

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052322\
 Data File : VY009047.D
 Acq On : 24 May 2022 07:48
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/24/2022
 Supervised By : Mahesh Dadoda 05/24/2022

Quant Time: May 24 08:14:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	116820	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	203065	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	206720	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	134397	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	53756	44.711	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.420%		
35) Dibromofluoromethane	7.722	113	58313	46.180	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.360%		
50) Toluene-d8	10.179	98	193726	41.586	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	83.180%		
62) 4-Bromofluorobenzene	12.477	95	100729	53.603	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	107.200%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	54921	51.402	ug/l	97
3) Chloromethane	2.113	50	88129	57.574	ug/l	95
4) Vinyl Chloride	2.247	62	121302	53.489	ug/l	98
5) Bromomethane	2.644	94	102304	46.021	ug/l	98
6) Chloroethane	2.790	64	83795	52.157	ug/l	99
7) Trichlorofluoromethane	3.125	101	95483	49.579	ug/l	92
8) Diethyl Ether	3.528	74	33979	56.425	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.893	101	58872	49.738	ug/l	95
10) Methyl Iodide	4.088	142	75621	61.872	ug/l	92
11) Tert butyl alcohol	4.948	59	31785	260.636	ug/l #	92
12) 1,1-Dichloroethene	3.869	96	58754	53.472	ug/l	88
13) Acrolein	3.729	56	4418	110.061	ug/l	98
14) Allyl chloride	4.479	41	89718	54.181	ug/l #	87
15) Acrylonitrile	5.161	53	96798	287.088	ug/l	98
16) Acetone	3.942	43	68422	273.398	ug/l	96
17) Carbon Disulfide	4.192	76	189694	52.844	ug/l	98
18) Methyl Acetate	4.479	43	50633	64.971	ug/l #	90
19) Methyl tert-butyl Ether	5.222	73	185744	56.320	ug/l	96
20) Methylene Chloride	4.716	84	82570	60.800	ug/l #	80
21) trans-1,2-Dichloroethene	5.216	96	76411	54.180	ug/l #	80
22) Diisopropyl ether	6.119	45	227728	57.244	ug/l #	94
23) Vinyl Acetate	6.058	43	752485	285.951	ug/l #	93
24) 1,1-Dichloroethane	6.015	63	133875	56.263	ug/l	99
25) 2-Butanone	6.984	43	129386	289.453	ug/l #	85
26) 2,2-Dichloropropane	6.978	77	95768	43.692	ug/l	93
27) cis-1,2-Dichloroethene	6.984	96	86412	54.353	ug/l	88
28) Bromochloromethane	7.332	49	44777	54.826	ug/l #	88
29) Tetrahydrofuran	7.344	42	90001	296.408	ug/l #	86
30) Chloroform	7.502	83	141761	55.192	ug/l	99
31) Cyclohexane	7.783	56	116087	49.355	ug/l	89
32) 1,1,1-Trichloroethane	7.704	97	125665	53.927	ug/l	98
36) 1,1-Dichloropropene	7.917	75	107357	49.958	ug/l	97
37) Ethyl Acetate	7.076	43	60587	54.352	ug/l	97
38) Carbon Tetrachloride	7.899	117	112032	49.836	ug/l	98
39) Methylcyclohexane	9.179	83	137488	49.566	ug/l	90
40) Benzene	8.161	78	330874	53.395	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	31333m	54.471	ug/l	
42) 1,2-Dichloroethane	8.234	62	99507	54.686	ug/l	94
43) Isopropyl Acetate	8.271	43	117834	56.850	ug/l #	93
44) Trichloroethene	8.935	130	85916	52.363	ug/l	96
45) 1,2-Dichloropropane	9.216	63	81971	55.091	ug/l	95
46) Dibromomethane	9.307	93	50821	53.716	ug/l	93
47) Bromodichloromethane	9.496	83	115997	53.647	ug/l	98
48) Methyl methacrylate	9.289	41	54191	58.552	ug/l #	87
49) 1,4-Dioxane	9.301	88	14171	1120.472	ug/l #	81
51) 4-Methyl-2-Pentanone	10.069	43	338624	295.198	ug/l	91
52) Toluene	10.246	92	233552	53.932	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	121232	52.798	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	128047	51.874	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	71254	53.831	ug/l	97
56) Ethyl methacrylate	10.508	69	97196	57.435	ug/l #	83
57) 1,3-Dichloropropane	10.788	76	120709	55.904	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	197246	269.413	ug/l	97
59) 2-Hexanone	10.831	43	235733	300.146	ug/l	89
60) Dibromochloromethane	10.984	129	87203	54.348	ug/l	100
61) 1,2-Dibromoethane	11.087	107	71747	54.700	ug/l	99
64) Tetrachloroethene	10.715	164	75755	50.348	ug/l	97
65) Chlorobenzene	11.514	112	247011	52.060	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	92869	53.455	ug/l	96
67) Ethyl Benzene	11.593	91	460085	53.807	ug/l	97
68) m/p-Xylenes	11.703	106	389377	112.176	ug/l	91
69) o-Xylene	12.026	106	179479	55.681	ug/l	92
70) Styrene	12.044	104	320098	57.745	ug/l	94
71) Bromoform	12.209	173	65384	56.772	ug/l #	98
73) Isopropylbenzene	12.331	105	489446	48.704	ug/l	100
74) N-amyl acetate	12.142	43	122656	52.900	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.581	83	100390	48.494	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	73909m	51.210	ug/l	
77) Bromobenzene	12.611	156	111746	47.969	ug/l	95
78) n-propylbenzene	12.672	91	604661	52.078	ug/l	100
79) 2-Chlorotoluene	12.758	91	336617	50.262	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	431031	51.172	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	31551	44.870	ug/l	86
82) 4-Chlorotoluene	12.855	91	368255	51.409	ug/l	96
83) tert-Butylbenzene	13.075	119	374014	50.049	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	435174	52.043	ug/l	97
85) sec-Butylbenzene	13.251	105	582418	50.939	ug/l	100
86) p-Isopropyltoluene	13.367	119	496818	52.107	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	251834	50.678	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	250073	50.090	ug/l	99
89) n-Butylbenzene	13.696	91	438995	50.327	ug/l	100
90) Hexachloroethane	13.959	117	87267	48.840	ug/l	84
91) 1,2-Dichlorobenzene	13.739	146	225034	51.301	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	15556	48.401	ug/l	81
93) 1,2,4-Trichlorobenzene	15.007	180	110171	45.763	ug/l	99
94) Hexachlorobutadiene	15.111	225	58072	44.258	ug/l	98
95) Naphthalene	15.239	128	240575	49.744	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	97662	46.683	ug/l	99

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

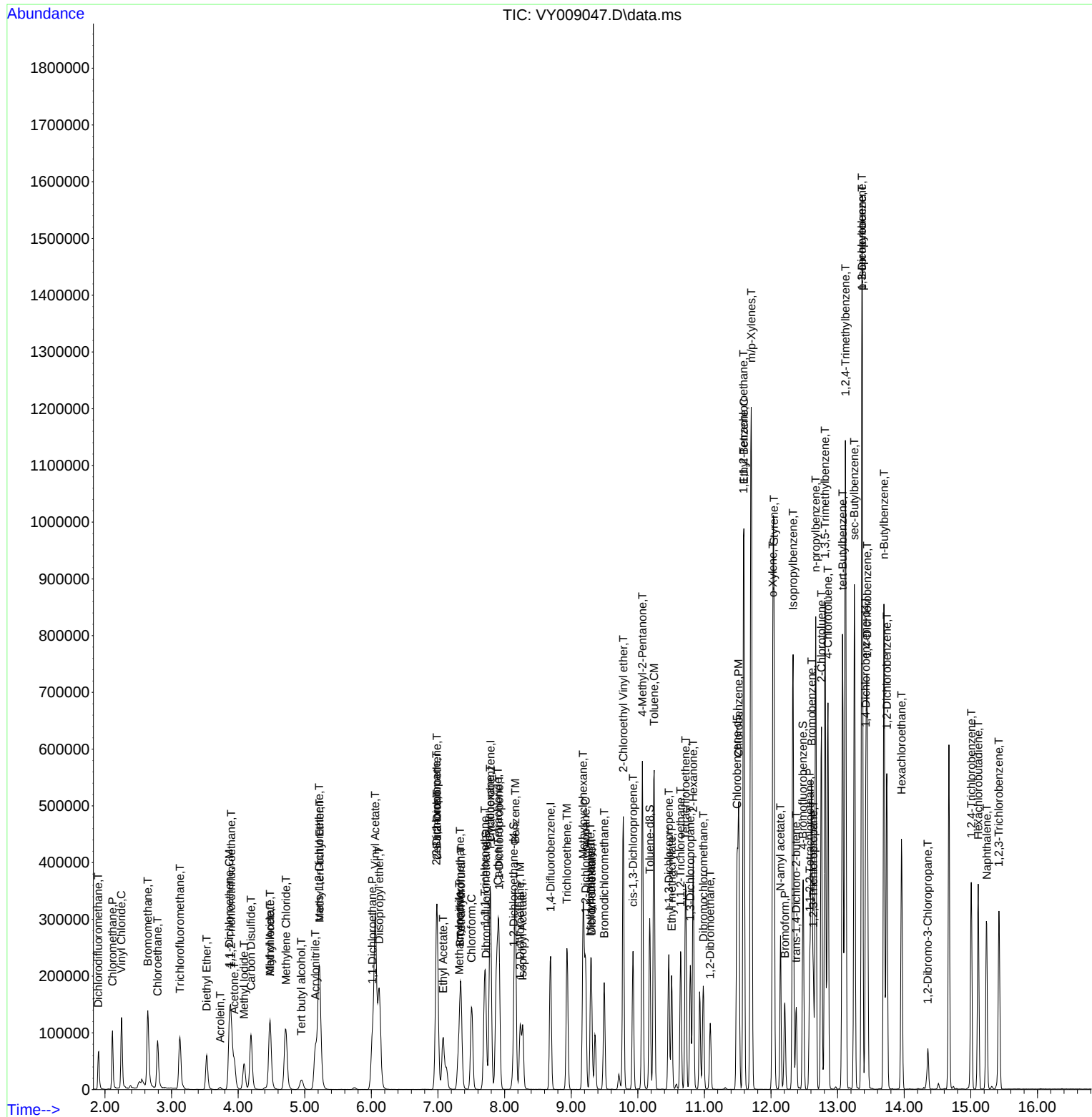
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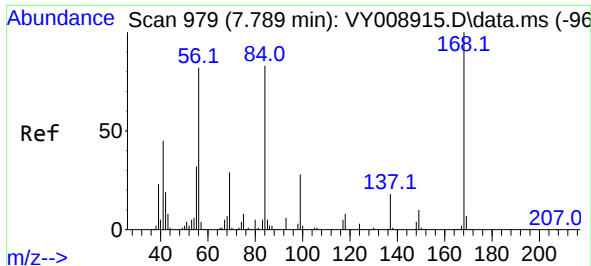
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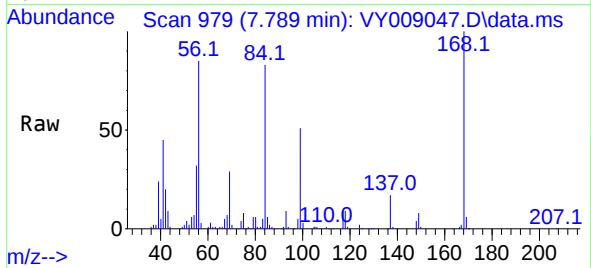
Reviewed By : John Carlone 05/24/2022
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009047.D
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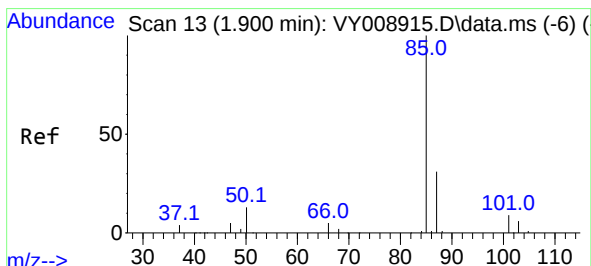
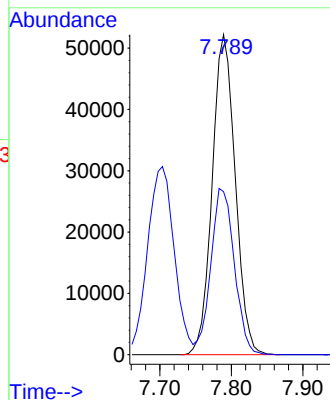
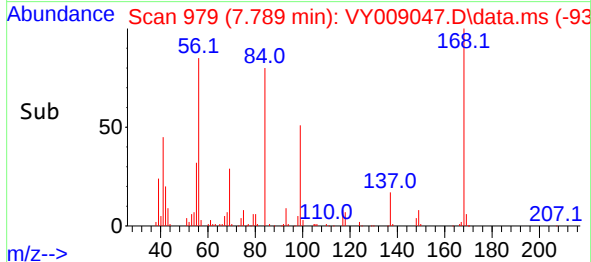
Instrument :
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ClientSampleId :
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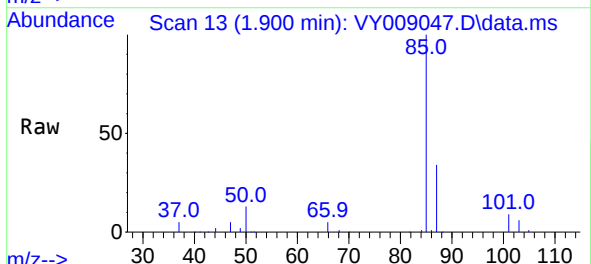
Tgt Ion:168 Resp: 116820
Ion Ratio Lower Upper
168 100
99 50.9 46.9 70.3

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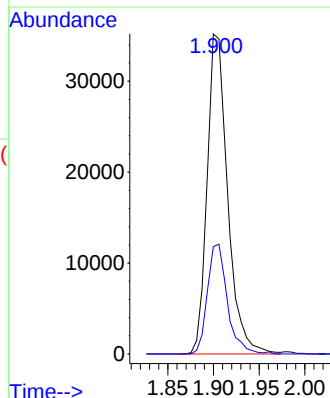
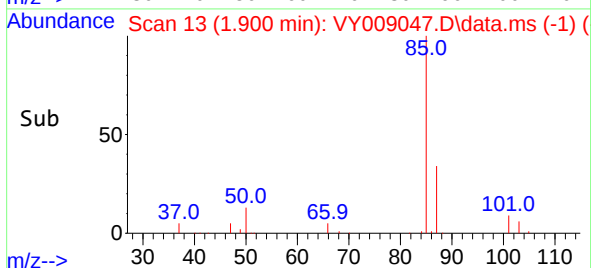
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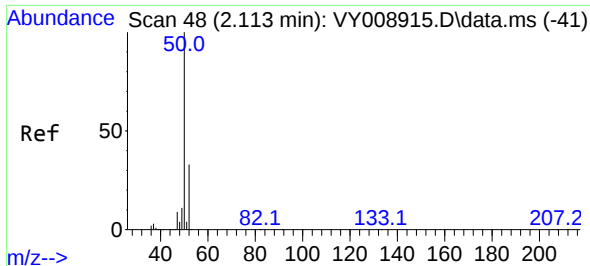


#2
Dichlorodifluoromethane
Concen: 51.402 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009047.D
Acq: 24 May 2022 07:48



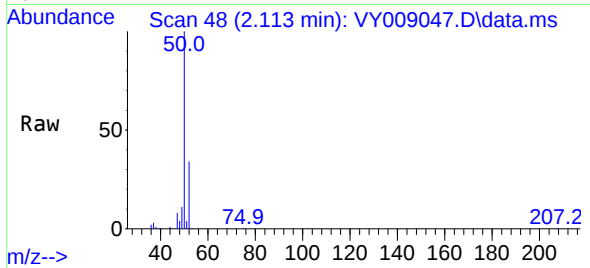
Tgt Ion: 85 Resp: 54921
Ion Ratio Lower Upper
85 100
87 33.6 16.1 48.2





#3
Chloromethane
Concen: 57.574 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY009047.D
Acq: 24 May 2022 07:48

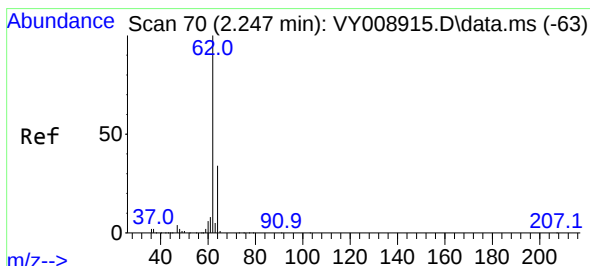
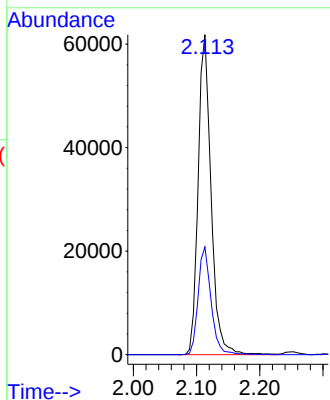
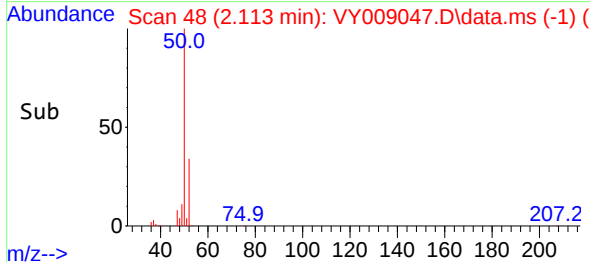
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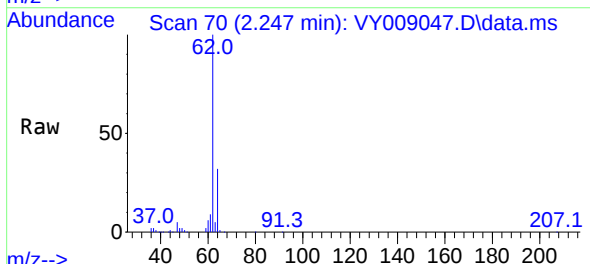
Tgt Ion: 50 Resp: 88129
Ion Ratio Lower Upper
50 100
52 33.7 24.6 37.0

Manual Integrations
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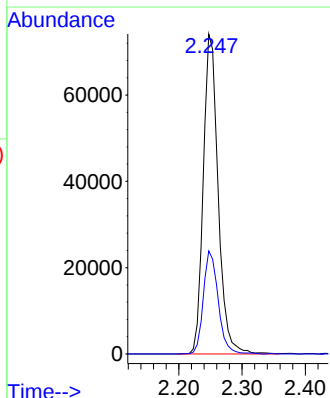
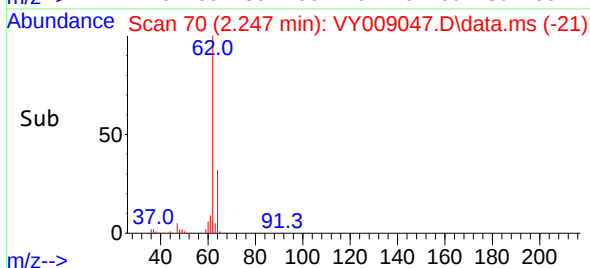
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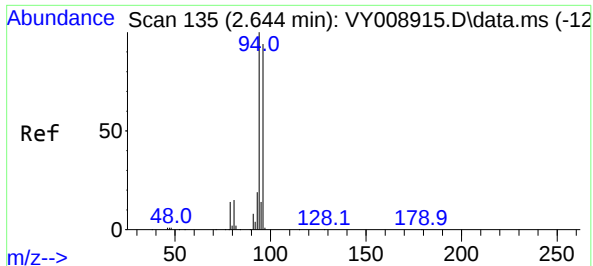


#4
Vinyl Chloride
Concen: 53.489 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY009047.D
Acq: 24 May 2022 07:48



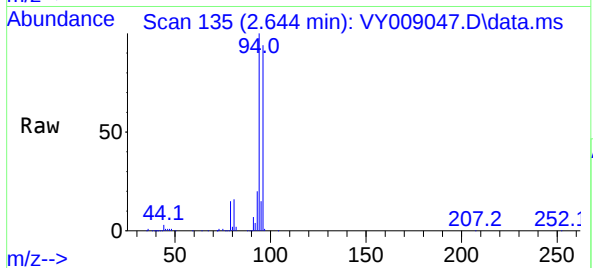
Tgt Ion: 62 Resp: 121302
Ion Ratio Lower Upper
62 100
64 32.2 25.0 37.6





#5
Bromomethane
Concen: 46.021 ug/l
RT: 2.644 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009047.D
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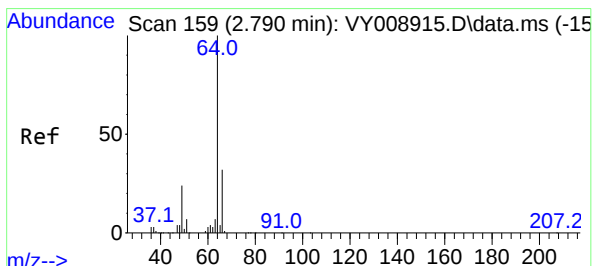
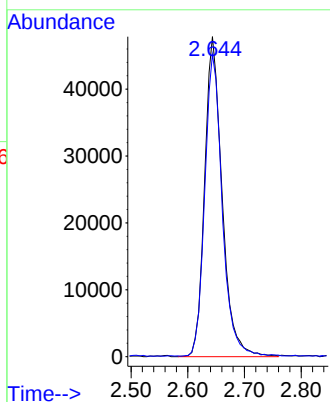
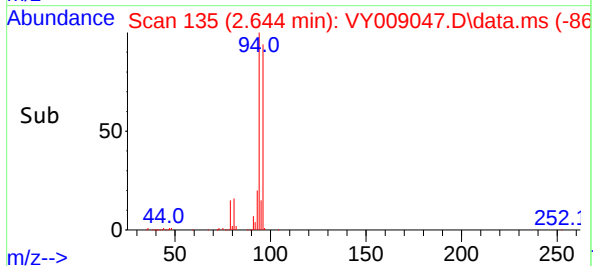
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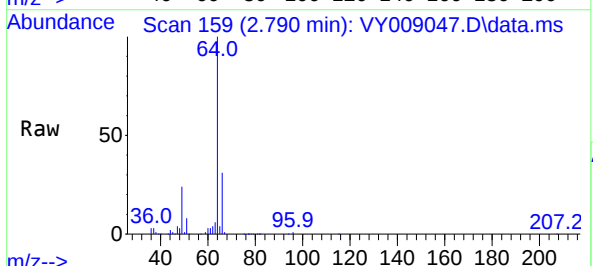
Tgt Ion: 94 Resp: 102304
Ion Ratio Lower Upper
94 100
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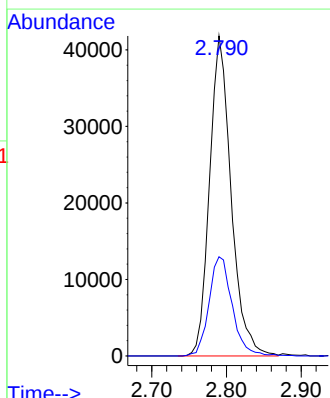
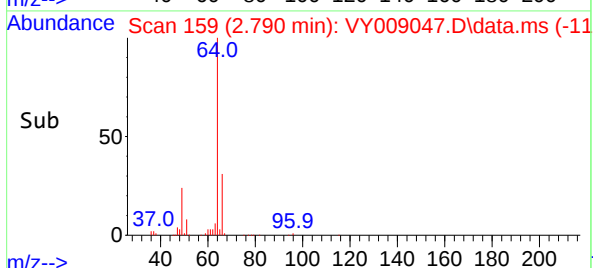
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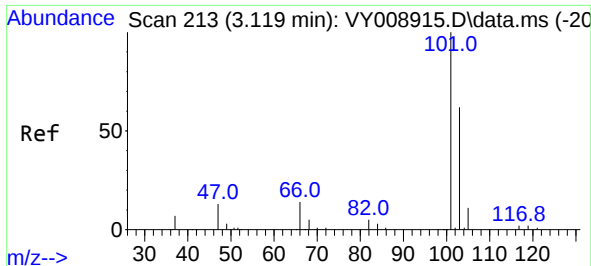


#6
Chloroethane
Concen: 52.157 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY009047.D
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Tgt Ion: 64 Resp: 83795
Ion Ratio Lower Upper
64 100
66 31.0 25.4 38.0





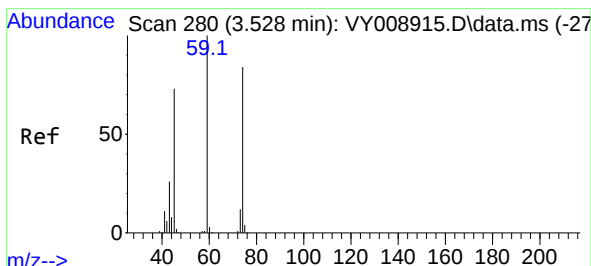
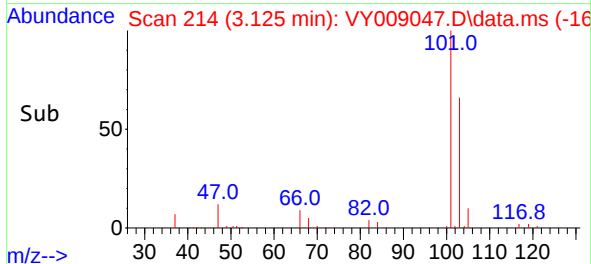
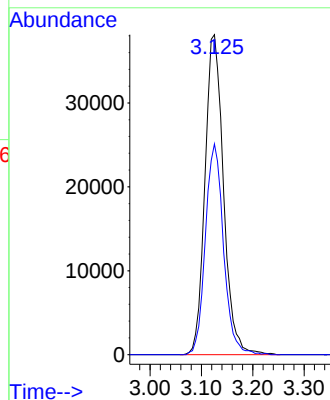
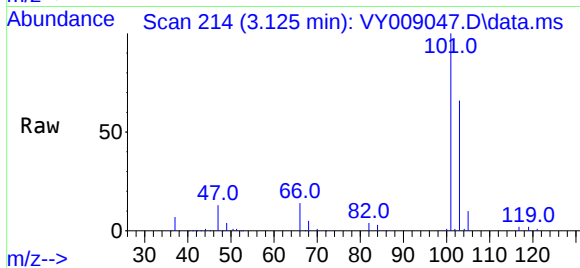
#7
Trichlorofluoromethane
Concen: 49.579 ug/l
RT: 3.125 min Scan# 213
Delta R.T. 0.006 min
Lab File: VY009047.D
Acq: 24 May 2022 07:48

Instrument :
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Tgt Ion:101 Resp: 9548
Ion Ratio Lower Upper
101 100
103 65.8 48.0 72.0

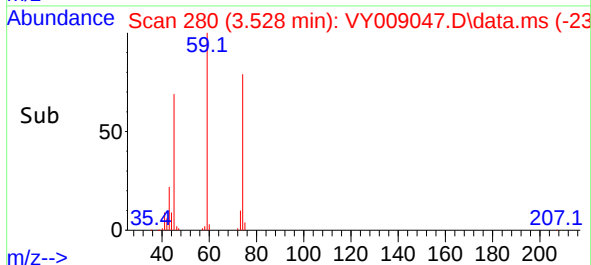
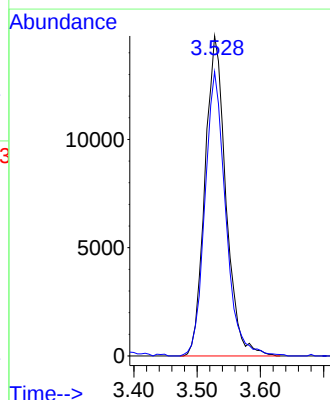
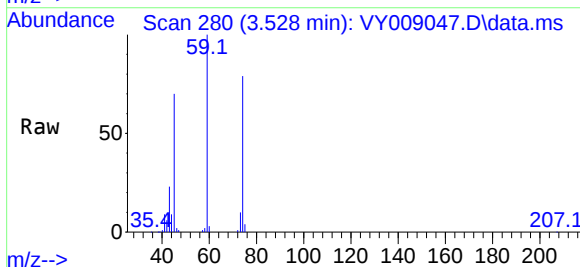
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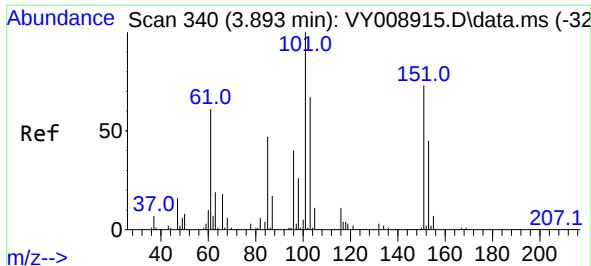
Reviewed By :John Carlone 05/24/2022
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#8
Diethyl Ether
Concen: 56.425 ug/l
RT: 3.528 min Scan# 280
Delta R.T. -0.000 min
Lab File: VY009047.D
Acq: 24 May 2022 07:48

Tgt Ion: 74 Resp: 33979
Ion Ratio Lower Upper
74 100
45 88.4 55.1 165.5





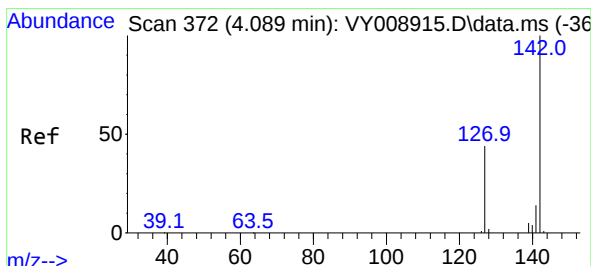
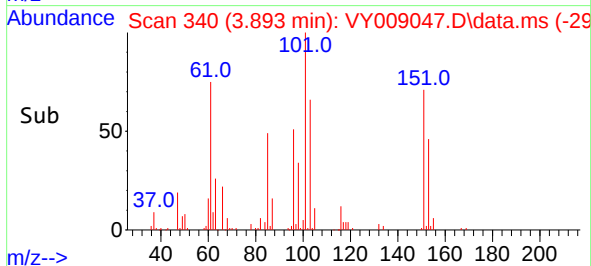
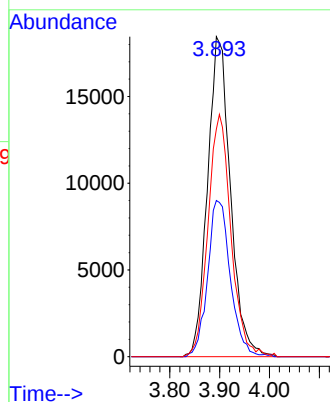
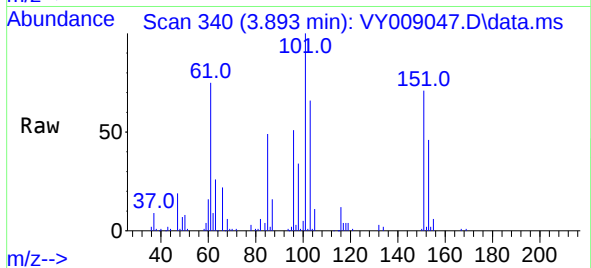
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.738 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY009047.D
Acq: 24 May 2022 07:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 58872
Ion Ratio Lower Upper
101 100
85 48.4 40.6 60.8
151 75.9 64.9 97.3

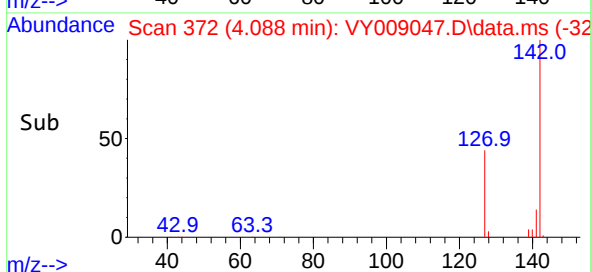
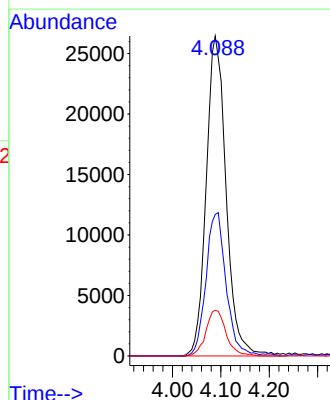
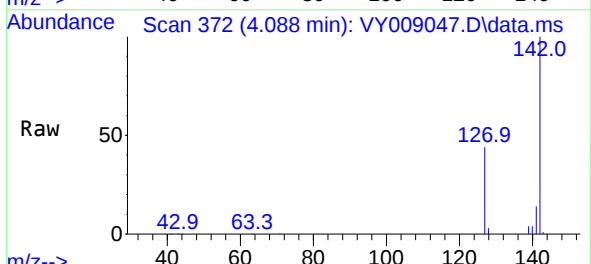
Manual Integrations
APPROVED

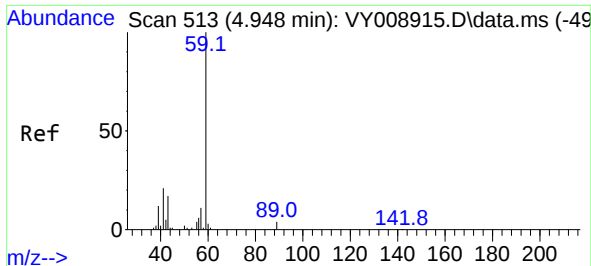
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#10
Methyl Iodide
Concen: 61.872 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.001 min
Lab File: VY009047.D
Acq: 24 May 2022 07:48

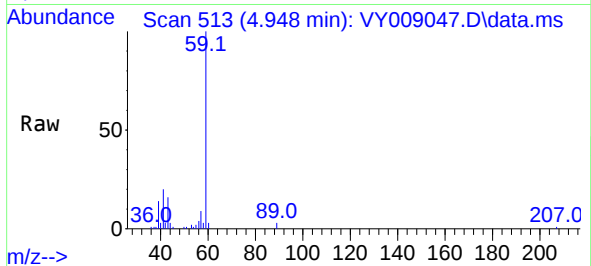
Tgt Ion:142 Resp: 75621
Ion Ratio Lower Upper
142 100
127 45.2 41.5 62.3
141 14.5 11.9 17.9





#11
Tert butyl alcohol
Concen: 260.636 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY009047.D
Acq: 24 May 2022 07:48

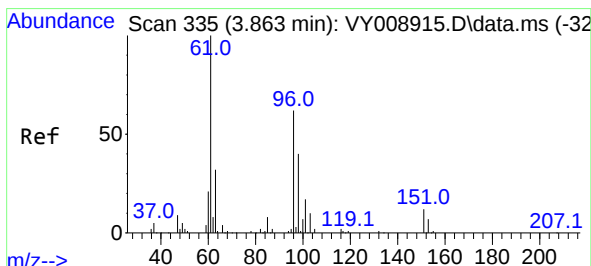
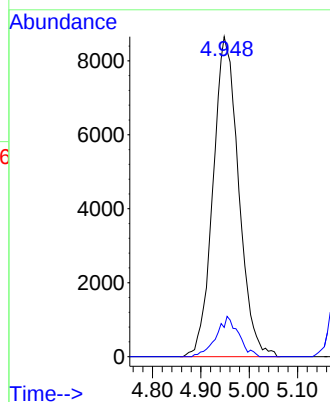
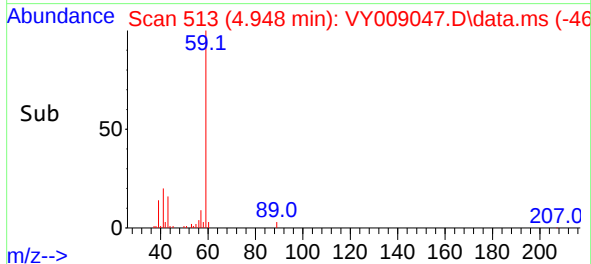
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



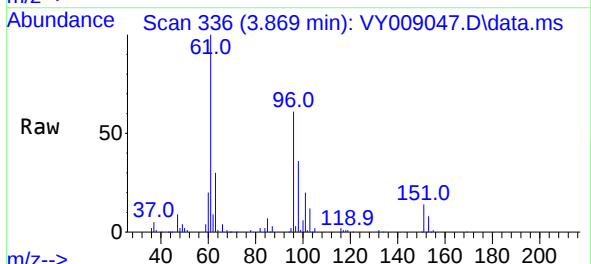
Tgt Ion: 59 Resp: 31785
Ion Ratio Lower Upper
59 100
57 11.0 6.4 9.6

Manual Integrations
APPROVED

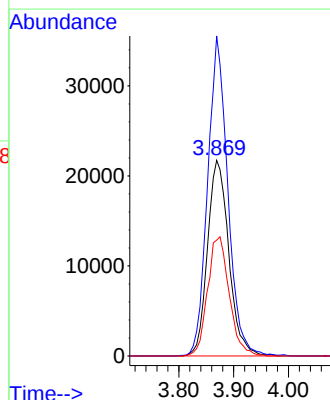
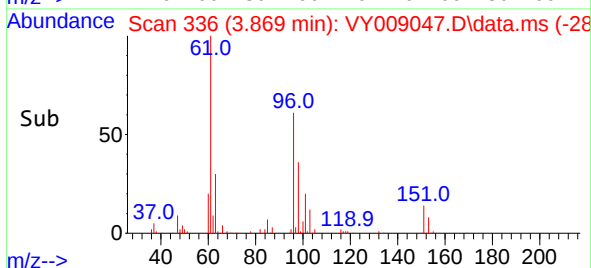
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

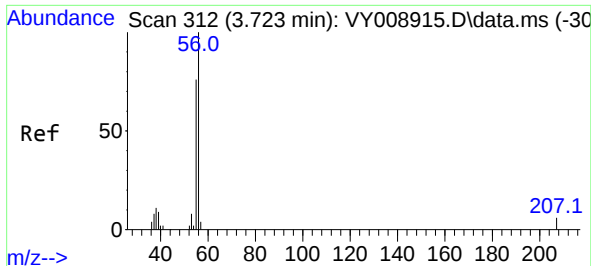


#12
1,1-Dichloroethene
Concen: 53.472 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY009047.D
Acq: 24 May 2022 07:48



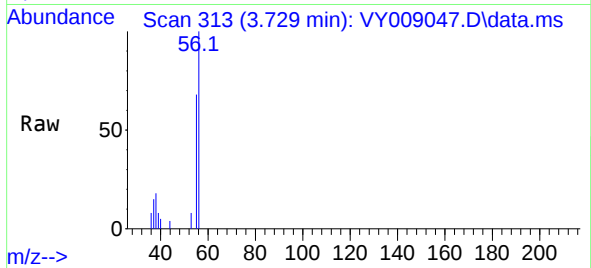
Tgt Ion: 96 Resp: 58754
Ion Ratio Lower Upper
96 100
61 163.3 145.8 218.6
98 59.2 52.5 78.7





#13
Acrolein
Concen: 110.061 ug/l
RT: 3.729 min Scan# 312
Delta R.T. 0.006 min
Lab File: VY009047.D
Acq: 24 May 2022 07:48

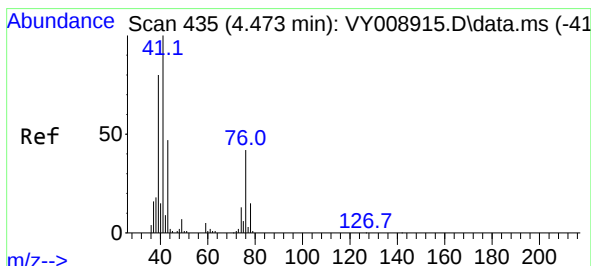
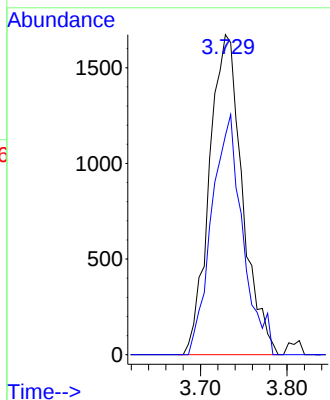
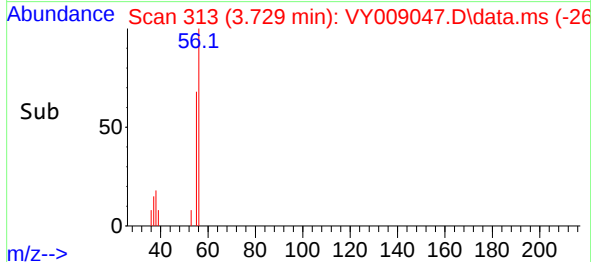
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



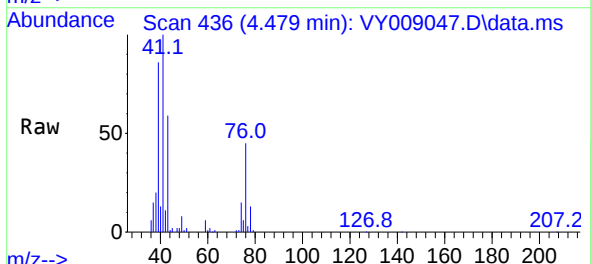
Tgt Ion: 56 Resp: 4418
Ion Ratio Lower Upper
56 100
55 70.7 57.6 86.4

Manual Integrations
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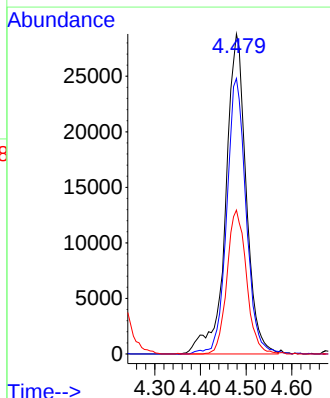
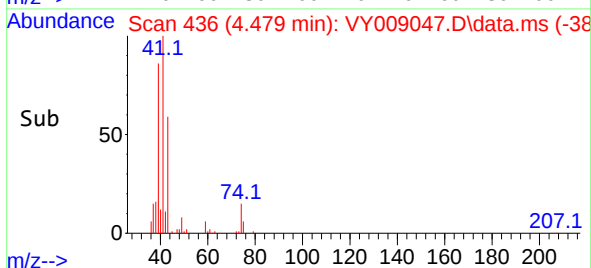
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

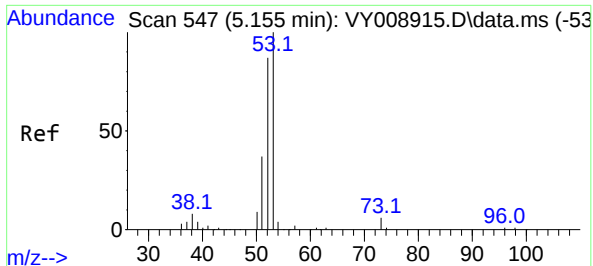


#14
Allyl chloride
Concen: 54.181 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY009047.D
Acq: 24 May 2022 07:48



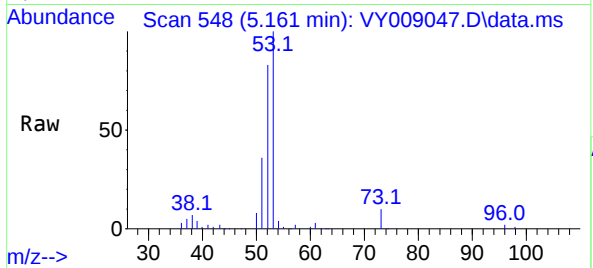
Tgt Ion: 41 Resp: 89718
Ion Ratio Lower Upper
41 100
39 81.4 58.8 88.2
76 42.7 25.1 37.7#





#15
Acrylonitrile
Concen: 287.088 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY009047.D
Acq: 24 May 2022 07:48

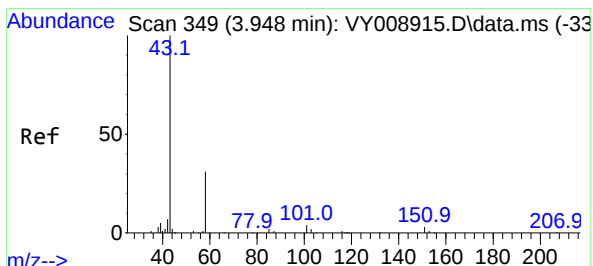
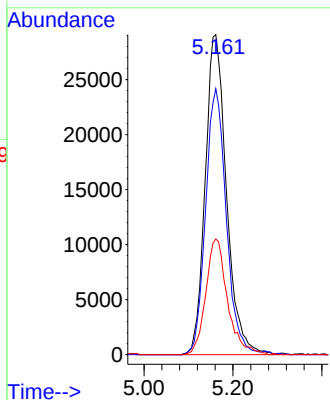
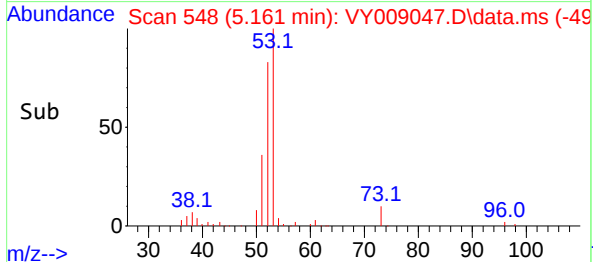
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



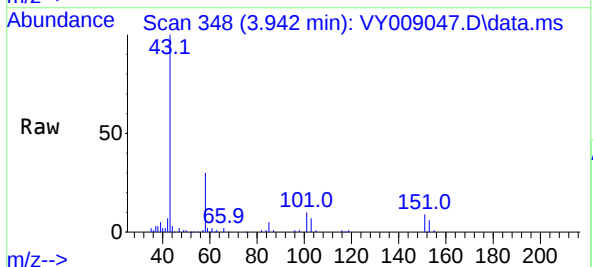
Tgt Ion: 53 Resp: 96798
Ion Ratio Lower Upper
53 100
52 80.8 67.0 100.4
51 37.0 29.8 44.6

Manual Integrations
APPROVED

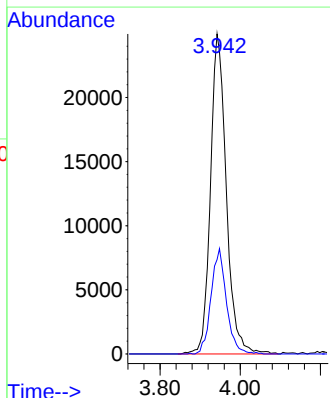
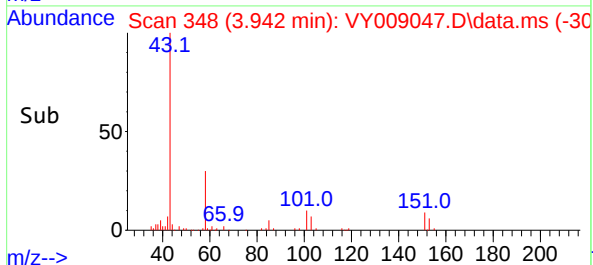
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

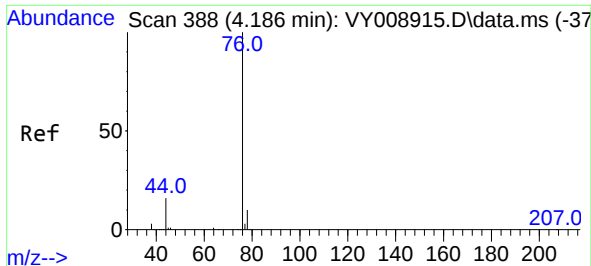


#16
Acetone
Concen: 273.398 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY009047.D
Acq: 24 May 2022 07:48



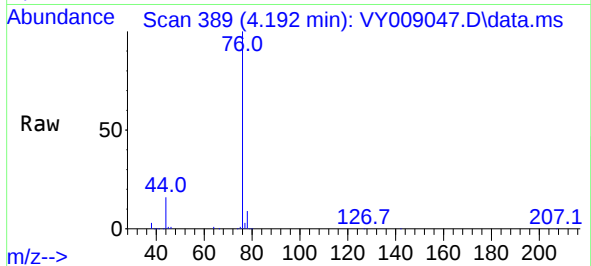
Tgt Ion: 43 Resp: 68422
Ion Ratio Lower Upper
43 100
58 29.5 22.0 33.0





#17
Carbon Disulfide
Concen: 52.844 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY009047.D
Acq: 24 May 2022 07:48

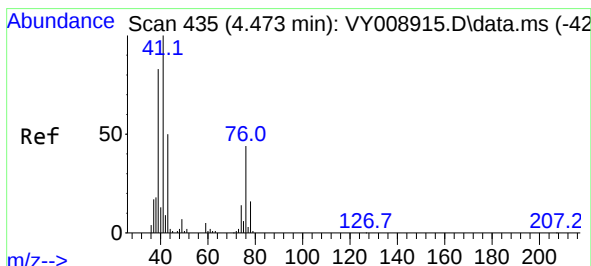
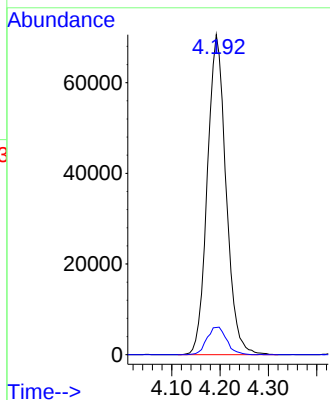
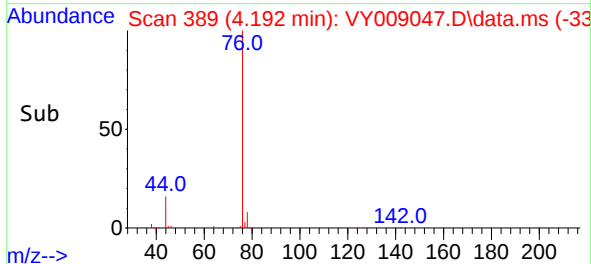
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 189694
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0

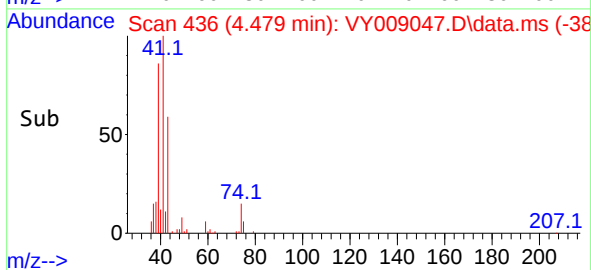
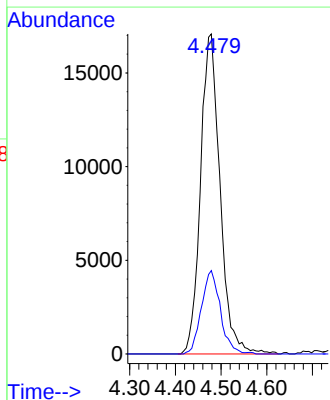
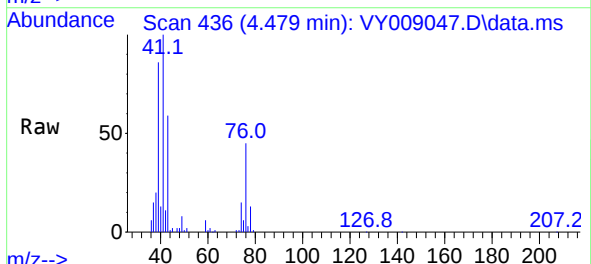
Manual Integrations
APPROVED

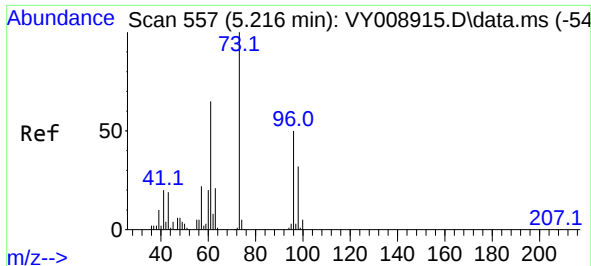
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#18
Methyl Acetate
Concen: 64.971 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY009047.D
Acq: 24 May 2022 07:48

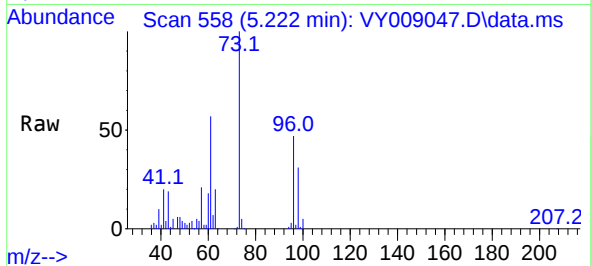
Tgt Ion: 43 Resp: 50633
Ion Ratio Lower Upper
43 100
74 25.3 16.6 24.8#





#19
Methyl tert-butyl Ether
Concen: 56.320 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY009047.D
Acq: 24 May 2022 07:48

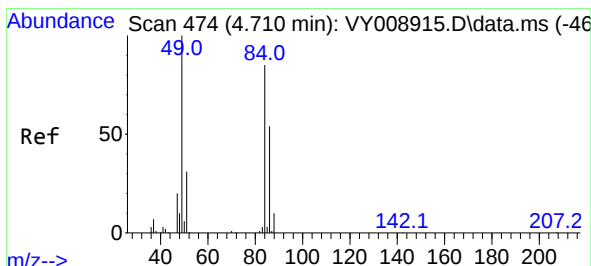
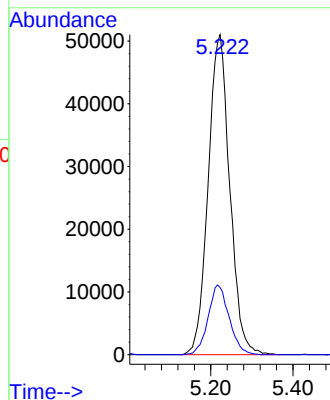
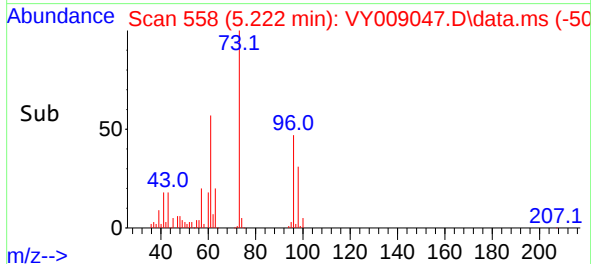
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



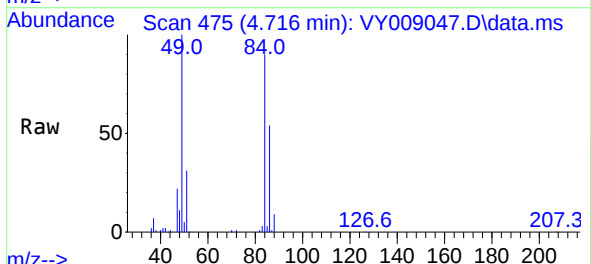
Tgt Ion: 73 Resp: 185744
Ion Ratio Lower Upper
73 100
57 21.0 18.6 27.8

Manual Integrations
APPROVED

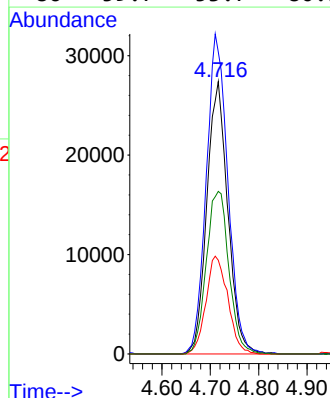
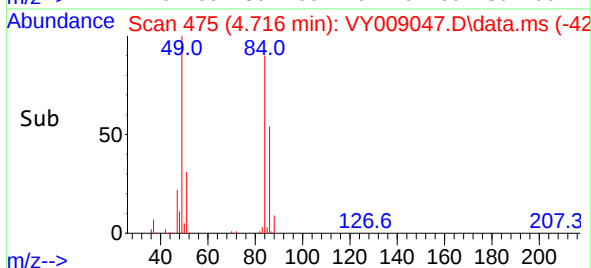
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

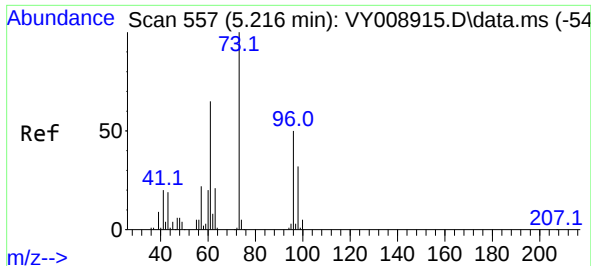


#20
Methylene Chloride
Concen: 60.800 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY009047.D
Acq: 24 May 2022 07:48



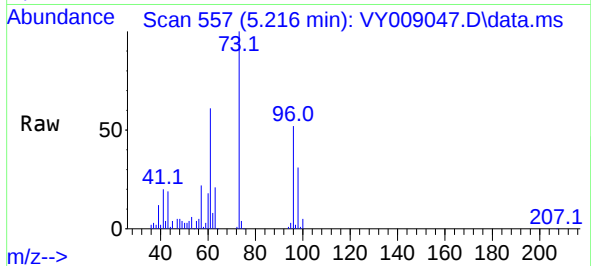
Tgt Ion: 84 Resp: 82570
Ion Ratio Lower Upper
84 100
49 110.9 114.4 171.6#
51 34.4 35.3 52.9#
86 59.7 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 54.180 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY009047.D
Acq: 24 May 2022 07:48

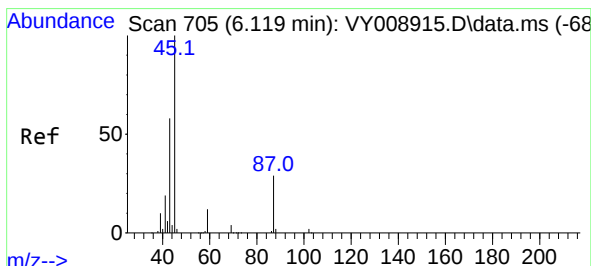
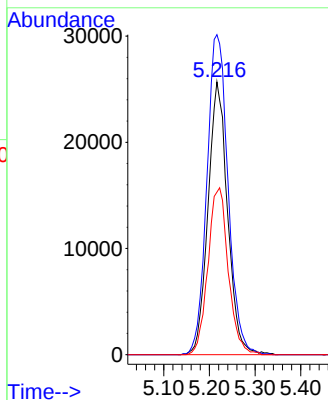
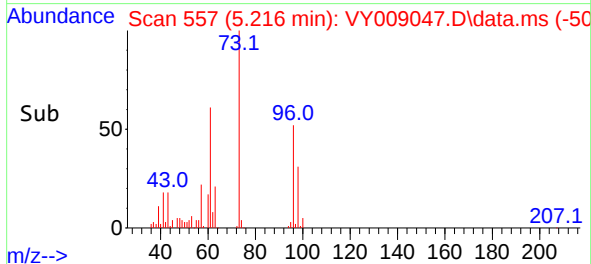
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



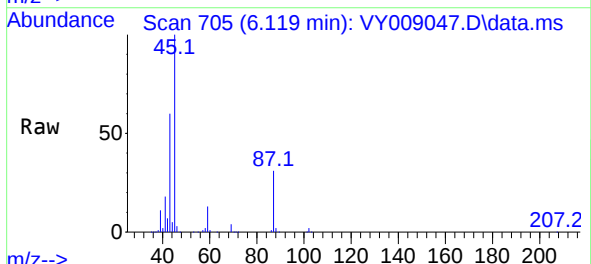
Tgt Ion: 96 Resp: 7641
Ion Ratio Lower Upper
96 100
61 117.3 120.5 180.7
98 59.6 49.8 74.8

Manual Integrations
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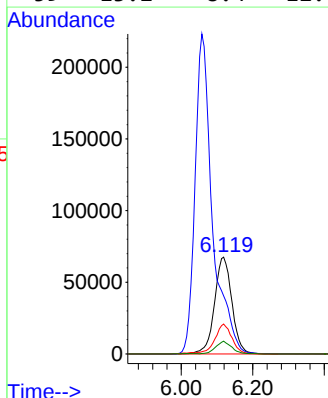
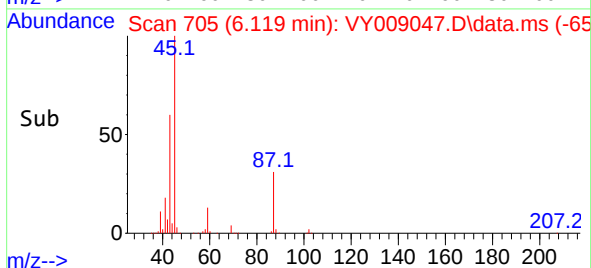
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

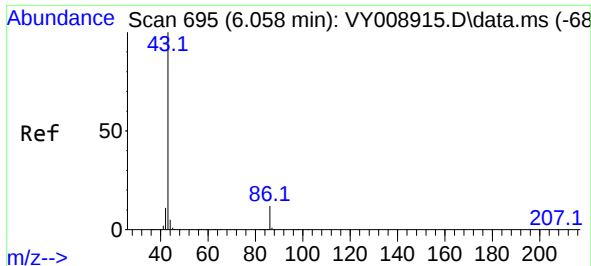


#22
Diisopropyl ether
Concen: 57.244 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY009047.D
Acq: 24 May 2022 07:48



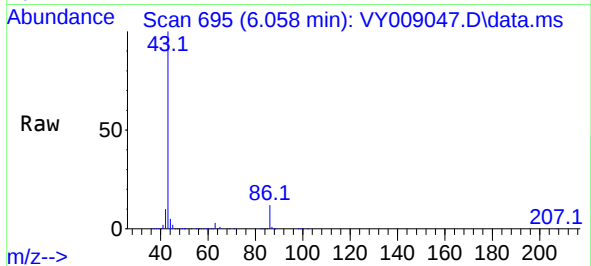
Tgt Ion: 45 Resp: 227728
Ion Ratio Lower Upper
45 100
43 59.8 49.3 73.9
87 30.8 19.2 28.8#
59 13.2 8.4 12.6#





#23
 Vinyl Acetate
 Concen: 285.951 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY009047.D
 Acq: 24 May 2022 07:48

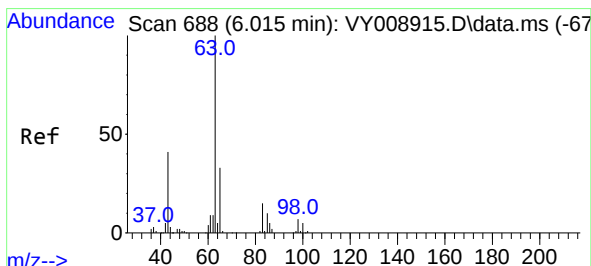
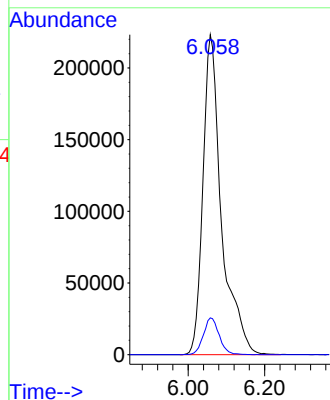
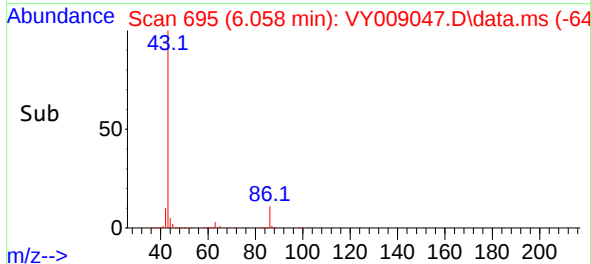
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



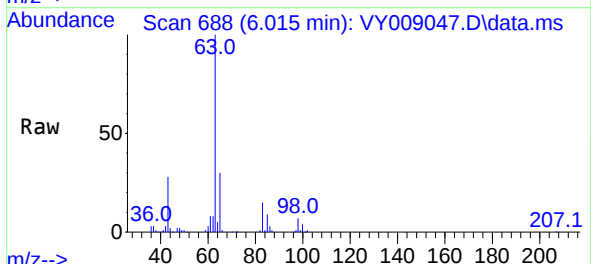
Tgt Ion: 43 Resp: 752485
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.1 10.7

Manual Integrations
 APPROVED

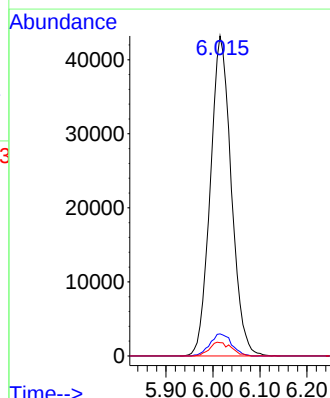
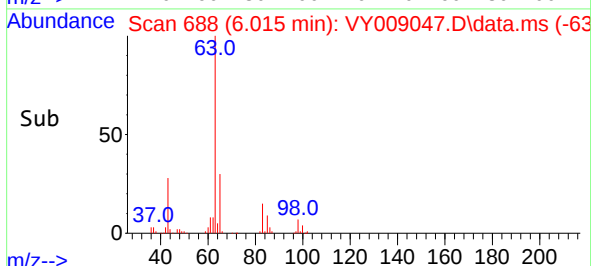
Reviewed By :John Carlone 05/24/2022
 Supervised By :Mahesh Dadoda 05/24/2022

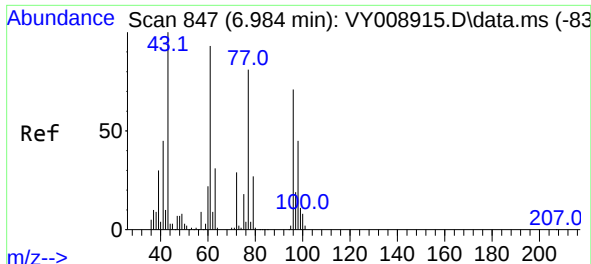


#24
 1,1-Dichloroethane
 Concen: 56.263 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY009047.D
 Acq: 24 May 2022 07:48



Tgt Ion: 63 Resp: 133875
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.6 10.8
 100 4.2 2.0 5.8





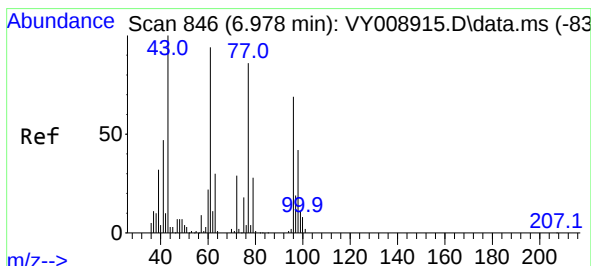
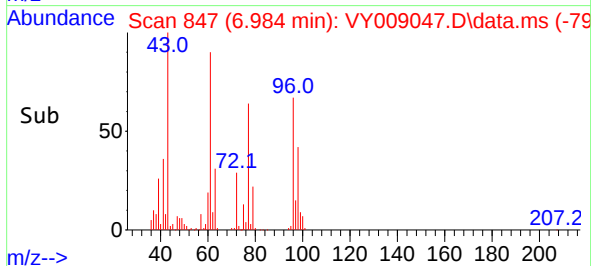
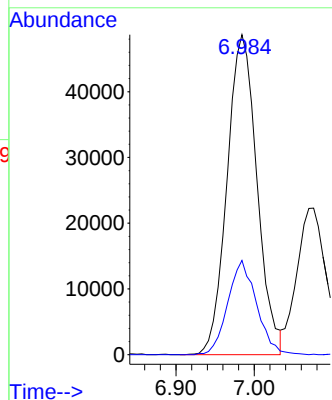
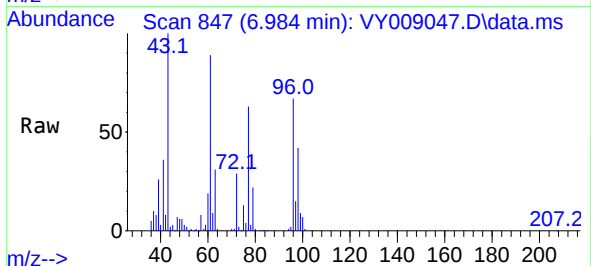
#25
2-Butanone
Concen: 289.453 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY009047.D
Acq: 24 May 2022 07:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 129380
Ion Ratio Lower Upper
43 100
72 29.4 17.7 26.5

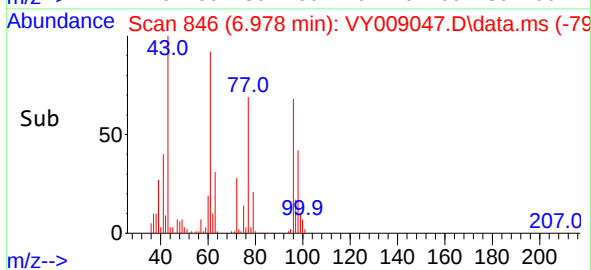
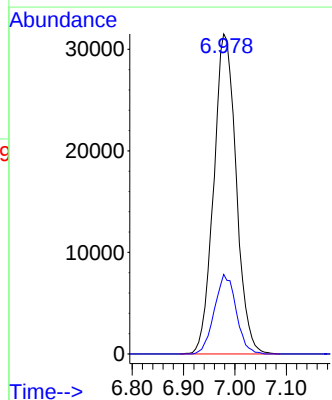
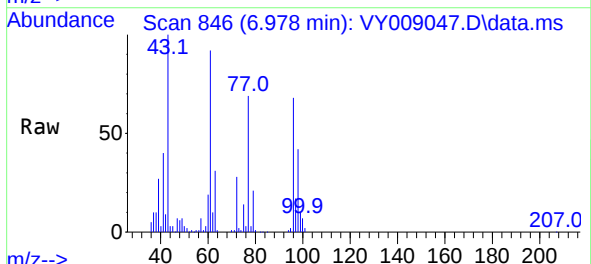
Manual Integrations
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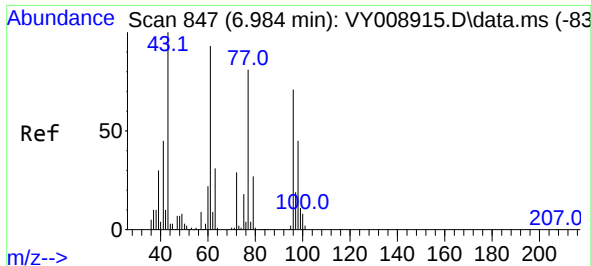
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#26
2,2-Dichloropropane
Concen: 43.692 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY009047.D
Acq: 24 May 2022 07:48

Tgt Ion: 77 Resp: 95768
Ion Ratio Lower Upper
77 100
97 24.0 10.4 31.4





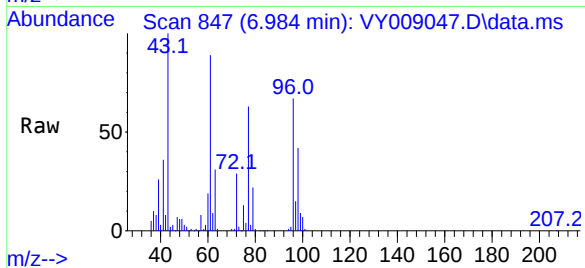
#27
cis-1,2-Dichloroethene
Concen: 54.353 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY009047.D
Acq: 24 May 2022 07:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



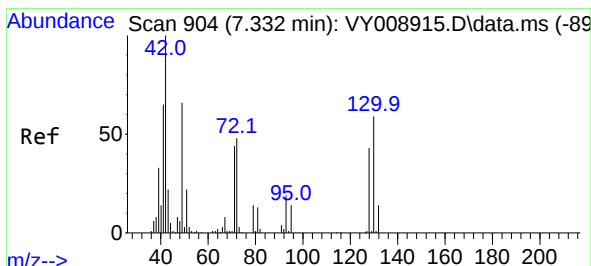
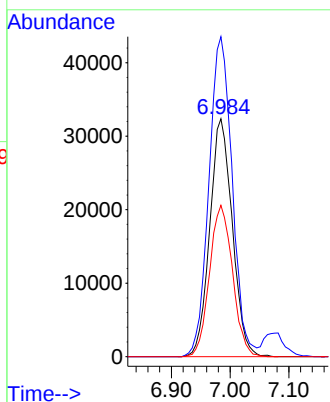
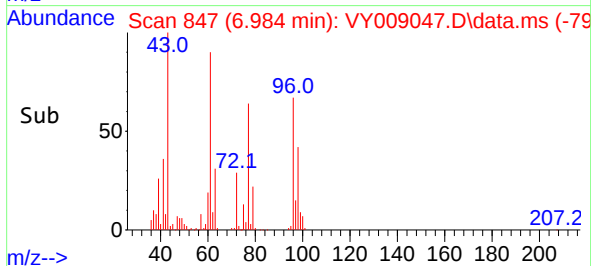
Tgt Ion: 96 Resp: 86412
Ion Ratio Lower Upper
96 100
61 138.3 0.0 319.8
98 64.8 0.0 127.0

Manual Integrations

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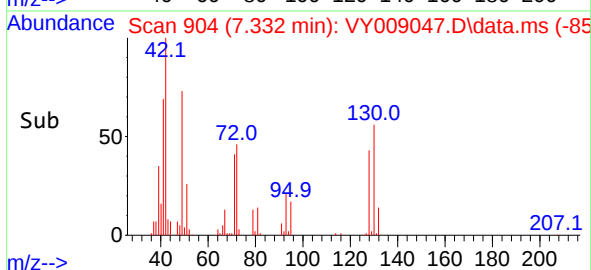
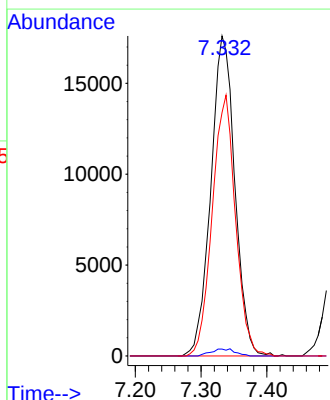
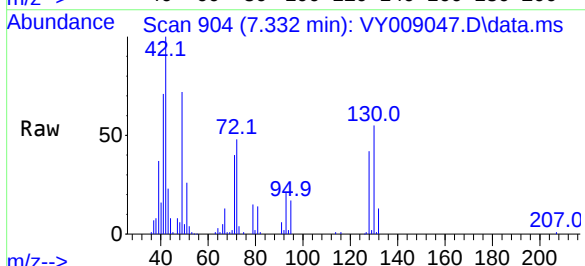
Reviewed By :John Carlone 05/24/2022

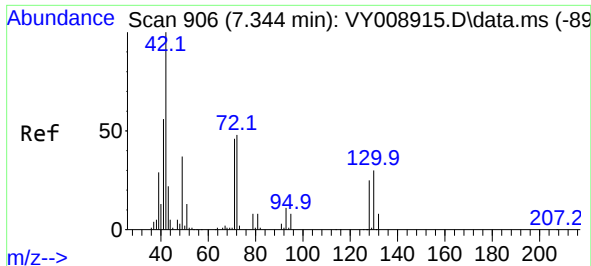
Supervised By :Mahesh Dadoda 05/24/2022



#28
Bromochloromethane
Concen: 54.826 ug/l
RT: 7.332 min Scan# 904
Delta R.T. -0.000 min
Lab File: VY009047.D
Acq: 24 May 2022 07:48

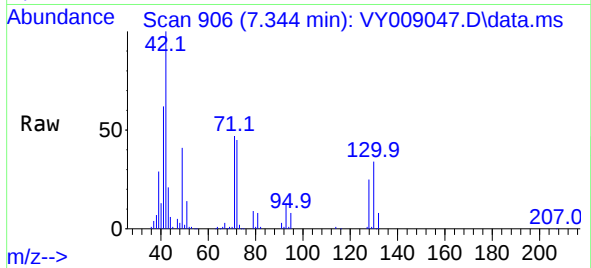
Tgt Ion: 49 Resp: 44777
Ion Ratio Lower Upper
49 100
129 2.2 0.0 2.2#
130 79.0 55.4 83.0





#29
Tetrahydrofuran
Concen: 296.408 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY009047.D
Acq: 24 May 2022 07:48

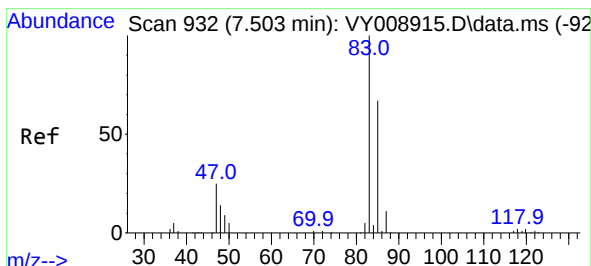
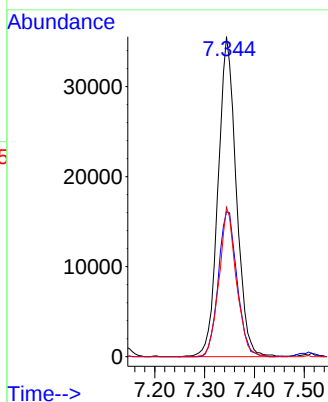
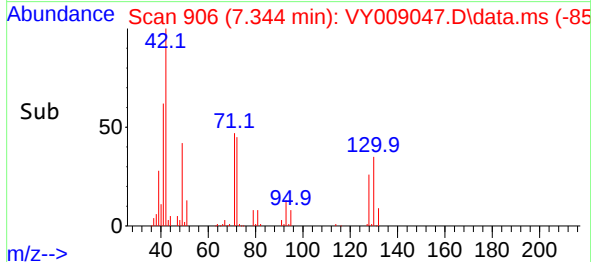
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



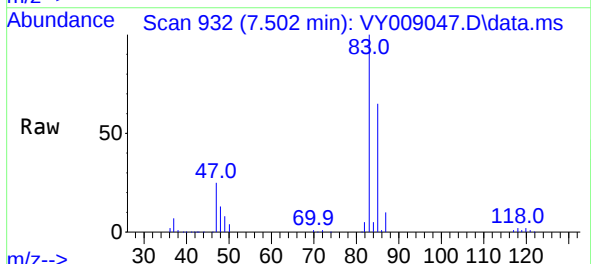
Tgt Ion: 42 Resp: 9000
Ion Ratio Lower Upper
42 100
72 46.6 30.3 45.5
71 44.4 29.0 43.4

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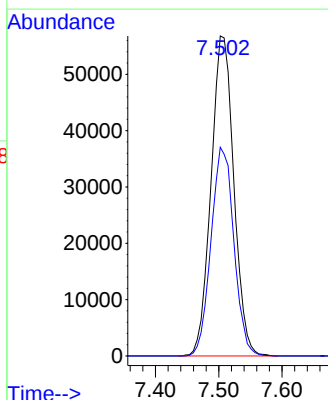
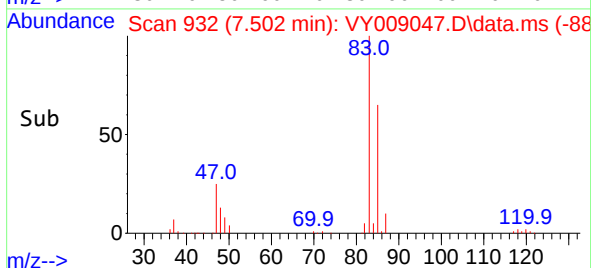
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

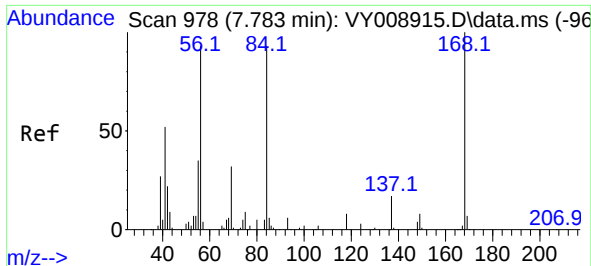


#30
Chloroform
Concen: 55.192 ug/l
RT: 7.502 min Scan# 932
Delta R.T. -0.001 min
Lab File: VY009047.D
Acq: 24 May 2022 07:48



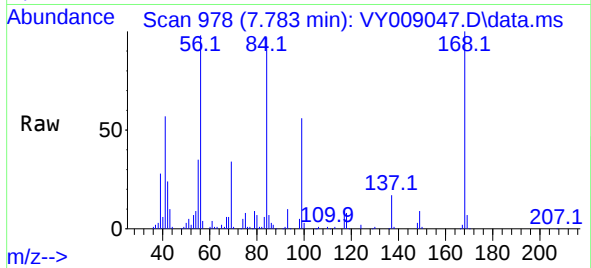
Tgt Ion: 83 Resp: 141761
Ion Ratio Lower Upper
83 100
85 65.2 51.8 77.6





#31
Cyclohexane
Concen: 49.355 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009047.D
Acq: 24 May 2022 07:48

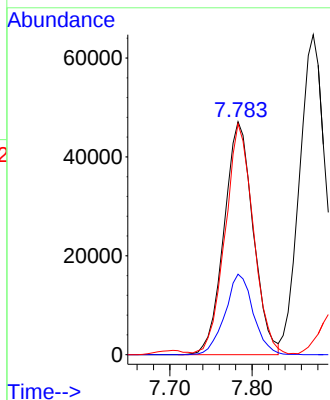
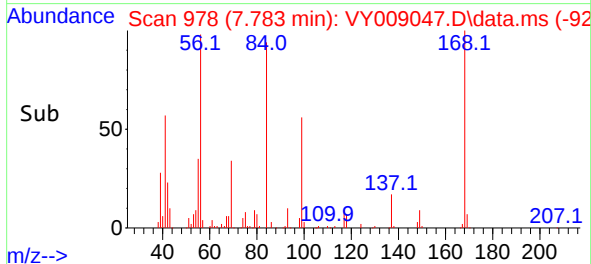
Instrument :
MSVOA_Y
ClientSampleId :
VSTDC0050EC



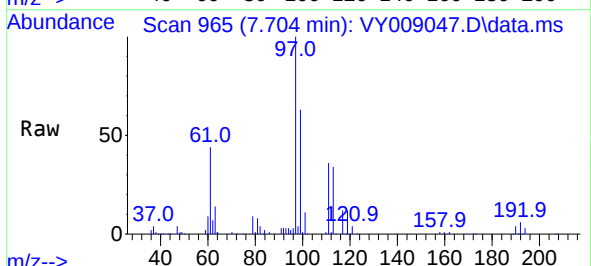
Tgt Ion: 56 Resp: 11608
Ion Ratio Lower Upper
56 100
69 34.6 26.7 40.1
84 97.5 67.2 100.8

Manual Integrations
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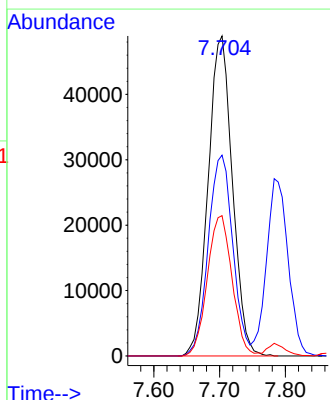
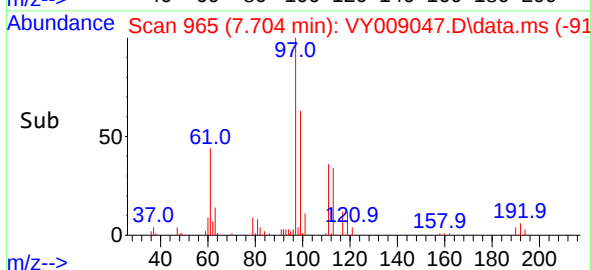
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

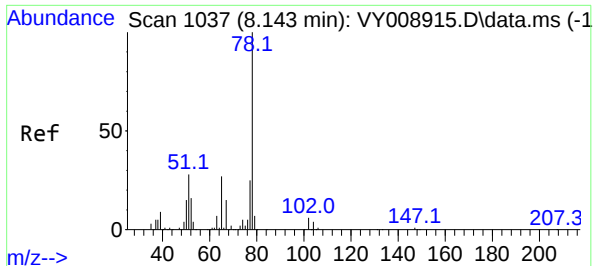


#32
1,1,1-Trichloroethane
Concen: 53.927 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.006 min
Lab File: VY009047.D
Acq: 24 May 2022 07:48



Tgt Ion: 97 Resp: 125665
Ion Ratio Lower Upper
97 100
99 63.6 50.7 76.1
61 44.6 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 44.711 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY009047.D

Acq: 24 May 2022 07:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 53750

Ion Ratio Lower Upper

65 100

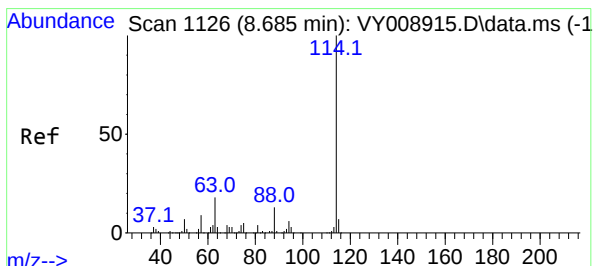
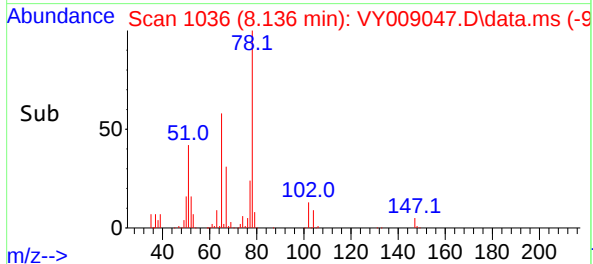
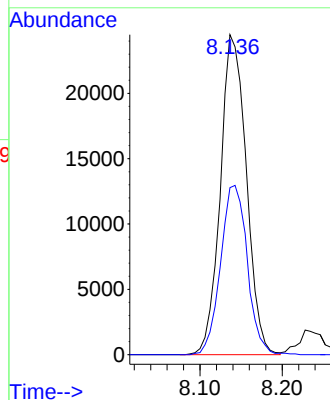
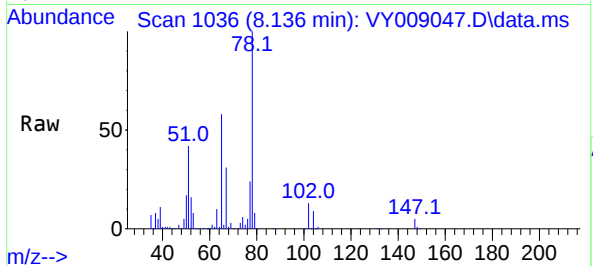
67 54.4 0.0 99.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/24/2022

Supervised By :Mahesh Dadoda 05/24/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY009047.D

Acq: 24 May 2022 07:48

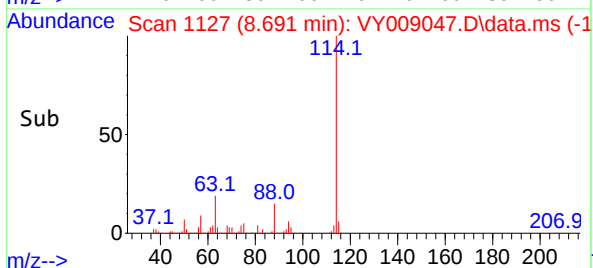
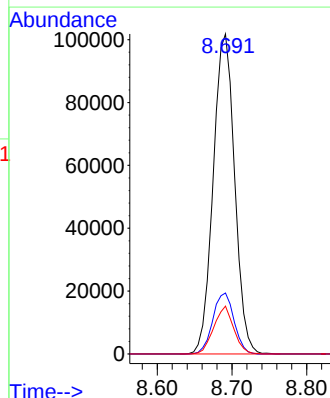
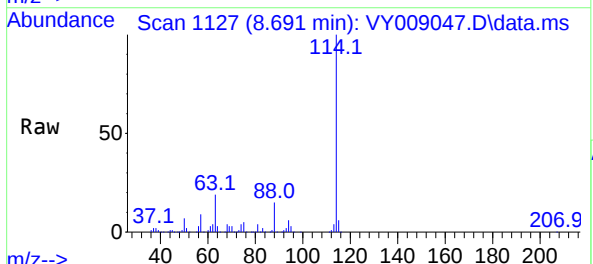
Tgt Ion:114 Resp: 203065

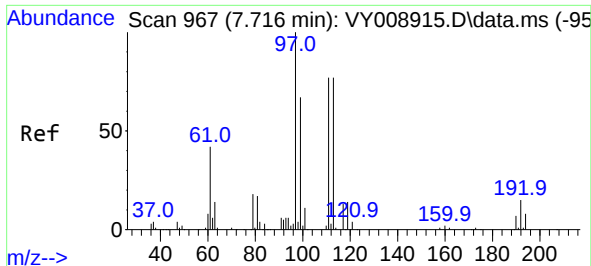
Ion Ratio Lower Upper

114 100

63 19.0 0.0 43.2

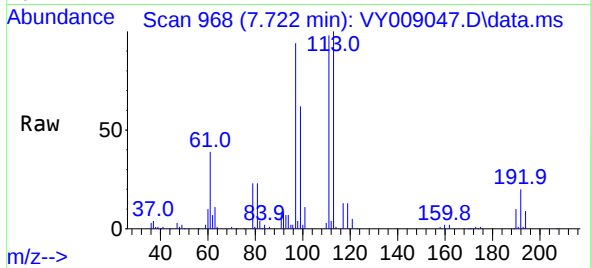
88 15.0 0.0 31.8





#35
Dibromofluoromethane
Concen: 46.180 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY009047.D
Acq: 24 May 2022 07:48

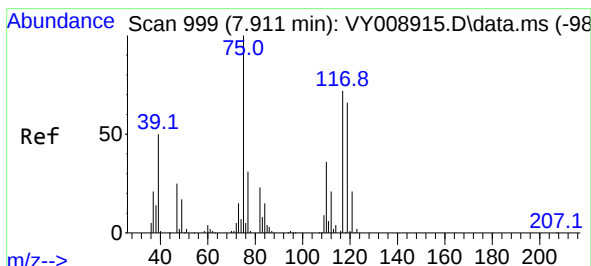
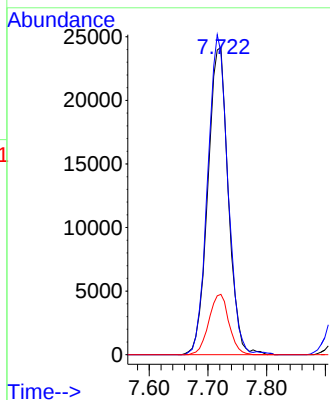
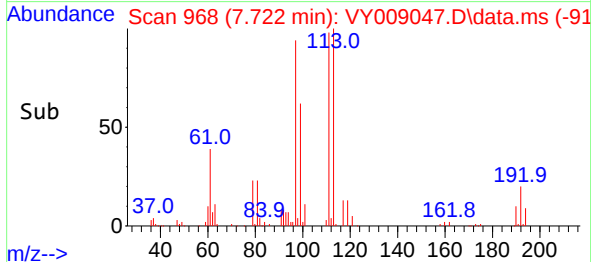
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



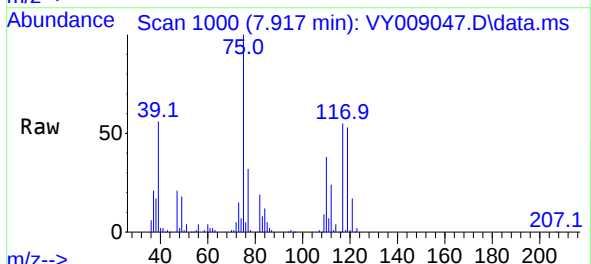
Tgt Ion: 113 Resp: 5831
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 19.3 17.6 26.4

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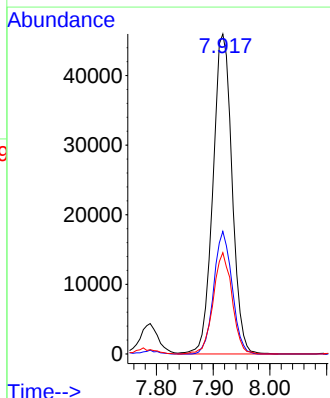
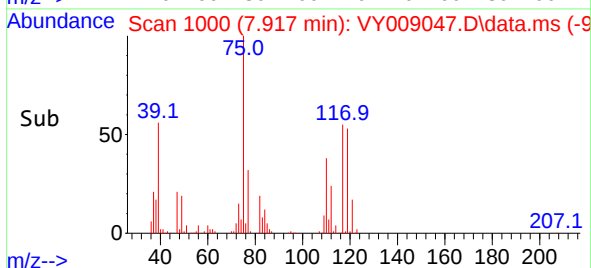
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

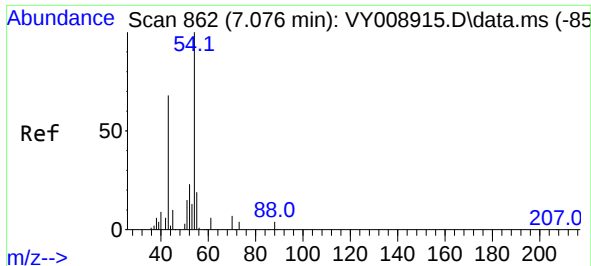


#36
1,1-Dichloropropene
Concen: 49.958 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY009047.D
Acq: 24 May 2022 07:48



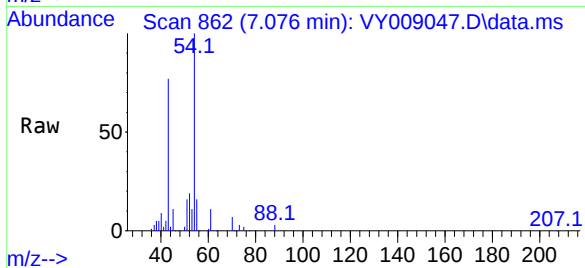
Tgt Ion: 75 Resp: 107357
Ion Ratio Lower Upper
75 100
110 36.7 17.1 51.2
77 31.3 24.4 36.6





#37
Ethyl Acetate
Concen: 54.352 ug/l
RT: 7.076 min Scan# 862
Delta R.T. -0.000 min
Lab File: VY009047.D
Acq: 24 May 2022 07:48

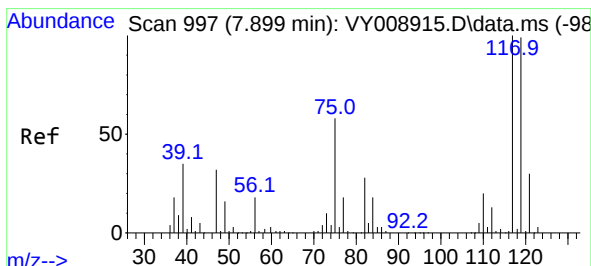
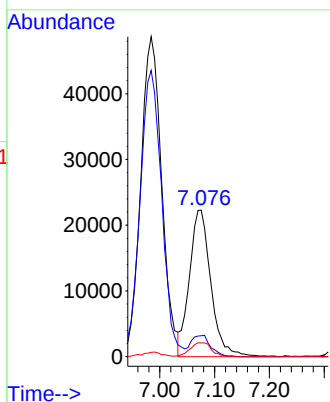
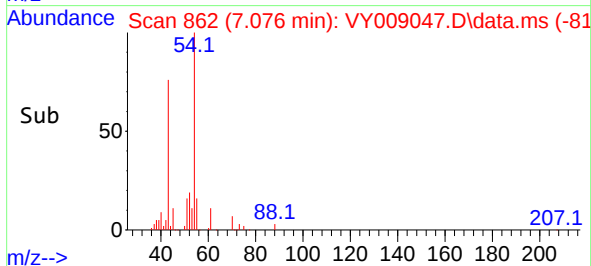
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 6058
Ion Ratio Lower Upper
43 100
61 13.5 9.7 14.5
70 9.5 7.1 10.7

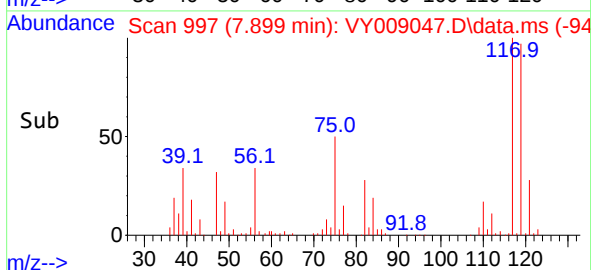
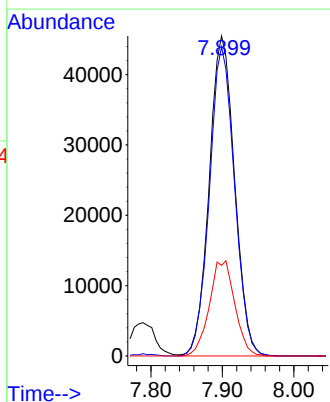
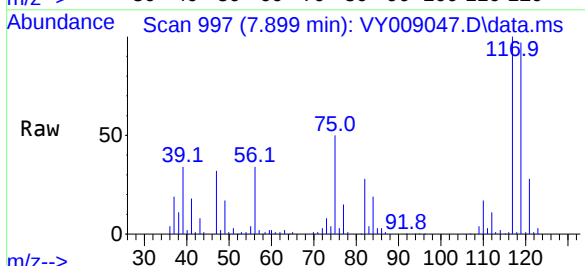
Manual Integrations
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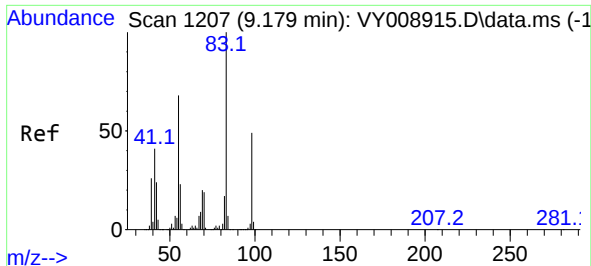
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#38
Carbon Tetrachloride
Concen: 49.836 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY009047.D
Acq: 24 May 2022 07:48

Tgt Ion:117 Resp: 112032
Ion Ratio Lower Upper
117 100
119 96.6 77.9 116.9
121 28.3 24.8 37.2





#39

Methylcyclohexane

Concen: 49.566 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009047.D

Acq: 24 May 2022 07:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 13748

Ion Ratio Lower Upper

83 100

55 68.8 66.5 99.7

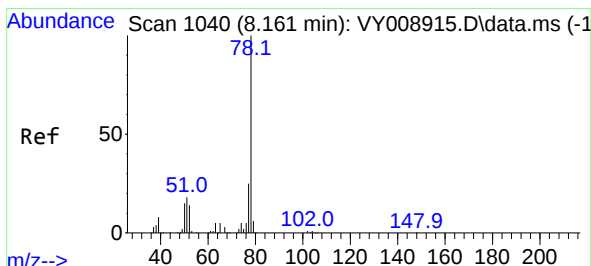
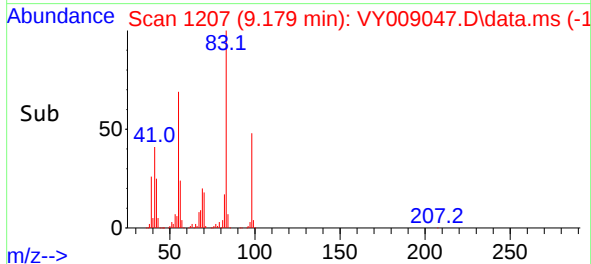
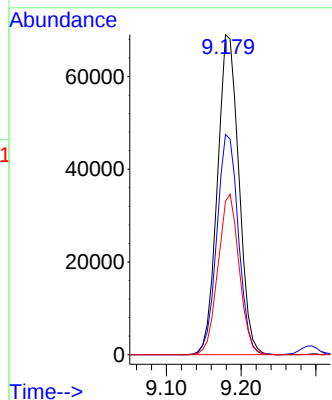
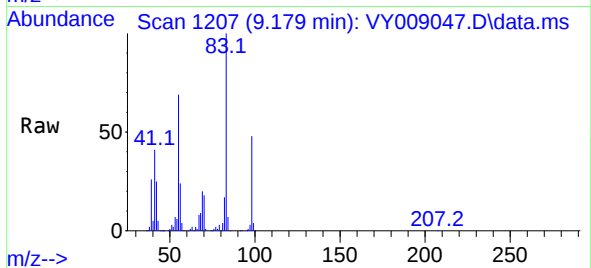
98 48.0 37.9 56.9

Manual Integrations

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Reviewed By :John Carlone 05/24/2022

Supervised By :Mahesh Dadoda 05/24/2022



#40

Benzene

Concen: 53.395 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY009047.D

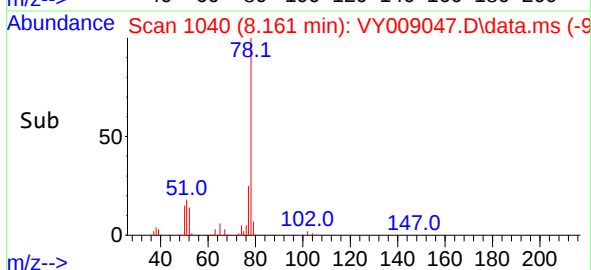
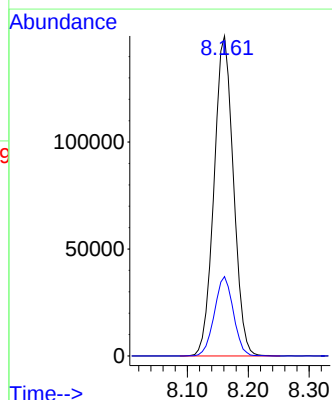
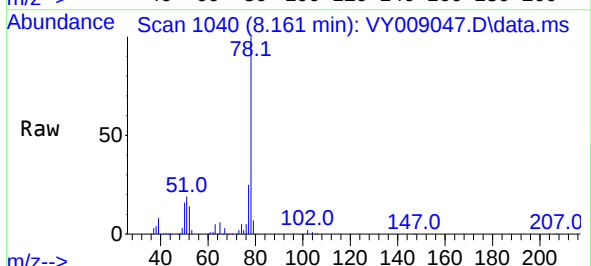
Acq: 24 May 2022 07:48

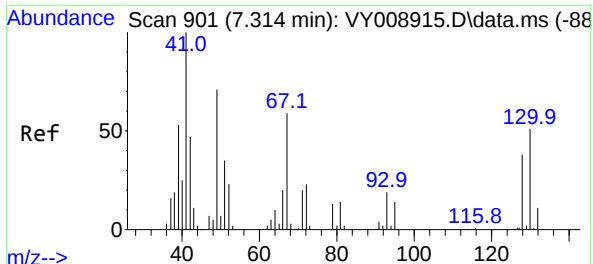
Tgt Ion: 78 Resp: 330874

Ion Ratio Lower Upper

78 100

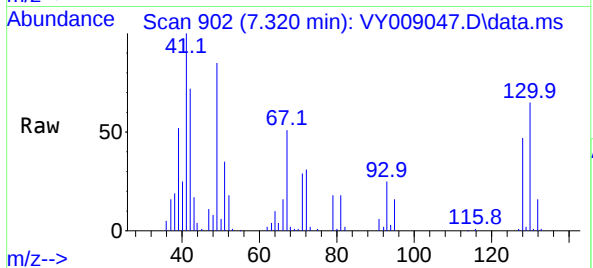
77 24.8 20.4 30.6





#41
Methacrylonitrile
Concen: 54.471 ug/l m
RT: 7.320 min Scan# 901
Delta R.T. 0.006 min
Lab File: VY009047.D
Acq: 24 May 2022 07:48

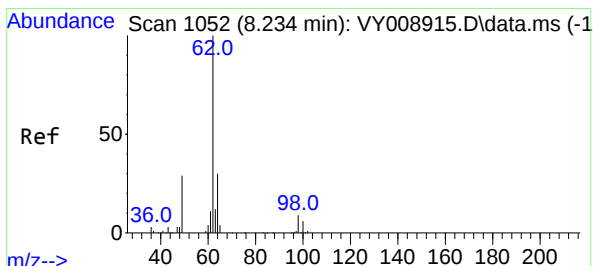
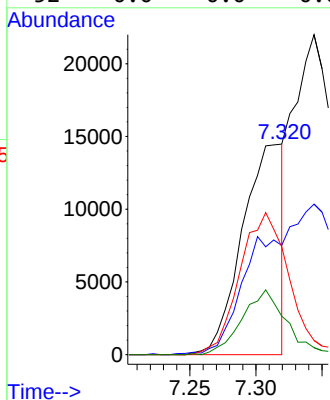
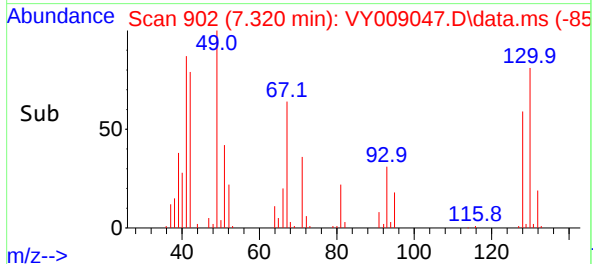
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 3133
Ion Ratio Lower Upper
41 100
39 142.5 92.9 139.3
67 0.0 0.0 0.0
52 0.0 0.0 0.0

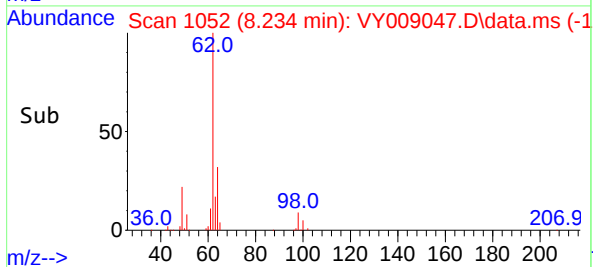
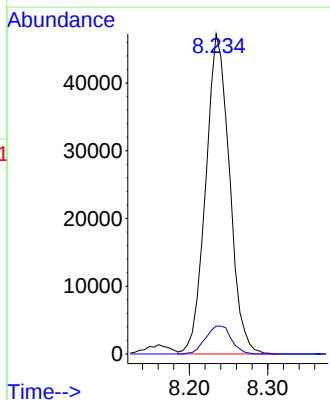
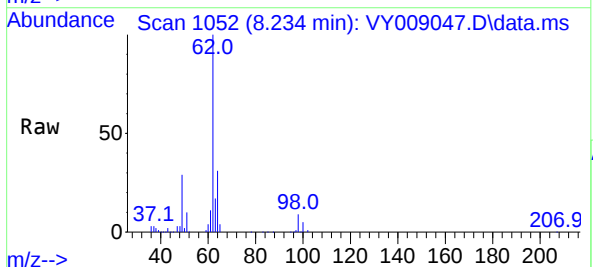
Manual Integrations
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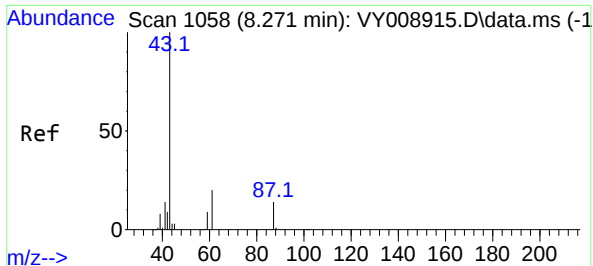
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#42
1,2-Dichloroethane
Concen: 54.686 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY009047.D
Acq: 24 May 2022 07:48

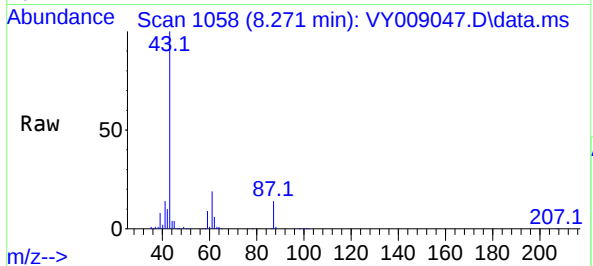
Tgt Ion: 62 Resp: 99507
Ion Ratio Lower Upper
62 100
98 9.4 0.0 14.8





#43
Isopropyl Acetate
Concen: 56.850 ug/l
RT: 8.271 min Scan# 117834
Delta R.T. -0.000 min
Lab File: VY009047.D
Acq: 24 May 2022 07:48

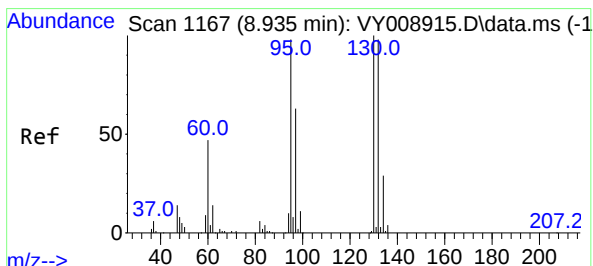
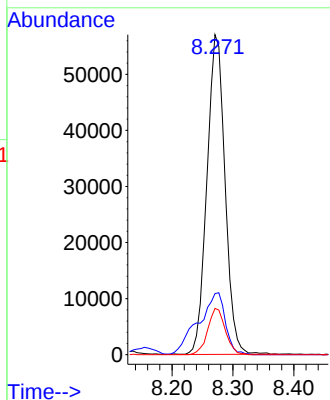
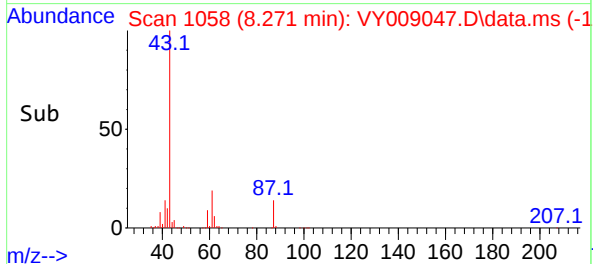
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 117834
Ion Ratio Lower Upper
43 100
61 28.8 20.2 30.2
87 14.1 8.9 13.3

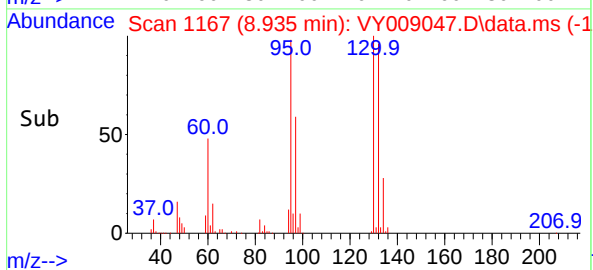
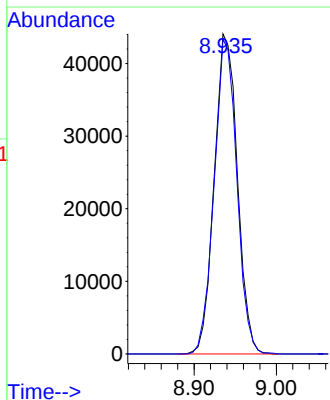
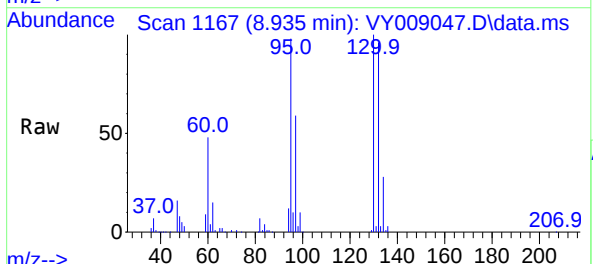
Manual Integrations
APPROVED

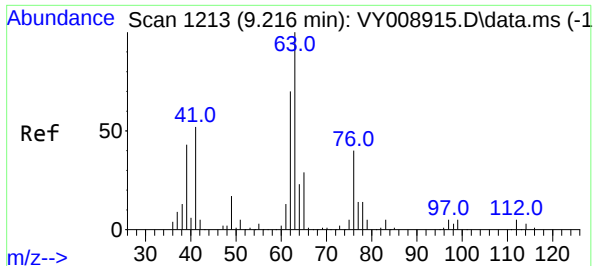
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#44
Trichloroethene
Concen: 52.363 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY009047.D
Acq: 24 May 2022 07:48

Tgt Ion:130 Resp: 85916
Ion Ratio Lower Upper
130 100
95 98.3 0.0 188.2





#45

1,2-Dichloropropane

Concen: 55.091 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY009047.D

Acq: 24 May 2022 07:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 8197

Ion Ratio Lower Upper

63 100

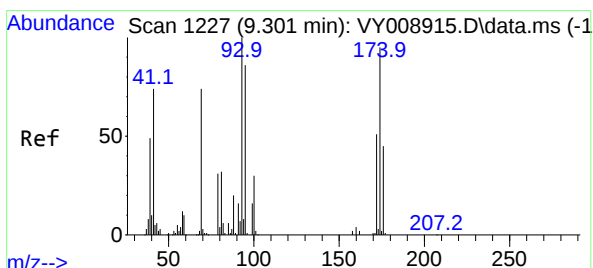
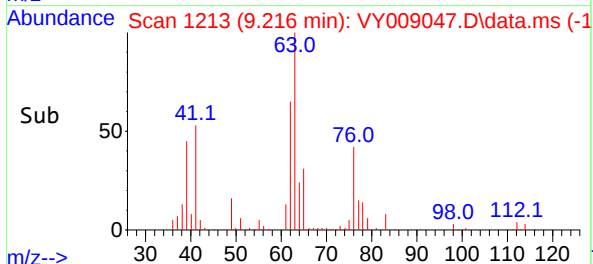
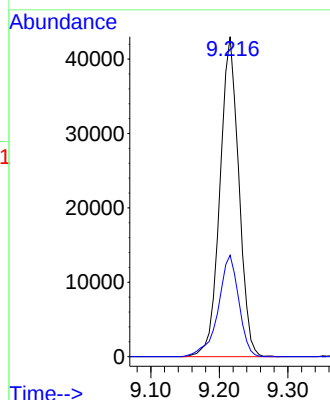
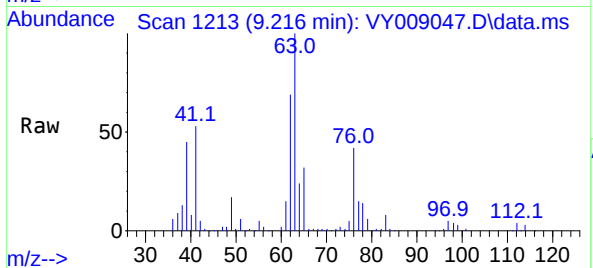
65 31.7 23.0 34.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/24/2022

Supervised By :Mahesh Dadoda 05/24/2022



#46

Dibromomethane

Concen: 53.716 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VY009047.D

Acq: 24 May 2022 07:48

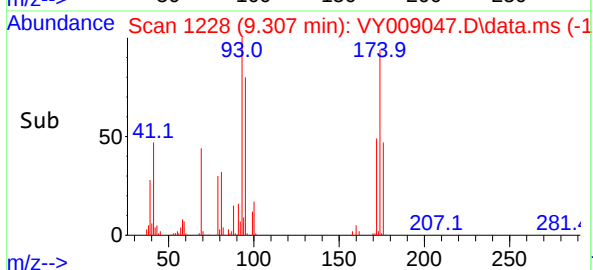
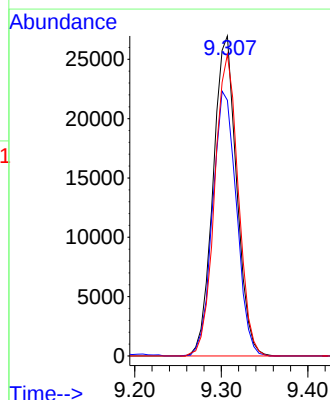
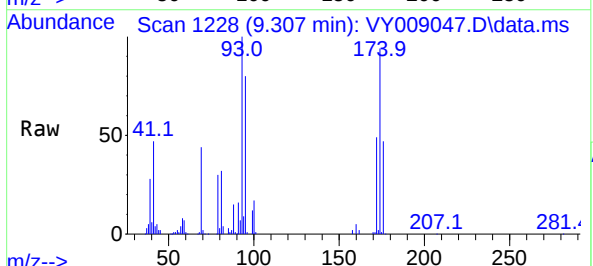
Tgt Ion: 93 Resp: 50821

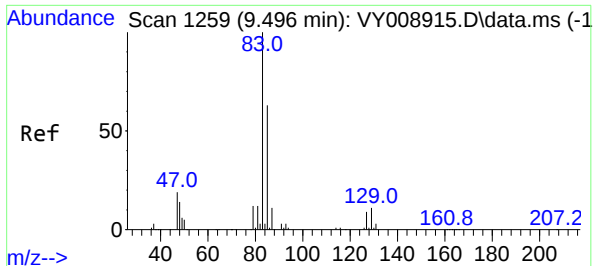
Ion Ratio Lower Upper

93 100

95 84.0 64.3 96.5

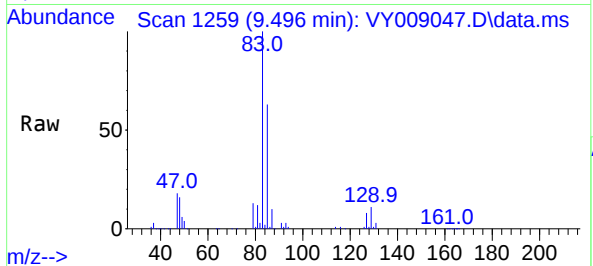
174 94.3 83.4 125.0





#47
Bromodichloromethane
Concen: 53.647 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY009047.D
Acq: 24 May 2022 07:48

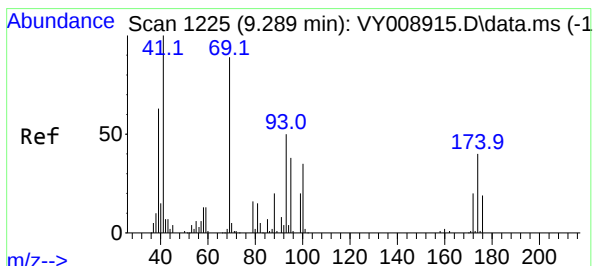
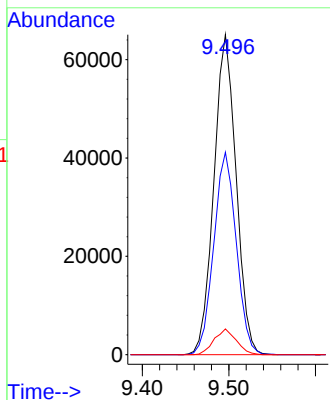
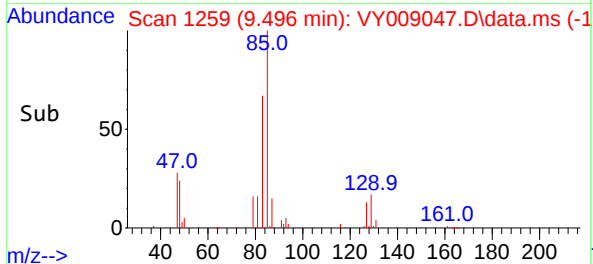
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



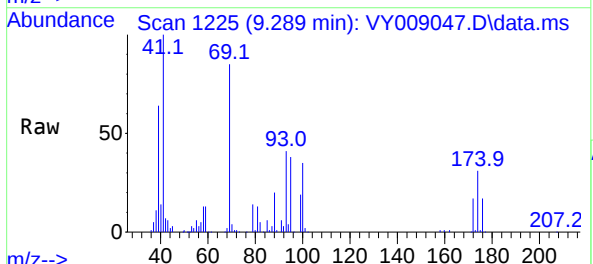
Tgt Ion: 83 Resp: 11599
Ion Ratio Lower Upper
83 100
85 63.3 51.9 77.9
127 8.1 6.6 10.0

Manual Integrations
APPROVED

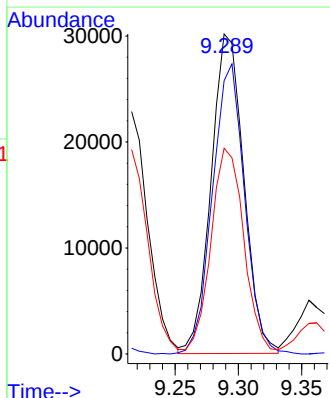
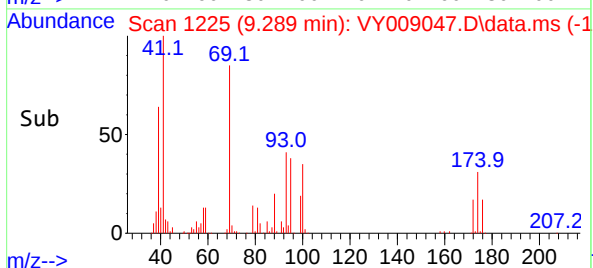
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

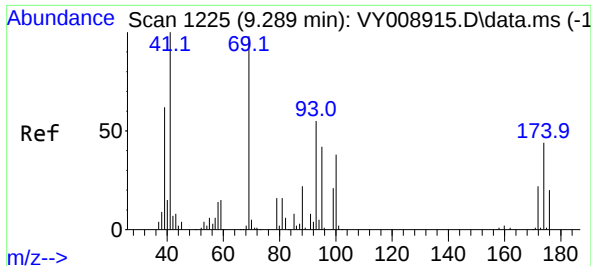


#48
Methyl methacrylate
Concen: 58.552 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY009047.D
Acq: 24 May 2022 07:48



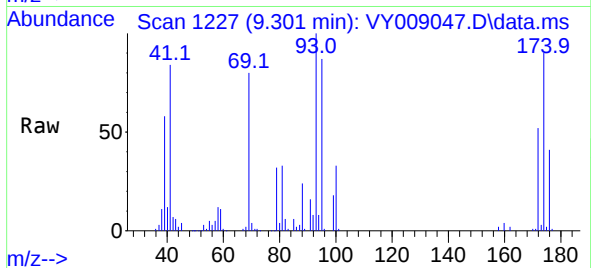
Tgt Ion: 41 Resp: 54191
Ion Ratio Lower Upper
41 100
69 89.3 58.2 87.2#
39 62.4 47.4 71.0





#49
1,4-Dioxane
Concen: 1120.472 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.012 min
Lab File: VY009047.D
Acq: 24 May 2022 07:48

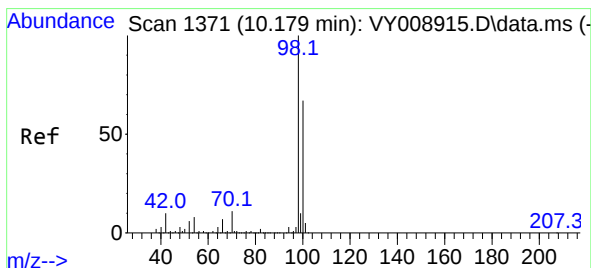
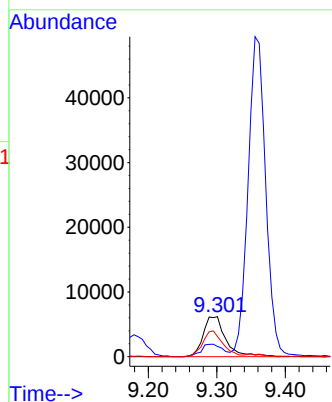
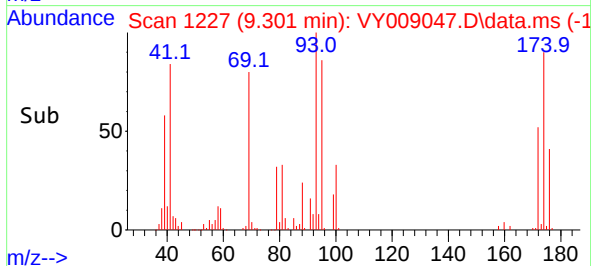
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 1417
Ion Ratio Lower Upper
88 100
43 30.0 32.8 49.2
58 57.8 59.8 89.6

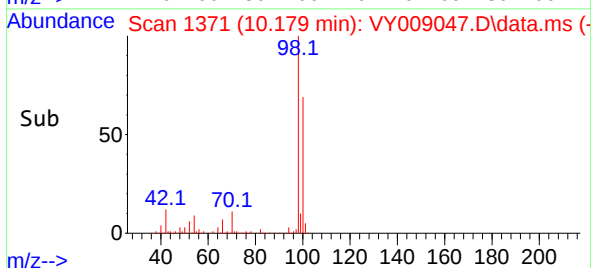
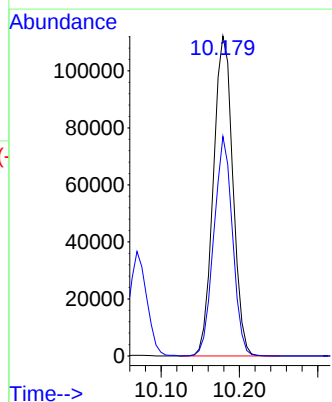
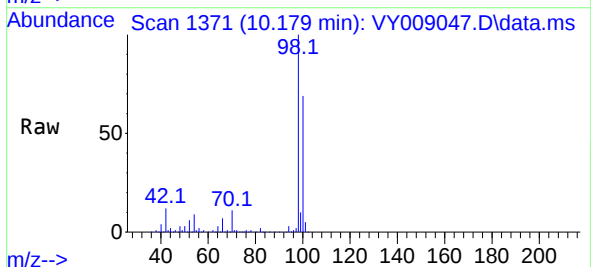
Manual Integrations
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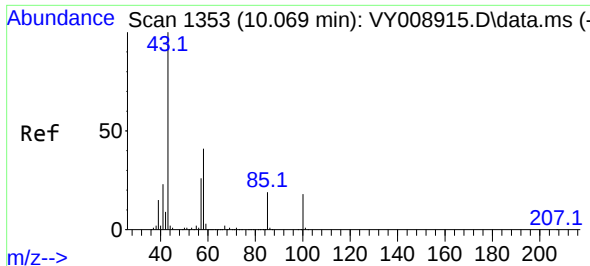
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#50
Toluene-d8
Concen: 41.586 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009047.D
Acq: 24 May 2022 07:48

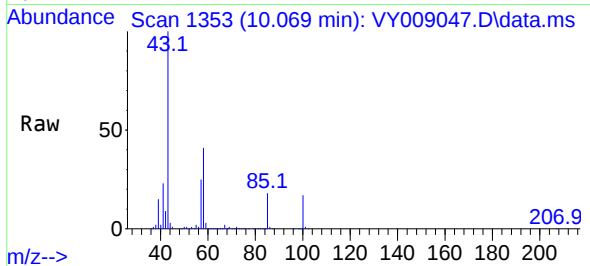
Tgt Ion: 98 Resp: 193726
Ion Ratio Lower Upper
98 100
100 65.9 50.2 75.2





#51
4-Methyl-2-Pentanone
Concen: 295.198 ug/l
RT: 10.069 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009047.D
Acq: 24 May 2022 07:48

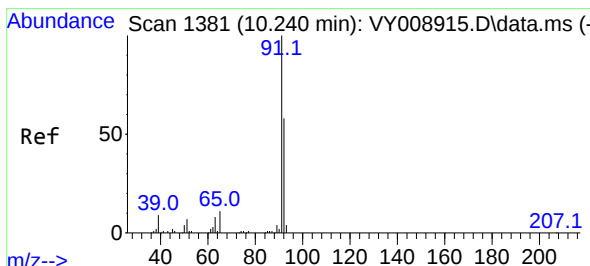
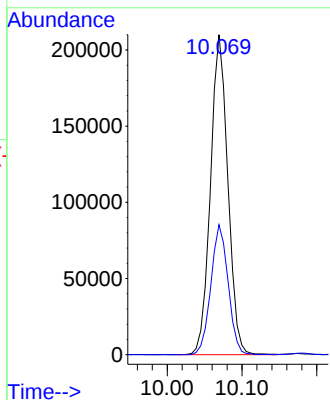
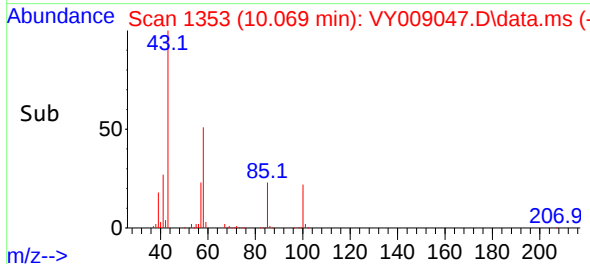
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



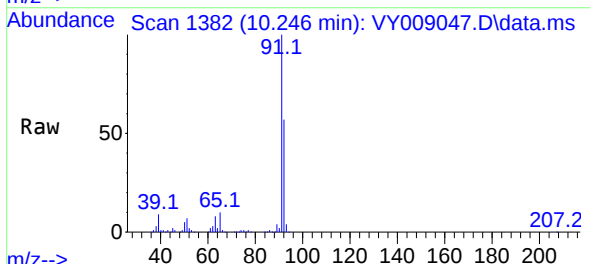
Tgt Ion: 43 Resp: 338624
Ion Ratio Lower Upper
43 100
58 40.4 28.1 42.1

Manual Integrations
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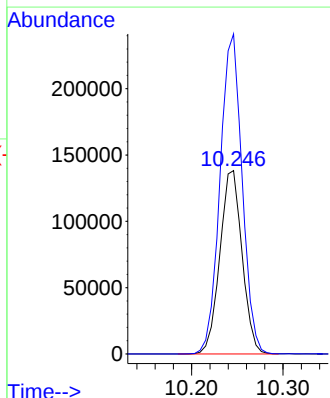
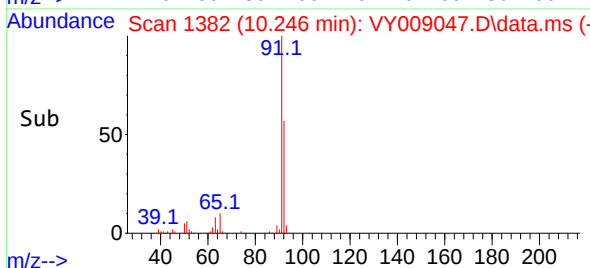
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

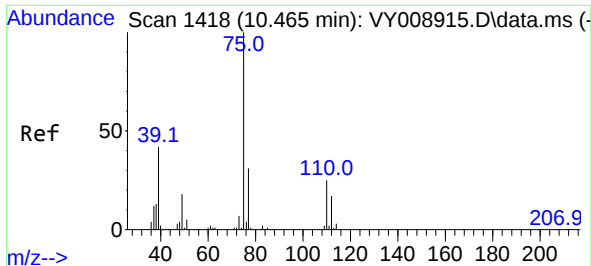


#52
Toluene
Concen: 53.932 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY009047.D
Acq: 24 May 2022 07:48



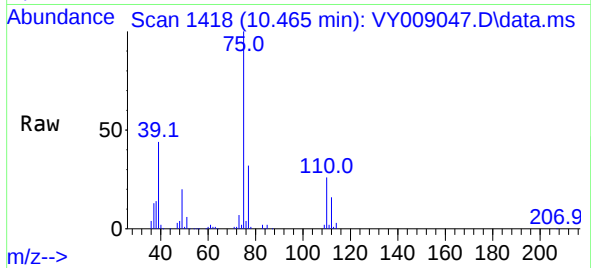
Tgt Ion: 92 Resp: 233552
Ion Ratio Lower Upper
92 100
91 173.6 142.6 213.8





#53
 t-1,3-Dichloropropene
 Concen: 52.798 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY009047.D
 Acq: 24 May 2022 07:48

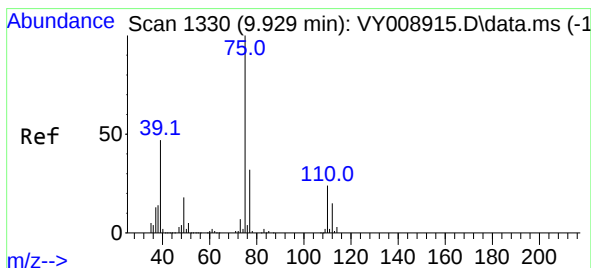
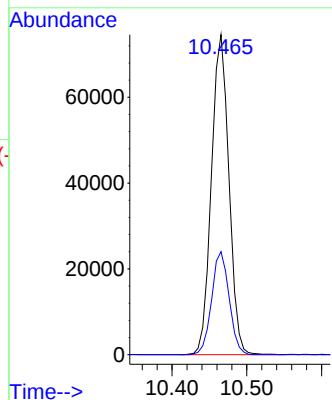
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 75 Resp: 121232
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.4 38.2

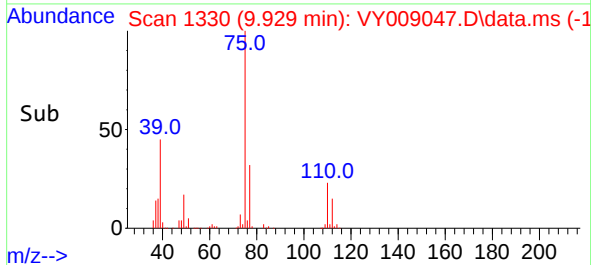
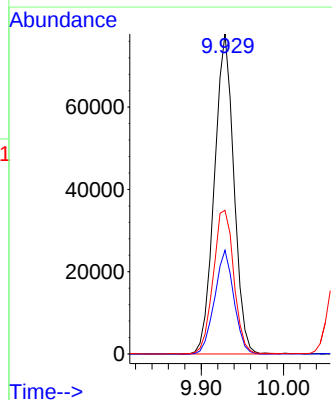
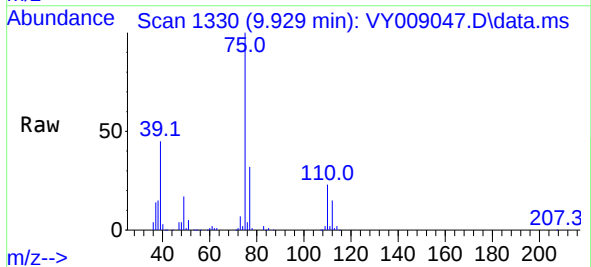
Manual Integrations
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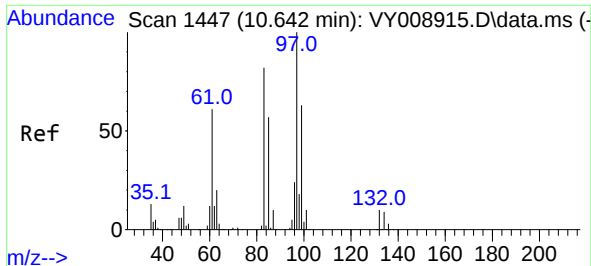
Reviewed By :John Carlone 05/24/2022
 Supervised By :Mahesh Dadoda 05/24/2022



#54
 cis-1,3-Dichloropropene
 Concen: 51.874 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY009047.D
 Acq: 24 May 2022 07:48

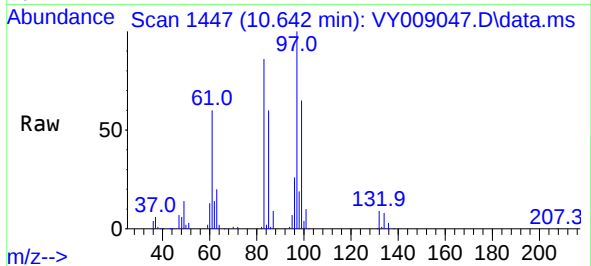
Tgt Ion: 75 Resp: 128047
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.6 38.4
 39 44.9 47.6 71.4#





#55
1,1,2-Trichloroethane
Concen: 53.831 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY009047.D
Acq: 24 May 2022 07:48

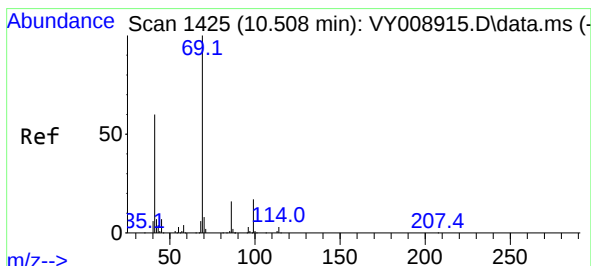
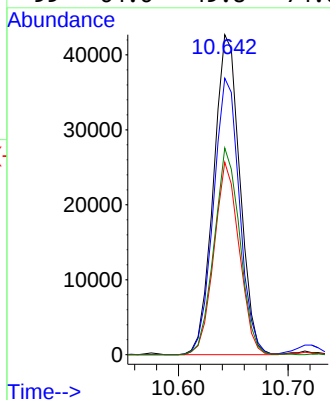
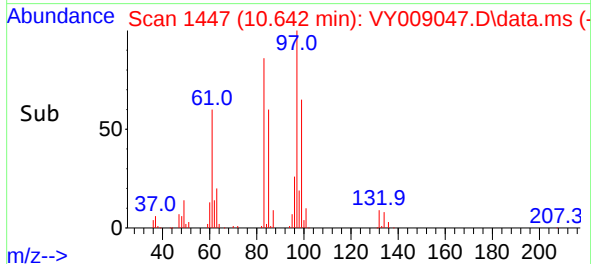
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



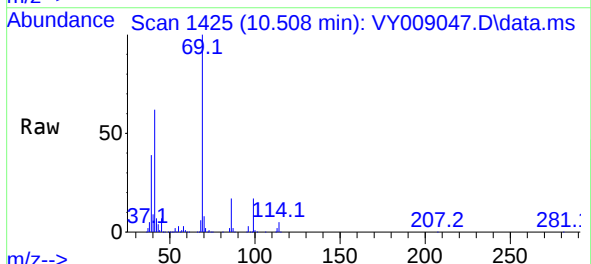
Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.4	69.8	104.8
85	60.1	44.3	66.5
99	64.6	49.8	74.6

Manual Integrations
APPROVED

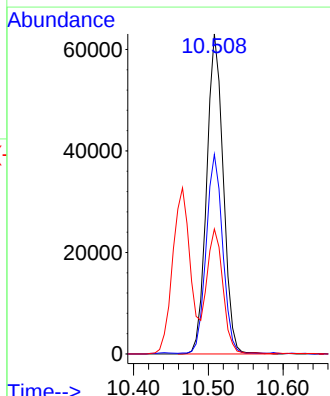
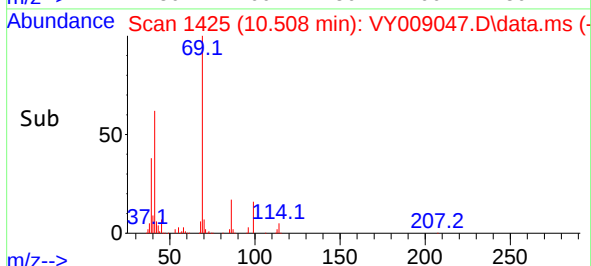
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

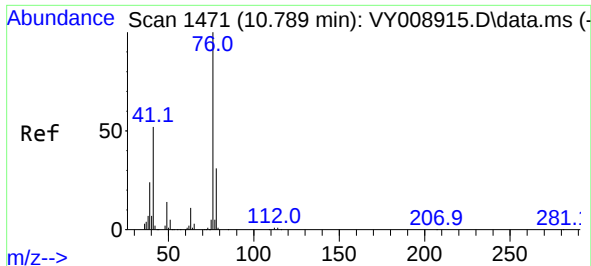


#56
Ethyl methacrylate
Concen: 57.435 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY009047.D
Acq: 24 May 2022 07:48



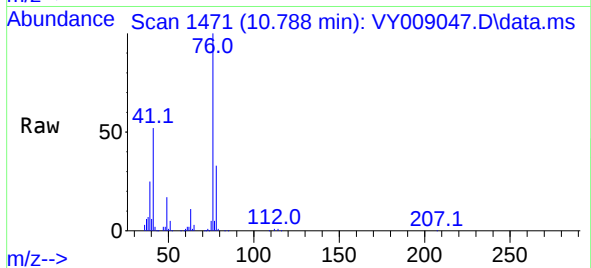
Tgt Ion	Ratio	Lower	Upper
69	100		
41	61.6	63.4	95.0#
39	37.0	35.8	53.8





#57
1,3-Dichloropropane
Concen: 55.904 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. -0.001 min
Lab File: VY009047.D
Acq: 24 May 2022 07:48

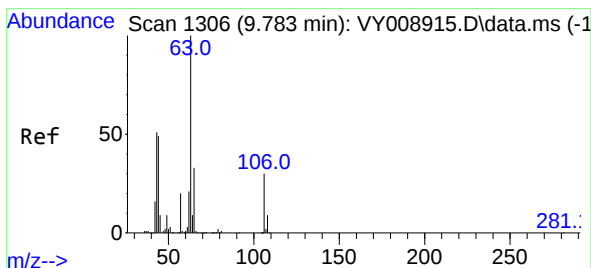
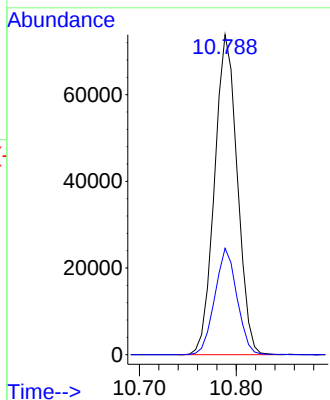
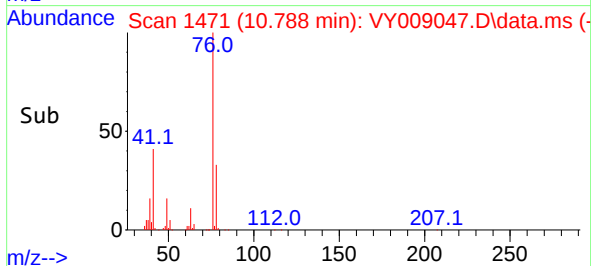
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 120709
Ion Ratio Lower Upper
76 100
78 32.4 25.0 37.6

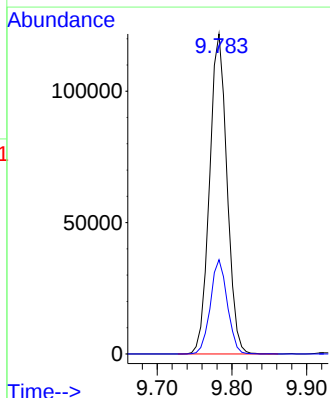
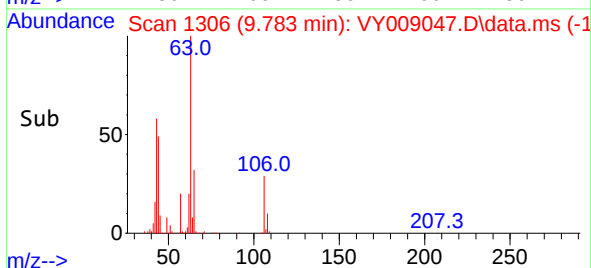
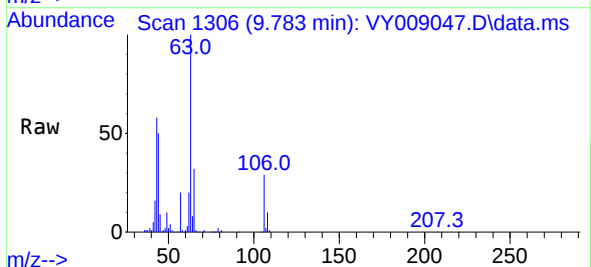
Manual Integrations
APPROVED

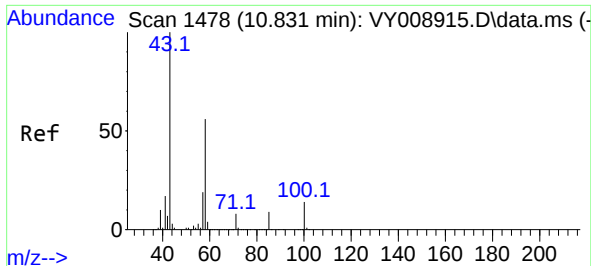
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#58
2-Chloroethyl Vinyl ether
Concen: 269.413 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. -0.000 min
Lab File: VY009047.D
Acq: 24 May 2022 07:48

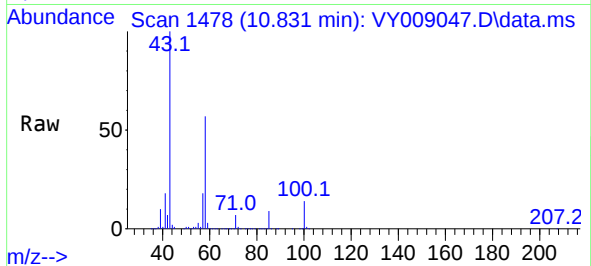
Tgt Ion: 63 Resp: 197246
Ion Ratio Lower Upper
63 100
106 28.5 21.5 32.3





#59
2-Hexanone
Concen: 300.146 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY009047.D
Acq: 24 May 2022 07:48

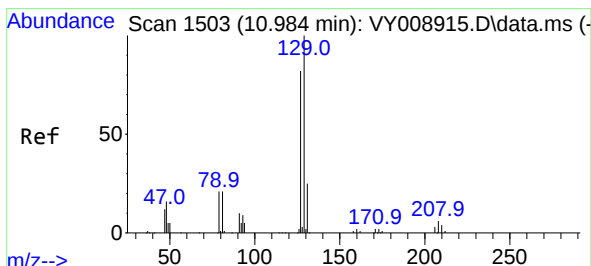
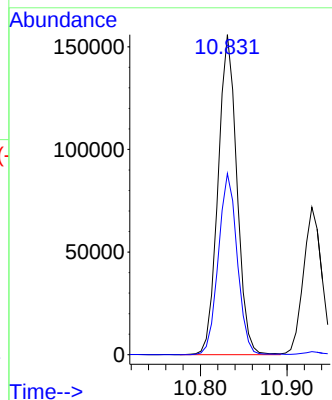
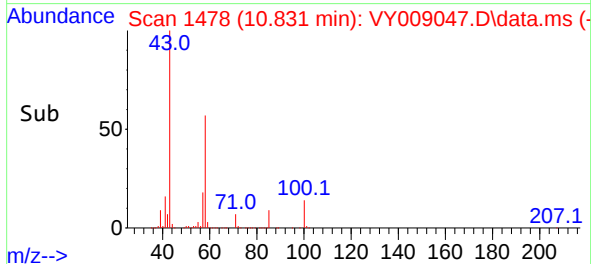
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 23573
Ion Ratio Lower Upper
43 100
58 56.7 24.4 73.4

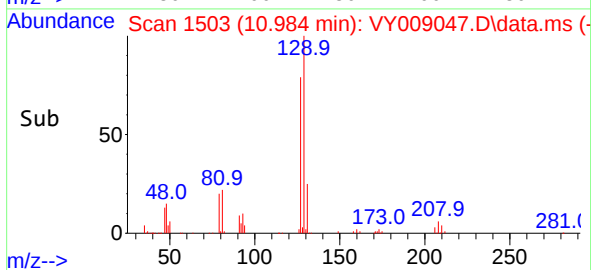
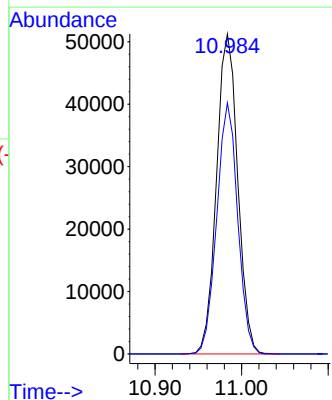
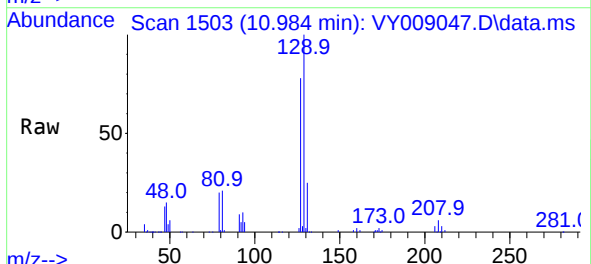
Manual Integrations
APPROVED

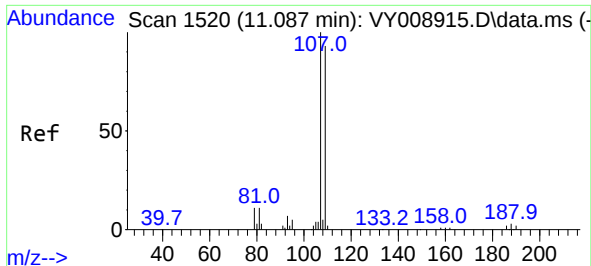
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#60
Dibromochloromethane
Concen: 54.348 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY009047.D
Acq: 24 May 2022 07:48

Tgt Ion:129 Resp: 87203
Ion Ratio Lower Upper
129 100
127 77.3 38.7 116.1





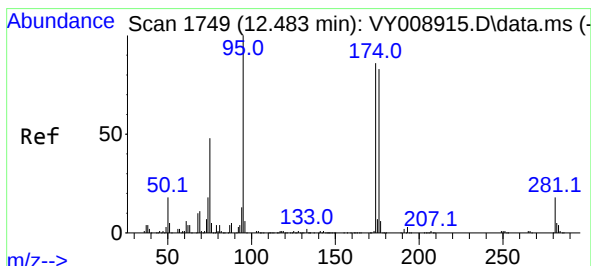
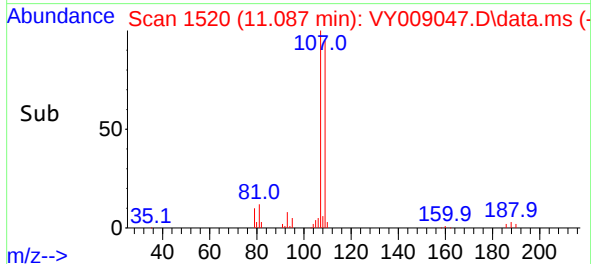
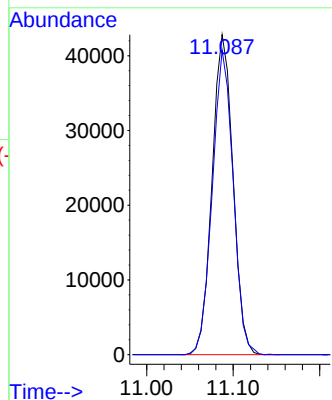
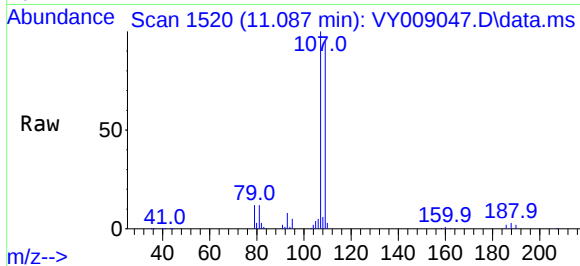
#61
1,2-Dibromoethane
Concen: 54.700 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009047.D
Acq: 24 May 2022 07:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 7174
Ion Ratio Lower Upper
107 100
109 94.9 75.4 113.2

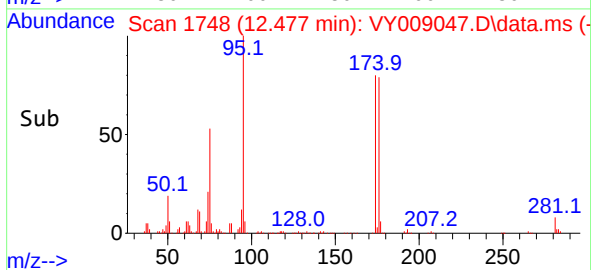
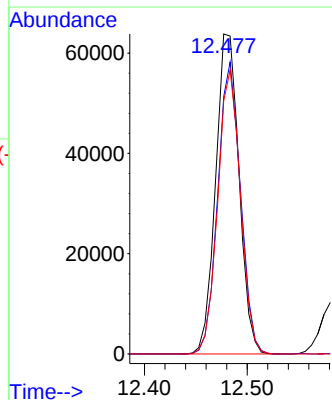
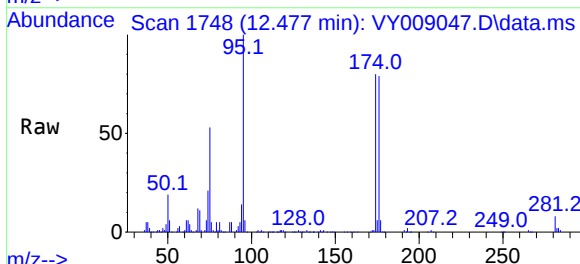
Manual Integrations
APPROVED

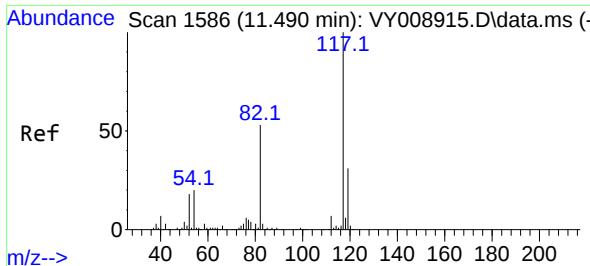
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#62
4-Bromofluorobenzene
Concen: 53.603 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY009047.D
Acq: 24 May 2022 07:48

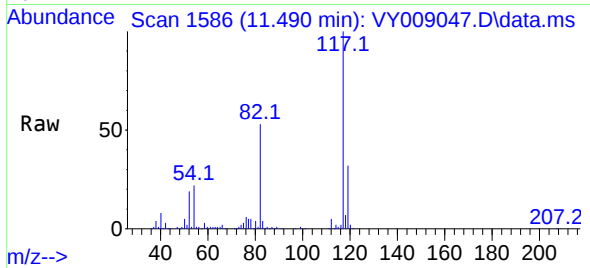
Tgt Ion: 95 Resp: 100729
Ion Ratio Lower Upper
95 100
174 88.3 0.0 177.0
176 86.0 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY009047.D
Acq: 24 May 2022 07:48

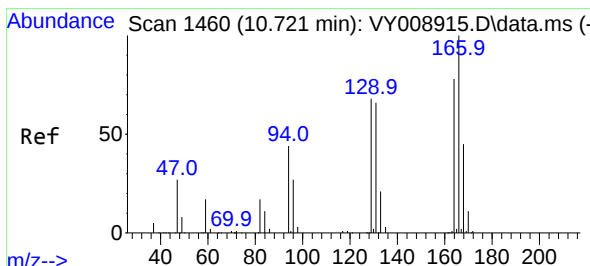
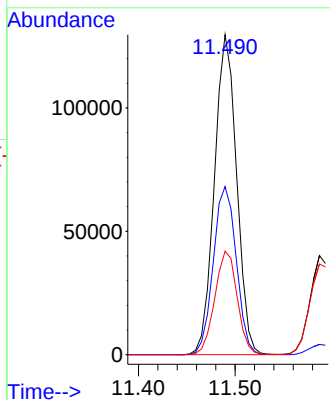
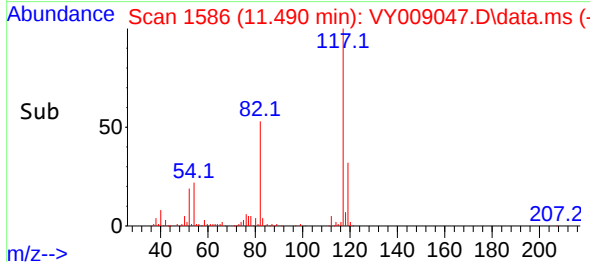
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



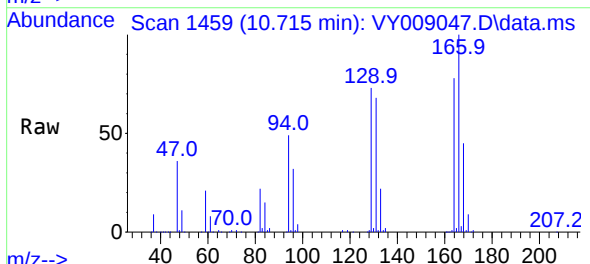
Tgt Ion:117 Resp: 206720
Ion Ratio Lower Upper
117 100
82 52.5 43.0 64.4
119 32.4 25.4 38.0

Manual Integrations
APPROVED

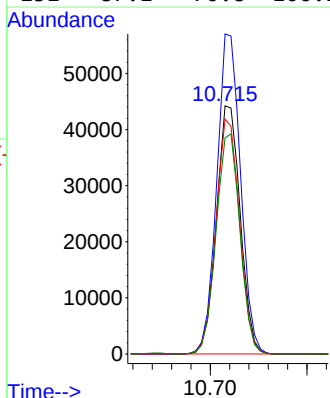
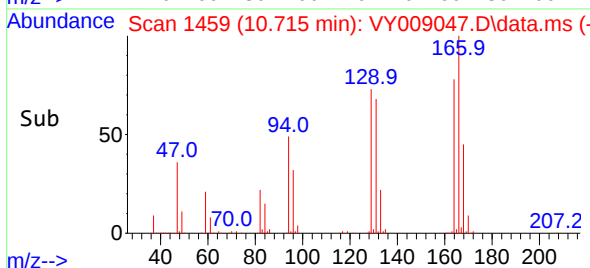
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

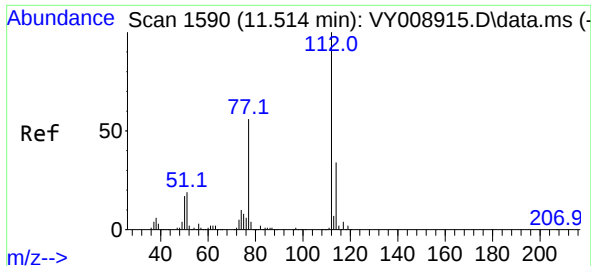


#64
Tetrachloroethene
Concen: 50.348 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY009047.D
Acq: 24 May 2022 07:48



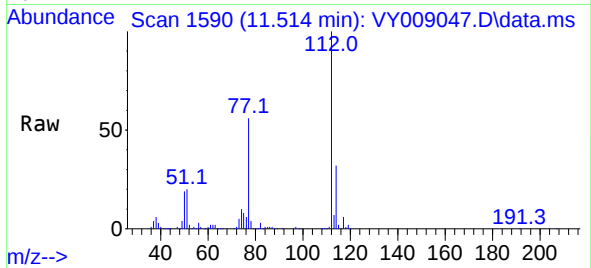
Tgt Ion:164 Resp: 75755
Ion Ratio Lower Upper
164 100
166 128.9 100.4 150.6
129 94.6 71.4 107.0
131 87.1 70.8 106.2





#65
Chlorobenzene
Concen: 52.060 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY009047.D
Acq: 24 May 2022 07:48

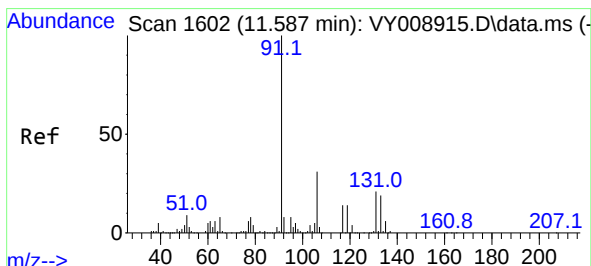
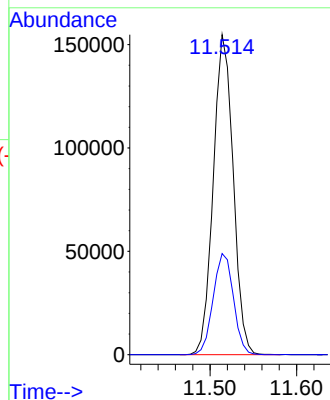
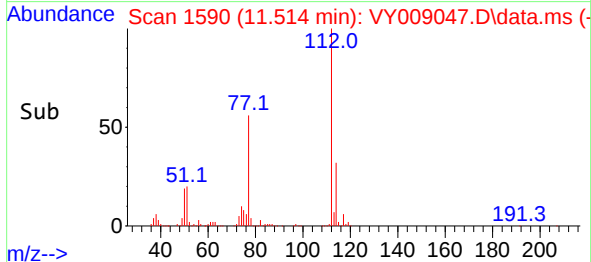
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



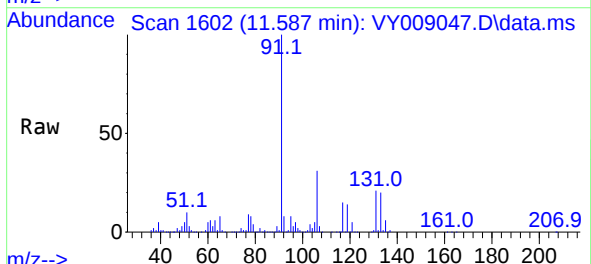
Tgt Ion:112 Resp: 24701
Ion Ratio Lower Upper
112 100
114 31.6 25.8 38.6

Manual Integrations
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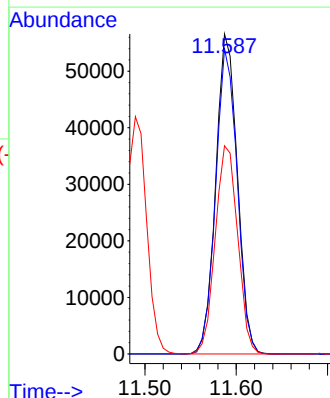
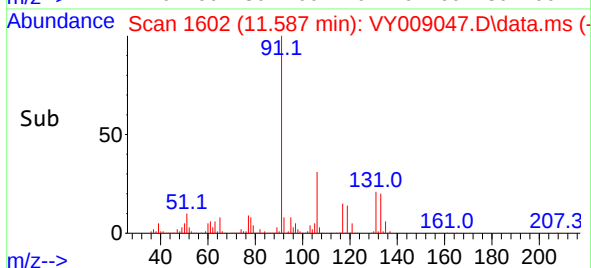
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

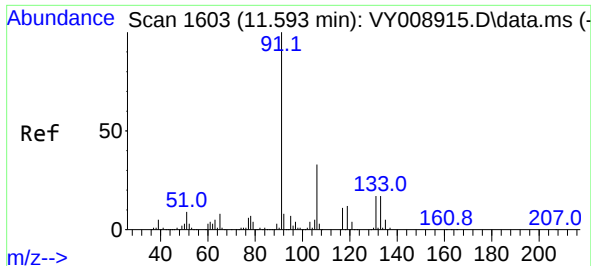


#66
1,1,1,2-Tetrachloroethane
Concen: 53.455 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY009047.D
Acq: 24 May 2022 07:48



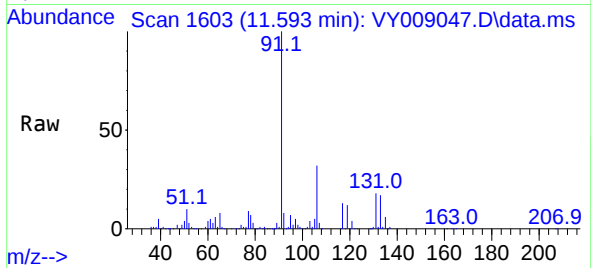
Tgt Ion:131 Resp: 92869
Ion Ratio Lower Upper
131 100
133 95.0 47.9 143.6
119 67.7 30.8 92.3





#67
Ethyl Benzene
Concen: 53.807 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY009047.D
Acq: 24 May 2022 07:48

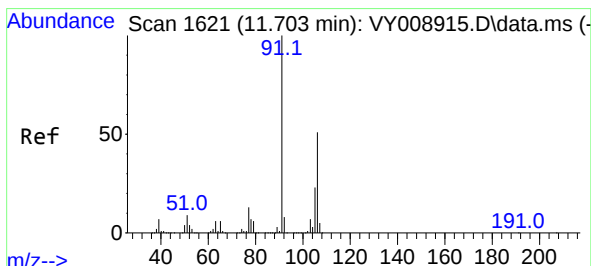
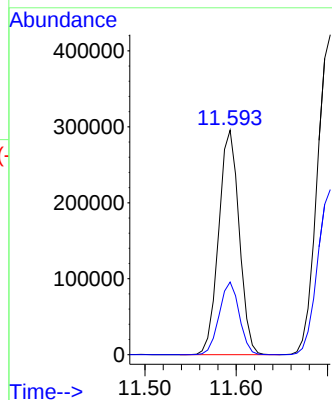
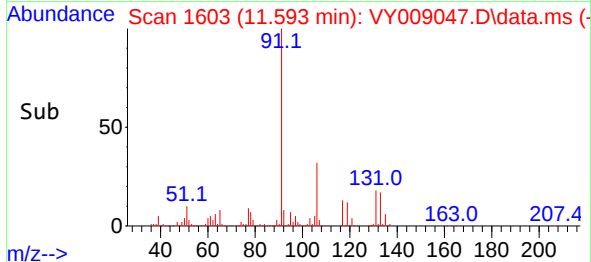
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



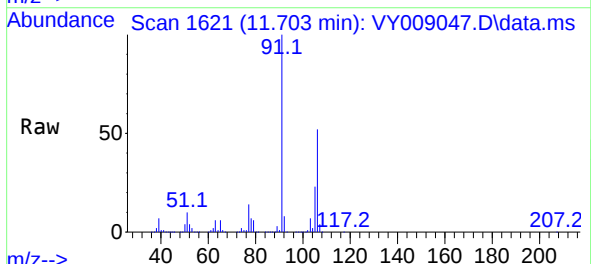
Tgt Ion: 91 Resp: 460085
Ion Ratio Lower Upper
91 100
106 32.3 24.5 36.7

Manual Integrations
APPROVED

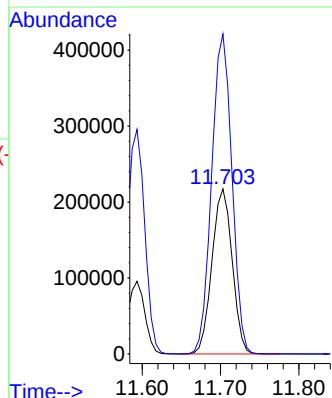
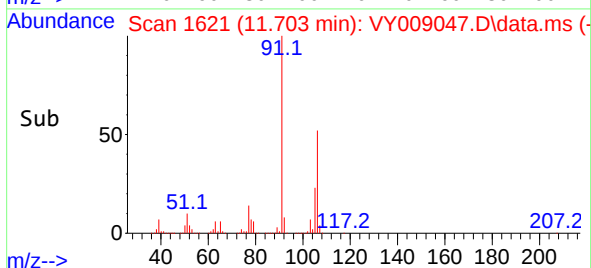
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

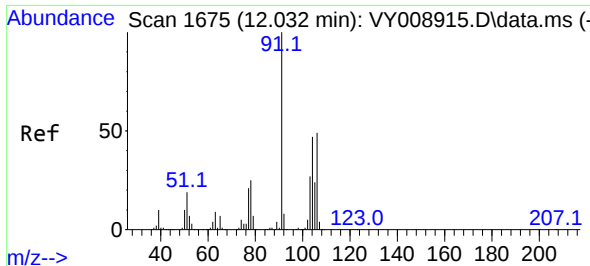


#68
m/p-Xylenes
Concen: 112.176 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY009047.D
Acq: 24 May 2022 07:48



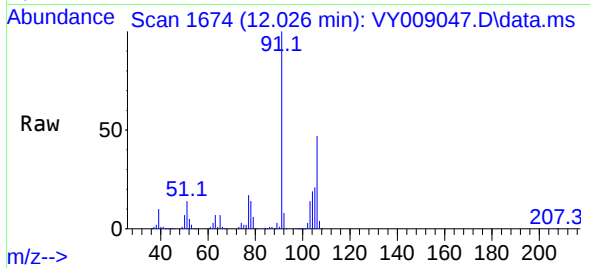
Tgt Ion:106 Resp: 389377
Ion Ratio Lower Upper
106 100
91 194.3 166.6 249.8





#69
o-Xylene
Concen: 55.681 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY009047.D
Acq: 24 May 2022 07:48

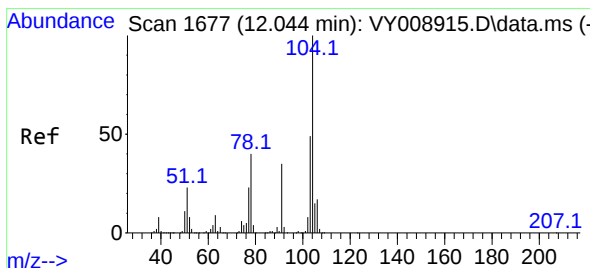
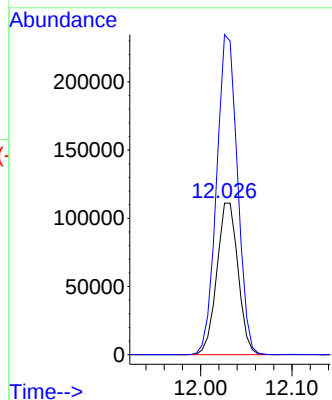
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 179479
Ion Ratio Lower Upper
106 100
91 208.3 110.3 331.0

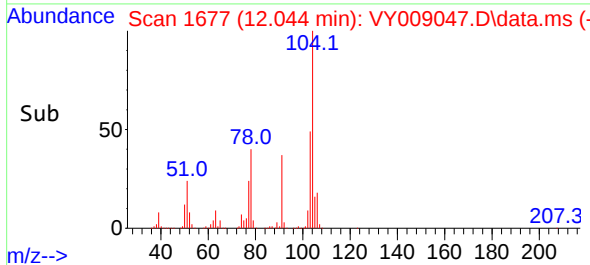
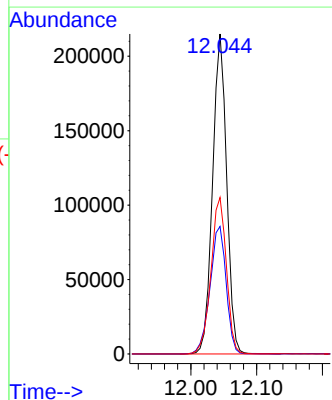
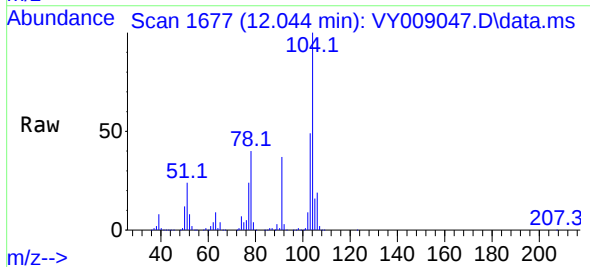
Manual Integrations
APPROVED

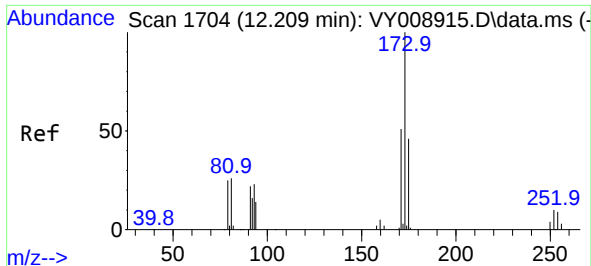
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#70
Styrene
Concen: 57.745 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY009047.D
Acq: 24 May 2022 07:48

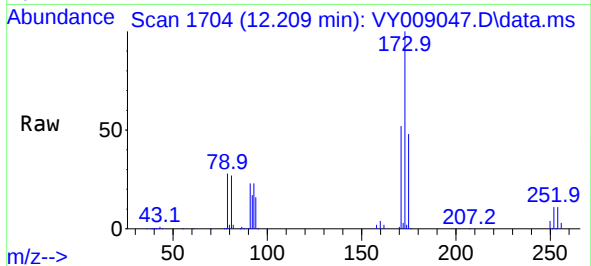
Tgt Ion:104 Resp: 320098
Ion Ratio Lower Upper
104 100
78 45.6 42.4 63.6
103 53.7 44.4 66.6





#71
Bromoform
Concen: 56.772 ug/l
RT: 12.209 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009047.D
Acq: 24 May 2022 07:48

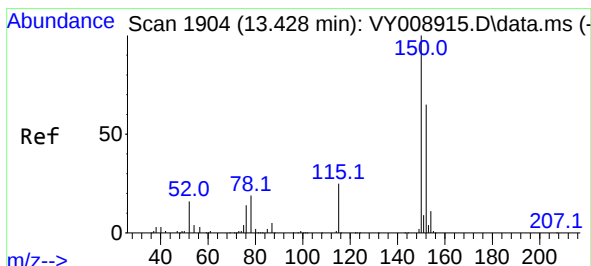
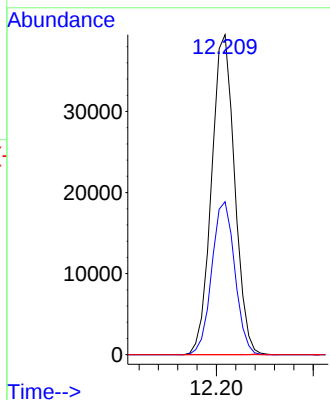
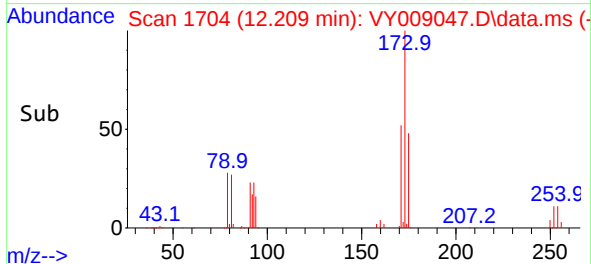
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



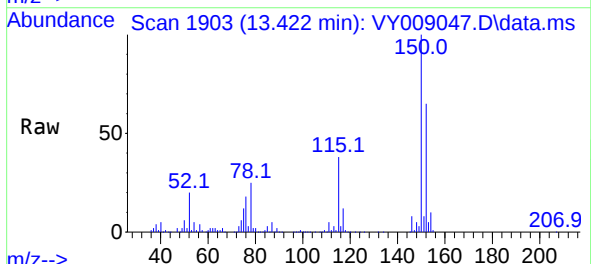
Tgt Ion:173 Resp: 65384
Ion Ratio Lower Upper
173 100
175 47.7 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

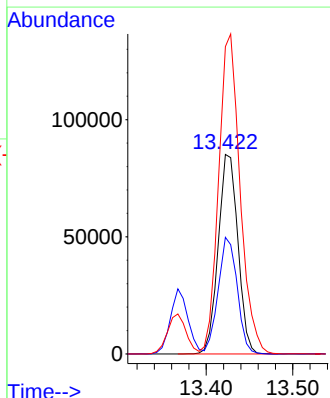
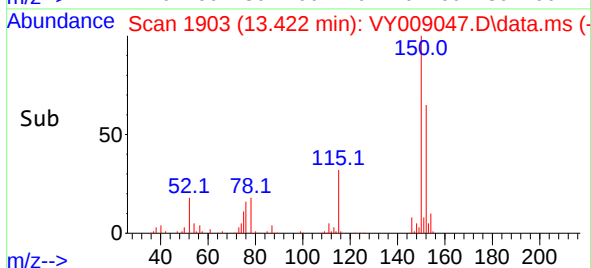
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

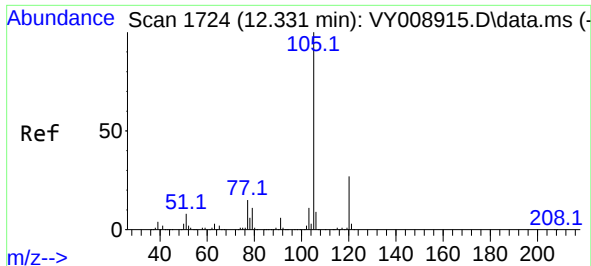


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY009047.D
Acq: 24 May 2022 07:48



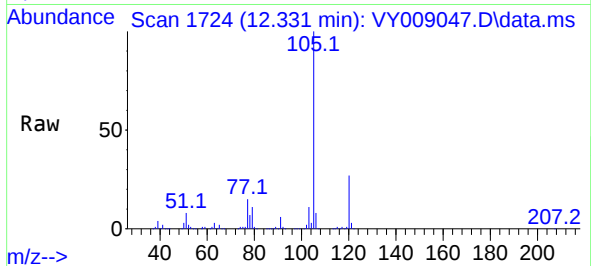
Tgt Ion:152 Resp: 134397
Ion Ratio Lower Upper
152 100
115 56.5 28.2 84.7
150 174.6 0.0 347.6





#73
Isopropylbenzene
Concen: 48.704 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009047.D
Acq: 24 May 2022 07:48

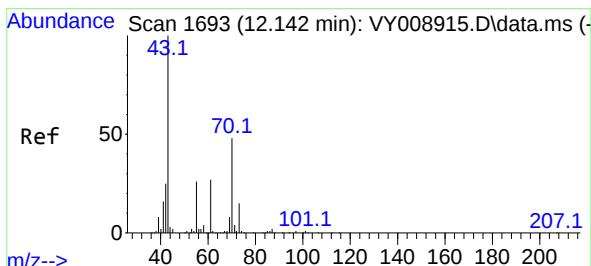
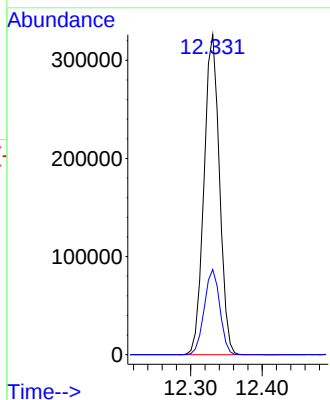
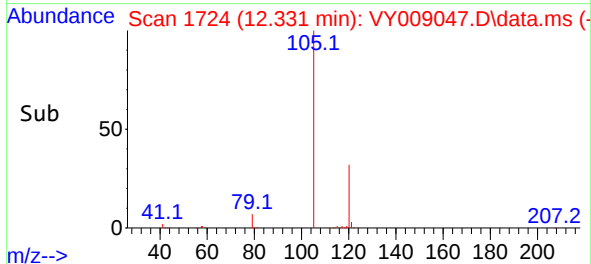
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



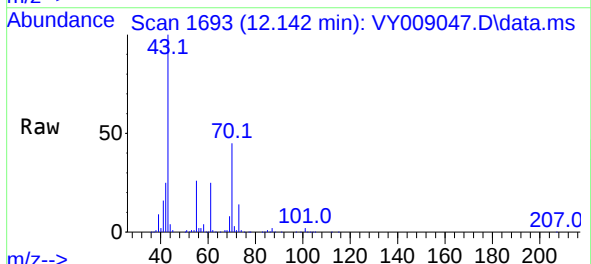
Tgt Ion:105 Resp: 489440
Ion Ratio Lower Upper
105 100
120 26.8 13.4 40.2

Manual Integrations
APPROVED

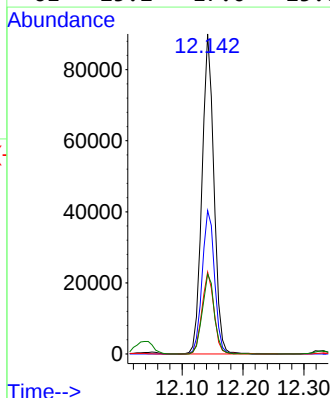
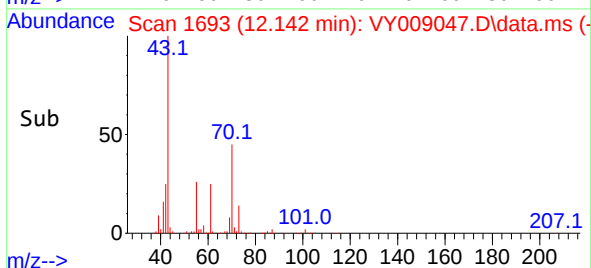
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

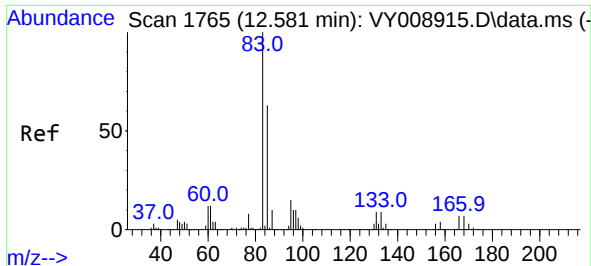


#74
N-ethyl acetate
Concen: 52.900 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY009047.D
Acq: 24 May 2022 07:48



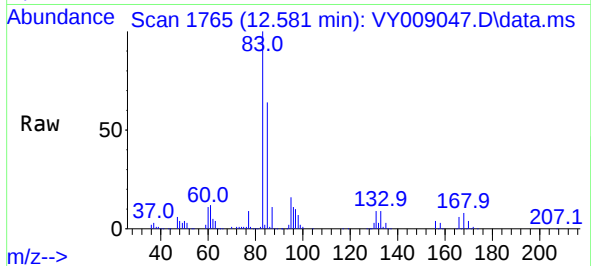
Tgt Ion: 43 Resp: 122656
Ion Ratio Lower Upper
43 100
70 46.6 28.7 43.1#
55 25.7 17.3 25.9
61 25.2 17.0 25.6





#75
1,1,2,2-Tetrachloroethane
Concen: 48.494 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY009047.D
Acq: 24 May 2022 07:48

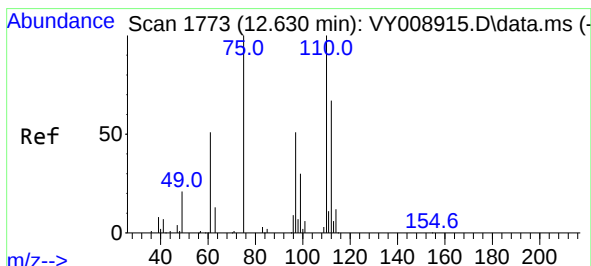
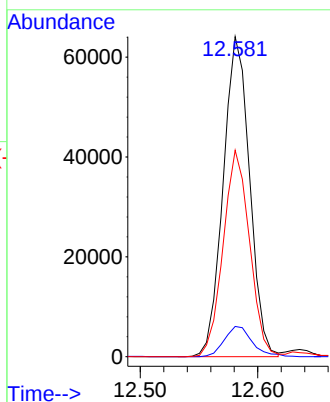
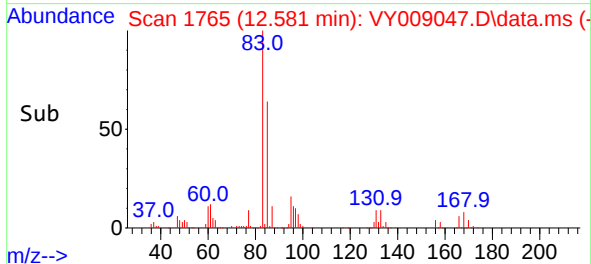
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



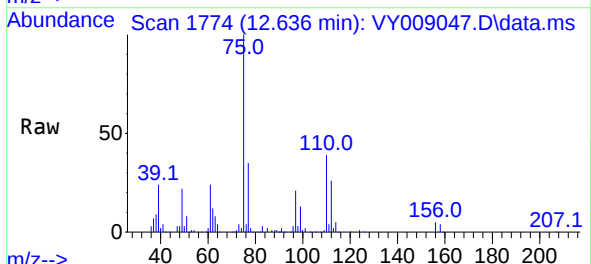
Tgt Ion: 83 Resp: 100390
Ion Ratio Lower Upper
83 100
131 10.0 5.6 16.8
85 64.6 32.3 96.8

Manual Integrations
APPROVED

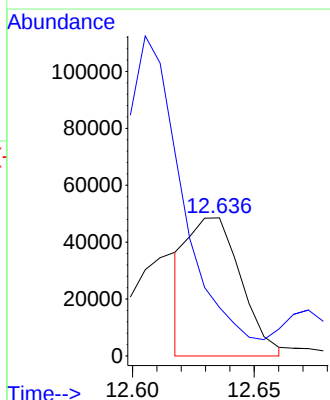
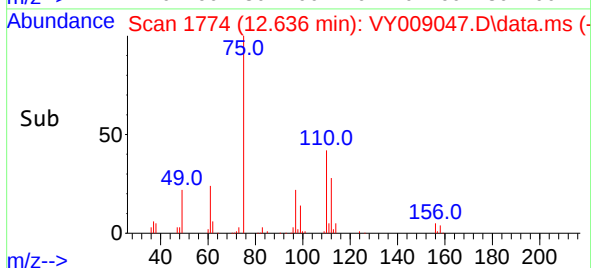
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

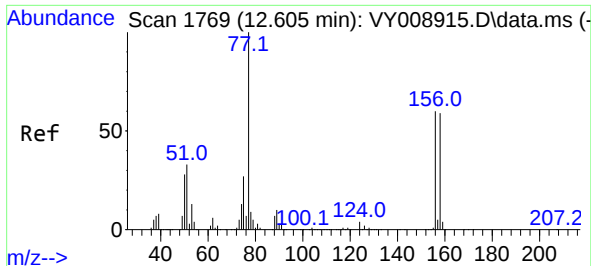


#76
1,2,3-Trichloropropane
Concen: 51.210 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. 0.006 min
Lab File: VY009047.D
Acq: 24 May 2022 07:48



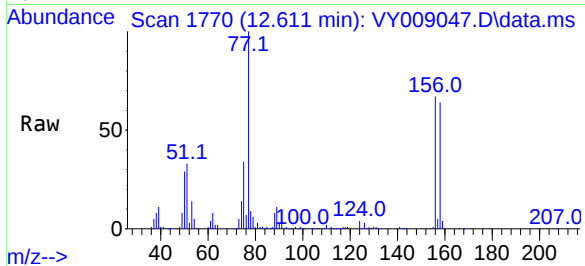
Tgt Ion: 75 Resp: 73909
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 47.969 ug/l
RT: 12.611 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VY009047.D
Acq: 24 May 2022 07:48

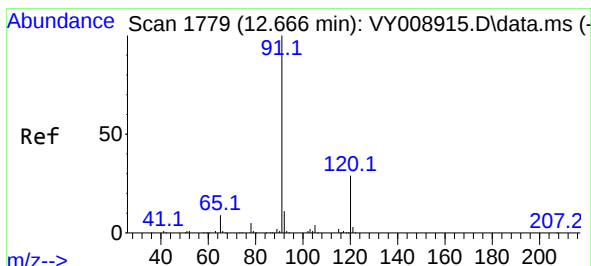
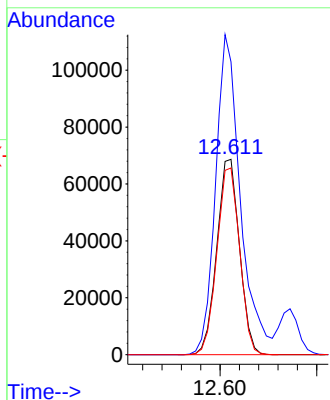
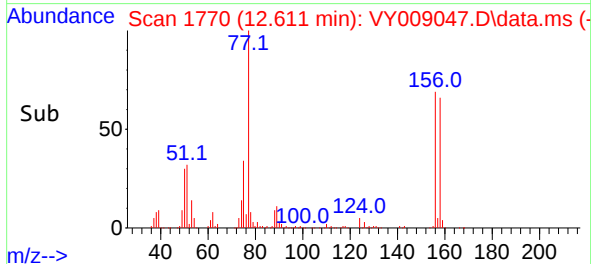
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



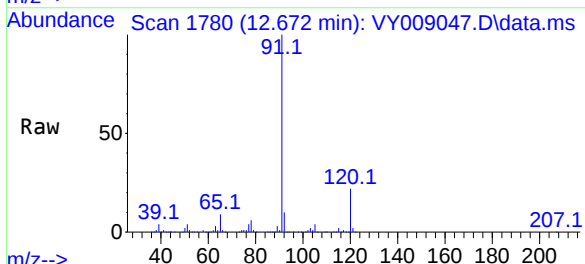
Tgt Ion:156 Resp: 111740
Ion Ratio Lower Upper
156 100
77 179.3 95.5 286.4
158 95.7 48.0 144.0

Manual Integrations
APPROVED

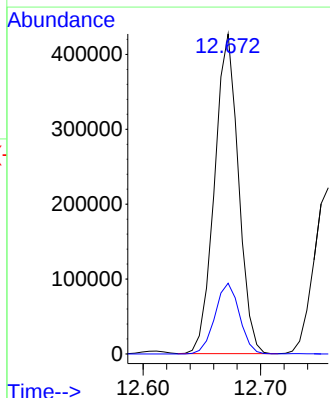
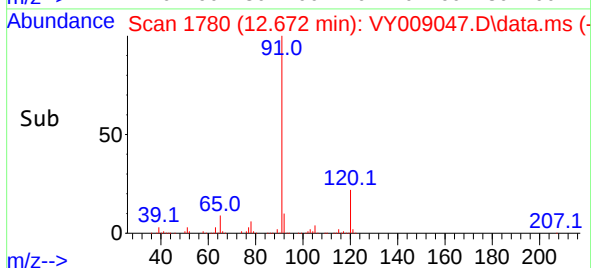
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

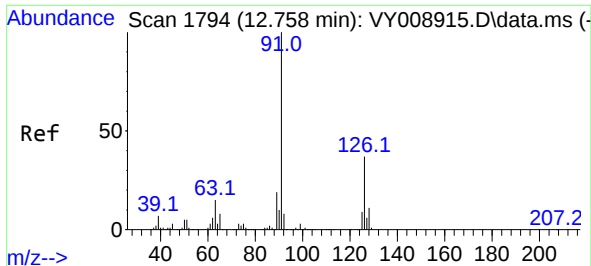


#78
n-propylbenzene
Concen: 52.078 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VY009047.D
Acq: 24 May 2022 07:48



Tgt Ion: 91 Resp: 604661
Ion Ratio Lower Upper
91 100
120 22.6 11.3 33.9





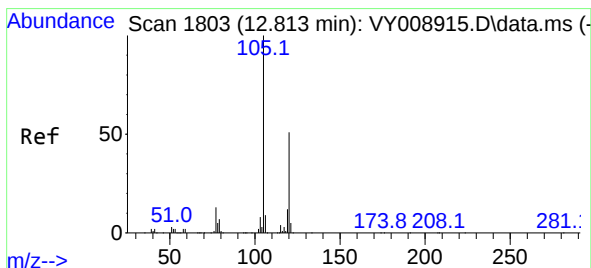
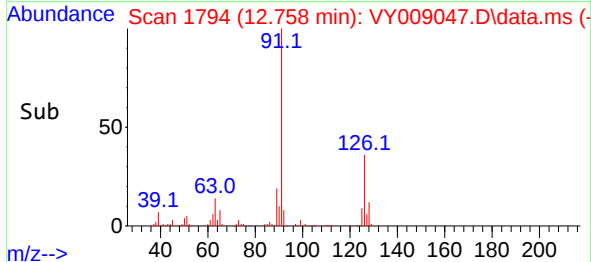
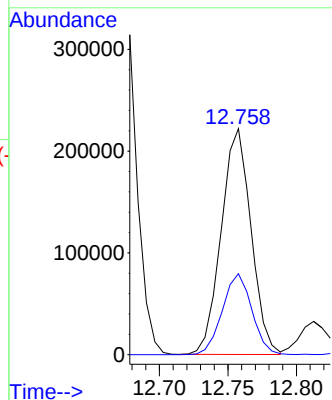
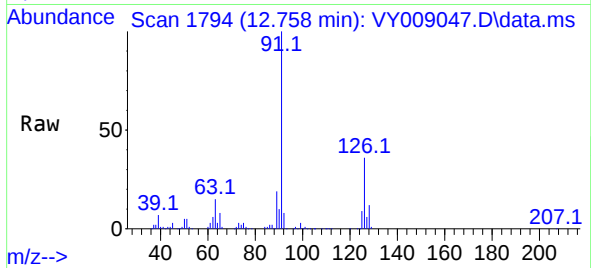
#79
2-Chlorotoluene
Concen: 50.262 ug/l
RT: 12.758 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009047.D
Acq: 24 May 2022 07:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 33661
Ion Ratio Lower Upper
91 100
126 35.4 16.9 50.6

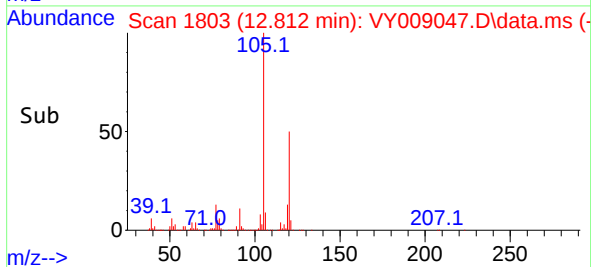
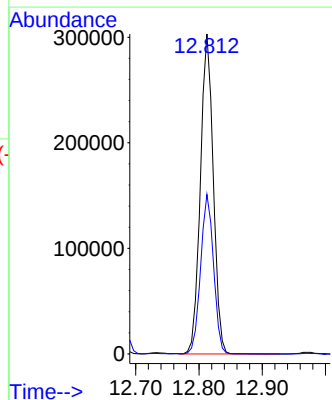
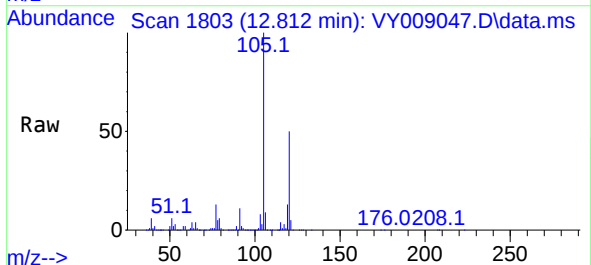
Manual Integrations
APPROVED

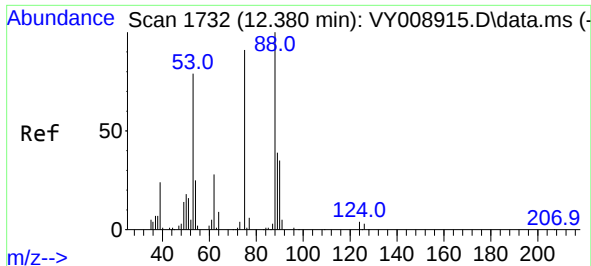
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#80
1,3,5-Trimethylbenzene
Concen: 51.172 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.001 min
Lab File: VY009047.D
Acq: 24 May 2022 07:48

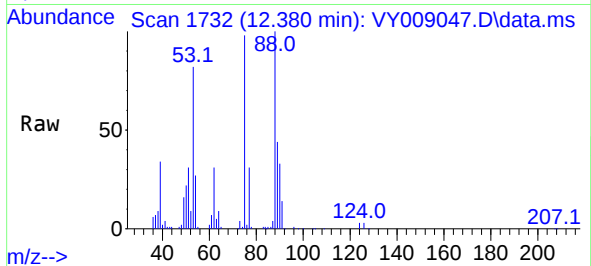
Tgt Ion:105 Resp: 431031
Ion Ratio Lower Upper
105 100
120 50.0 24.4 73.4





#81
trans-1,4-Dichloro-2-butene
Concen: 44.870 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY009047.D
Acq: 24 May 2022 07:48

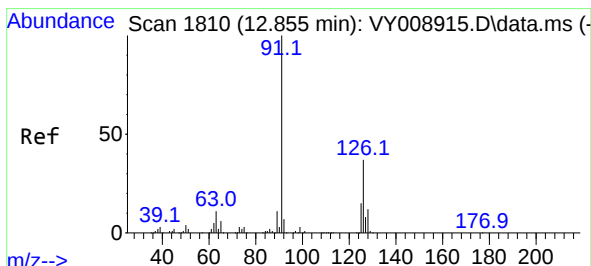
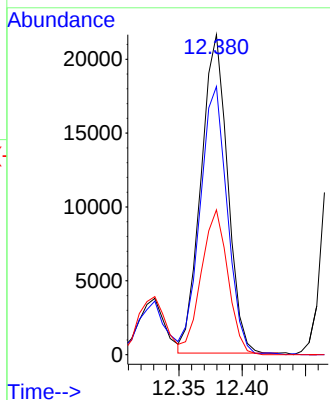
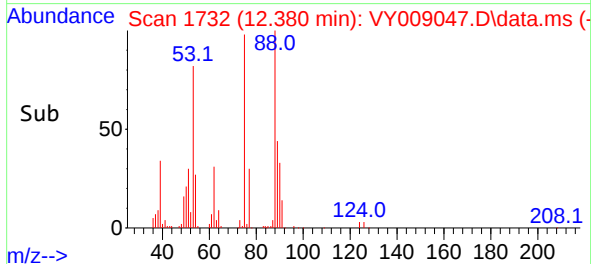
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



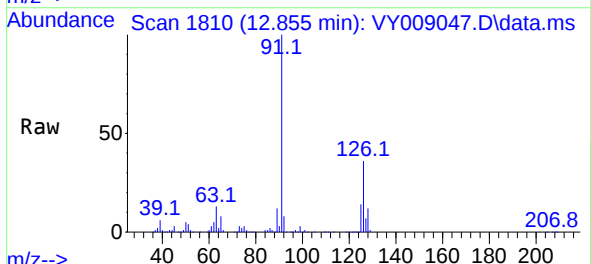
Tgt Ion: 75 Resp: 3155
Ion Ratio Lower Upper
75 100
53 86.3 85.3 127.9
89 45.7 37.0 55.4

Manual Integrations
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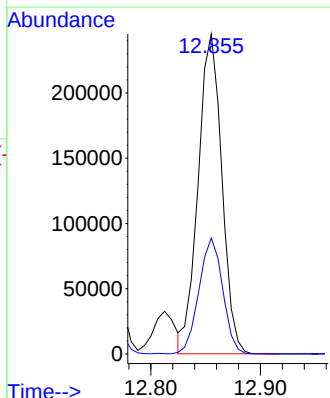
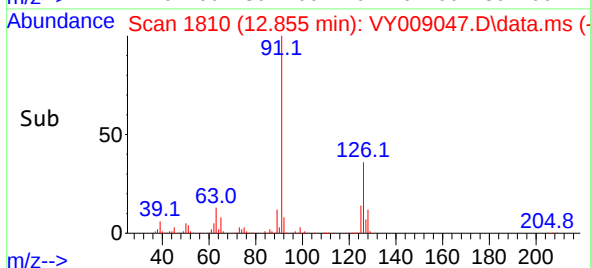
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

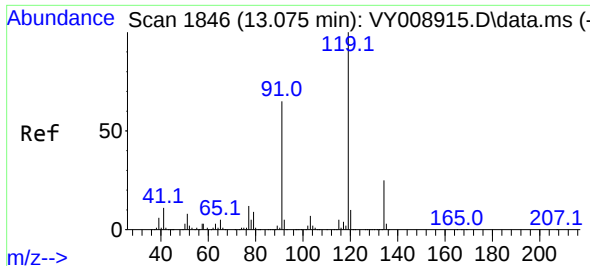


#82
4-Chlorotoluene
Concen: 51.409 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY009047.D
Acq: 24 May 2022 07:48



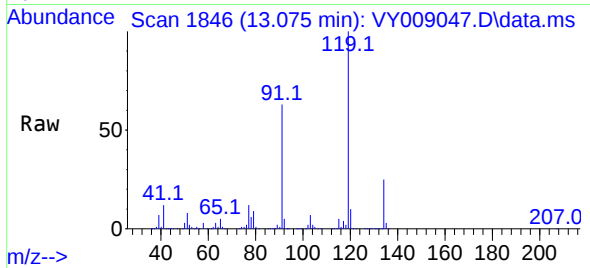
Tgt Ion: 91 Resp: 368255
Ion Ratio Lower Upper
91 100
126 36.4 17.0 51.0





#83
tert-Butylbenzene
Concen: 50.049 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY009047.D
Acq: 24 May 2022 07:48

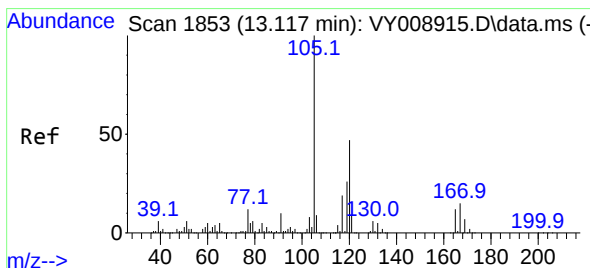
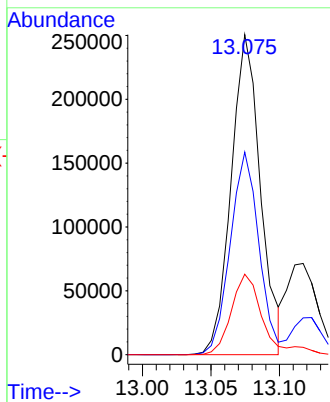
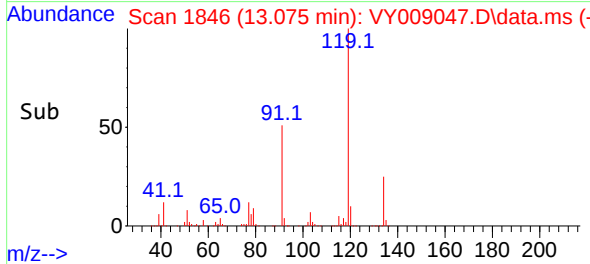
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



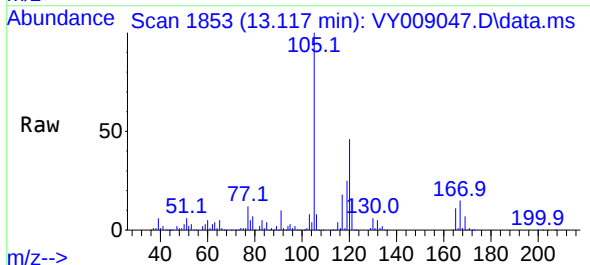
Tgt Ion:119 Resp: 374014
Ion Ratio Lower Upper
119 100
91 61.7 34.8 104.4
134 27.0 13.3 39.9

Manual Integrations
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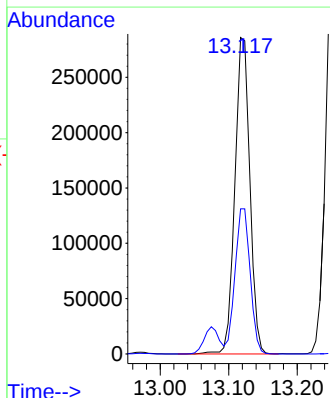
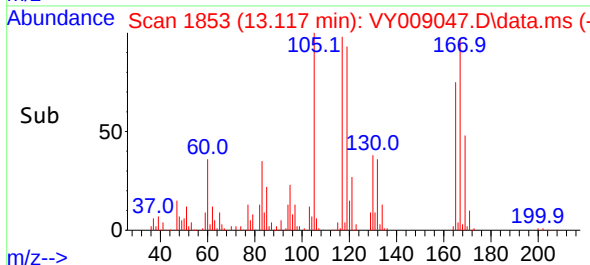
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

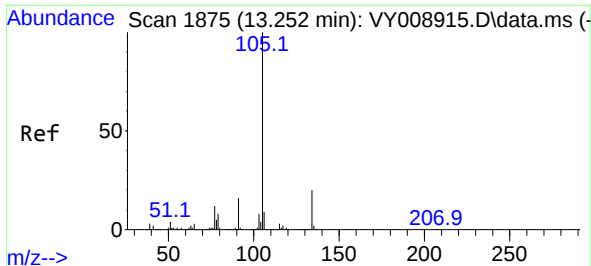


#84
1,2,4-Trimethylbenzene
Concen: 52.043 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY009047.D
Acq: 24 May 2022 07:48



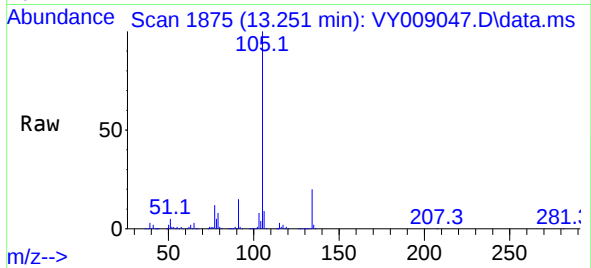
Tgt Ion:105 Resp: 435174
Ion Ratio Lower Upper
105 100
120 46.5 22.3 66.9





#85
 sec-Butylbenzene
 Concen: 50.939 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.001 min
 Lab File: VY009047.D
 Acq: 24 May 2022 07:48

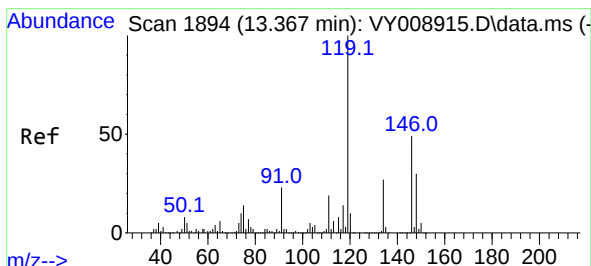
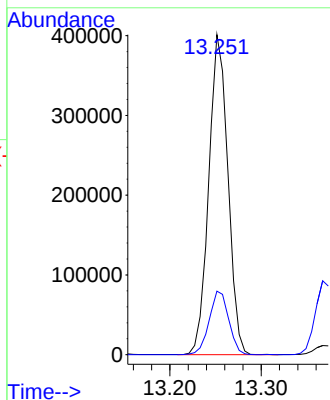
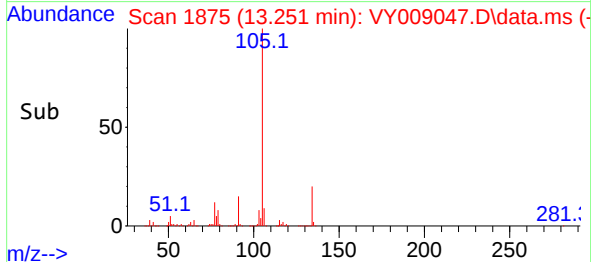
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



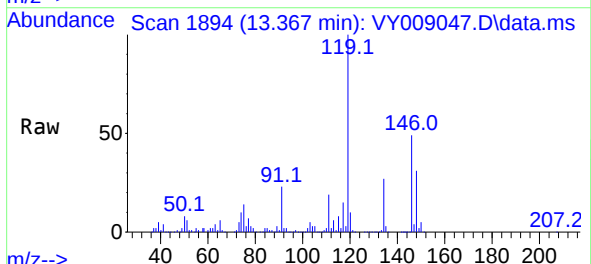
Tgt Ion:105 Resp: 582418
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.2 30.4

Manual Integrations
 APPROVED

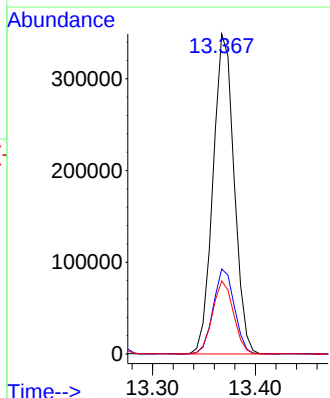
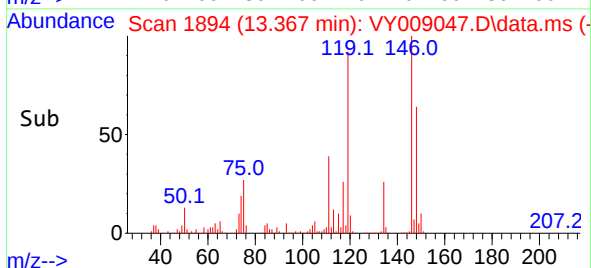
Reviewed By :John Carlone 05/24/2022
 Supervised By :Mahesh Dadoda 05/24/2022

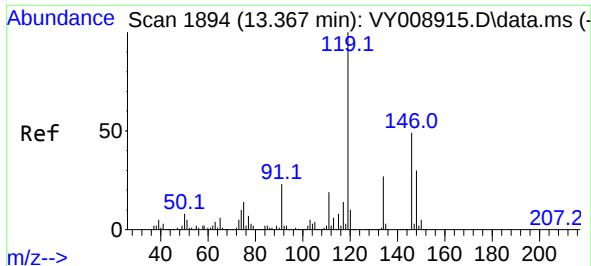


#86
 p-Isopropyltoluene
 Concen: 52.107 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY009047.D
 Acq: 24 May 2022 07:48



Tgt Ion:119 Resp: 496818
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.2 39.5
 91 22.7 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 50.678 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009047.D

Acq: 24 May 2022 07:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

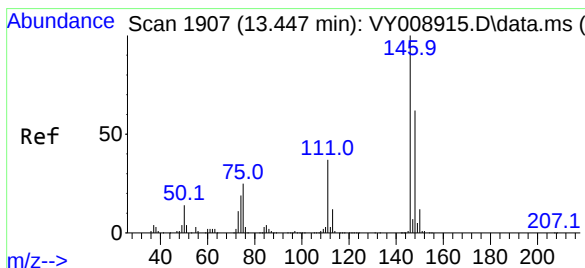
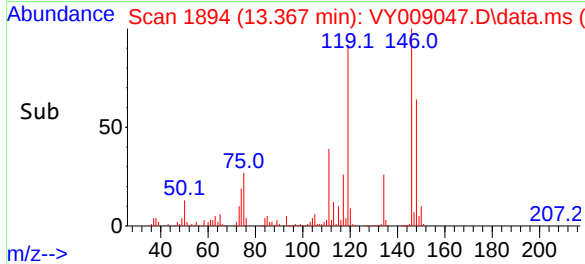
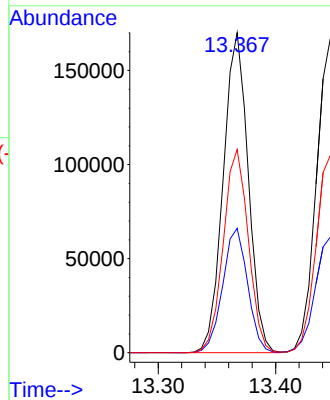
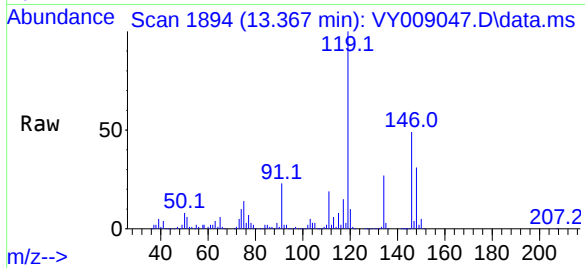
Tgt Ion:	146	Resp:	251834
Ion Ratio	Lower	Upper	
146	100		
111	38.9	19.5	58.5
148	63.6	31.6	95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/24/2022

Supervised By :Mahesh Dadoda 05/24/2022



#88

1,4-Dichlorobenzene

Concen: 50.090 ug/l

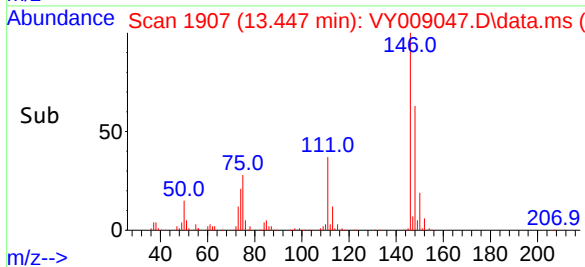
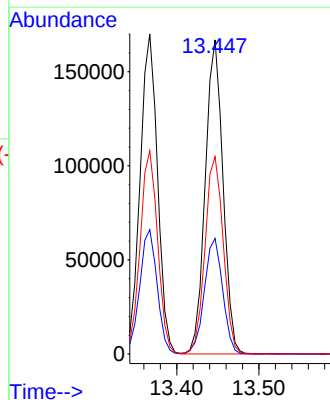
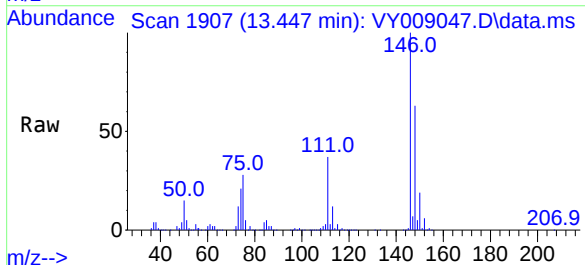
RT: 13.447 min Scan# 1907

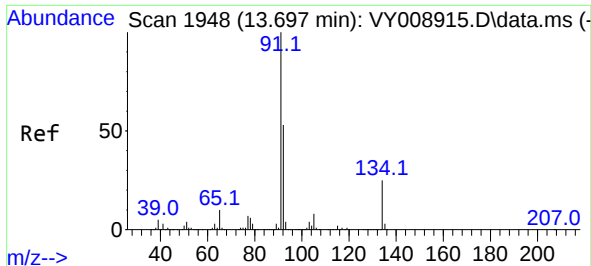
Delta R.T. -0.000 min

Lab File: VY009047.D

Acq: 24 May 2022 07:48

Tgt Ion:	146	Resp:	250073
Ion Ratio	Lower	Upper	
146	100		
111	37.9	19.3	57.8
148	64.7	32.6	97.8





#89

n-Butylbenzene

Concen: 50.327 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.001 min

Lab File: VY009047.D

Acq: 24 May 2022 07:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 43899

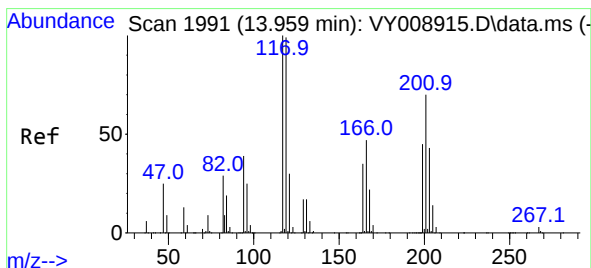
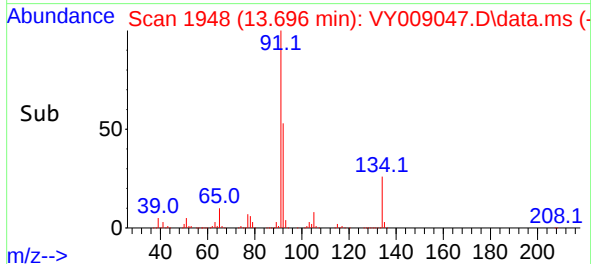
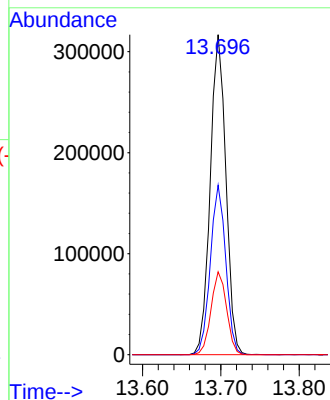
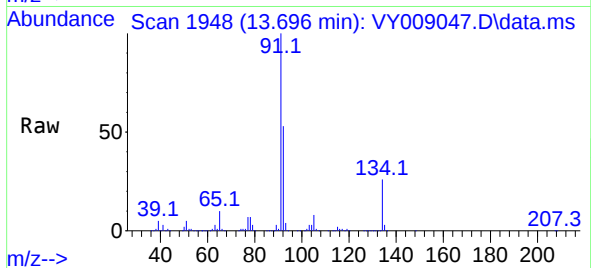
Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.3	78.9
134	25.7	13.0	38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/24/2022

Supervised By :Mahesh Dadoda 05/24/2022



#90

Hexachloroethane

Concen: 48.840 ug/l

RT: 13.959 min Scan# 1991

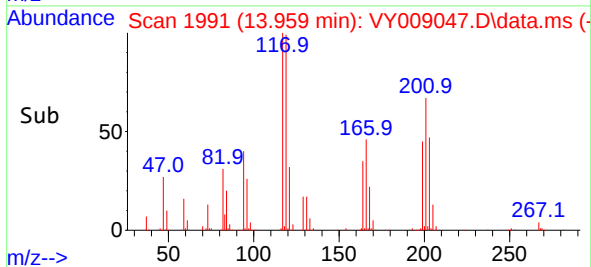
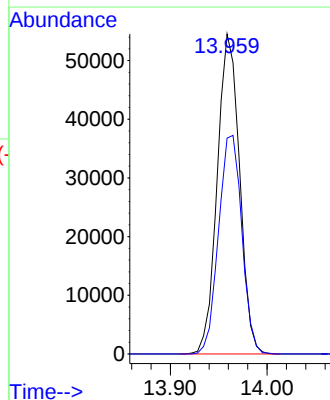
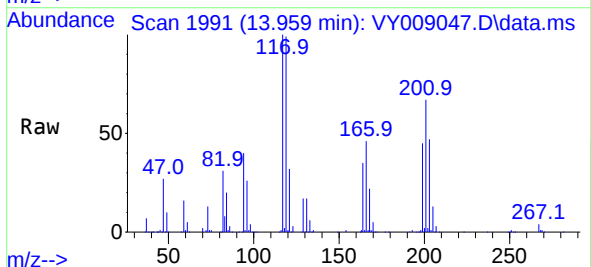
Delta R.T. -0.000 min

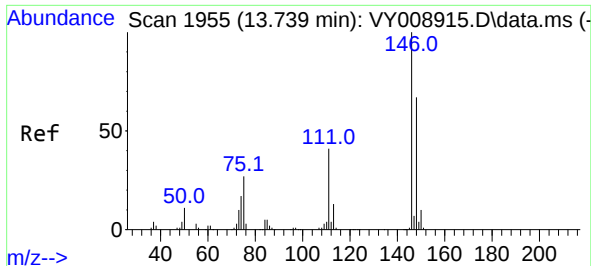
Lab File: VY009047.D

Acq: 24 May 2022 07:48

Tgt Ion:117 Resp: 87267

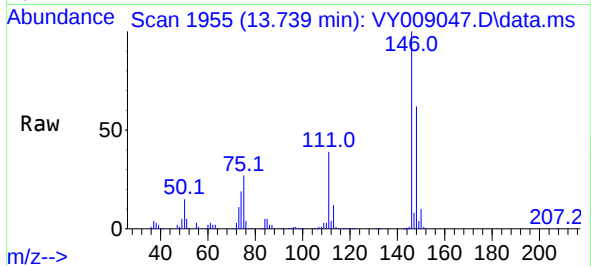
Ion	Ratio	Lower	Upper
117	100		
201	71.3	43.0	128.8





#91
1,2-Dichlorobenzene
Concen: 51.301 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY009047.D
Acq: 24 May 2022 07:48

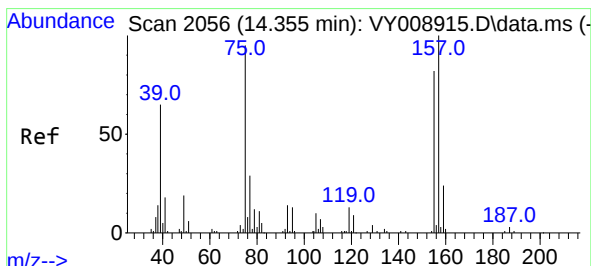
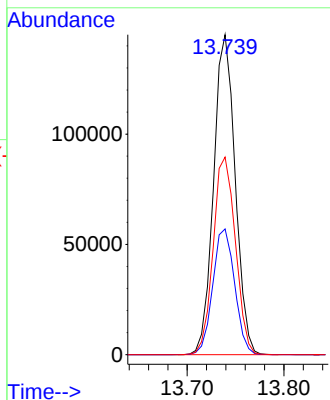
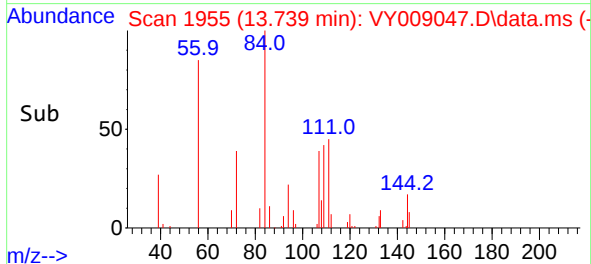
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



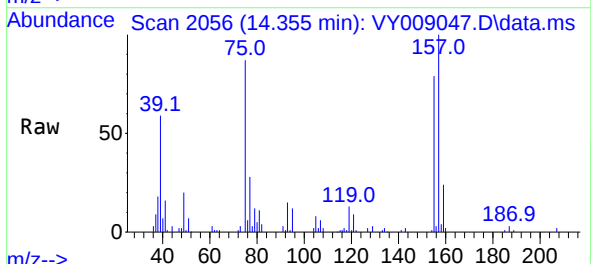
Tgt Ion:146 Resp: 225034
Ion Ratio Lower Upper
146 100
111 39.9 20.3 60.9
148 63.5 32.3 96.9

Manual Integrations
APPROVED

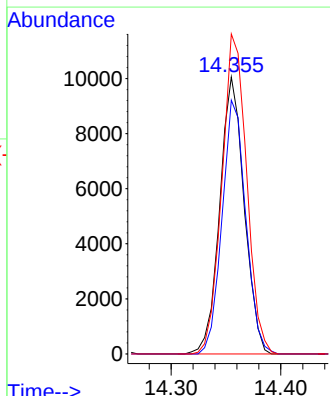
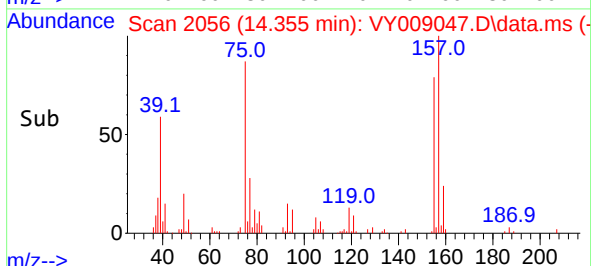
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

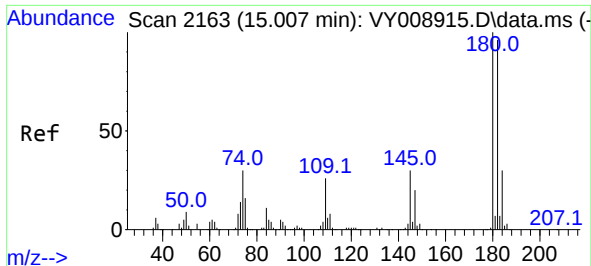


#92
1,2-Dibromo-3-Chloropropane
Concen: 48.401 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY009047.D
Acq: 24 May 2022 07:48



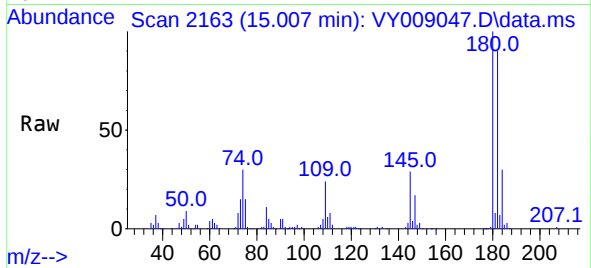
Tgt Ion: 75 Resp: 15556
Ion Ratio Lower Upper
75 100
155 88.8 38.0 113.9
157 117.1 47.8 143.3





#93
1,2,4-Trichlorobenzene
Concen: 45.763 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY009047.D
Acq: 24 May 2022 07:48

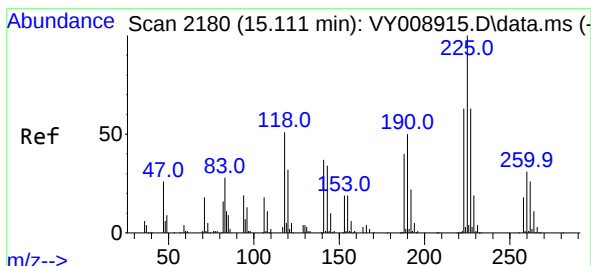
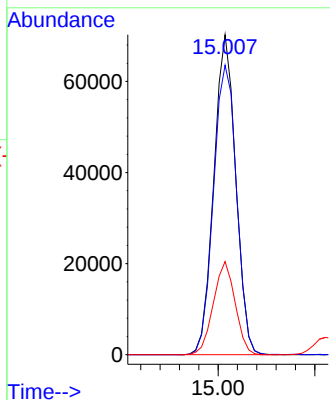
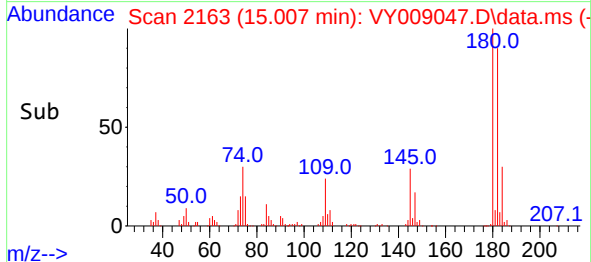
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



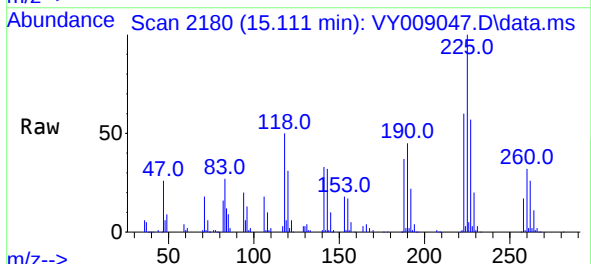
Tgt Ion:180 Resp: 11017
Ion Ratio Lower Upper
180 100
182 95.4 47.3 141.9
145 28.9 14.6 43.8

Manual Integrations
APPROVED

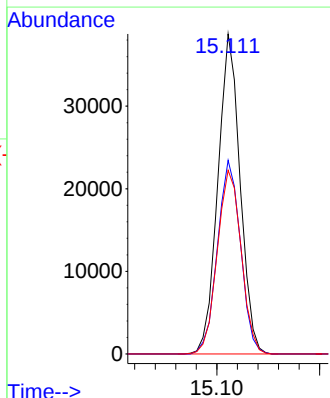
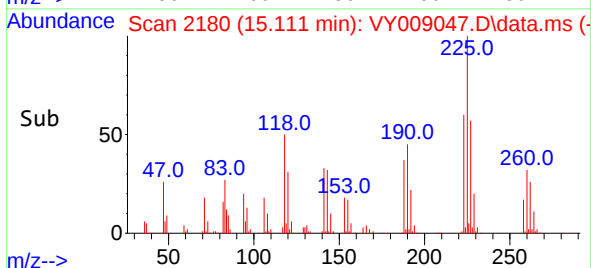
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

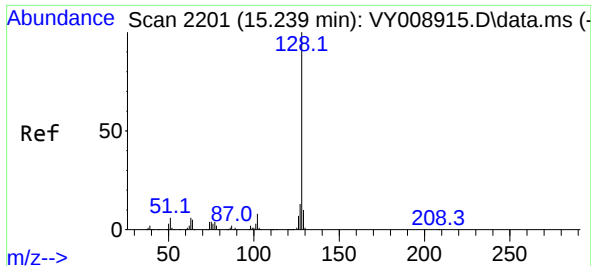


#94
Hexachlorobutadiene
Concen: 44.258 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY009047.D
Acq: 24 May 2022 07:48



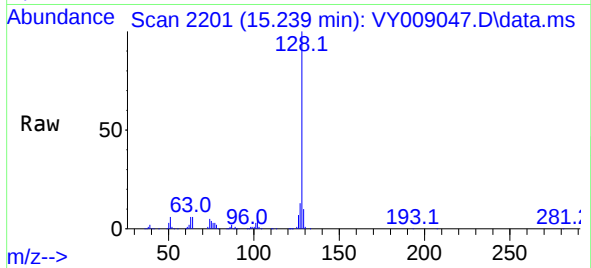
Tgt Ion:225 Resp: 58072
Ion Ratio Lower Upper
225 100
223 62.8 30.8 92.3
227 61.7 31.6 94.7





#95
Naphthalene
Concen: 49.744 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY009047.D
Acq: 24 May 2022 07:48

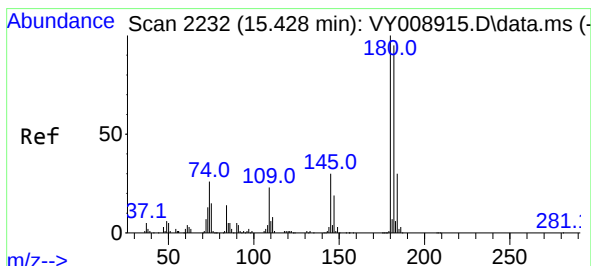
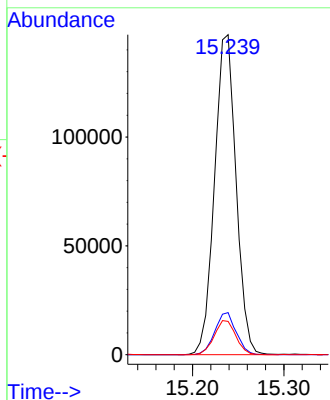
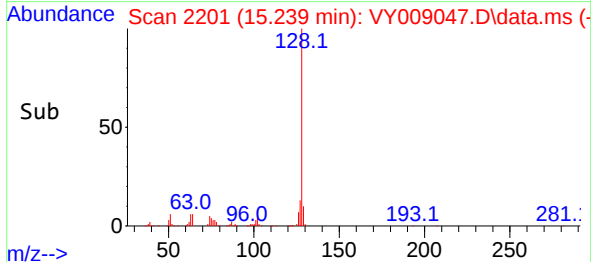
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



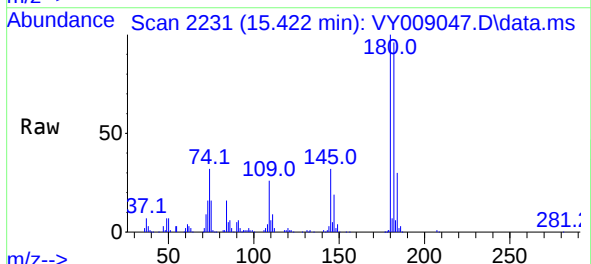
Tgt Ion:128 Resp: 240579
Ion Ratio Lower Upper
128 100
127 13.1 11.0 16.4
129 10.8 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#96
1,2,3-Trichlorobenzene
Concen: 46.683 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.006 min
Lab File: VY009047.D
Acq: 24 May 2022 07:48



Tgt Ion:180 Resp: 97662
Ion Ratio Lower Upper
180 100
182 95.8 47.3 141.9
145 30.2 15.3 45.9

