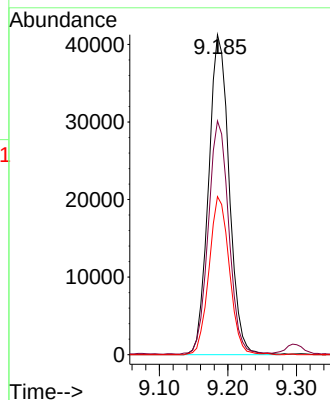
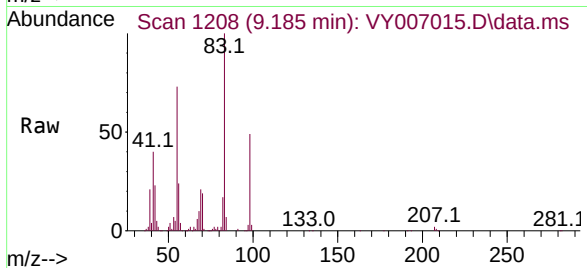
Tgt Ion: 83	Resp: 86010
Ion Ratio	Lower Upper
83 100	
55 72.8	59.0 88.6
98 49.4	39.1 58.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/06/2022

Supervised By :Mahesh Dadoda 01/06/2022



#40

Benzene

Concen: 18.572 ug/l

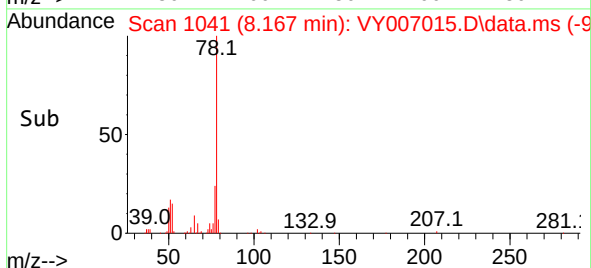
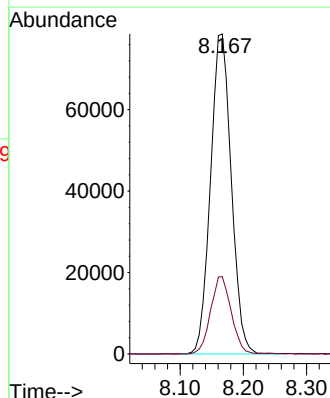
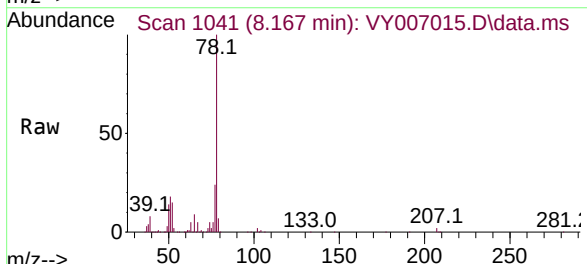
RT: 8.167 min Scan# 1041

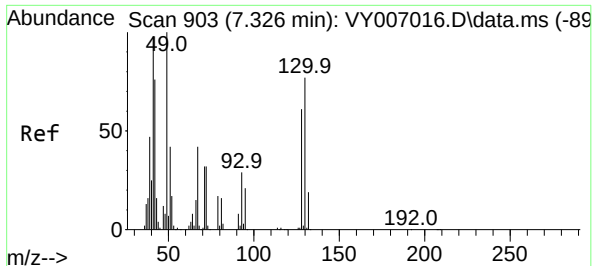
Delta R.T. -0.000 min

Lab File: VY007015.D

Acq: 05 Jan 2022 12:51

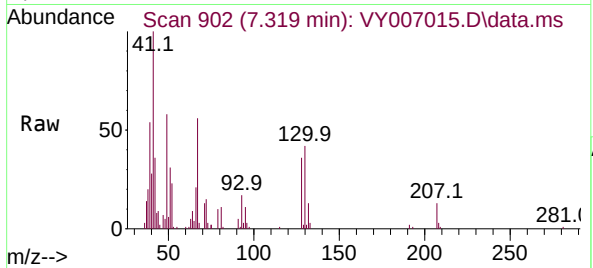
Tgt Ion: 78	Resp: 179351
Ion Ratio	Lower Upper
78 100	
77 24.1	18.2 27.4





#41
Methacrylonitrile
Concen: 15.055 ug/l m
RT: 7.319 min Scan# 903
Delta R.T. -0.006 min
Lab File: VY007015.D
Acq: 05 Jan 2022 12:51

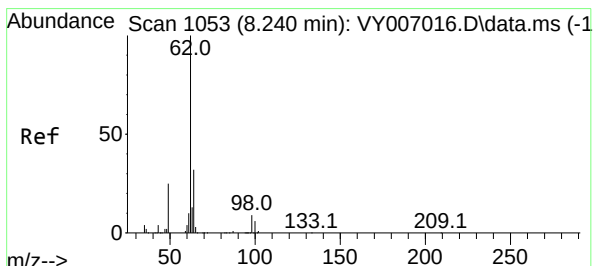
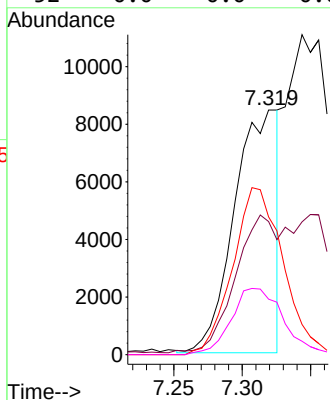
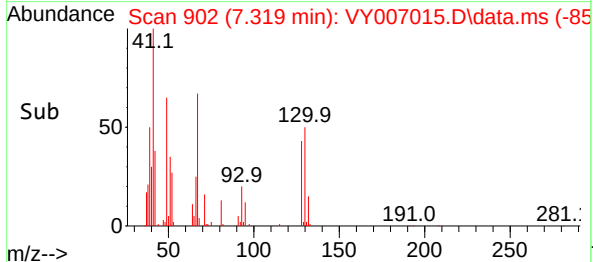
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 41 Resp: 18818
Ion Ratio Lower Upper
41 100
39 0.0 0.0 0.0
67 0.0 0.0 0.0
52 0.0 0.0 0.0

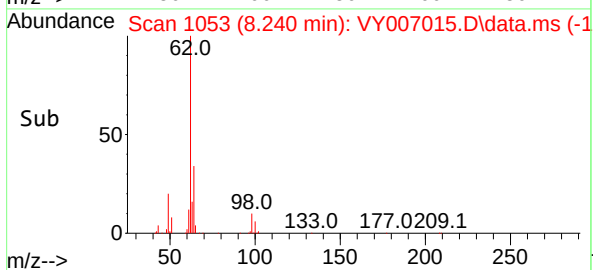
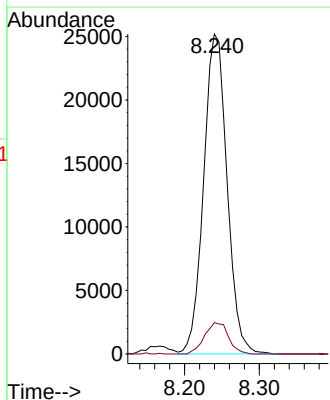
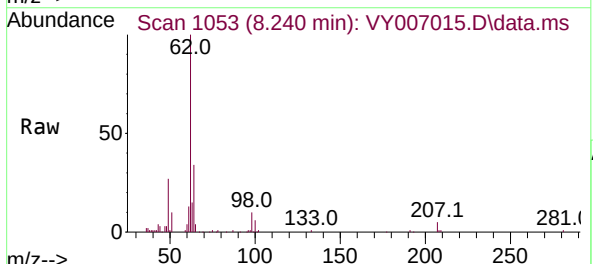
Manual Integrations
APPROVED

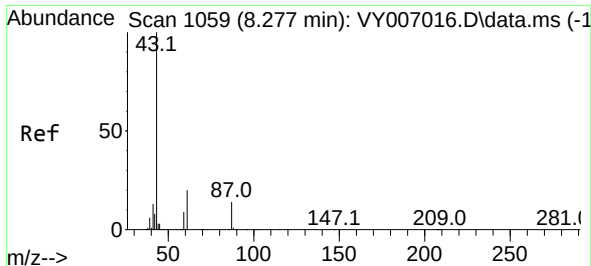
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/06/2022



#42
1,2-Dichloroethane
Concen: 17.882 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VY007015.D
Acq: 05 Jan 2022 12:51

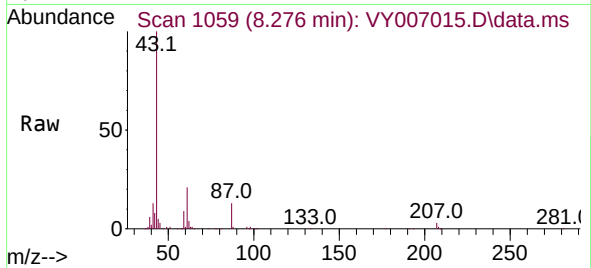
Tgt Ion: 62 Resp: 54936
Ion Ratio Lower Upper
62 100
98 10.0 0.0 20.0





#43
Isopropyl Acetate
Concen: 17.723 ug/l
RT: 8.276 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VY007015.D
Acq: 05 Jan 2022 12:51

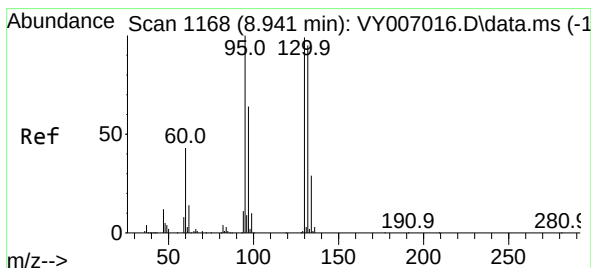
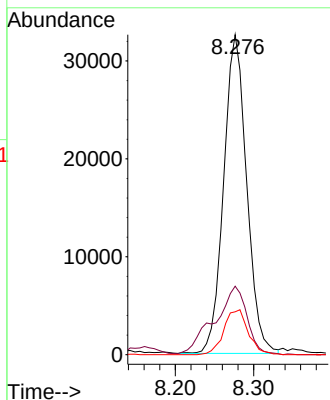
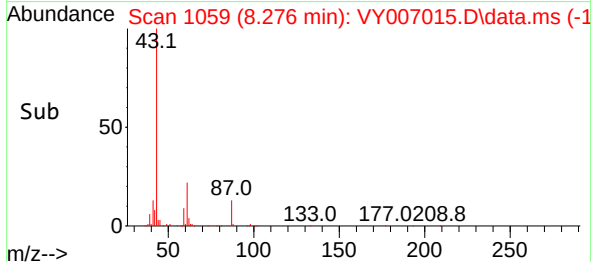
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



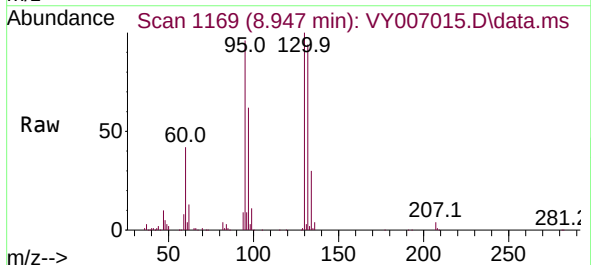
Tgt Ion: 43 Resp: 66390
Ion Ratio Lower Upper
43 100
61 30.4 23.9 35.9
87 15.0 11.8 17.6

Manual Integrations
APPROVED

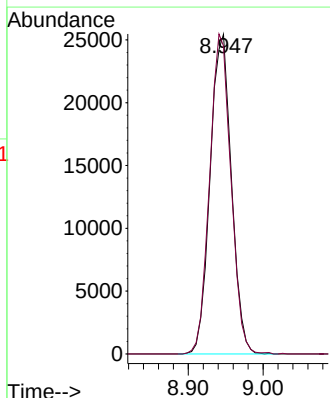
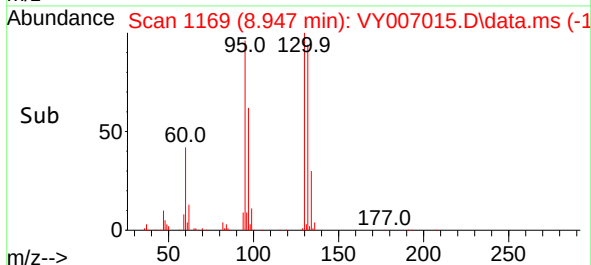
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/06/2022

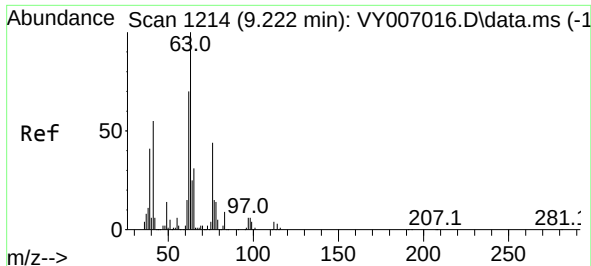


#44
Trichloroethene
Concen: 19.905 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VY007015.D
Acq: 05 Jan 2022 12:51



Tgt Ion:130 Resp: 50409
Ion Ratio Lower Upper
130 100
95 96.3 0.0 202.0





#45

1,2-Dichloropropane

Concen: 18.399 ug/l

RT: 9.221 min Scan# 1214

Delta R.T. -0.000 min

Lab File: VY007015.D

Acq: 05 Jan 2022 12:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 4372

Ion Ratio Lower Upper

63 100

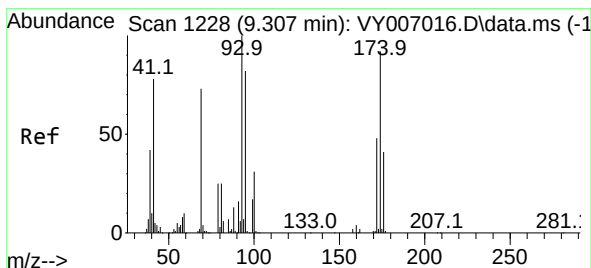
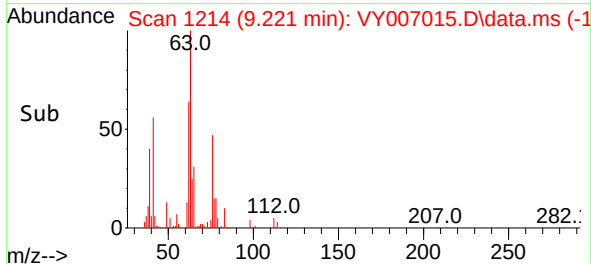
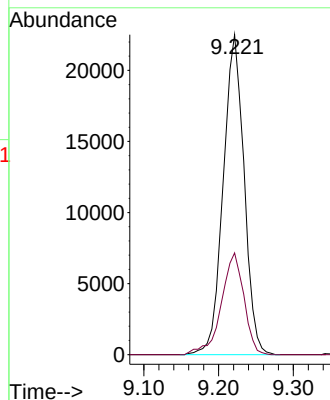
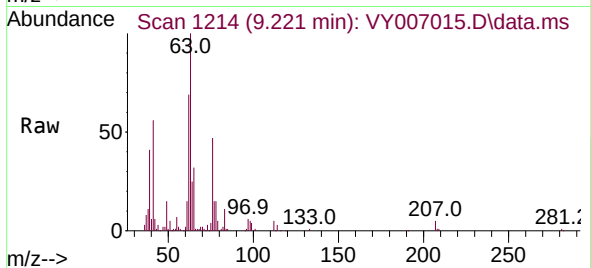
65 31.8 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/06/2022

Supervised By :Mahesh Dadoda 01/06/2022



#46

Dibromomethane

Concen: 20.926 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY007015.D

Acq: 05 Jan 2022 12:51

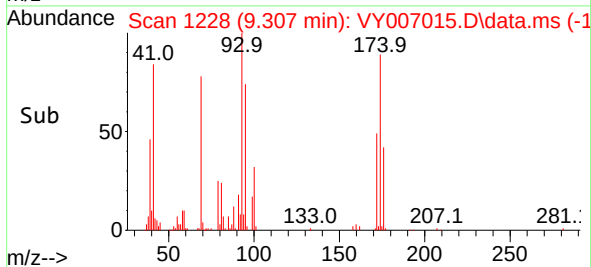
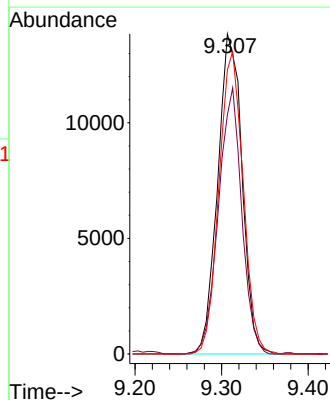
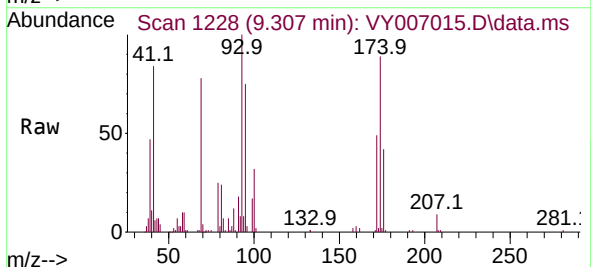
Tgt Ion: 93 Resp: 27037

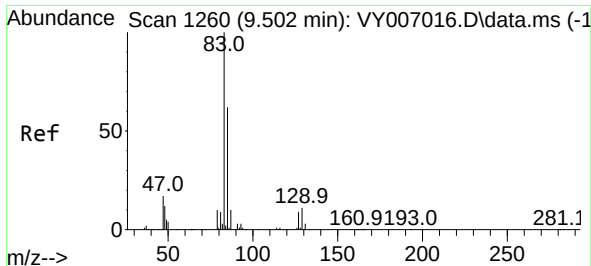
Ion Ratio Lower Upper

93 100

95 79.3 67.1 100.7

174 93.5 76.2 114.2





#47

Bromodichloromethane

Concen: 19.428 ug/l

RT: 9.502 min Scan# 1260

Delta R.T. -0.000 min

Lab File: VY007015.D

Acq: 05 Jan 2022 12:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 83 Resp: 6398

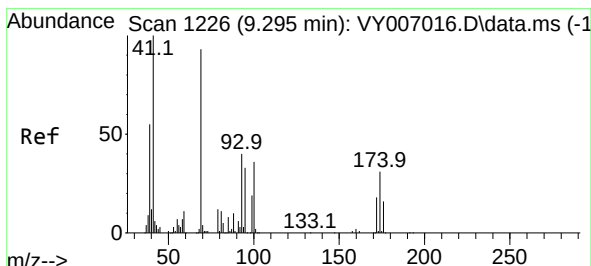
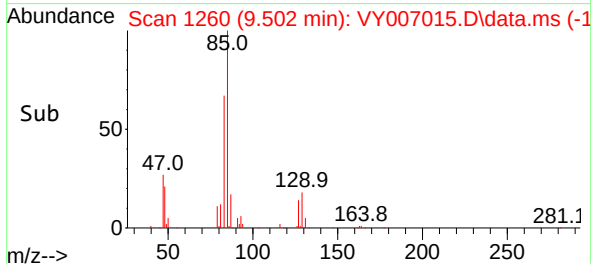
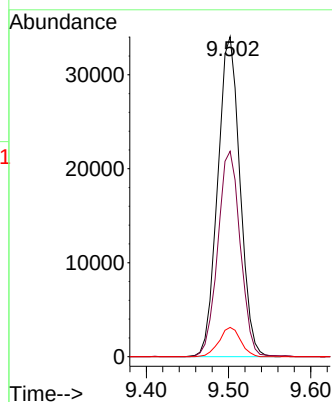
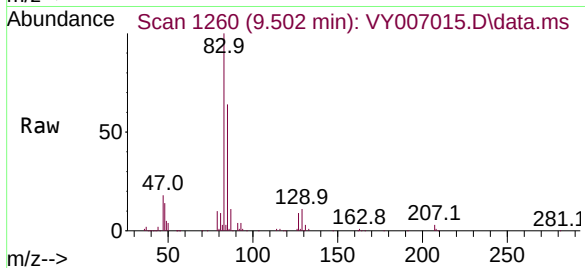
Ion	Ratio	Lower	Upper
83	100		
85	64.2	50.0	75.0
127	9.1	7.0	10.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/06/2022

Supervised By :Mahesh Dadoda 01/06/2022



#48

Methyl methacrylate

Concen: 17.644 ug/l

RT: 9.294 min Scan# 1226

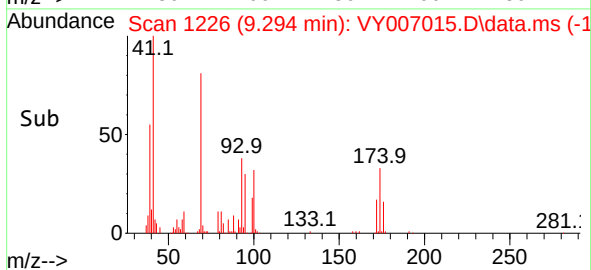
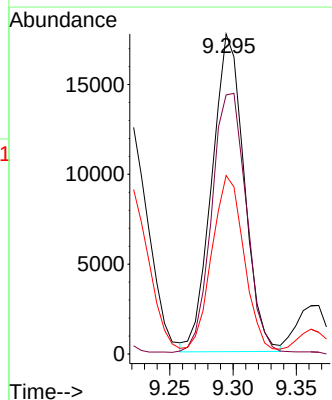
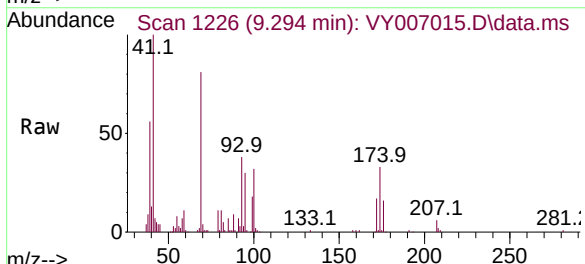
Delta R.T. -0.000 min

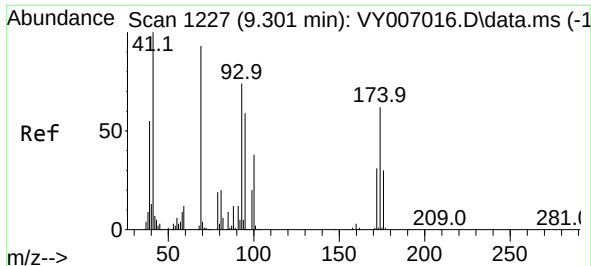
Lab File: VY007015.D

Acq: 05 Jan 2022 12:51

Tgt Ion: 41 Resp: 31490

Ion	Ratio	Lower	Upper
41	100		
69	88.8	71.1	106.7
39	53.7	43.0	64.4





#49

1,4-Dioxane

Concen: 332.826 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY007015.D

Acq: 05 Jan 2022 12:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 88 Resp: 5298

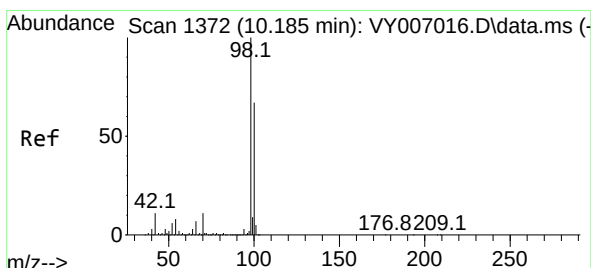
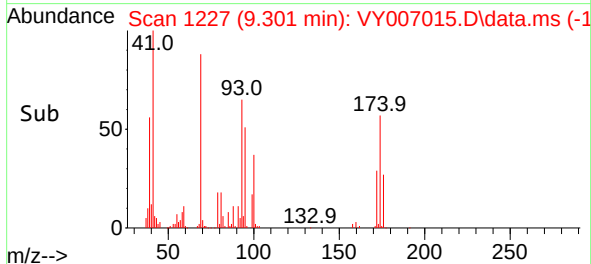
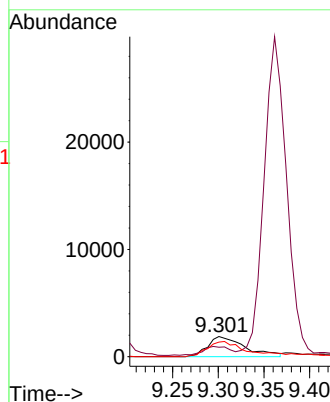
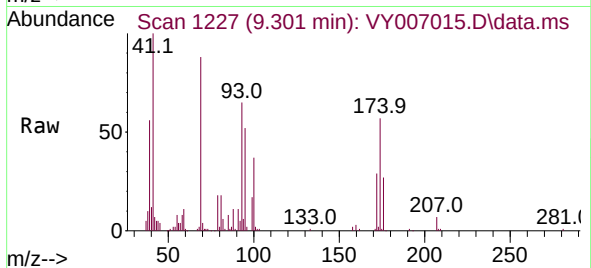
Ion	Ratio	Lower	Upper
88	100		
43	32.6	23.7	35.5
58	89.6	52.4	78.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/06/2022

Supervised By :Mahesh Dadoda 01/06/2022



#50

Toluene-d8

Concen: 20.485 ug/l

RT: 10.185 min Scan# 1372

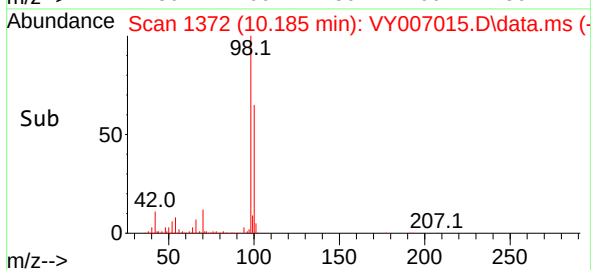
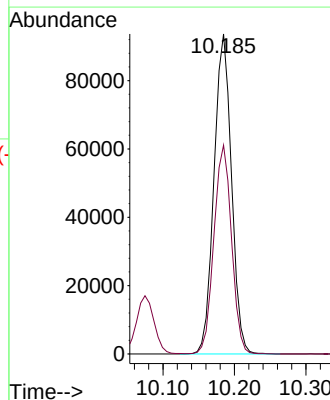
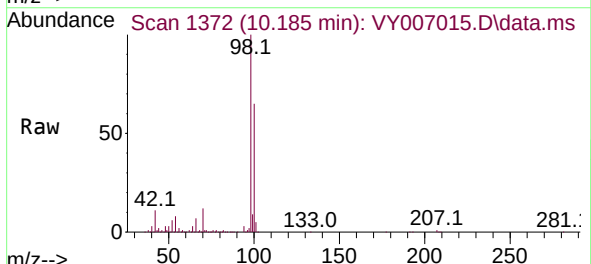
Delta R.T. -0.000 min

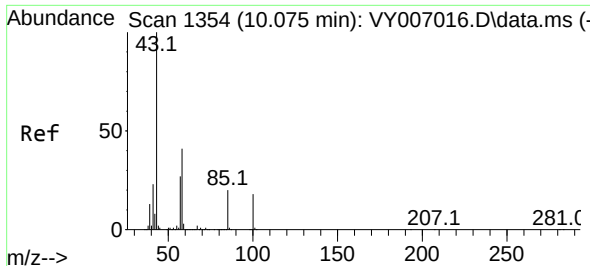
Lab File: VY007015.D

Acq: 05 Jan 2022 12:51

Tgt Ion: 98 Resp: 158875

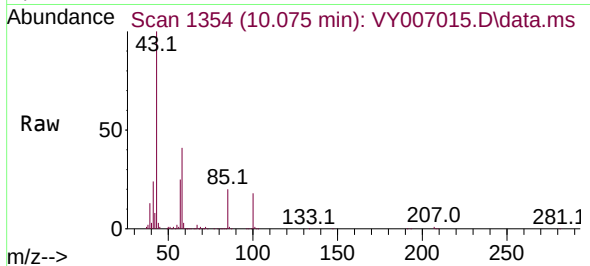
Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.8	79.2





#51
4-Methyl-2-Pentanone
Concen: 86.782 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. -0.000 min
Lab File: VY007015.D
Acq: 05 Jan 2022 12:51

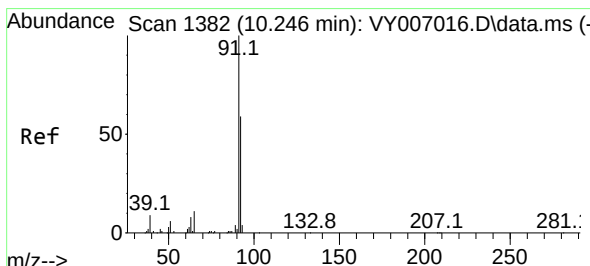
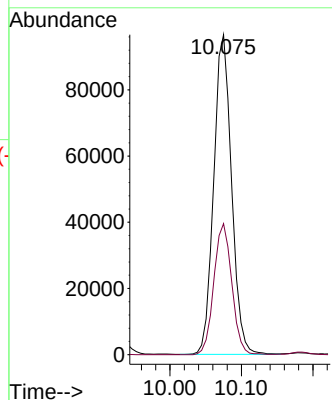
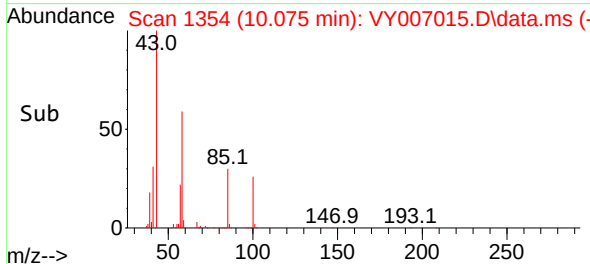
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



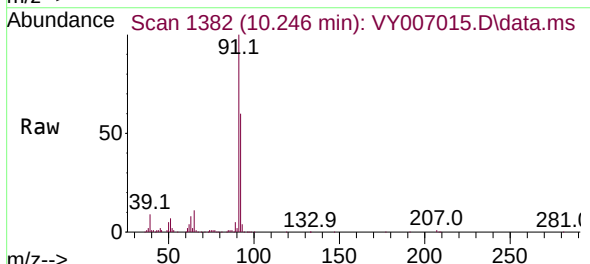
Tgt Ion: 43 Resp: 167280
Ion Ratio Lower Upper
43 100
58 41.3 32.7 49.1

Manual Integrations
APPROVED

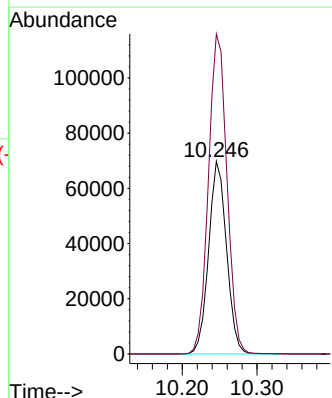
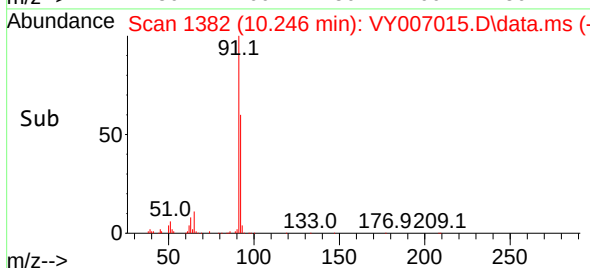
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/06/2022

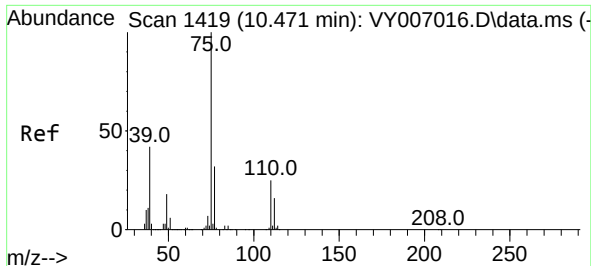


#52
Toluene
Concen: 19.265 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY007015.D
Acq: 05 Jan 2022 12:51



Tgt Ion: 92 Resp: 116110
Ion Ratio Lower Upper
92 100
91 171.8 136.1 204.1





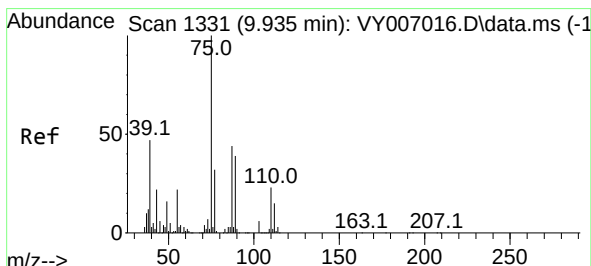
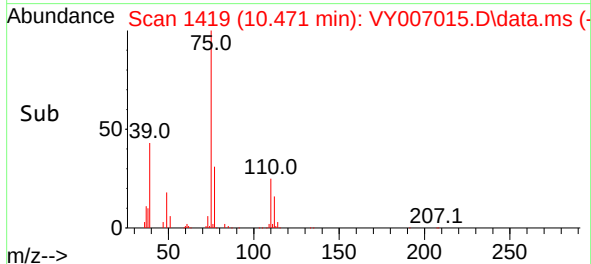
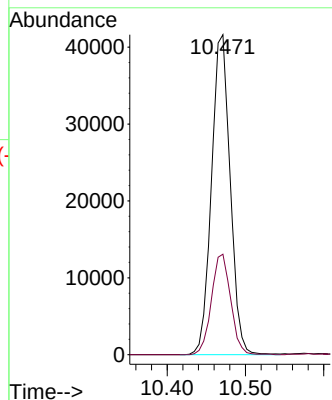
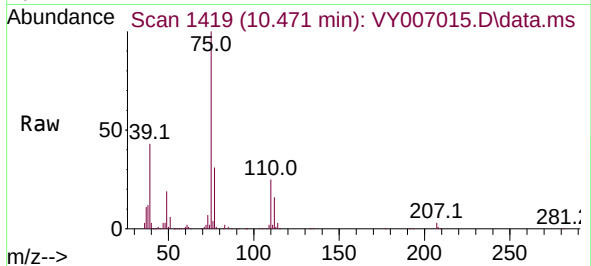
#53
t-1,3-Dichloropropene
Concen: 19.268 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. -0.000 min
Lab File: VY007015.D
Acq: 05 Jan 2022 12:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 6902
Ion Ratio Lower Upper
75 100
77 31.4 25.8 38.8

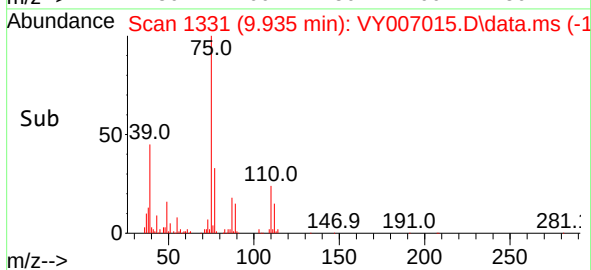
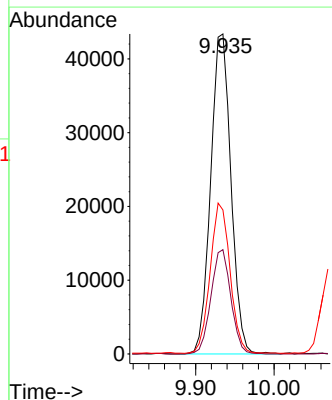
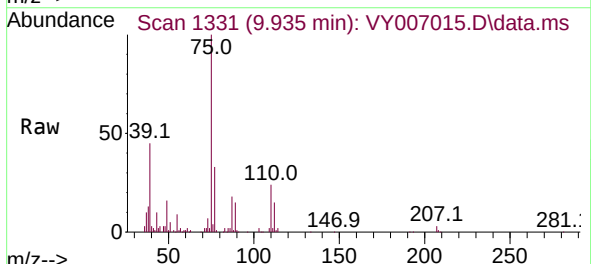
Manual Integrations
APPROVED

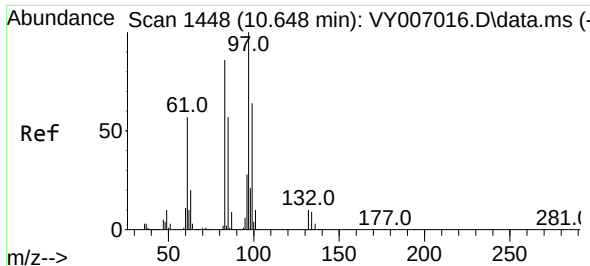
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/06/2022



#54
cis-1,3-Dichloropropene
Concen: 19.831 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. -0.000 min
Lab File: VY007015.D
Acq: 05 Jan 2022 12:51

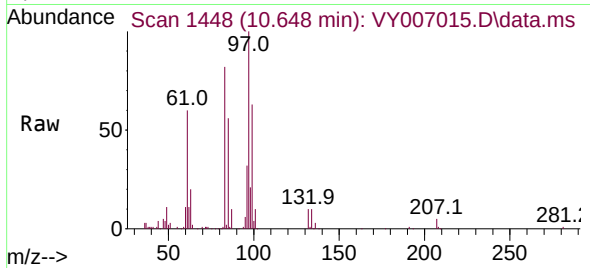
Tgt Ion: 75 Resp: 78047
Ion Ratio Lower Upper
75 100
77 32.6 25.5 38.3
39 44.8 37.6 56.4





#55
1,1,2-Trichloroethane
Concen: 20.360 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VY007015.D
Acq: 05 Jan 2022 12:51

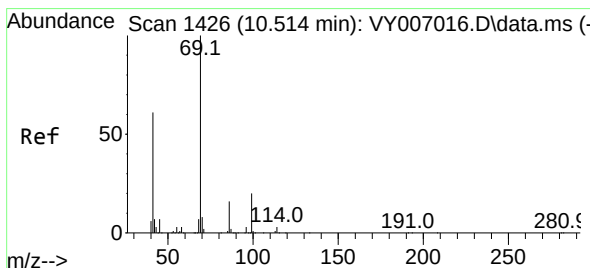
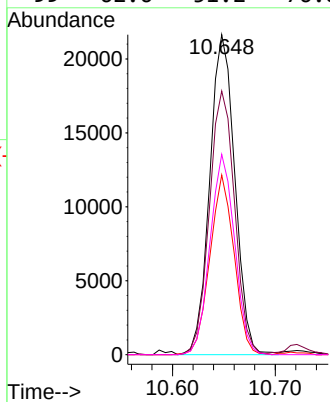
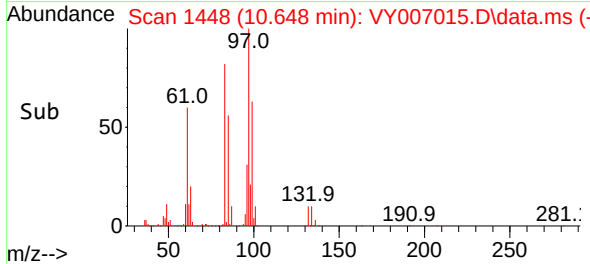
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 97 Resp: 3680
Ion Ratio Lower Upper
97 100
83 82.4 69.0 103.6
85 55.9 45.3 67.9
99 62.6 51.2 76.8

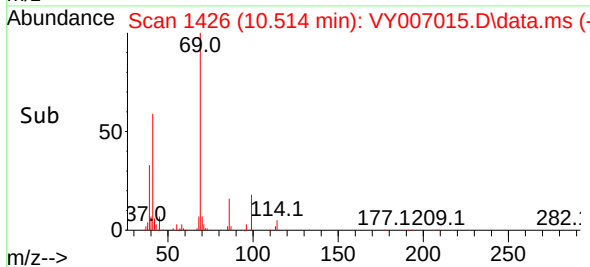
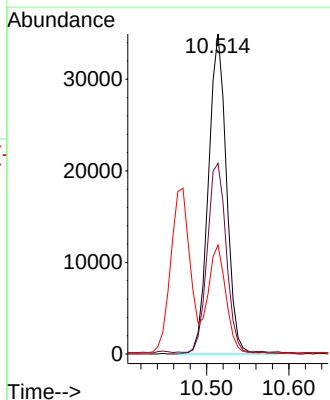
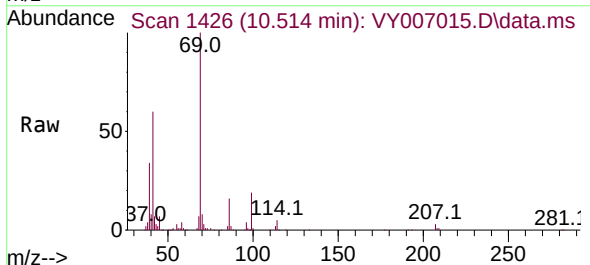
Manual Integrations
APPROVED

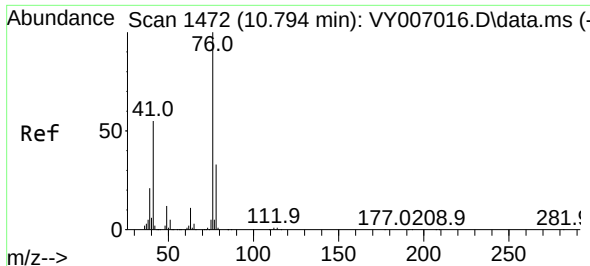
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/06/2022



#56
Ethyl methacrylate
Concen: 19.624 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. -0.000 min
Lab File: VY007015.D
Acq: 05 Jan 2022 12:51

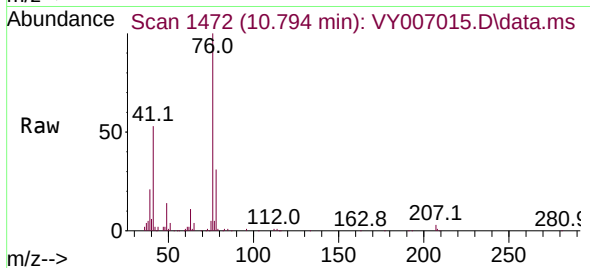
Tgt Ion: 69 Resp: 53327
Ion Ratio Lower Upper
69 100
41 61.6 49.2 73.8
39 33.4 26.6 40.0





#57
1,3-Dichloropropane
Concen: 19.477 ug/l
RT: 10.794 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VY007015.D
Acq: 05 Jan 2022 12:51

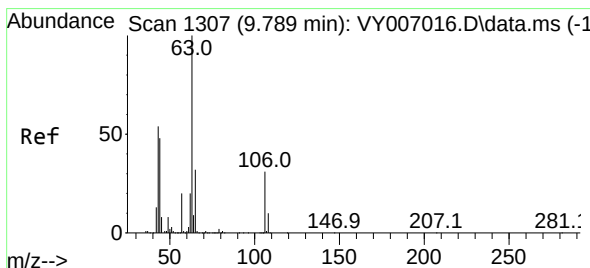
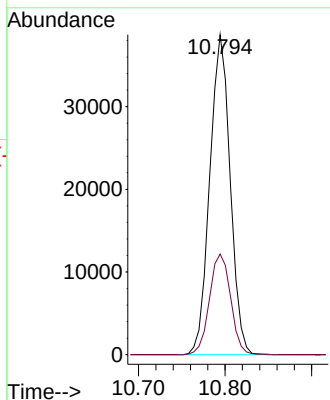
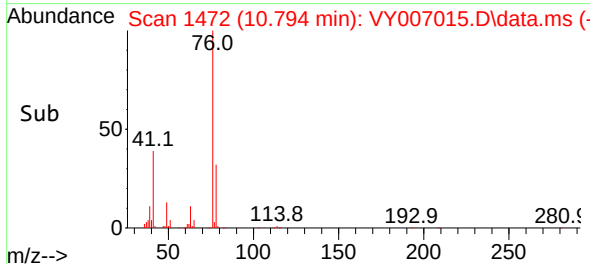
Instrument : MSVOA_Y
ClientSampleId : VSTDIC020



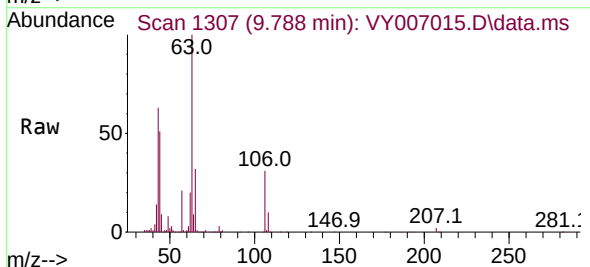
Tgt Ion: 76 Resp: 63240
Ion Ratio Lower Upper
76 100
78 32.6 26.0 39.0

Manual Integrations
APPROVED

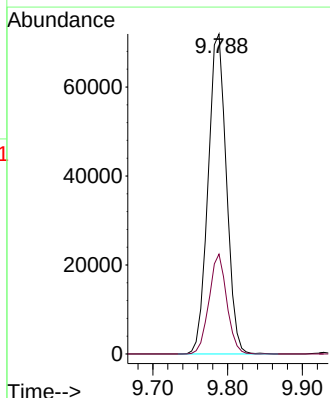
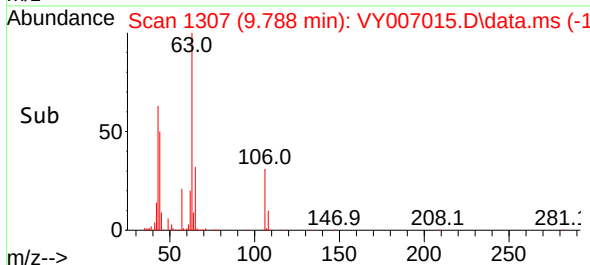
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/06/2022

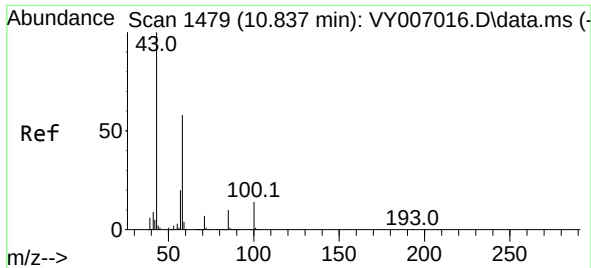


#58
2-Chloroethyl Vinyl ether
Concen: 93.939 ug/l
RT: 9.788 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VY007015.D
Acq: 05 Jan 2022 12:51



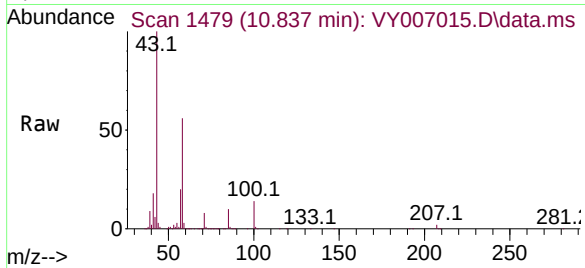
Tgt Ion: 63 Resp: 122374
Ion Ratio Lower Upper
63 100
106 30.2 24.4 36.6





#59
2-Hexanone
Concen: 83.687 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. -0.000 min
Lab File: VY007015.D
Acq: 05 Jan 2022 12:51

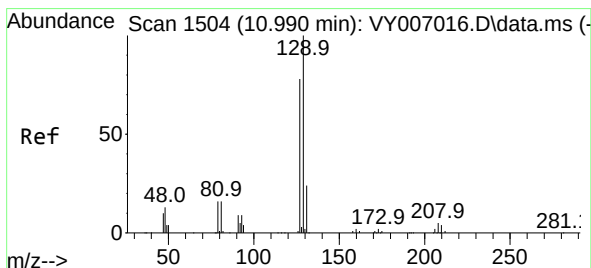
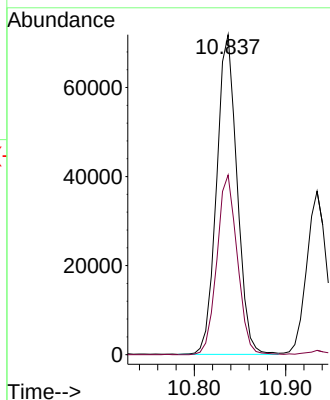
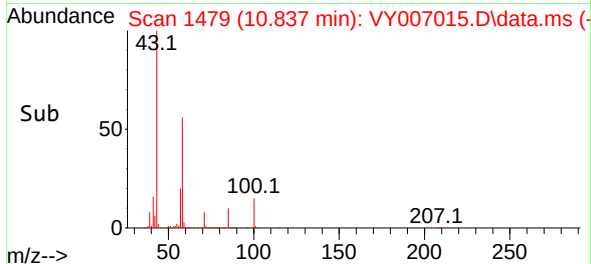
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



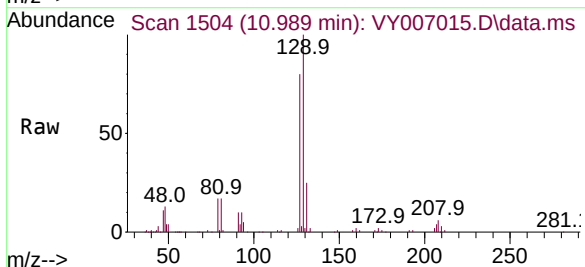
Tgt Ion: 43 Resp: 11178
Ion Ratio Lower Upper
43 100
58 56.0 28.6 85.8

Manual Integrations
APPROVED

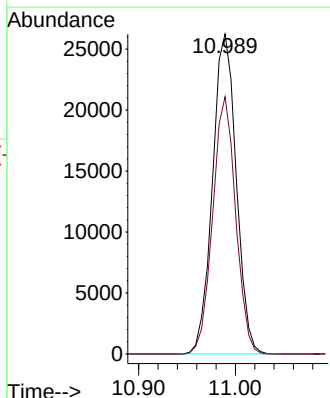
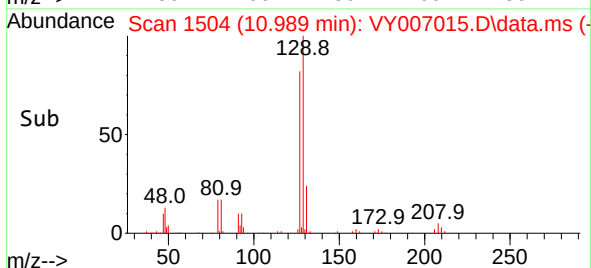
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/06/2022

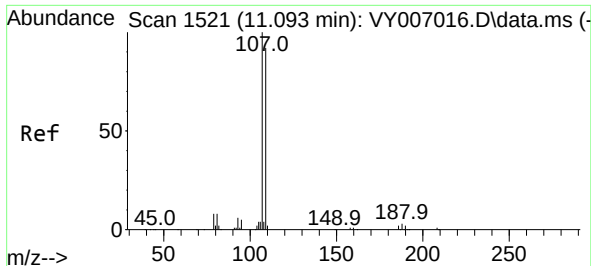


#60
Dibromochloromethane
Concen: 20.277 ug/l
RT: 10.989 min Scan# 1504
Delta R.T. -0.000 min
Lab File: VY007015.D
Acq: 05 Jan 2022 12:51



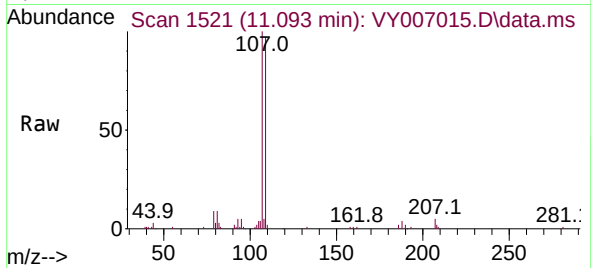
Tgt Ion:129 Resp: 44649
Ion Ratio Lower Upper
129 100
127 77.8 38.6 115.8





#61
1,2-Dibromoethane
Concen: 21.278 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. -0.000 min
Lab File: VY007015.D
Acq: 05 Jan 2022 12:51

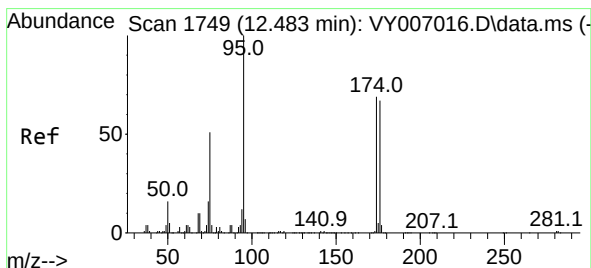
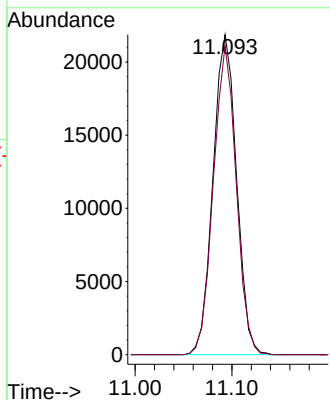
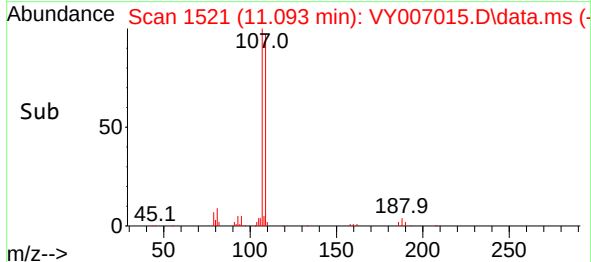
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



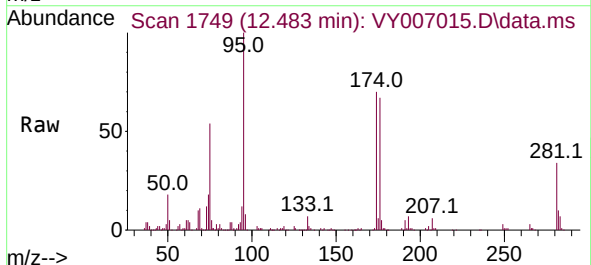
Tgt Ion:107 Resp: 36870
Ion Ratio Lower Upper
107 100
109 93.9 75.3 112.9

Manual Integrations
APPROVED

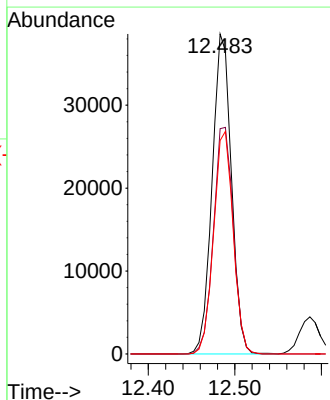
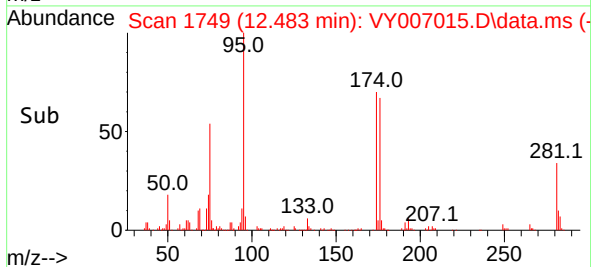
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/06/2022

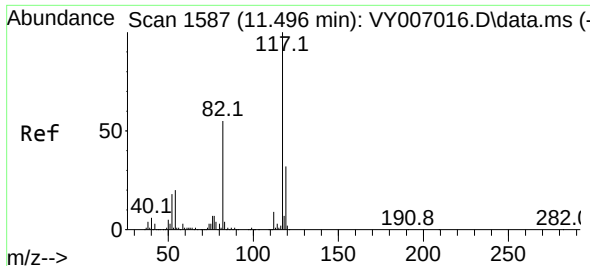


#62
4-Bromofluorobenzene
Concen: 22.258 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007015.D
Acq: 05 Jan 2022 12:51



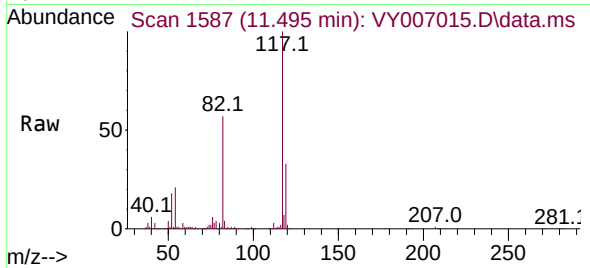
Tgt Ion: 95 Resp: 59613
Ion Ratio Lower Upper
95 100
174 72.9 0.0 144.6
176 70.3 0.0 141.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007015.D
Acq: 05 Jan 2022 12:51

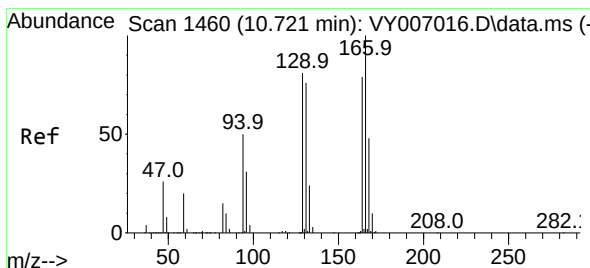
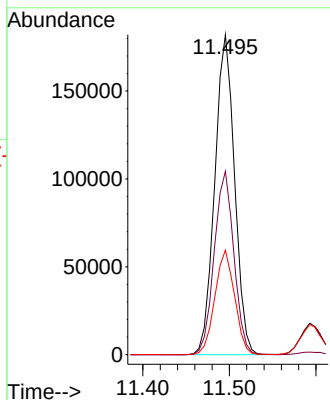
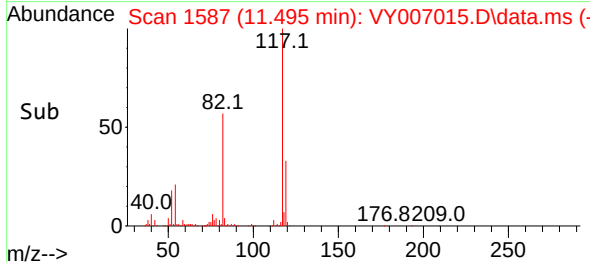
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



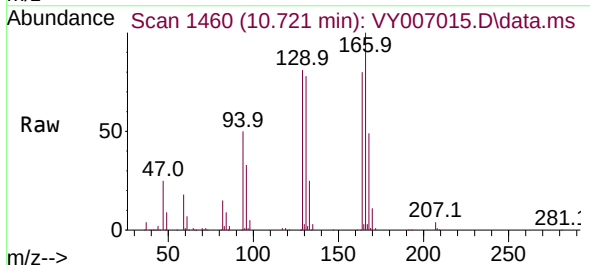
Tgt Ion:117 Resp: 28929
Ion Ratio Lower Upper
117 100
82 57.4 44.1 66.1
119 32.6 25.3 37.9

Manual Integrations
APPROVED

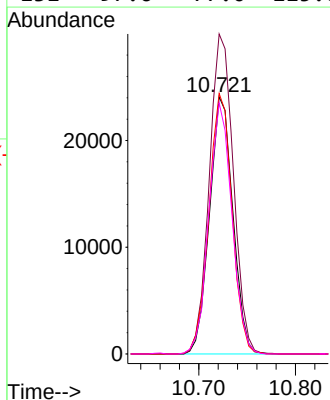
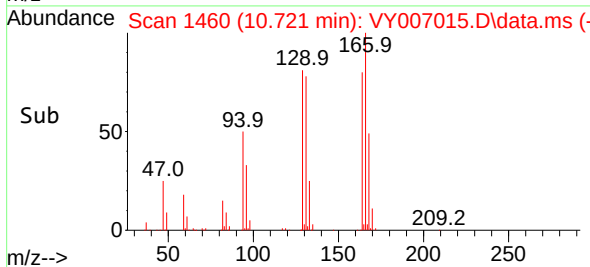
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/06/2022

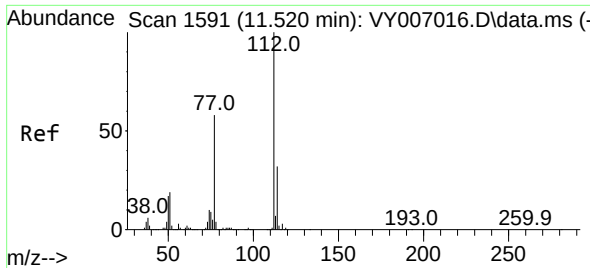


#64
Tetrachloroethene
Concen: 17.152 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY007015.D
Acq: 05 Jan 2022 12:51



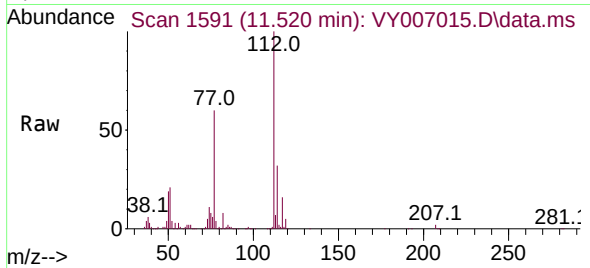
Tgt Ion:164 Resp: 40276
Ion Ratio Lower Upper
164 100
166 124.4 101.4 152.0
129 101.3 81.6 122.4
131 97.6 77.0 115.6





#65
Chlorobenzene
Concen: 20.332 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY007015.D
Acq: 05 Jan 2022 12:51

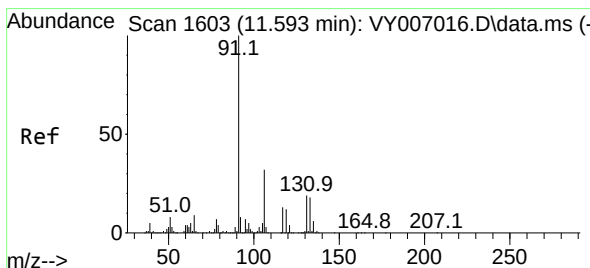
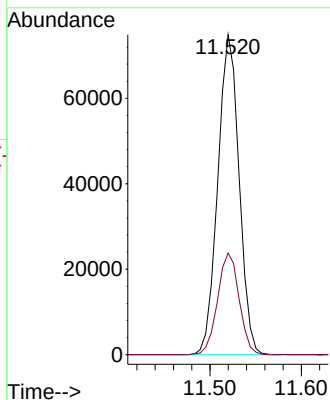
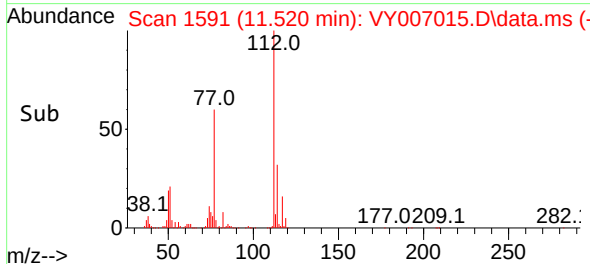
Instrument : MSVOA_Y
ClientSampleId : VSTDIC020



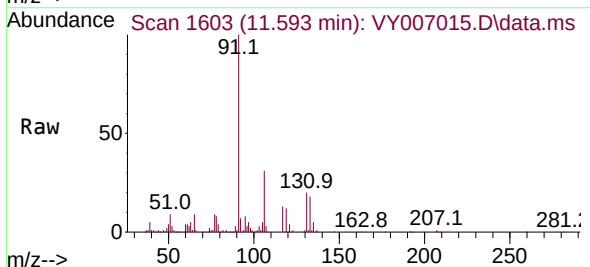
Tgt Ion:112 Resp: 12118
Ion Ratio Lower Upper
112 100
114 31.8 25.5 38.3

Manual Integrations
APPROVED

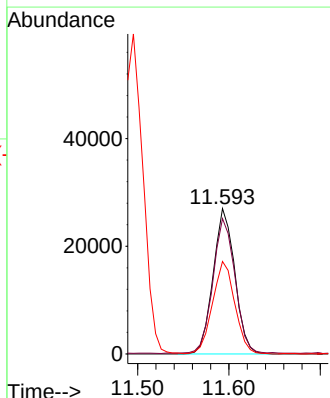
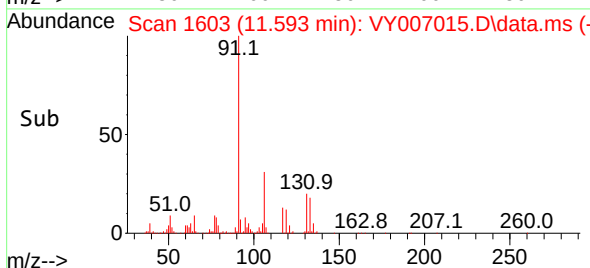
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/06/2022

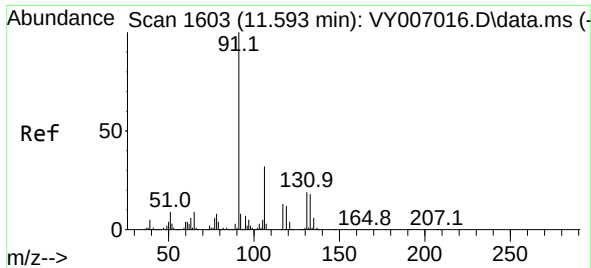


#66
1,1,1,2-Tetrachloroethane
Concen: 20.340 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY007015.D
Acq: 05 Jan 2022 12:51



Tgt Ion:131 Resp: 44428
Ion Ratio Lower Upper
131 100
133 95.9 47.6 142.8
119 65.6 32.5 97.5





#67

Ethyl Benzene

Concen: 20.243 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.006 min

Lab File: VY007015.D

Acq: 05 Jan 2022 12:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 91 Resp: 22657

Ion Ratio Lower Upper

91 100

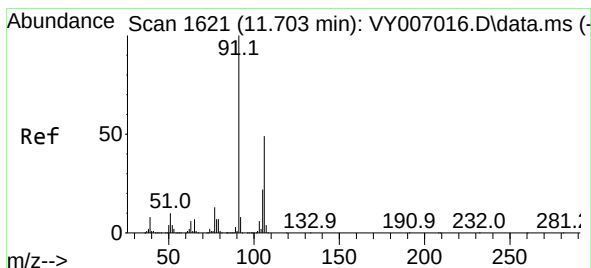
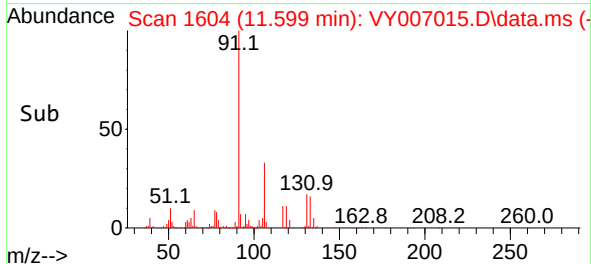
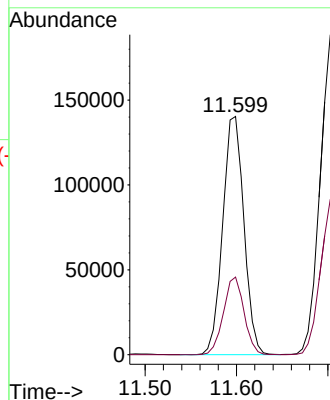
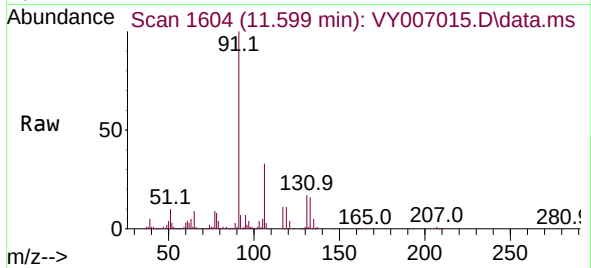
106 32.6 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/06/2022

Supervised By :Mahesh Dadoda 01/06/2022



#68

m/p-Xylenes

Concen: 40.582 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.006 min

Lab File: VY007015.D

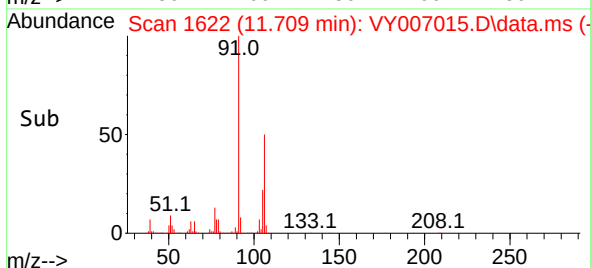
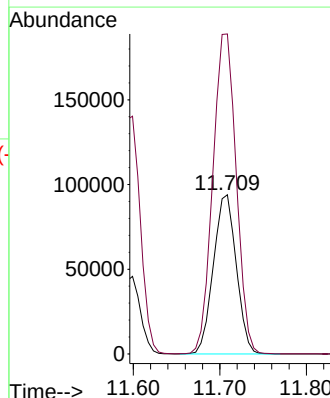
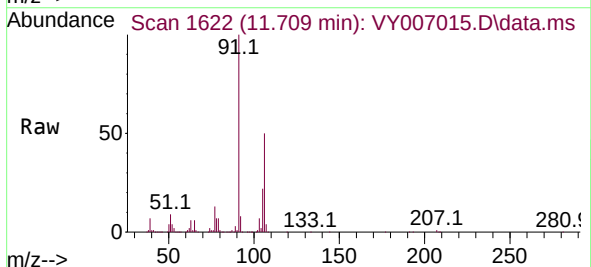
Acq: 05 Jan 2022 12:51

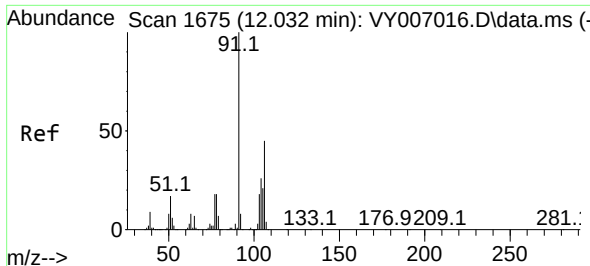
Tgt Ion:106 Resp: 172559

Ion Ratio Lower Upper

106 100

91 205.7 165.3 247.9





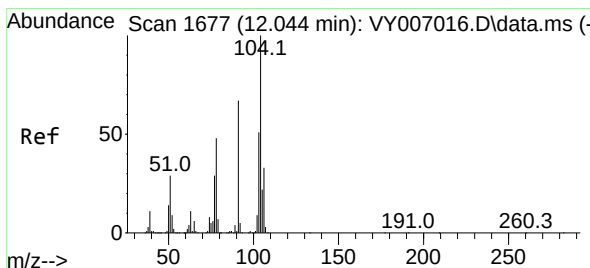
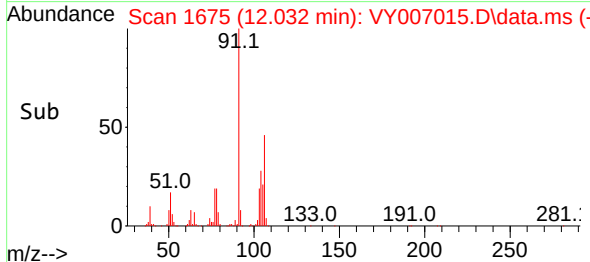
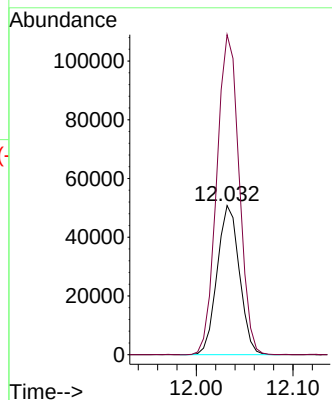
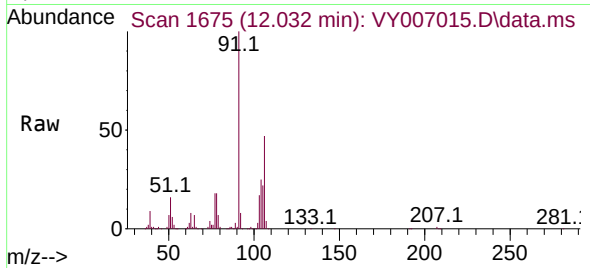
#69
o-Xylene
Concen: 20.261 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY007015.D
Acq: 05 Jan 2022 12:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 8118
Ion Ratio Lower Upper
106 100
91 216.0 108.3 324.8

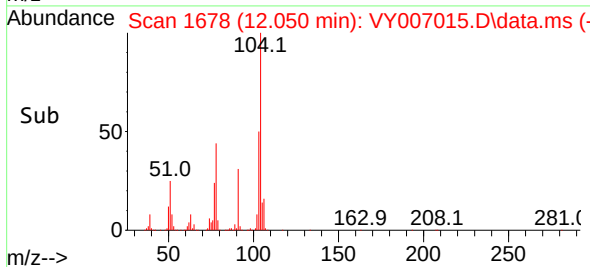
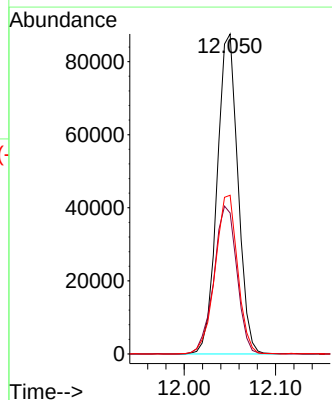
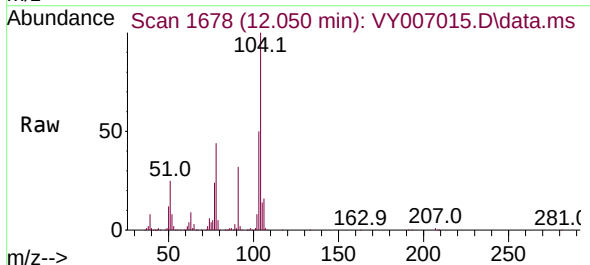
Manual Integrations
APPROVED

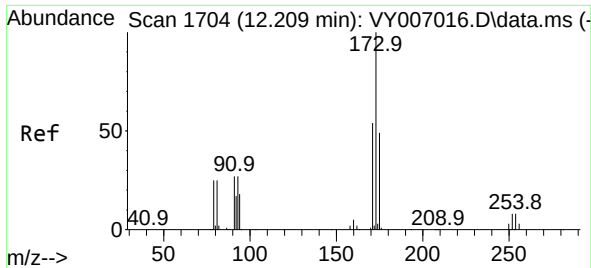
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/06/2022



#70
Styrene
Concen: 20.401 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY007015.D
Acq: 05 Jan 2022 12:51

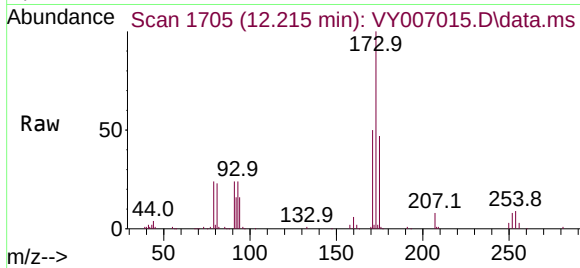
Tgt Ion:104 Resp: 138773
Ion Ratio Lower Upper
104 100
78 51.1 40.7 61.1
103 53.8 43.5 65.3





#71
Bromoform
Concen: 19.870 ug/l
RT: 12.215 min Scan# 1705
Delta R.T. 0.006 min
Lab File: VY007015.D
Acq: 05 Jan 2022 12:51

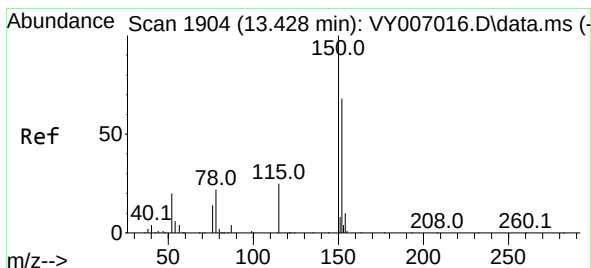
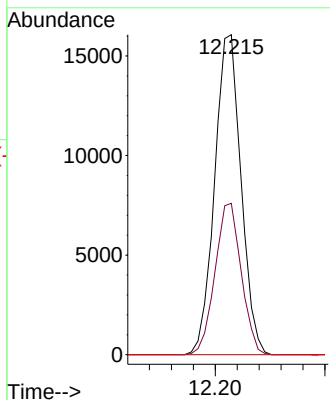
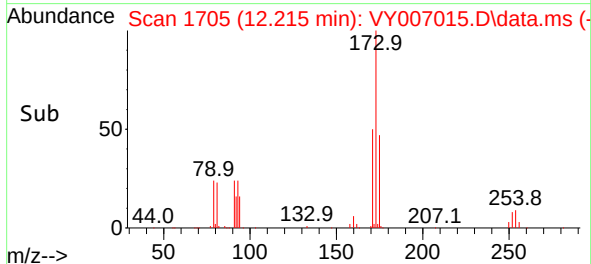
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



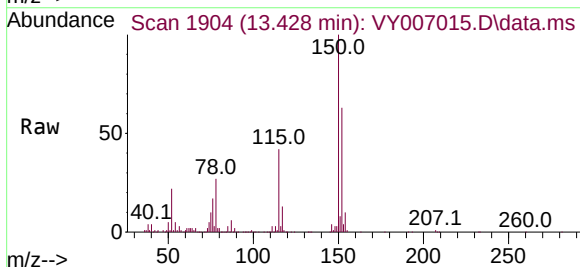
Tgt Ion:173 Resp: 2686
Ion Ratio Lower Upper
173 100
175 47.0 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

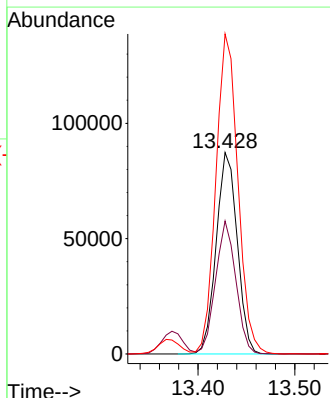
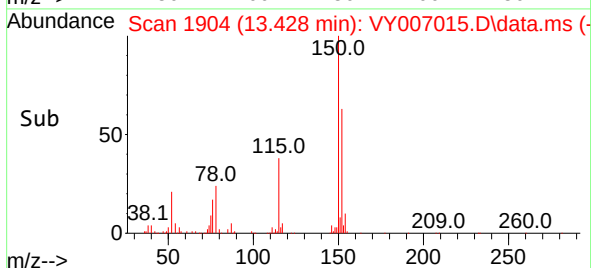
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/06/2022

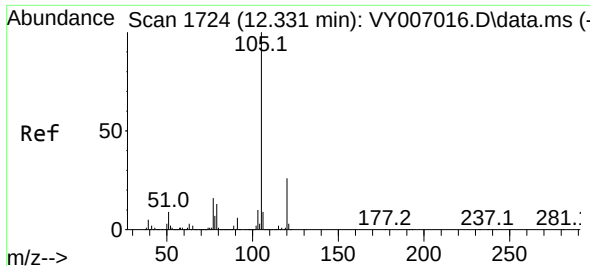


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY007015.D
Acq: 05 Jan 2022 12:51



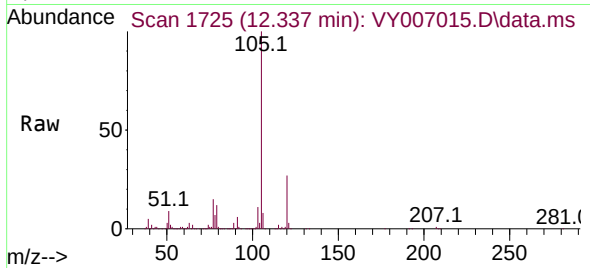
Tgt Ion:152 Resp: 131914
Ion Ratio Lower Upper
152 100
115 63.7 31.9 95.5
150 166.0 0.0 358.0





#73
Isopropylbenzene
Concen: 21.938 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. 0.006 min
Lab File: VY007015.D
Acq: 05 Jan 2022 12:51

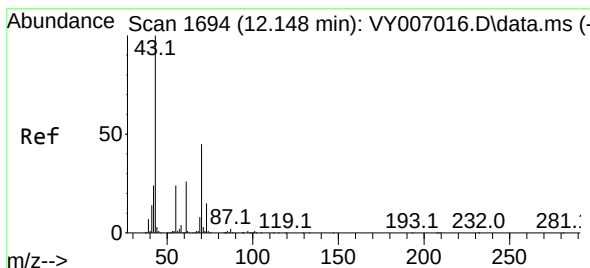
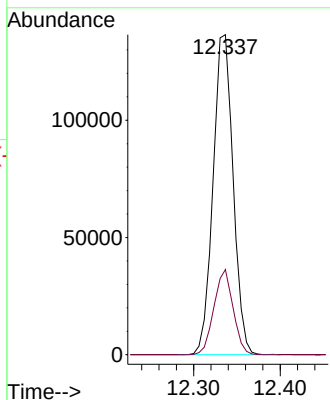
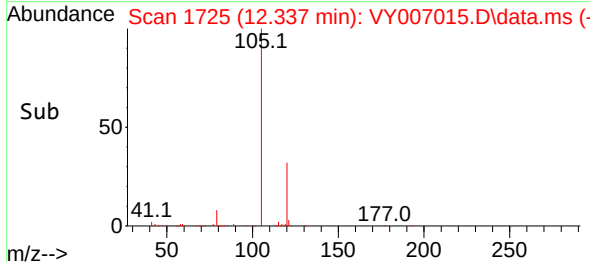
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion:105 Resp: 21943
Ion Ratio Lower Upper
105 100
120 25.4 13.2 39.5

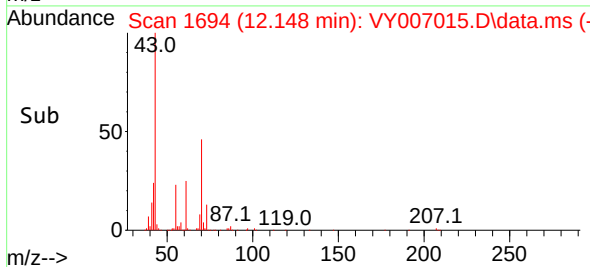
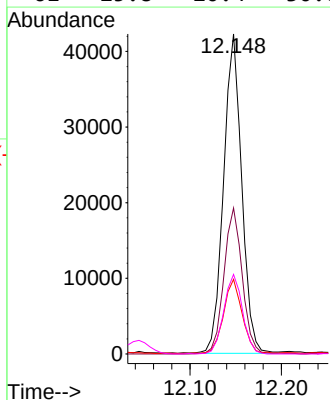
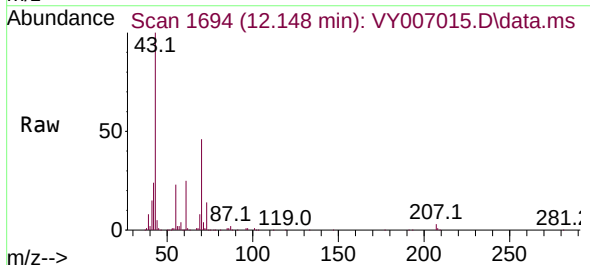
Manual Integrations
APPROVED

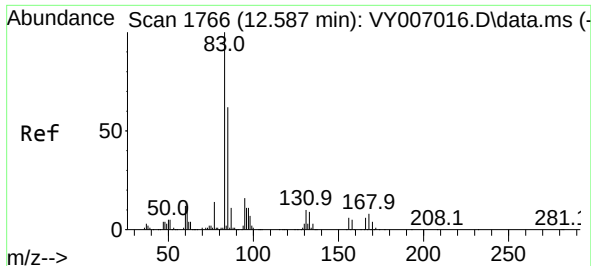
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/06/2022



#74
N-ethyl acetate
Concen: 19.386 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VY007015.D
Acq: 05 Jan 2022 12:51

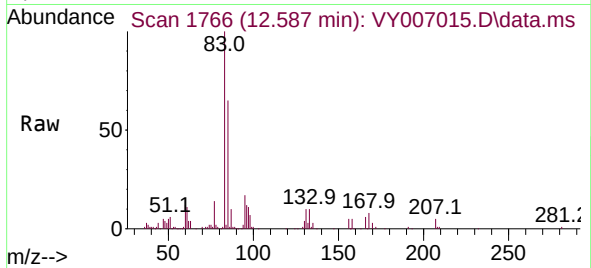
Tgt Ion: 43 Resp: 58174
Ion Ratio Lower Upper
43 100
70 46.4 36.0 54.0
55 23.9 19.0 28.4
61 25.8 20.4 30.6





#75
1,1,2,2-Tetrachloroethane
Concen: 23.301 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. -0.000 min
Lab File: VY007015.D
Acq: 05 Jan 2022 12:51

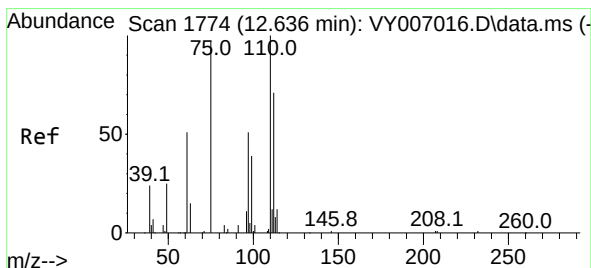
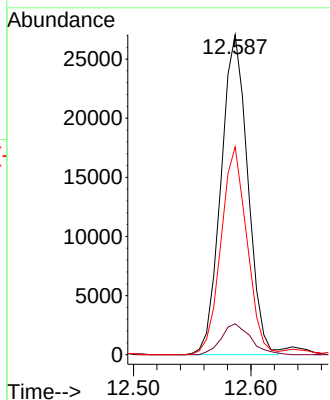
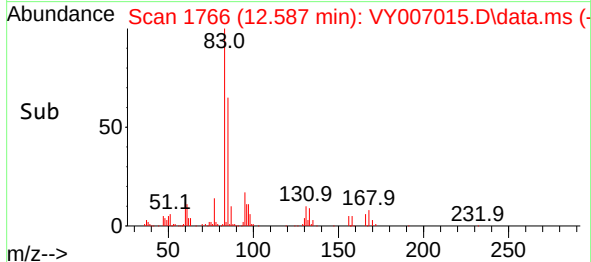
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 83 Resp: 42858
Ion Ratio Lower Upper
83 100
131 10.6 5.3 15.9
85 63.1 31.8 95.4

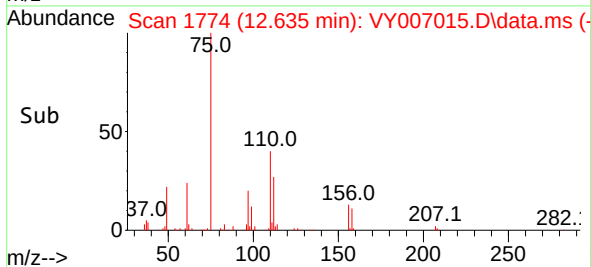
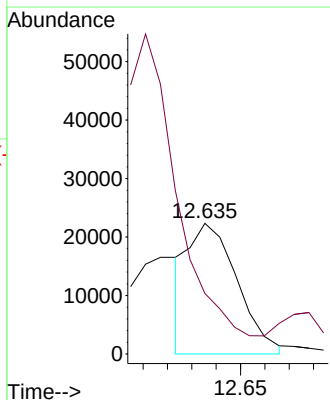
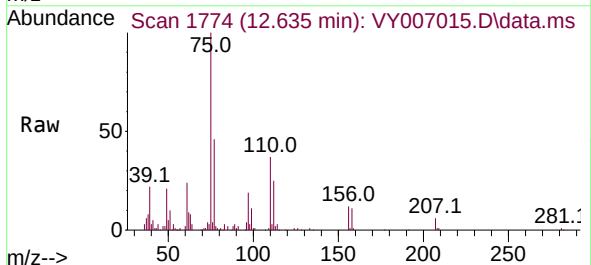
Manual Integrations
APPROVED

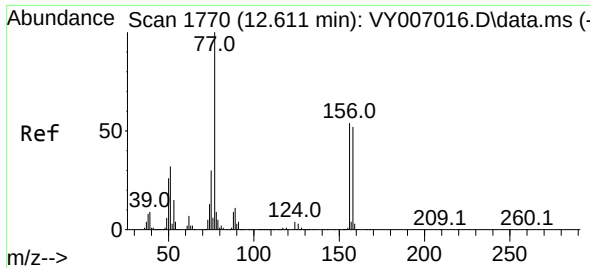
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/06/2022



#76
1,2,3-Trichloropropane
Concen: 22.784 ug/l m
RT: 12.635 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY007015.D
Acq: 05 Jan 2022 12:51

Tgt Ion: 75 Resp: 31407
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





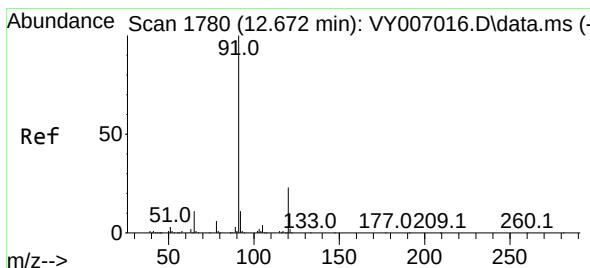
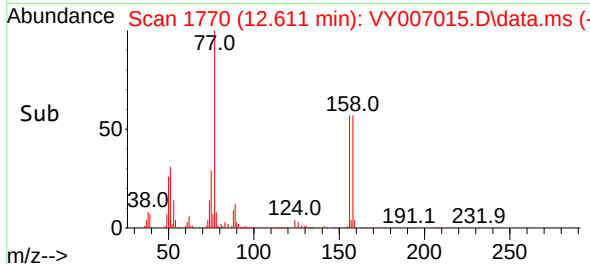
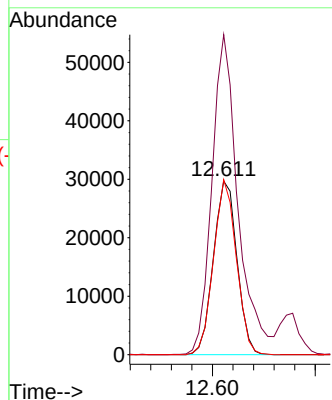
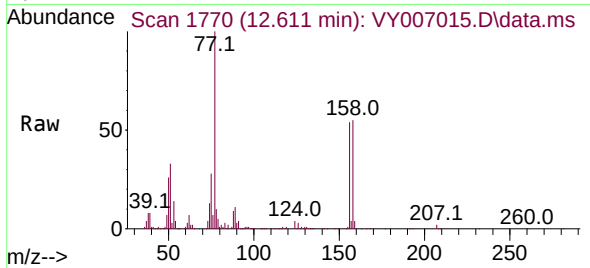
#77
Bromobenzene
Concen: 20.348 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. -0.000 min
Lab File: VY007015.D
Acq: 05 Jan 2022 12:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:156 Resp: 4720
Ion Ratio Lower Upper
156 100
77 204.7 99.5 298.5
158 97.5 47.9 143.6

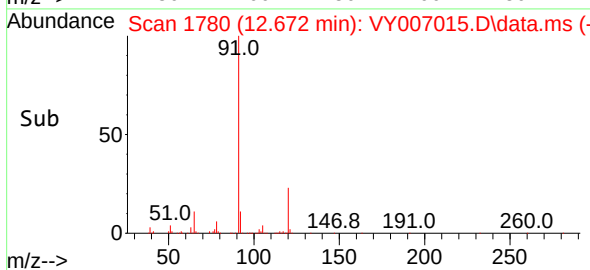
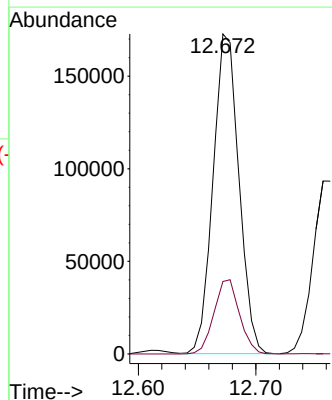
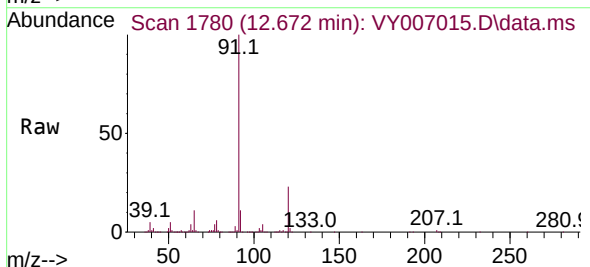
Manual Integrations
APPROVED

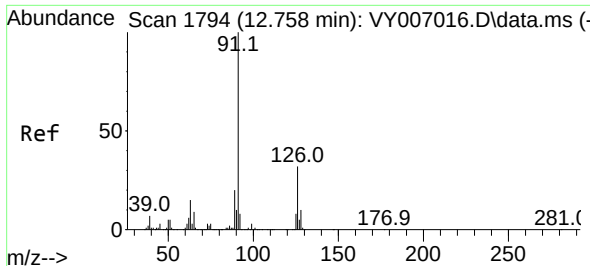
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/06/2022



#78
n-propylbenzene
Concen: 21.446 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY007015.D
Acq: 05 Jan 2022 12:51

Tgt Ion: 91 Resp: 263803
Ion Ratio Lower Upper
91 100
120 22.9 11.6 34.8





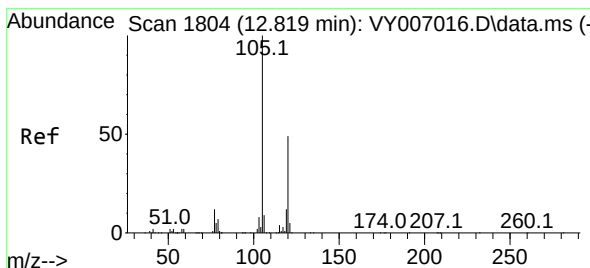
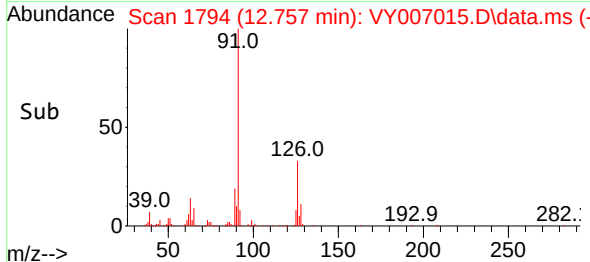
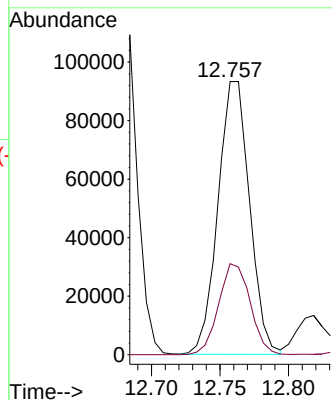
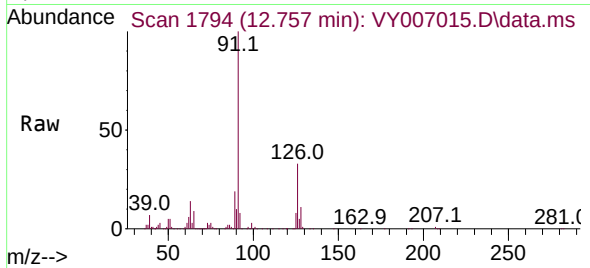
#79
2-Chlorotoluene
Concen: 21.876 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY007015.D
Acq: 05 Jan 2022 12:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 15002
Ion Ratio Lower Upper
91 100
126 33.2 16.4 49.4

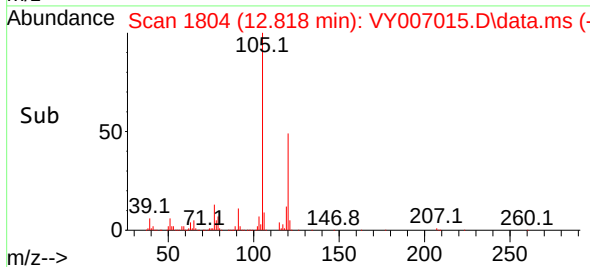
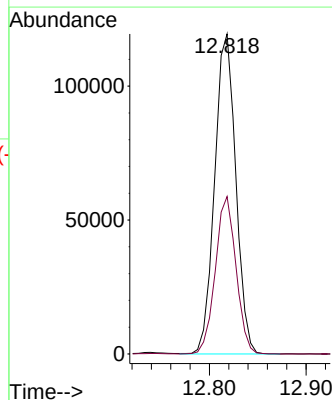
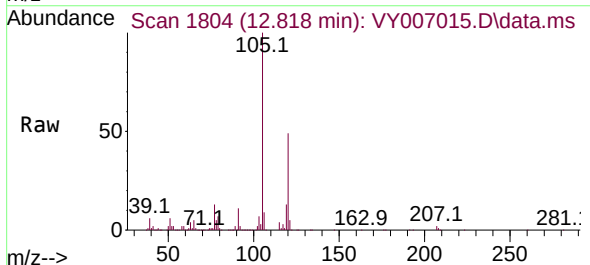
Manual Integrations
APPROVED

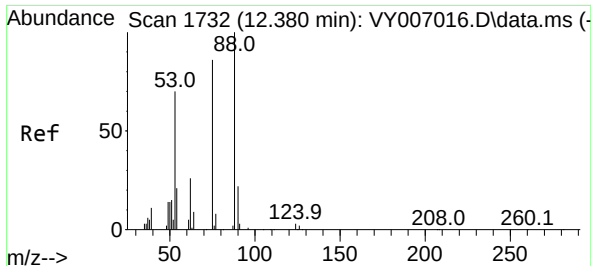
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/06/2022



#80
1,3,5-Trimethylbenzene
Concen: 21.700 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. -0.000 min
Lab File: VY007015.D
Acq: 05 Jan 2022 12:51

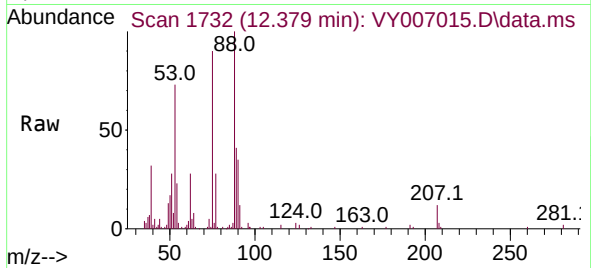
Tgt Ion:105 Resp: 180953
Ion Ratio Lower Upper
105 100
120 48.2 24.1 72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 23.254 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY007015.D
Acq: 05 Jan 2022 12:51

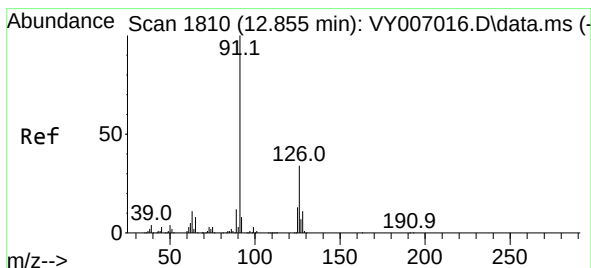
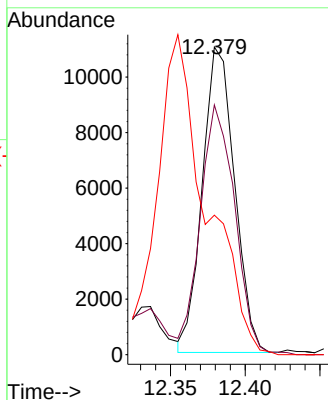
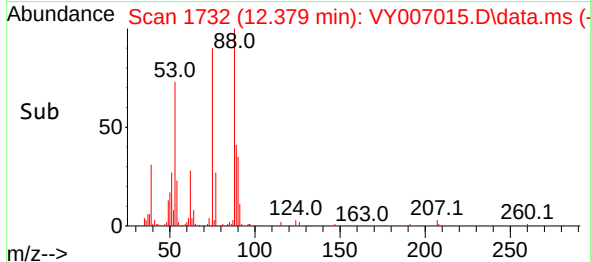
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



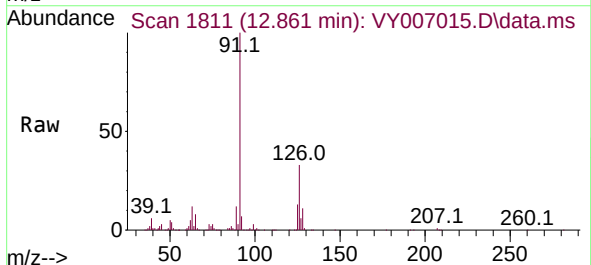
Tgt Ion: 75 Resp: 1648
Ion Ratio Lower Upper
75 100
53 87.7 72.2 108.4
89 0.0 0.0 0.0

Manual Integrations
APPROVED

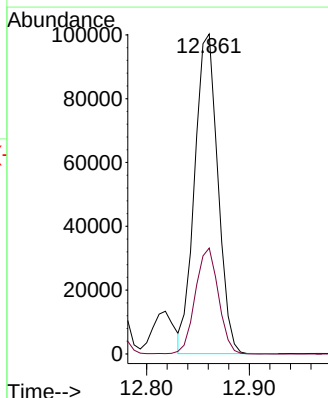
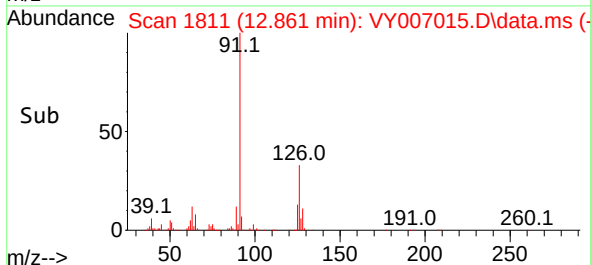
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/06/2022

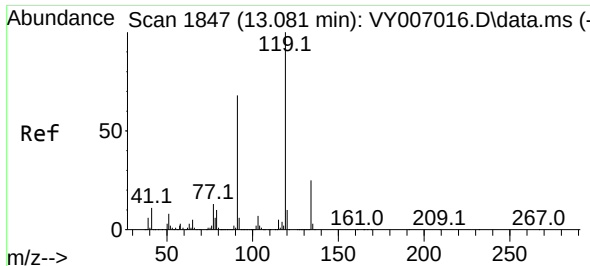


#82
4-Chlorotoluene
Concen: 22.172 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY007015.D
Acq: 05 Jan 2022 12:51



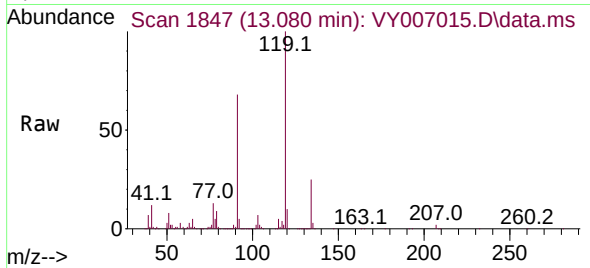
Tgt Ion: 91 Resp: 157138
Ion Ratio Lower Upper
91 100
126 33.1 16.6 49.7





#83
tert-Butylbenzene
Concen: 22.279 ug/l
RT: 13.080 min Scan# 1847
Delta R.T. -0.000 min
Lab File: VY007015.D
Acq: 05 Jan 2022 12:51

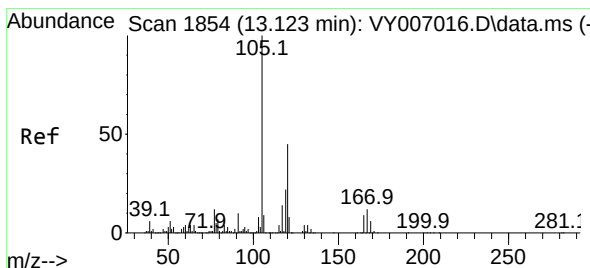
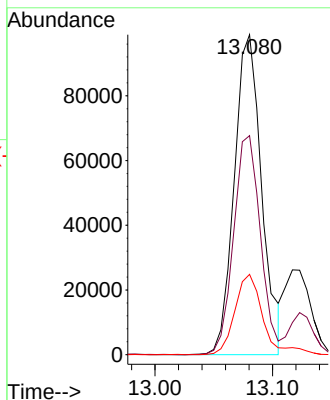
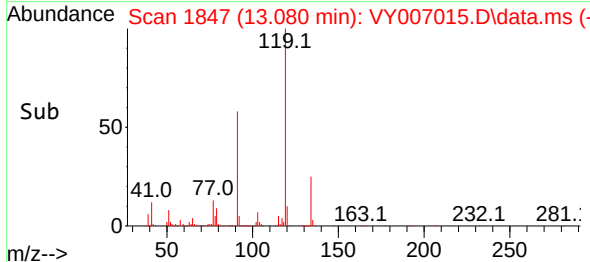
Instrument : MSVOA_Y
ClientSampleId : VSTDIC020



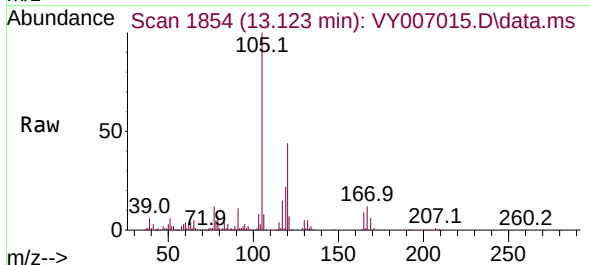
Tgt Ion:119 Resp: 159978
Ion Ratio Lower Upper
119 100
91 67.1 33.5 100.5
134 25.9 13.0 39.0

Manual Integrations
APPROVED

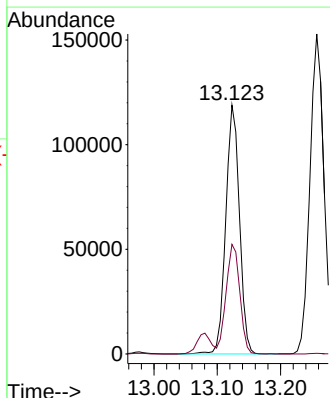
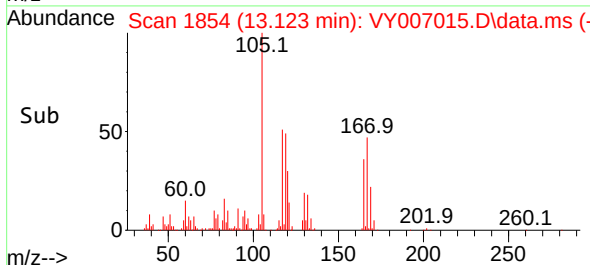
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/06/2022

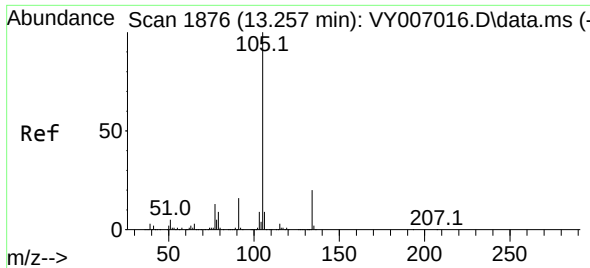


#84
1,2,4-Trimethylbenzene
Concen: 21.688 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY007015.D
Acq: 05 Jan 2022 12:51



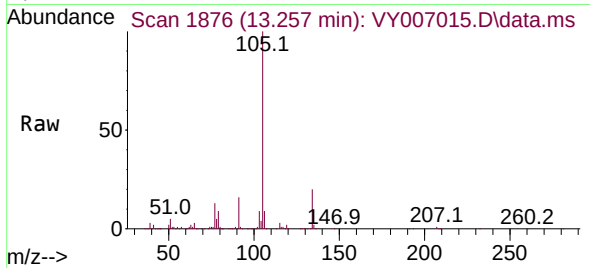
Tgt Ion:105 Resp: 178424
Ion Ratio Lower Upper
105 100
120 44.1 22.1 66.5





#85
 sec-Butylbenzene
 Concen: 21.651 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. -0.000 min
 Lab File: VY007015.D
 Acq: 05 Jan 2022 12:51

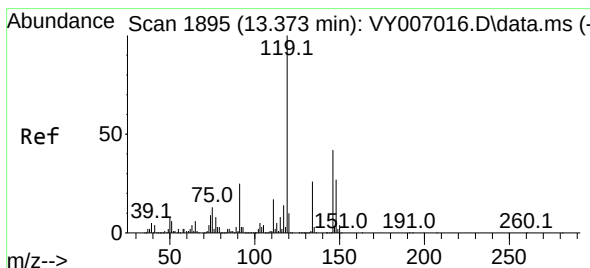
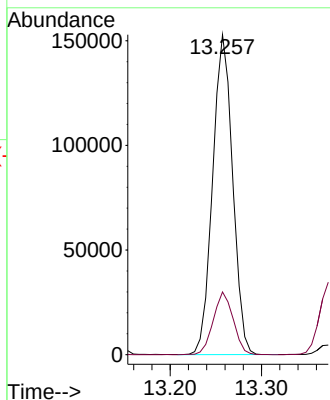
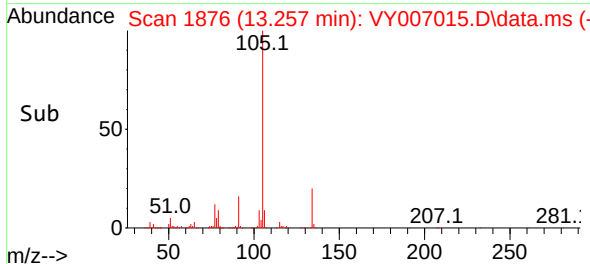
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020



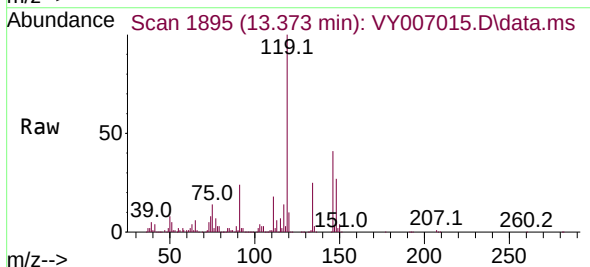
Tgt Ion:105 Resp: 23284
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.0 29.8

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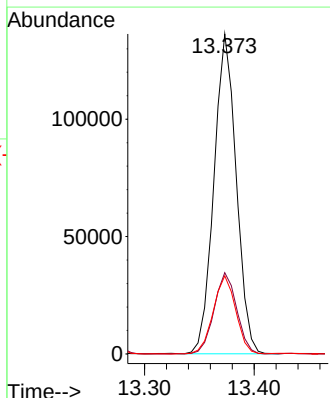
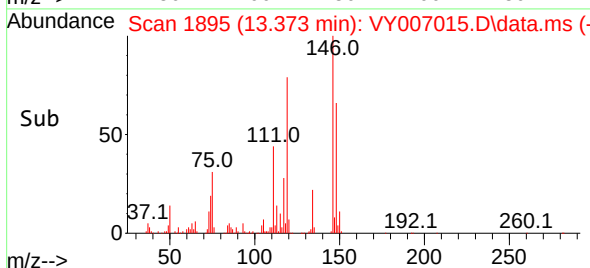
Reviewed By :John Carlone 01/06/2022
 Supervised By :Mahesh Dadoda 01/06/2022

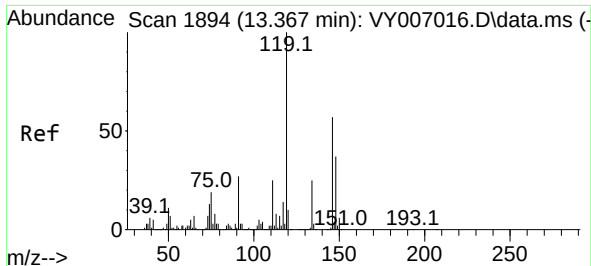


#86
 p-Isopropyltoluene
 Concen: 21.372 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. -0.000 min
 Lab File: VY007015.D
 Acq: 05 Jan 2022 12:51



Tgt Ion:119 Resp: 192744
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.0 38.9
 91 24.7 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 20.256 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY007015.D

Acq: 05 Jan 2022 12:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion:146 Resp: 9221

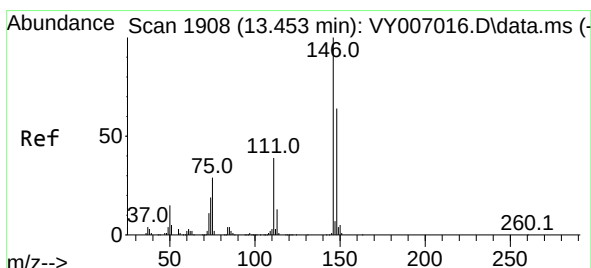
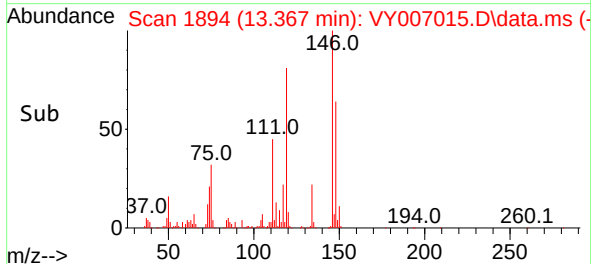
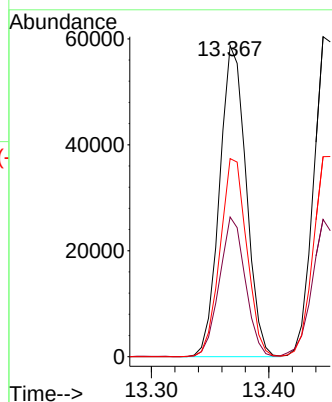
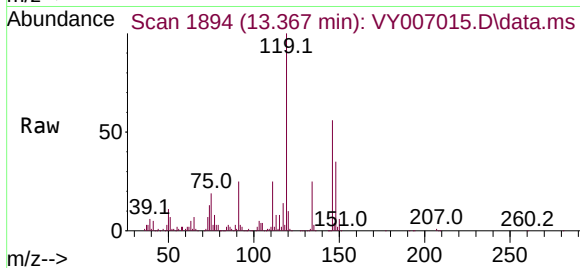
Ion	Ratio	Lower	Upper
146	100		
111	43.7	21.4	64.2
148	64.0	32.1	96.3

Manual Integrations

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Reviewed By :John Carlone 01/06/2022

Supervised By :Mahesh Dadoda 01/06/2022



#88

1,4-Dichlorobenzene

Concen: 20.706 ug/l

RT: 13.446 min Scan# 1907

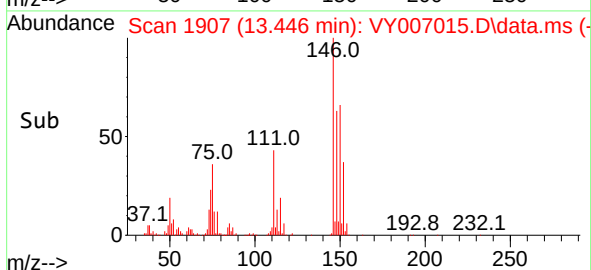
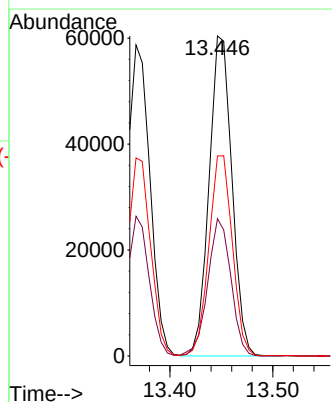
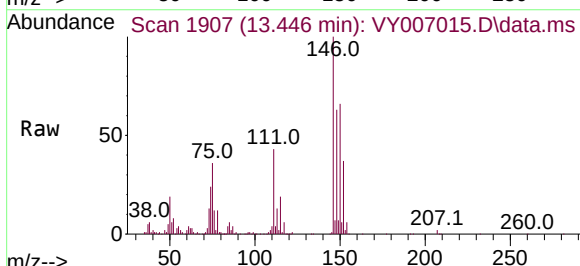
Delta R.T. -0.006 min

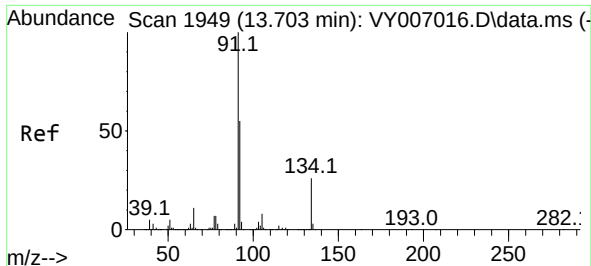
Lab File: VY007015.D

Acq: 05 Jan 2022 12:51

Tgt Ion:146 Resp: 93338

Ion	Ratio	Lower	Upper
146	100		
111	43.4	20.8	62.4
148	64.0	31.9	95.9





#89

n-Butylbenzene

Concen: 21.392 ug/l

RT: 13.702 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VY007015.D

Acq: 05 Jan 2022 12:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

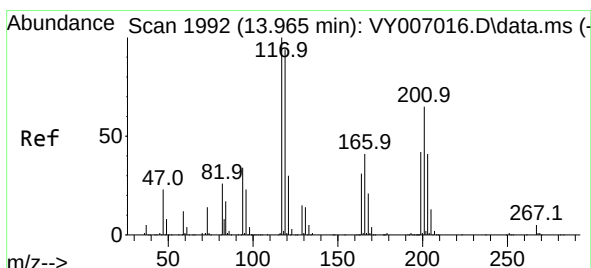
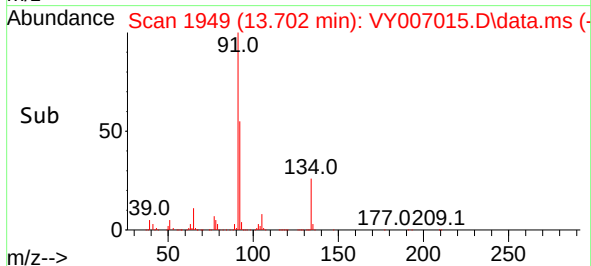
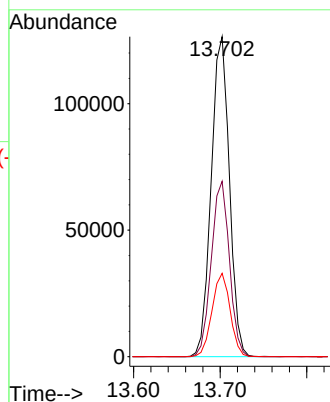
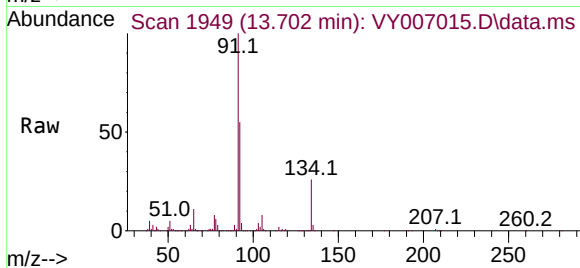
Tgt Ion:	91	Resp:	184544
Ion Ratio	Lower	Upper	
91	100		
92	54.6	27.1	81.3
134	26.0	12.9	38.7

Manual Integrations

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Reviewed By :John Carlone 01/06/2022

Supervised By :Mahesh Dadoda 01/06/2022



#90

Hexachloroethane

Concen: 22.847 ug/l

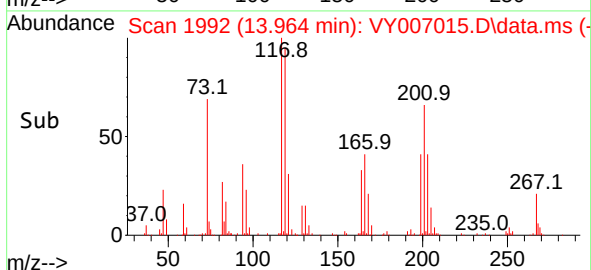
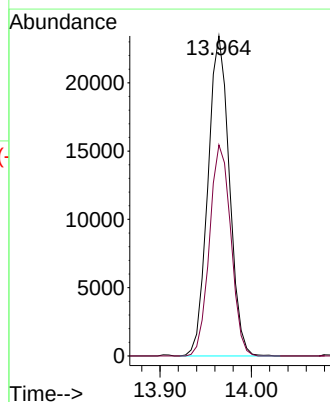
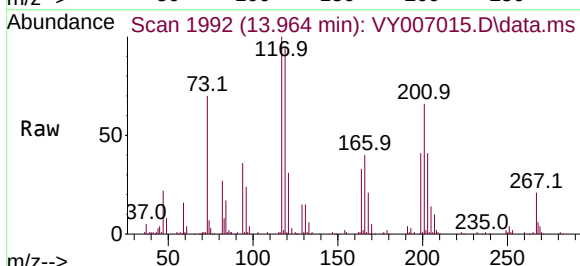
RT: 13.964 min Scan# 1992

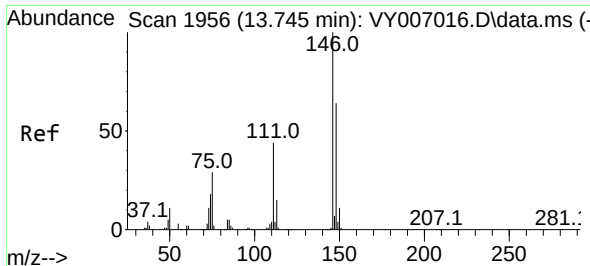
Delta R.T. -0.000 min

Lab File: VY007015.D

Acq: 05 Jan 2022 12:51

Tgt Ion:	117	Resp:	38092
Ion Ratio	Lower	Upper	
117	100		
201	65.7	34.2	102.5





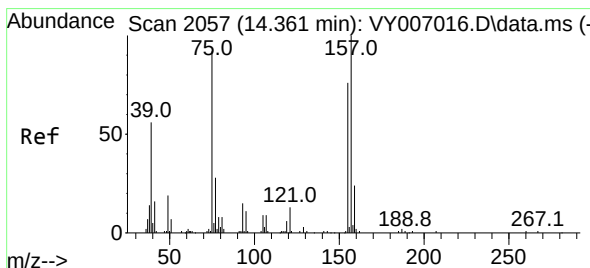
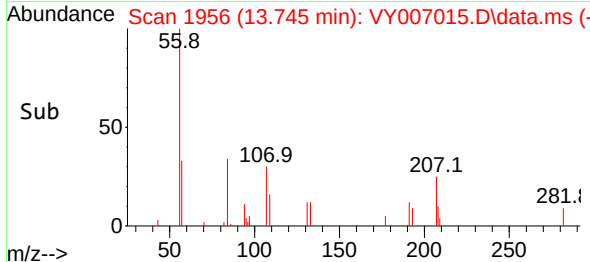
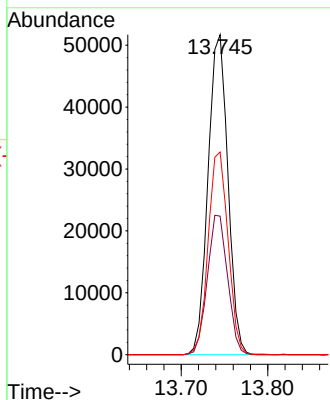
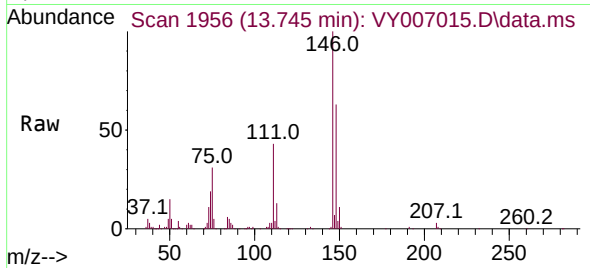
#91
1,2-Dichlorobenzene
Concen: 20.644 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VY007015.D
Acq: 05 Jan 2022 12:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:	146	Resp:	8237
Ion Ratio	Lower	Upper	
146	100		
111	44.4	22.2	66.6
148	63.5	31.8	95.4

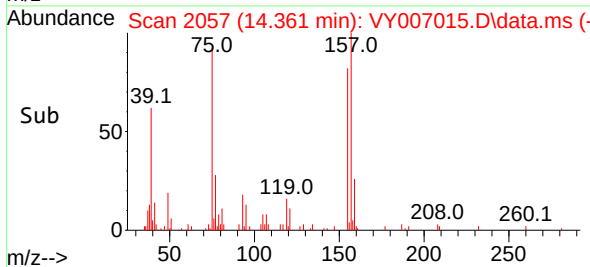
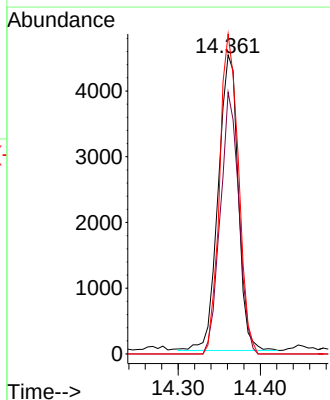
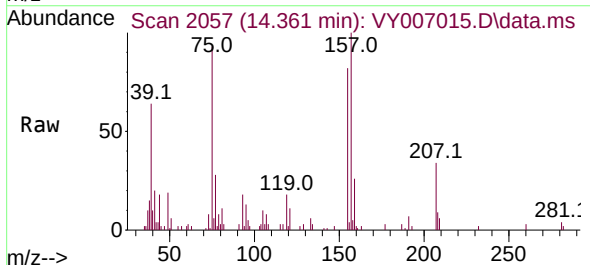
Manual Integrations
APPROVED

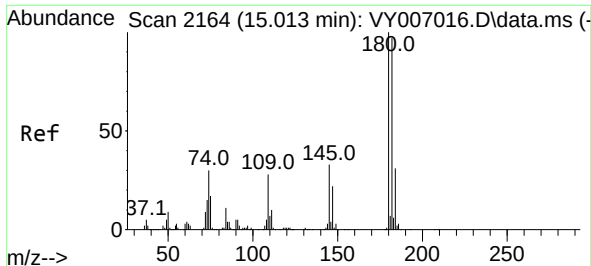
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/06/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.896 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VY007015.D
Acq: 05 Jan 2022 12:51

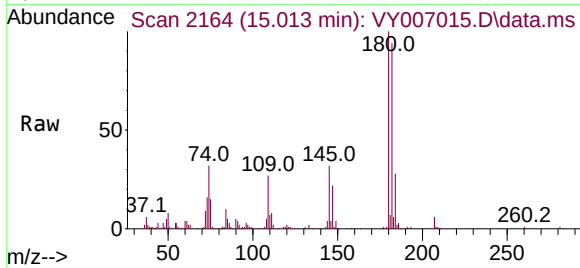
Tgt Ion:	75	Resp:	7568
Ion Ratio	Lower	Upper	
75	100		
155	82.0	41.8	125.3
157	102.1	52.9	158.8





#93
1,2,4-Trichlorobenzene
Concen: 19.315 ug/l
RT: 15.013 min Scan# 2164
Delta R.T. -0.000 min
Lab File: VY007015.D
Acq: 05 Jan 2022 12:51

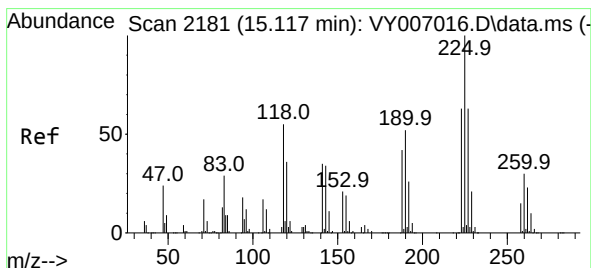
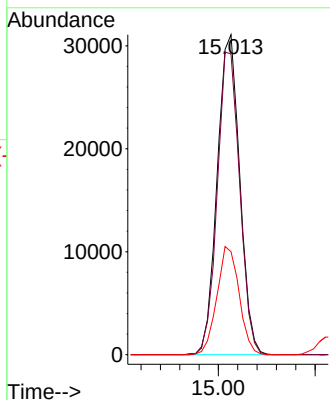
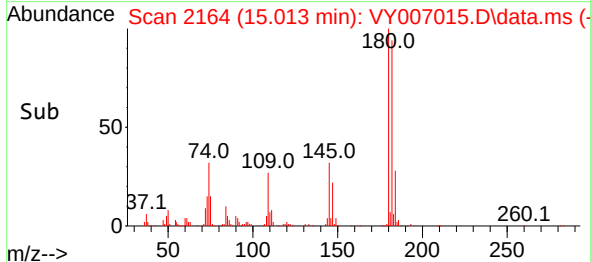
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



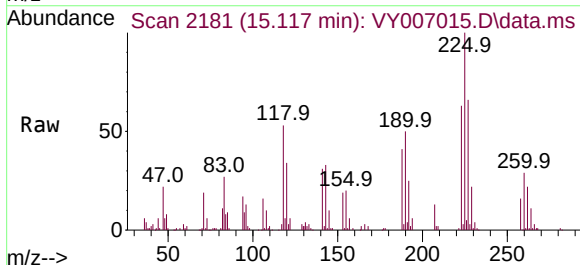
Tgt Ion:180 Resp: 50109
Ion Ratio Lower Upper
180 100
182 94.2 47.1 141.3
145 33.4 17.0 51.0

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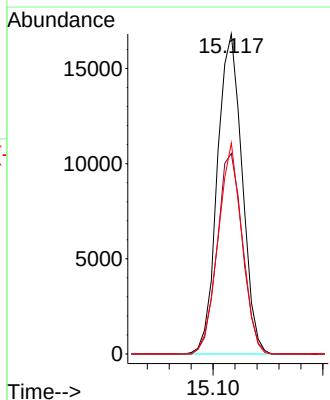
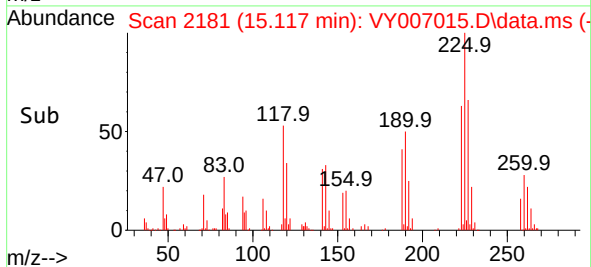
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/06/2022

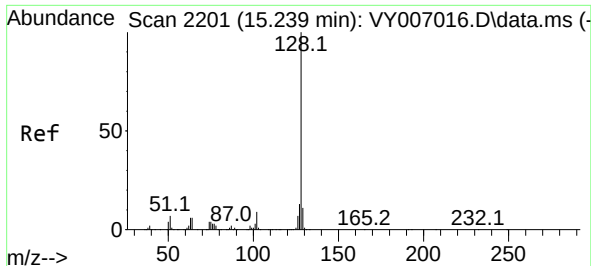


#94
Hexachlorobutadiene
Concen: 16.196 ug/l
RT: 15.117 min Scan# 2181
Delta R.T. -0.000 min
Lab File: VY007015.D
Acq: 05 Jan 2022 12:51



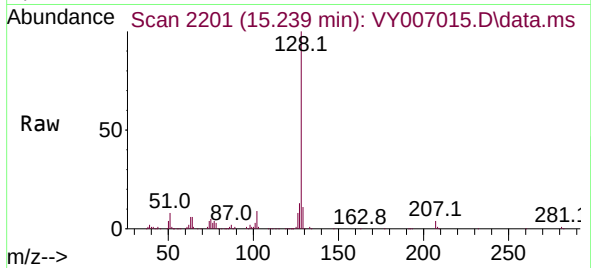
Tgt Ion:225 Resp: 26401
Ion Ratio Lower Upper
225 100
223 64.1 31.6 95.0
227 63.8 31.6 94.8





#95
Naphthalene
Concen: 21.166 ug/l
RT: 15.239 min Scan# 211900
Delta R.T. -0.000 min
Lab File: VY007015.D
Acq: 05 Jan 2022 12:51

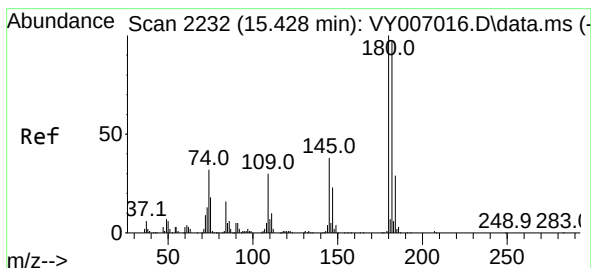
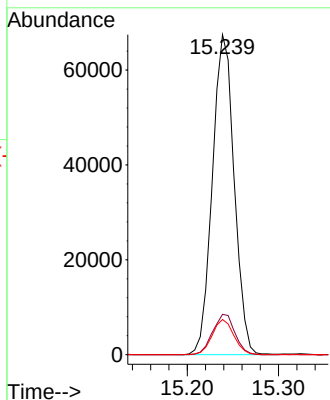
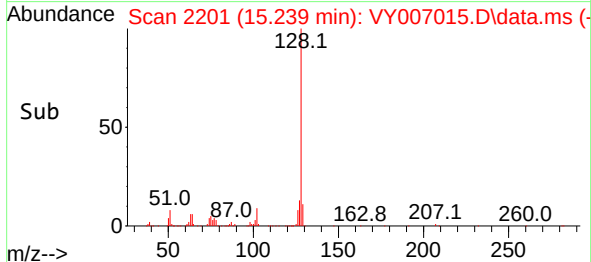
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



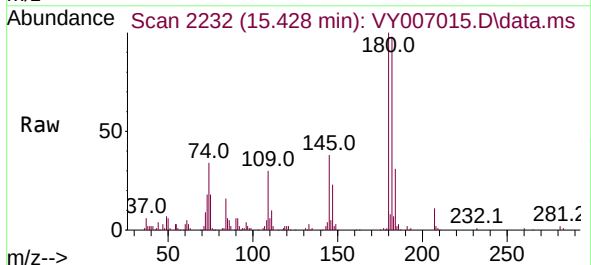
Tgt Ion:128 Resp: 111900
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 10.9 8.6 13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 18.610 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY007015.D
Acq: 05 Jan 2022 12:51



Tgt Ion:180 Resp: 42664
Ion Ratio Lower Upper
180 100
182 98.1 46.9 140.7
145 36.6 18.0 54.0

