

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032522\
 Data File : VY008028.D
 Acq On : 25 Mar 2022 16:11
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/26/2022
 Supervised By : Mahesh Dadoda 03/28/2022

Quant Time: Mar 25 17:54:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 25 17:52:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	176682	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	302573	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	268766	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	123263	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	18468	7.686	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	15.380%#		
35) Dibromofluoromethane	7.716	113	18259	9.023	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	18.040%#		
50) Toluene-d8	10.179	98	71071	9.675	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	19.360%#		
62) 4-Bromofluorobenzene	12.483	95	25152	9.038	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	18.080%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	12896	6.329	ug/l	97
3) Chloromethane	2.113	50	17583	6.412	ug/l	91
4) Vinyl Chloride	2.247	62	23826	7.454	ug/l	96
5) Bromomethane	2.637	94	21347	8.280	ug/l	98
6) Chloroethane	2.790	64	16072	7.704	ug/l	94
7) Trichlorofluoromethane	3.119	101	30988	8.000	ug/l	99
8) Diethyl Ether	3.527	74	10217	6.727	ug/l	72
9) 1,1,2-Trichlorotrifluo...	3.893	101	18945	7.897	ug/l	93
10) Methyl Iodide	4.088	142	15687	6.291	ug/l	89
11) Tert butyl alcohol	4.948	59	8706	29.660	ug/l #	91
12) 1,1-Dichloroethene	3.869	96	17686	7.645	ug/l	87
13) Acrolein	3.729	56	7880	31.459	ug/l	94
14) Allyl chloride	4.472	41	23660	6.222	ug/l #	92
15) Acrylonitrile	5.161	53	24534	29.667	ug/l	97
16) Acetone	3.948	43	18808	26.749	ug/l #	86
17) Carbon Disulfide	4.192	76	46411	6.552	ug/l	97
18) Methyl Acetate	4.478	43	18259	8.453	ug/l #	81
19) Methyl tert-butyl Ether	5.222	73	51655	6.789	ug/l	93
20) Methylene Chloride	4.710	84	24339	7.265	ug/l #	81
21) trans-1,2-Dichloroethene	5.210	96	19915	7.271	ug/l	86
22) Diisopropyl ether	6.118	45	52430	6.382	ug/l #	89
23) Vinyl Acetate	6.057	43	139636	24.973	ug/l #	88
24) 1,1-Dichloroethane	6.015	63	33804	7.231	ug/l	94
25) 2-Butanone	6.984	43	30019	28.005	ug/l #	85
26) 2,2-Dichloropropane	6.978	77	31270	7.444	ug/l	93
27) cis-1,2-Dichloroethene	6.984	96	23719	7.452	ug/l	82
28) Bromochloromethane	7.332	49	13464	8.103	ug/l #	76
29) Tetrahydrofuran	7.344	42	19933	28.070	ug/l #	76
30) Chloroform	7.508	83	36617	7.375	ug/l	98
31) Cyclohexane	7.783	56	32974	7.501	ug/l #	70
32) 1,1,1-Trichloroethane	7.697	97	32798	7.695	ug/l	96
36) 1,1-Dichloropropene	7.917	75	27660	8.073	ug/l	97
37) Ethyl Acetate	7.076	43	13112	5.875	ug/l #	91
38) Carbon Tetrachloride	7.899	117	28451	8.188	ug/l	98
39) Methylcyclohexane	9.179	83	36915	8.288	ug/l	87
40) Benzene	8.161	78	79785	7.938	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	5869m	2.356	ug/l	
42) 1,2-Dichloroethane	8.234	62	22413	7.230	ug/l	89
43) Isopropyl Acetate	8.270	43	25851	6.191	ug/l #	87
44) Trichloroethene	8.941	130	21904	8.138	ug/l	89
45) 1,2-Dichloropropane	9.215	63	18601	7.248	ug/l	91
46) Dibromomethane	9.301	93	12283	7.435	ug/l	93
47) Bromodichloromethane	9.496	83	27983	7.671	ug/l	99
48) Methyl methacrylate	9.295	41	11572	6.386	ug/l #	81
49) 1,4-Dioxane	9.295	88	3033	127.849	ug/l #	82
51) 4-Methyl-2-Pentanone	10.069	43	66584	31.213	ug/l #	86
52) Toluene	10.240	92	51142	7.995	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	28082	7.163	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	32228	7.368	ug/l #	83
55) 1,1,2-Trichloroethane	10.642	97	16646	7.386	ug/l	96
56) Ethyl methacrylate	10.508	69	21268	6.600	ug/l #	77
57) 1,3-Dichloropropane	10.788	76	27620	7.190	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.782	63	53729	39.323	ug/l	92
59) 2-Hexanone	10.831	43	45212	30.000	ug/l	83
60) Dibromochloromethane	10.983	129	19419	7.486	ug/l	100
61) 1,2-Dibromoethane	11.087	107	16522	7.311	ug/l	100
64) Tetrachloroethene	10.715	164	19359	9.395	ug/l	95
65) Chlorobenzene	11.514	112	55947	8.457	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	19953	8.304	ug/l	97
67) Ethyl Benzene	11.593	91	99236	8.573	ug/l	99
68) m/p-Xylenes	11.703	106	77305	17.114	ug/l	95
69) o-Xylene	12.026	106	37648	8.651	ug/l	91
70) Styrene	12.044	104	60669	8.358	ug/l	95
71) Bromoform	12.209	173	11402	7.460	ug/l #	97
73) Isopropylbenzene	12.331	105	98133	9.218	ug/l	100
74) N-amyl acetate	12.142	43	22804	7.098	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.581	83	19356	7.817	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	14548m	4.883	ug/l	
77) Bromobenzene	12.605	156	21895	8.685	ug/l	98
78) n-propylbenzene	12.672	91	118554	9.220	ug/l	99
79) 2-Chlorotoluene	12.757	91	65608	8.933	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	79867	9.075	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	6391	7.472	ug/l #	83
82) 4-Chlorotoluene	12.855	91	66709	8.802	ug/l	100
83) tert-Butylbenzene	13.074	119	71928	9.449	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	78758	9.055	ug/l	99
85) sec-Butylbenzene	13.251	105	107710	9.385	ug/l	99
86) p-Isopropyltoluene	13.367	119	86859	9.246	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	43113	8.756	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	43145	8.746	ug/l	97
89) n-Butylbenzene	13.696	91	83379	9.278	ug/l	100
90) Hexachloroethane	13.958	117	16825	9.215	ug/l	79
91) 1,2-Dichlorobenzene	13.739	146	37757	8.473	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3038	7.527	ug/l	87
93) 1,2,4-Trichlorobenzene	15.007	180	21659	8.185	ug/l	98
94) Hexachlorobutadiene	15.111	225	11502	9.037	ug/l	98
95) Naphthalene	15.239	128	48379	7.507	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	19044	8.211	ug/l	97

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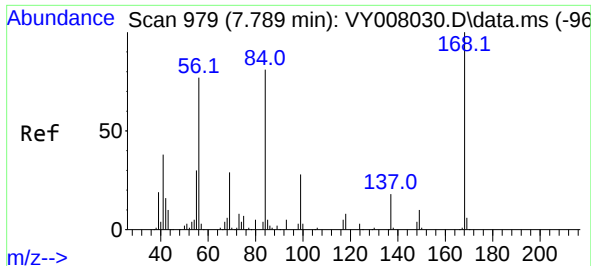
Manual Integrations
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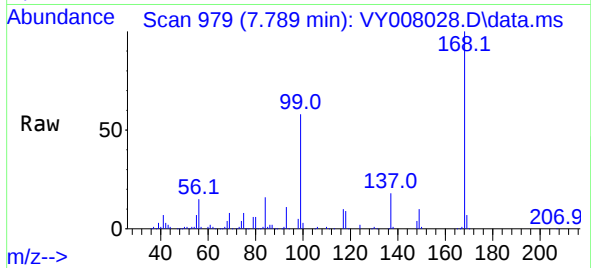
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008028.D
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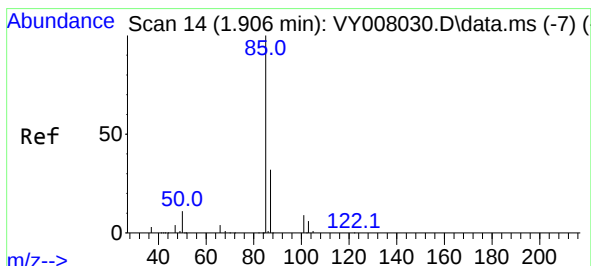
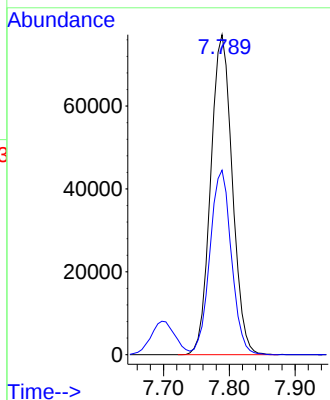
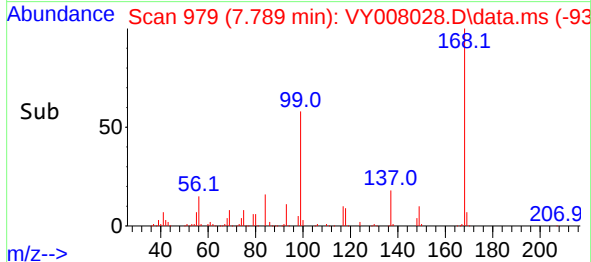
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion:168 Resp: 17668
Ion Ratio Lower Upper
168 100
99 57.6 46.9 70.3

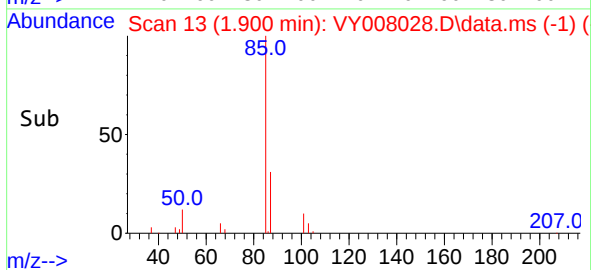
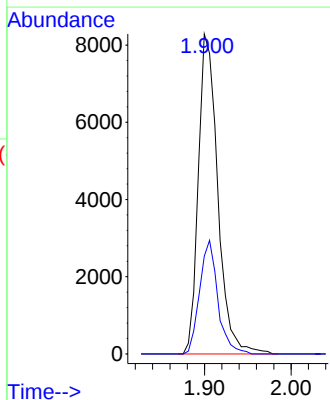
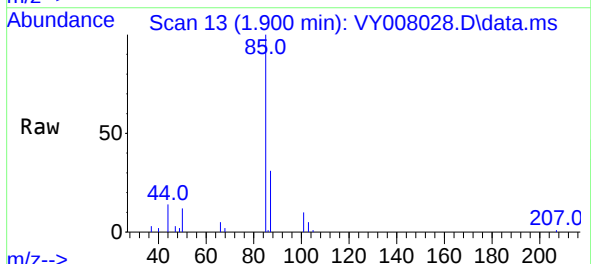
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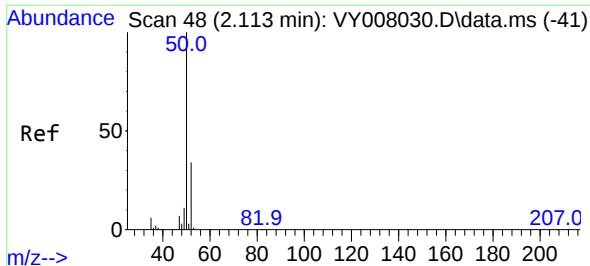
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#2
Dichlorodifluoromethane
Concen: 6.329 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY008028.D
Acq: 25 Mar 2022 16:11

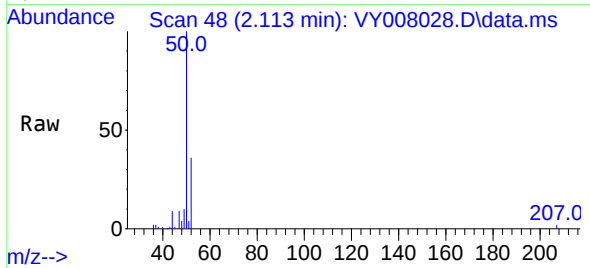
Tgt Ion: 85 Resp: 12896
Ion Ratio Lower Upper
85 100
87 30.6 16.1 48.2





#3
Chloromethane
Concen: 6.412 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY008028.D
Acq: 25 Mar 2022 16:11

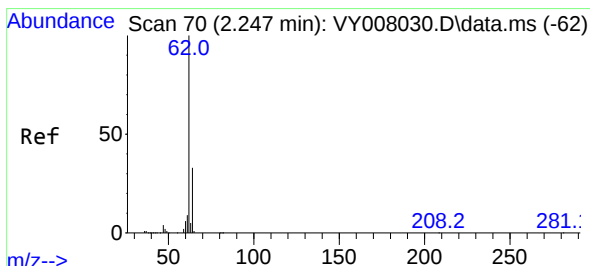
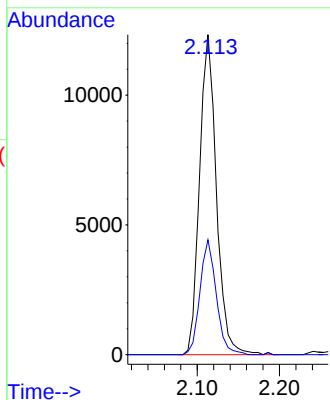
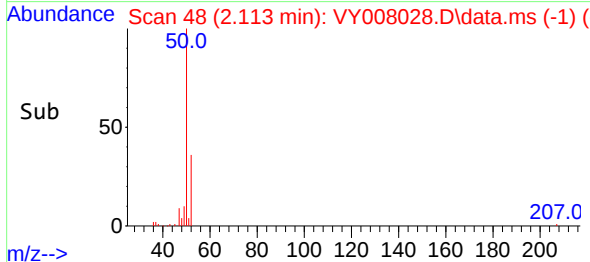
Instrument :
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ClientSampleId :
VSTDICC010



Tgt Ion: 50 Resp: 1758
Ion Ratio Lower Upper
50 100
52 35.9 24.6 37.0

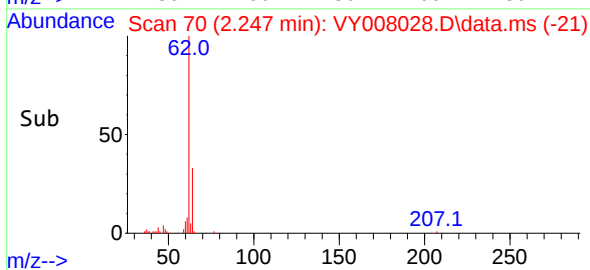
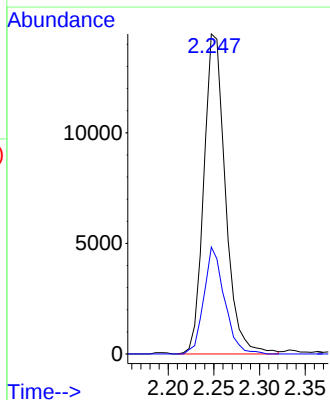
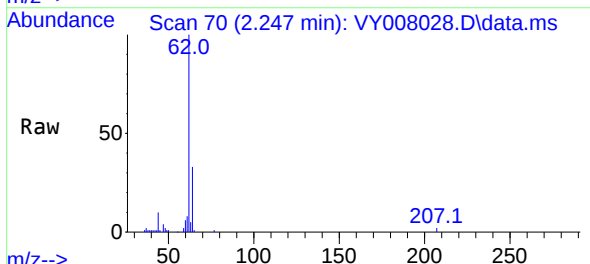
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#4
Vinyl Chloride
Concen: 7.454 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.000 min
Lab File: VY008028.D
Acq: 25 Mar 2022 16:11

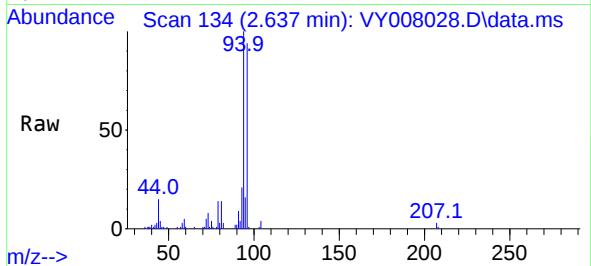
Tgt Ion: 62 Resp: 23826
Ion Ratio Lower Upper
62 100
64 33.4 25.0 37.6





#5
Bromomethane
Concen: 8.280 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY008028.D
Acq: 25 Mar 2022 16:11

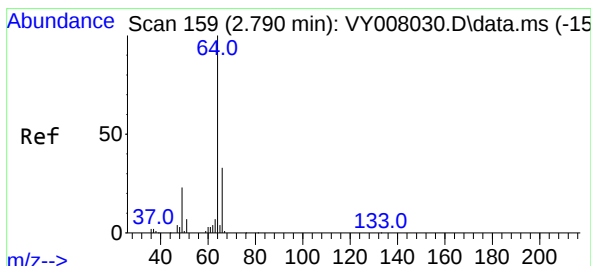
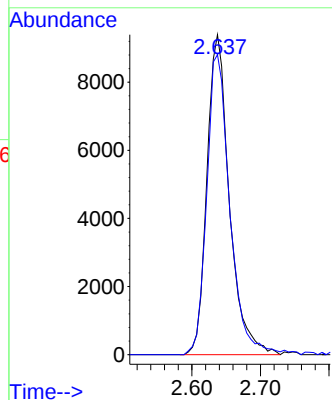
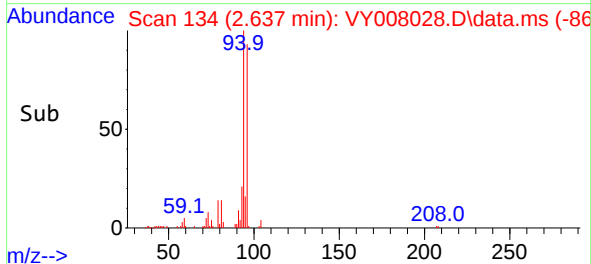
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 94 Resp: 2134
Ion Ratio Lower Upper
94 100
96 93.7 73.5 110.3

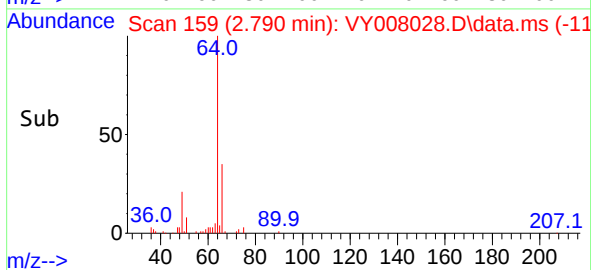
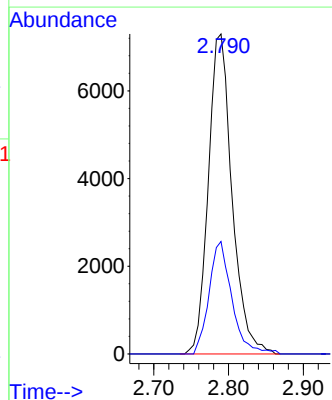
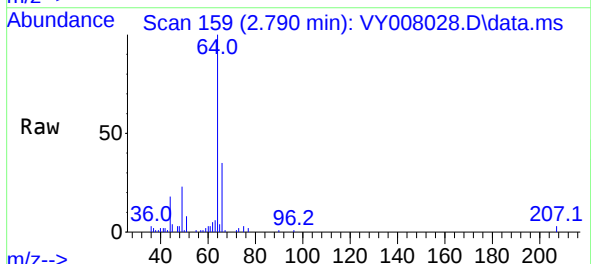
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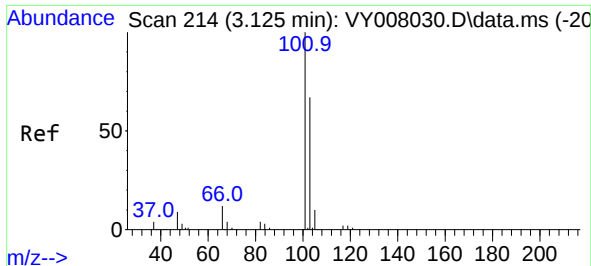
Reviewed By :John Carlone 03/26/2022
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#6
Chloroethane
Concen: 7.704 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY008028.D
Acq: 25 Mar 2022 16:11

Tgt Ion: 64 Resp: 16072
Ion Ratio Lower Upper
64 100
66 35.1 25.4 38.0





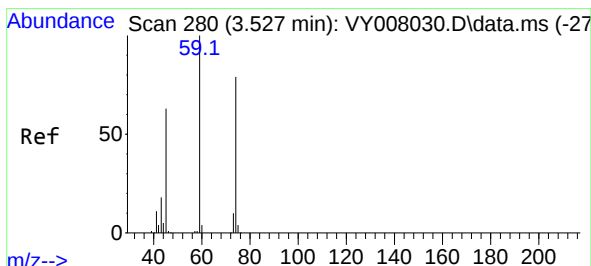
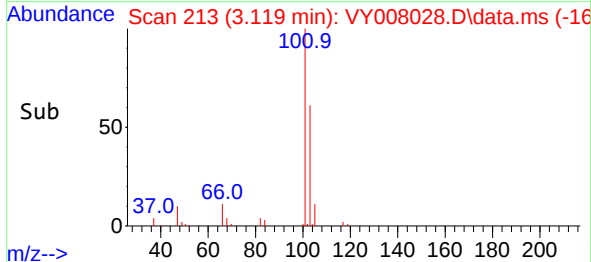
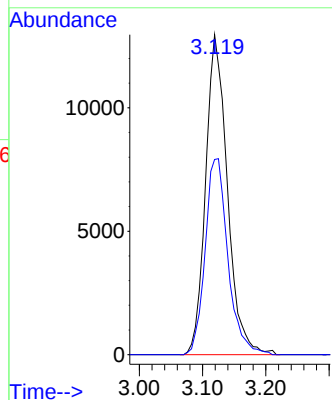
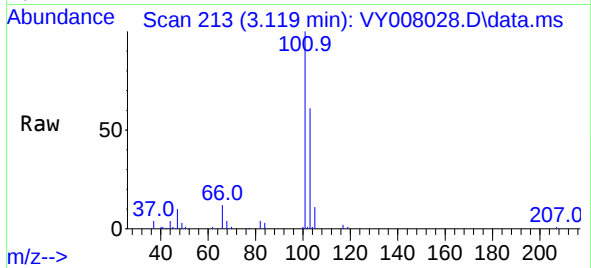
#7
Trichlorofluoromethane
Concen: 8.000 ug/l
RT: 3.119 min Scan# 214
Delta R.T. -0.006 min
Lab File: VY008028.D
Acq: 25 Mar 2022 16:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:101 Resp: 3098
Ion Ratio Lower Upper
101 100
103 61.0 48.0 72.0

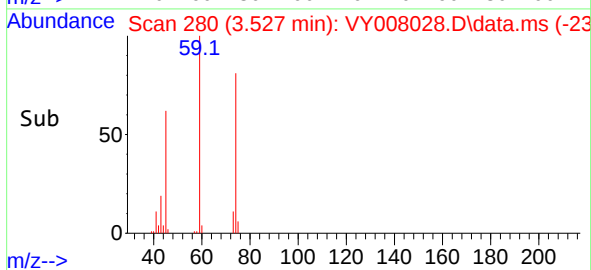
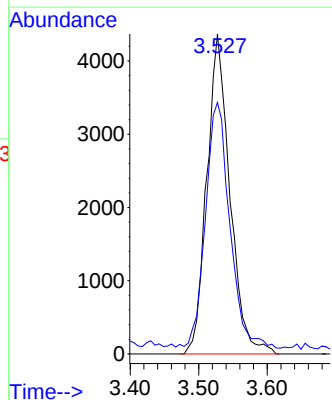
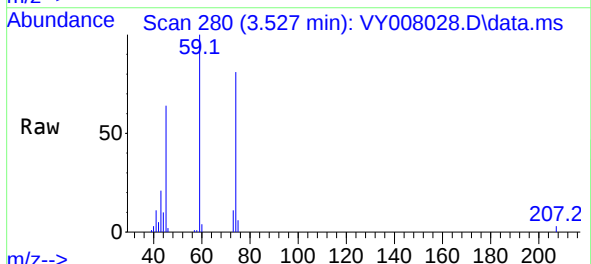
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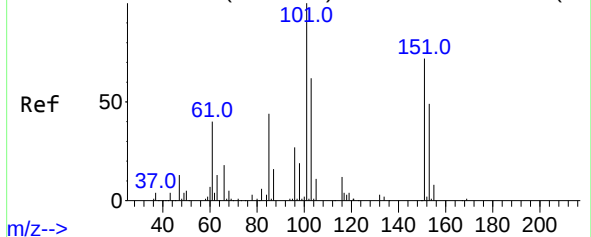


#8
Diethyl Ether
Concen: 6.727 ug/l
RT: 3.527 min Scan# 280
Delta R.T. -0.000 min
Lab File: VY008028.D
Acq: 25 Mar 2022 16:11

Tgt Ion: 74 Resp: 10217
Ion Ratio Lower Upper
74 100
45 80.7 55.1 165.5

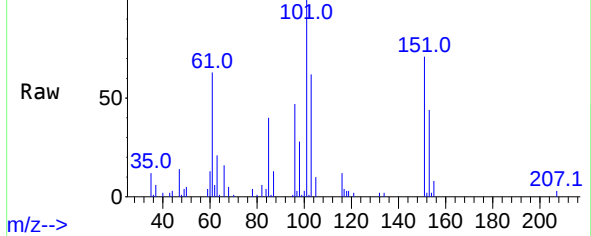


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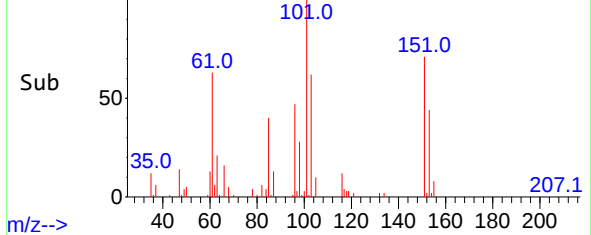
m/z-->

Abundance Scan 340 (3.893 min): VY008028.D\data.ms



m/z-->

Abundance Scan 340 (3.893 min): VY008028.D\data.ms (-29



m/z-->

#9

1,1,2-Trichlorotrifluoroethane

Concen: 7.897 ug/l

RT: 3.893 min Scan# 341

Delta R.T. -0.006 min

Lab File: VY008028.D

Acq: 25 Mar 2022 16:11

Tgt Ion:101 Resp: 1894

Ion Ratio Lower Upper

101 100

85 45.0 40.6 60.8

151 75.9 64.9 97.3

Instrument :

MSVOA_Y

ClientSampleId :

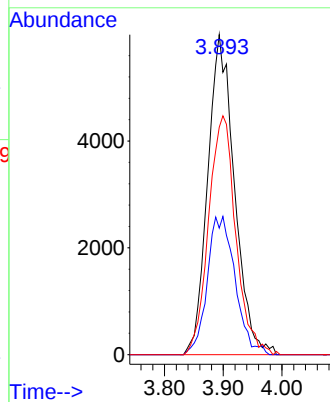
VSTDICC010

Manual Integrations

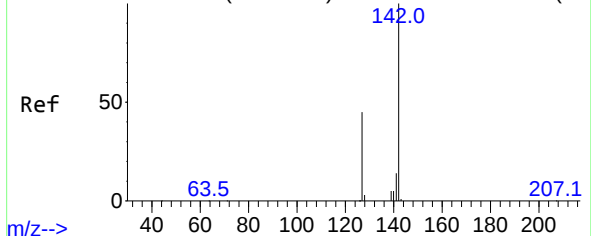
APPROVED

Reviewed By :John Carlone 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022

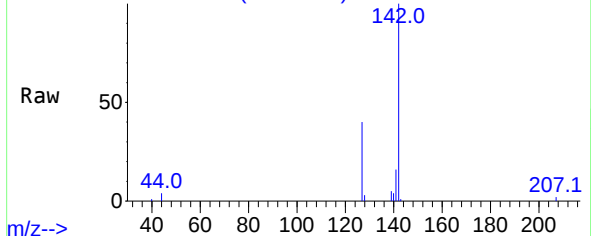


Abundance Scan 372 (4.088 min): VY008030.D\data.ms (-36



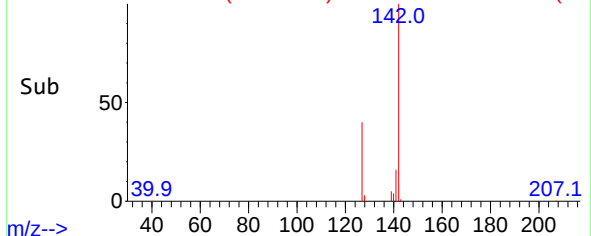
m/z-->

Abundance Scan 372 (4.088 min): VY008028.D\data.ms



m/z-->

Abundance Scan 372 (4.088 min): VY008028.D\data.ms (-32



m/z-->

#10

Methyl Iodide

Concen: 6.291 ug/l

RT: 4.088 min Scan# 372

Delta R.T. -0.000 min

Lab File: VY008028.D

Acq: 25 Mar 2022 16:11

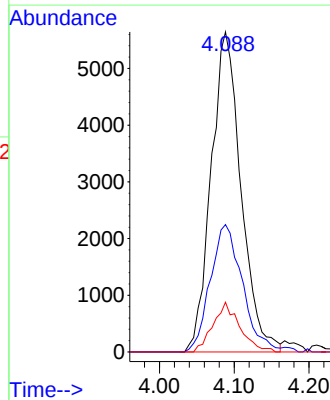
Tgt Ion:142 Resp: 15687

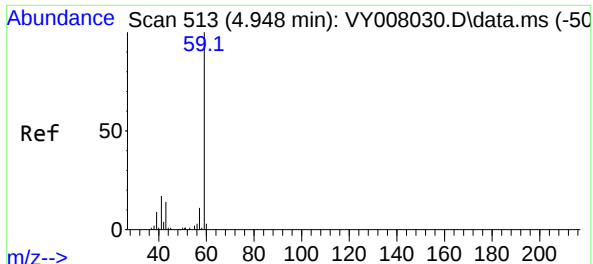
Ion Ratio Lower Upper

142 100

127 42.7 41.5 62.3

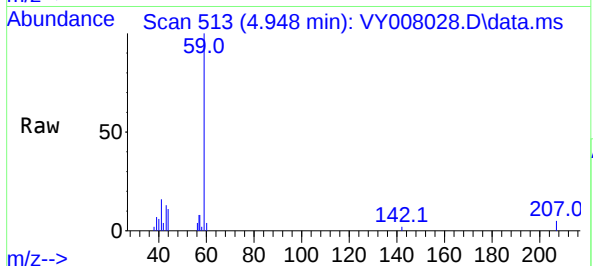
141 13.9 11.9 17.9





#11
Tert butyl alcohol
Concen: 29.660 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY008028.D
Acq: 25 Mar 2022 16:11

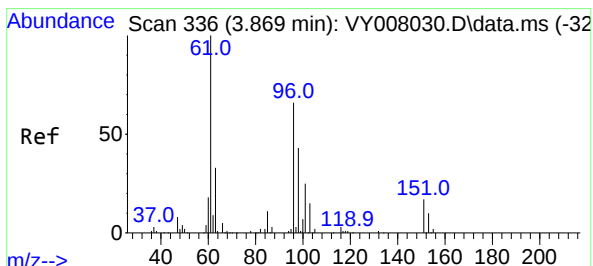
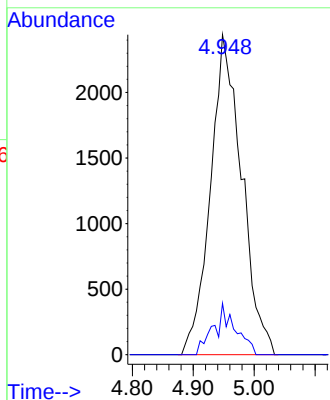
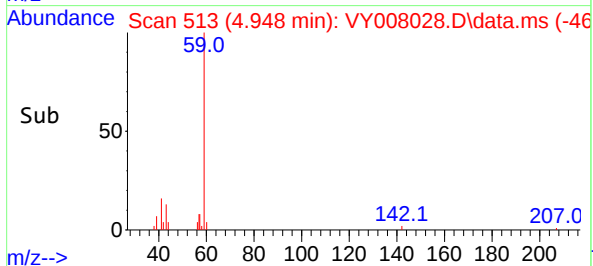
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



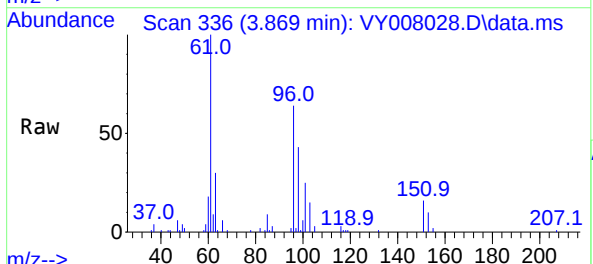
Tgt Ion: 59 Resp: 8700
Ion Ratio Lower Upper
59 100
57 11.2 6.4 9.6

Manual Integrations
APPROVED

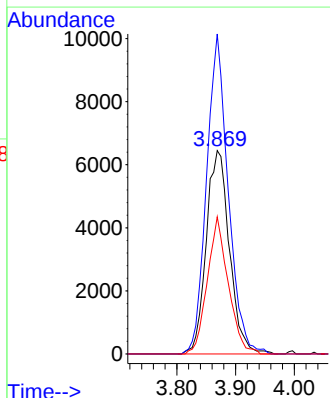
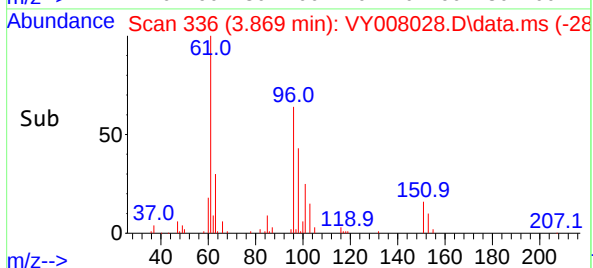
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

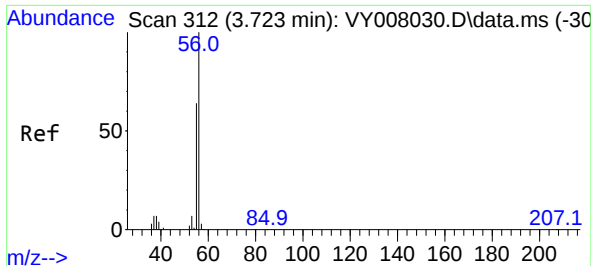


#12
1,1-Dichloroethene
Concen: 7.645 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.000 min
Lab File: VY008028.D
Acq: 25 Mar 2022 16:11



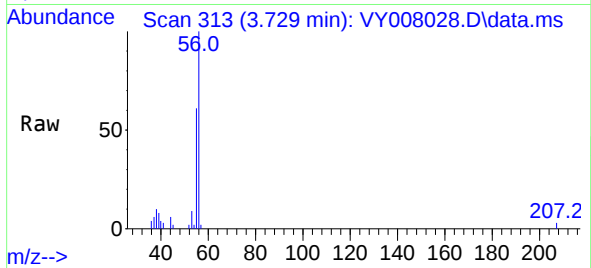
Tgt Ion: 96 Resp: 17686
Ion Ratio Lower Upper
96 100
61 157.4 145.8 218.6
98 67.5 52.5 78.7





#13
Acrolein
Concen: 31.459 ug/l
RT: 3.729 min Scan# 313
Delta R.T. 0.006 min
Lab File: VY008028.D
Acq: 25 Mar 2022 16:11

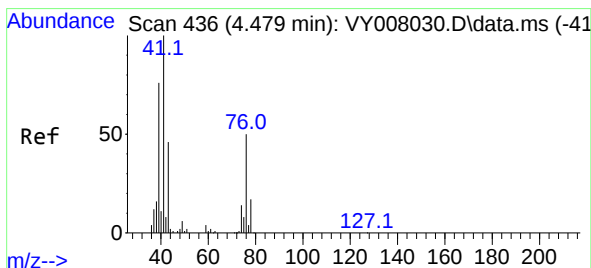
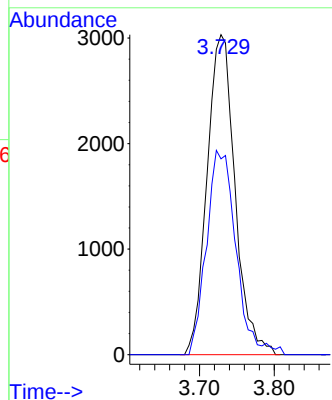
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



Tgt Ion: 56 Resp: 7880
Ion Ratio Lower Upper
56 100
55 67.3 57.6 86.4

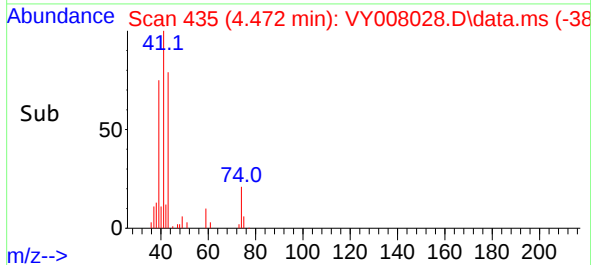
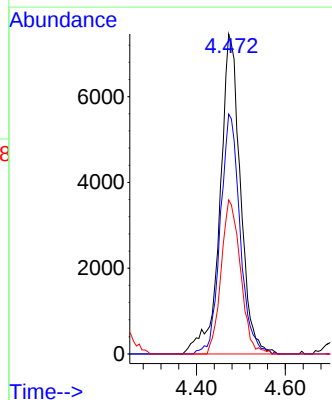
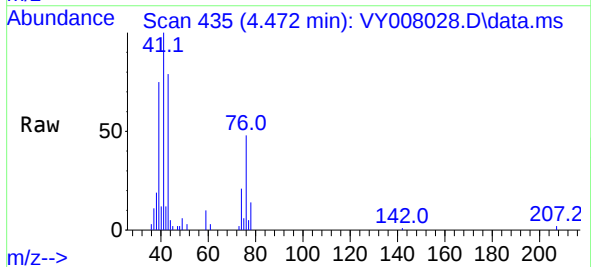
Manual Integrations
APPROVED

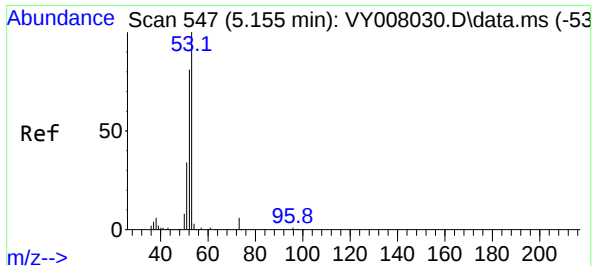
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#14
Allyl chloride
Concen: 6.222 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY008028.D
Acq: 25 Mar 2022 16:11

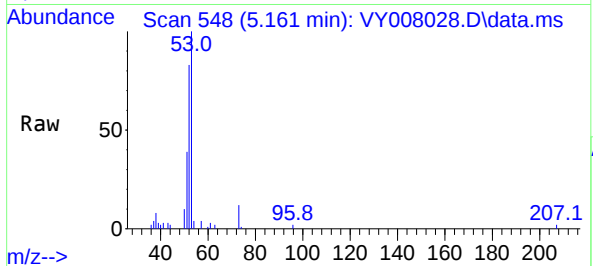
Tgt Ion: 41 Resp: 23660
Ion Ratio Lower Upper
41 100
39 72.6 58.8 88.2
76 45.7 25.1 37.7





#15
Acrylonitrile
Concen: 29.667 ug/l
RT: 5.161 min Scan# 547
Delta R.T. 0.006 min
Lab File: VY008028.D
Acq: 25 Mar 2022 16:11

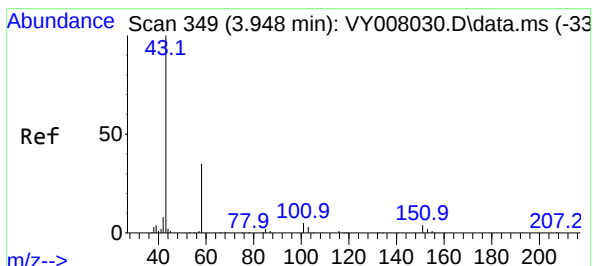
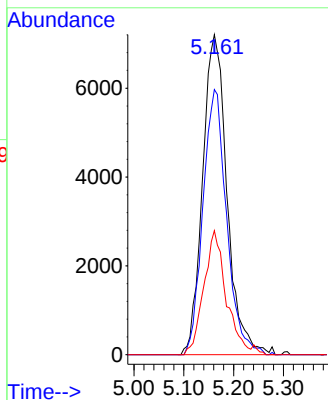
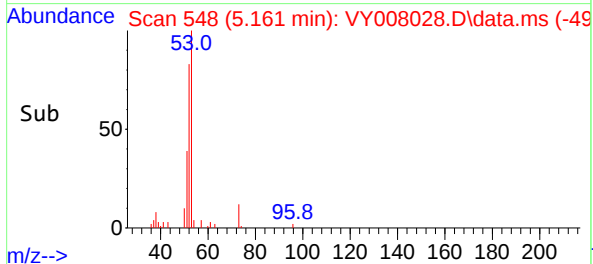
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



Tgt Ion: 53 Resp: 24534
Ion Ratio Lower Upper
53 100
52 80.4 67.0 100.4
51 35.4 29.8 44.6

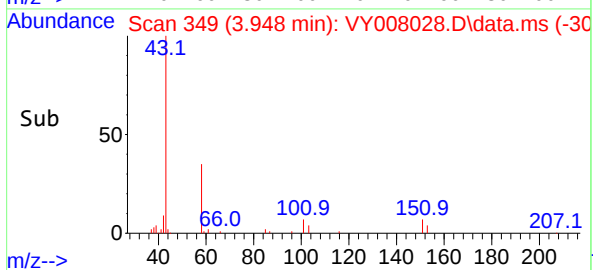
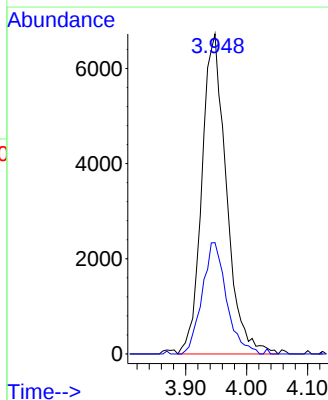
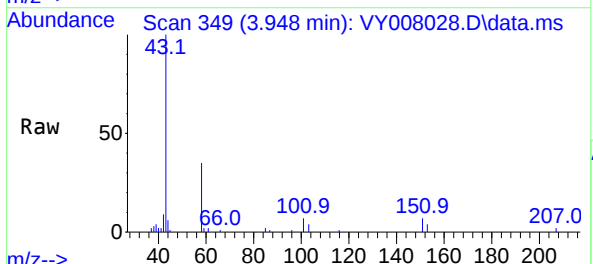
Manual Integrations
APPROVED

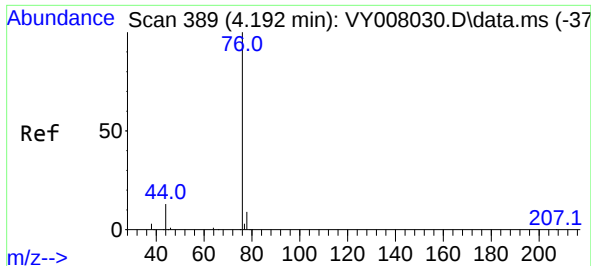
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#16
Acetone
Concen: 26.749 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY008028.D
Acq: 25 Mar 2022 16:11

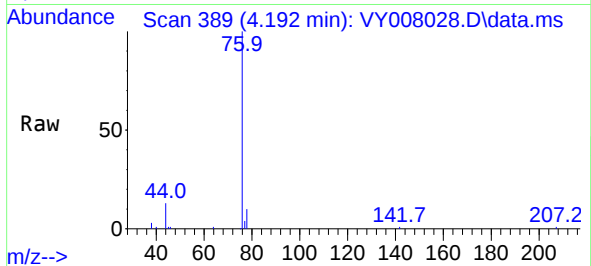
Tgt Ion: 43 Resp: 18808
Ion Ratio Lower Upper
43 100
58 34.8 22.0 33.0#





#17
Carbon Disulfide
Concen: 6.552 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY008028.D
Acq: 25 Mar 2022 16:11

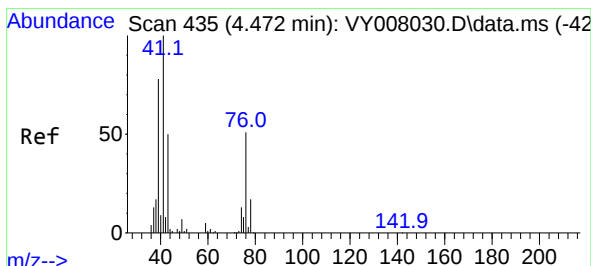
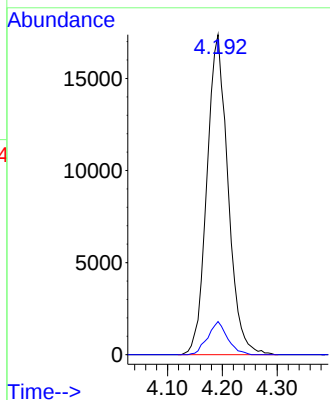
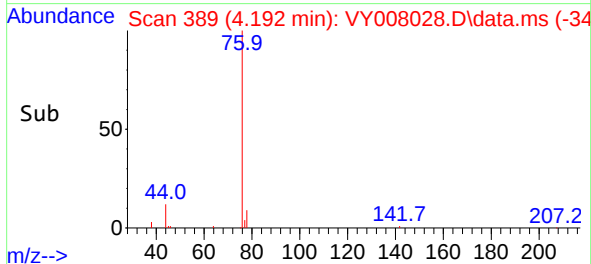
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



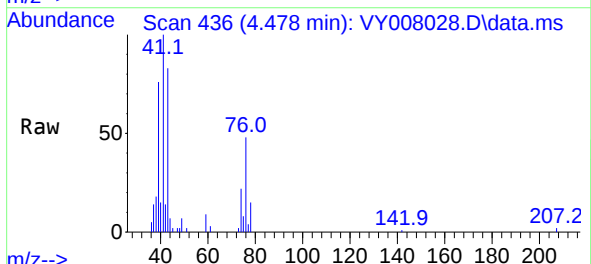
Tgt Ion: 76 Resp: 4641
Ion Ratio Lower Upper
76 100
78 10.3 7.4 11.0

Manual Integrations
APPROVED

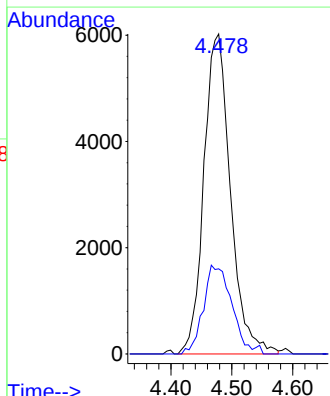
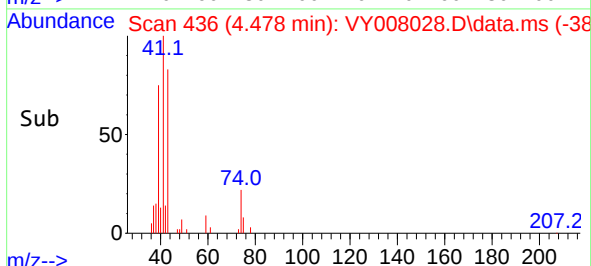
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

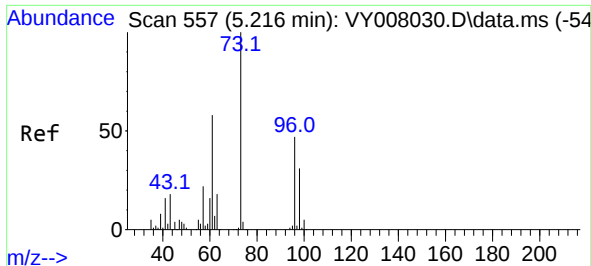


#18
Methyl Acetate
Concen: 8.453 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY008028.D
Acq: 25 Mar 2022 16:11



Tgt Ion: 43 Resp: 18259
Ion Ratio Lower Upper
43 100
74 29.7 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 6.789 ug/l

RT: 5.222 min Scan# 5165

Delta R.T. 0.006 min

Lab File: VY008028.D

Acq: 25 Mar 2022 16:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 73 Resp: 5165

Ion Ratio Lower Upper

73 100

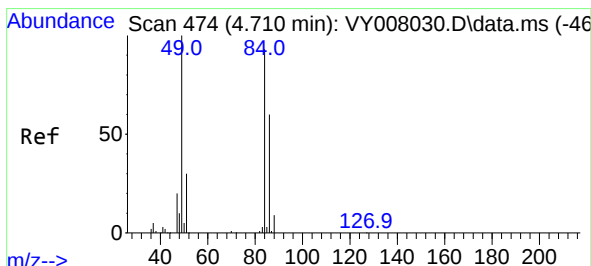
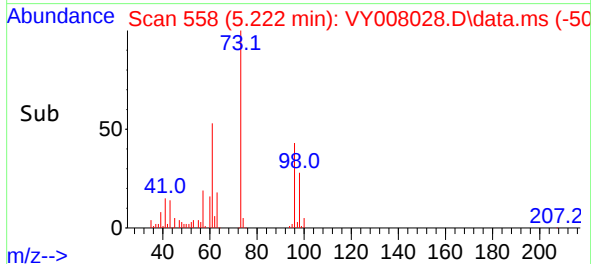
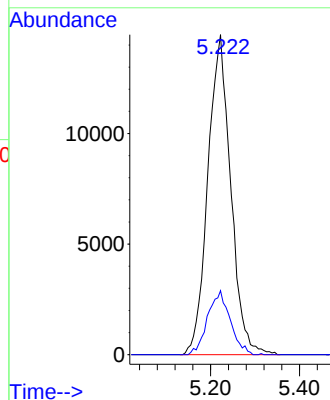
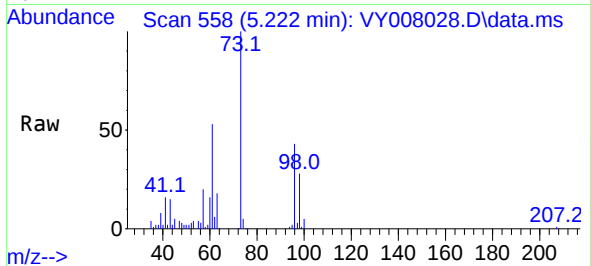
57 20.0 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



#20

Methylene Chloride

Concen: 7.265 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.000 min

Lab File: VY008028.D

Acq: 25 Mar 2022 16:11

Tgt Ion: 84 Resp: 24339

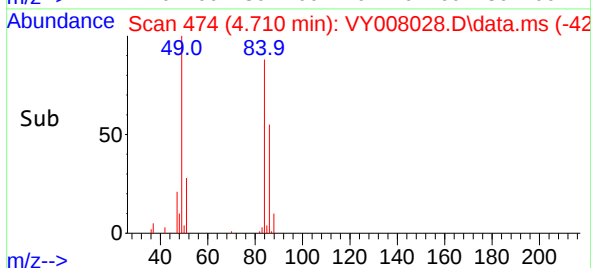
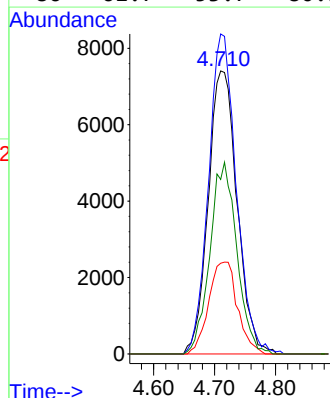
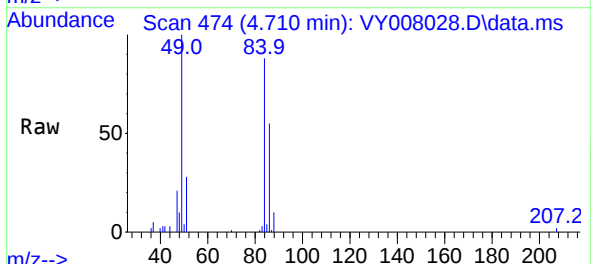
Ion Ratio Lower Upper

84 100

49 113.0 114.4 171.6#

51 32.1 35.3 52.9#

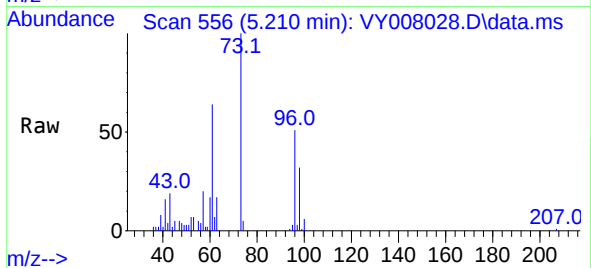
86 61.7 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 7.271 ug/l
RT: 5.210 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY008028.D
Acq: 25 Mar 2022 16:11

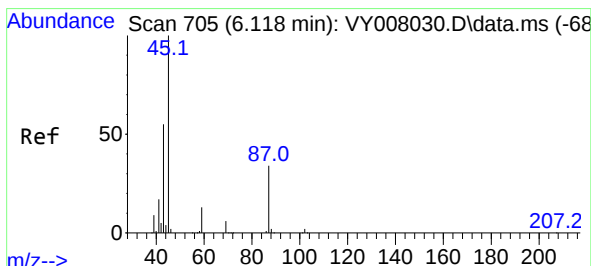
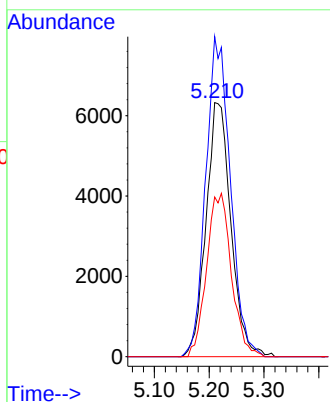
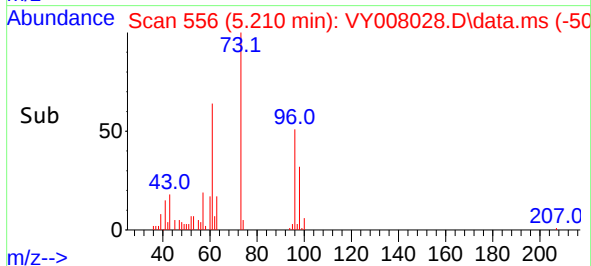
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 96 Resp: 1991
Ion Ratio Lower Upper
96 100
61 125.9 120.5 180.7
98 62.9 49.8 74.8

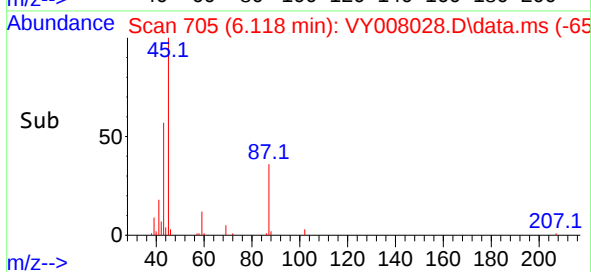
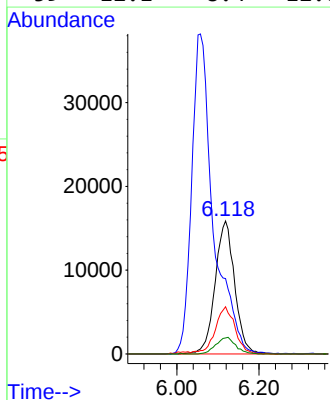
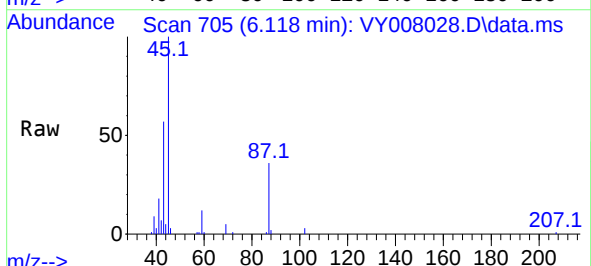
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#22
Diisopropyl ether
Concen: 6.382 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY008028.D
Acq: 25 Mar 2022 16:11

Tgt Ion: 45 Resp: 52430
Ion Ratio Lower Upper
45 100
43 56.1 49.3 73.9
87 35.6 19.2 28.8#
59 12.1 8.4 12.6





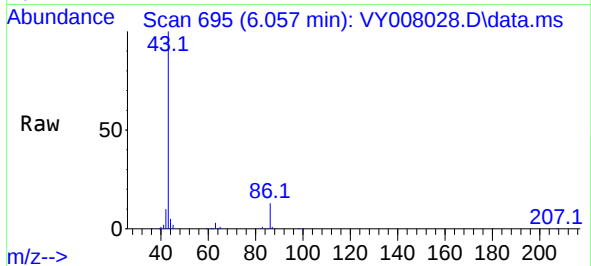
#23
 Vinyl Acetate
 Concen: 24.973 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY008028.D
 Acq: 25 Mar 2022 16:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

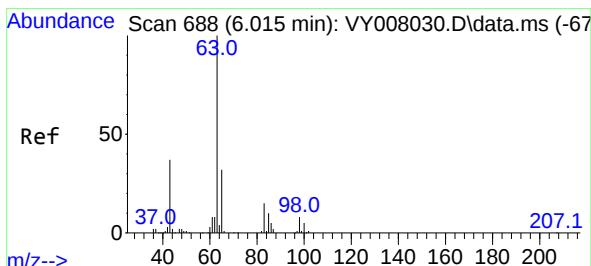
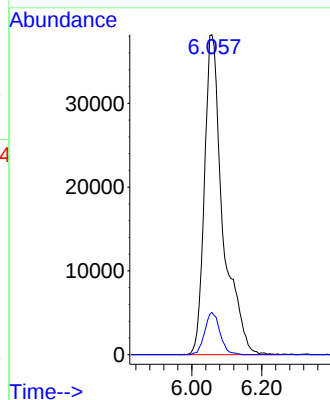
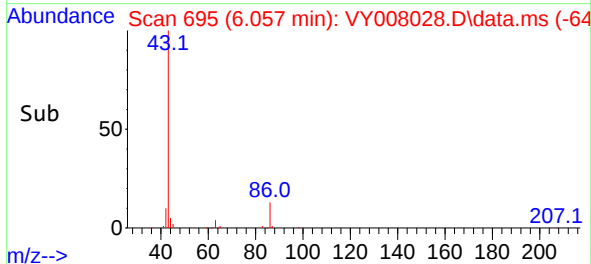


Tgt Ion: 43 Resp: 139630
 Ion Ratio Lower Upper
 43 100
 86 13.2 7.1 10.7

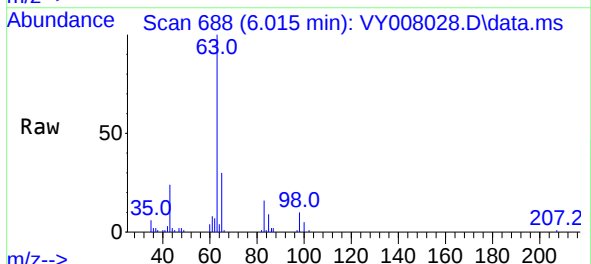
Manual Integrations

APPROVED

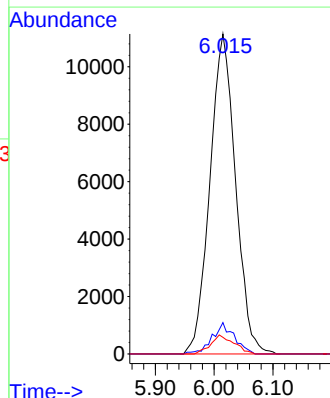
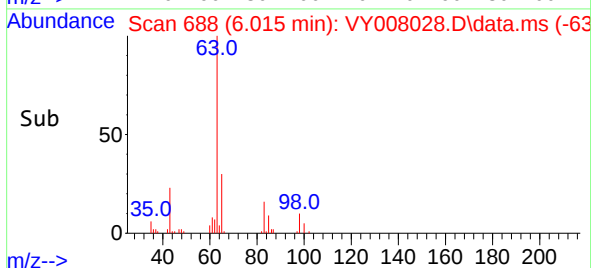
Reviewed By :John Carlone 03/26/2022
 Supervised By :Mahesh Dadoda 03/28/2022

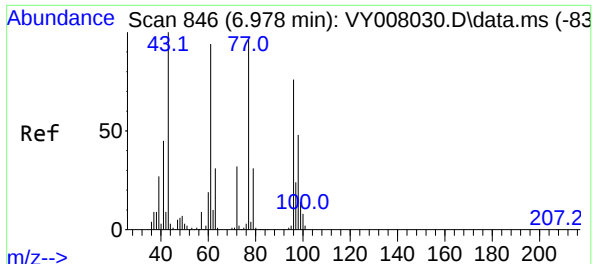


#24
 1,1-Dichloroethane
 Concen: 7.231 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY008028.D
 Acq: 25 Mar 2022 16:11



Tgt Ion: 63 Resp: 33804
 Ion Ratio Lower Upper
 63 100
 98 9.8 3.6 10.8
 100 5.2 2.0 5.8





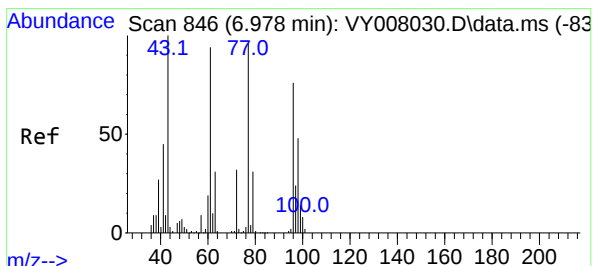
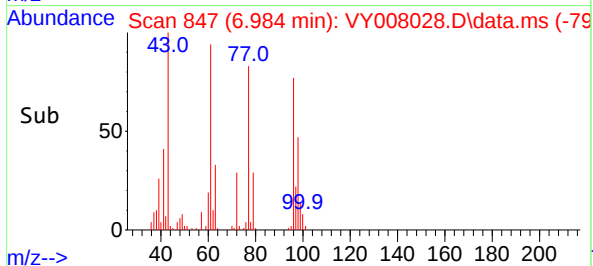
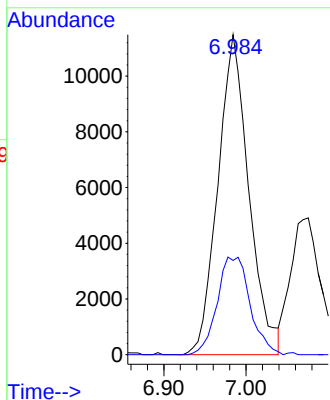
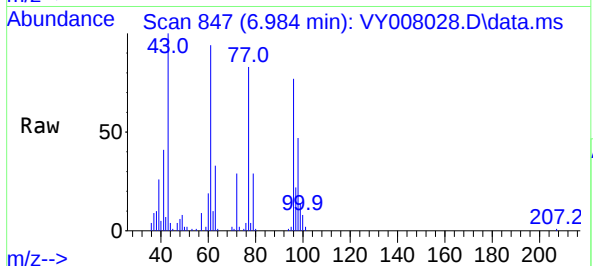
#25
2-Butanone
Concen: 28.005 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY008028.D
Acq: 25 Mar 2022 16:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 30019
Ion Ratio Lower Upper
43 100
72 29.5 17.7 26.5

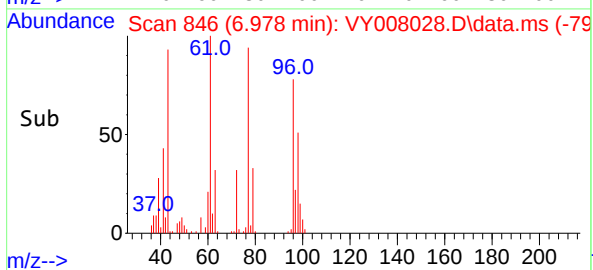
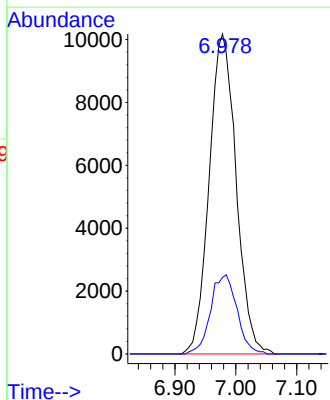
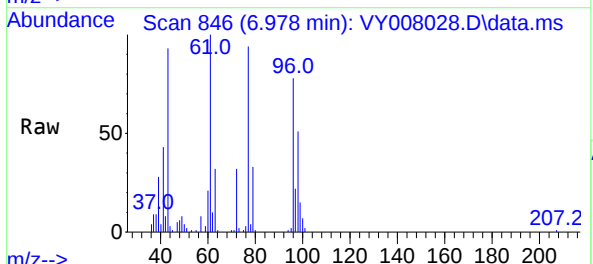
Manual Integrations
APPROVED

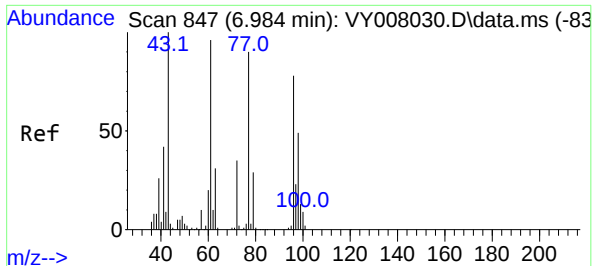
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#26
2,2-Dichloropropane
Concen: 7.444 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY008028.D
Acq: 25 Mar 2022 16:11

Tgt Ion: 77 Resp: 31270
Ion Ratio Lower Upper
77 100
97 24.2 10.4 31.4





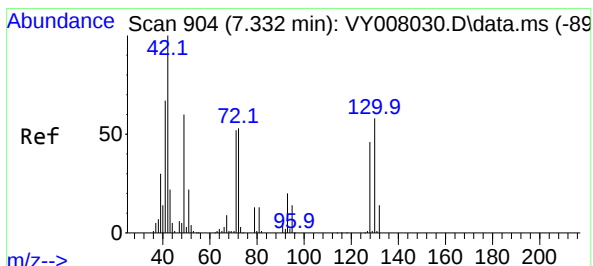
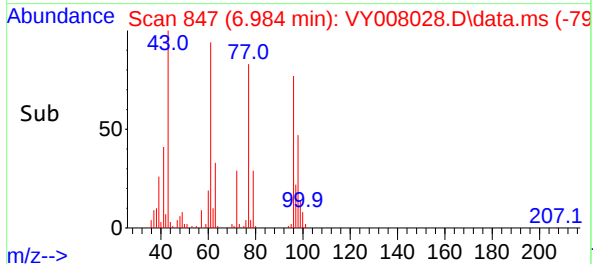
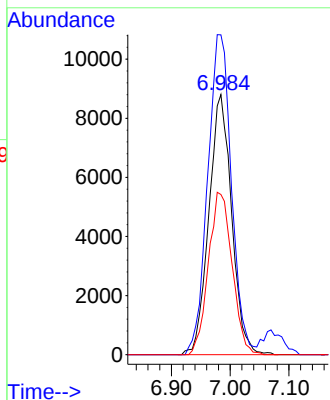
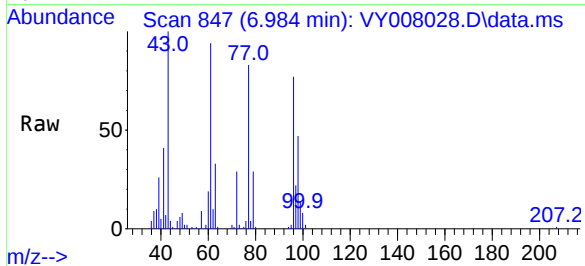
#27
cis-1,2-Dichloroethene
Concen: 7.452 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY008028.D
Acq: 25 Mar 2022 16:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 96 Resp: 23719
Ion Ratio Lower Upper
96 100
61 128.3 0.0 319.8
98 64.9 0.0 127.0

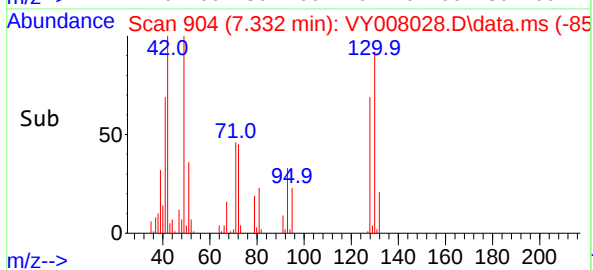
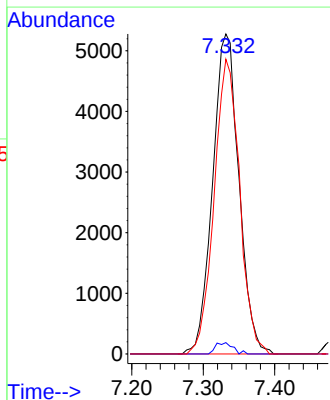
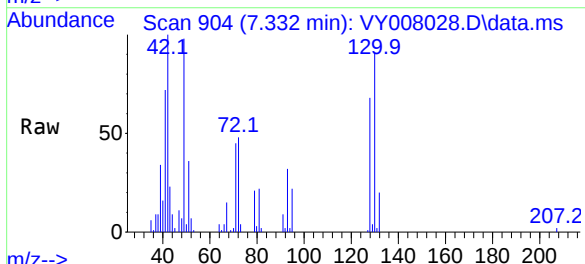
Manual Integrations
APPROVED

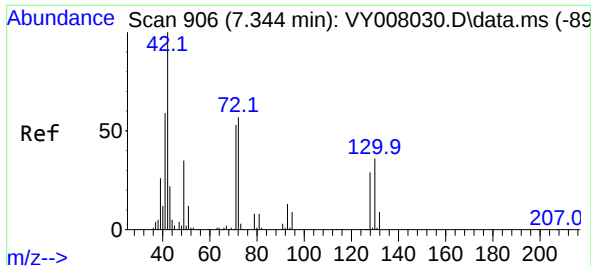
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#28
Bromochloromethane
Concen: 8.103 ug/l
RT: 7.332 min Scan# 904
Delta R.T. -0.000 min
Lab File: VY008028.D
Acq: 25 Mar 2022 16:11

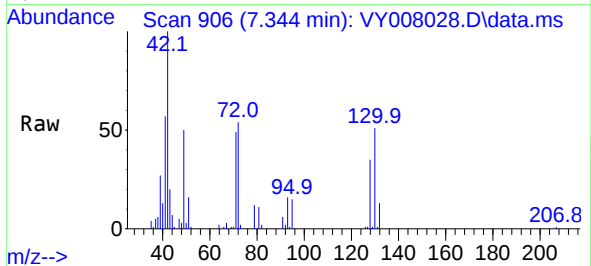
Tgt Ion: 49 Resp: 13464
Ion Ratio Lower Upper
49 100
129 2.4 0.0 2.2#
130 89.4 55.4 83.0#





#29
Tetrahydrofuran
Concen: 28.070 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY008028.D
Acq: 25 Mar 2022 16:11

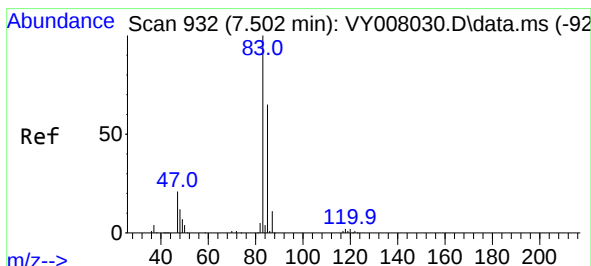
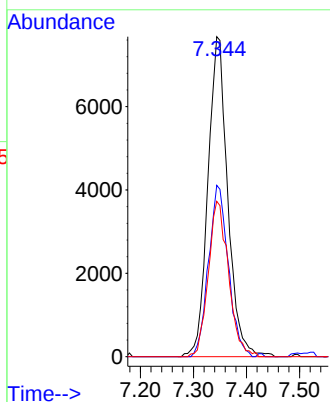
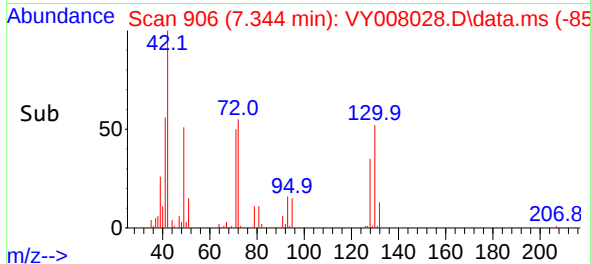
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



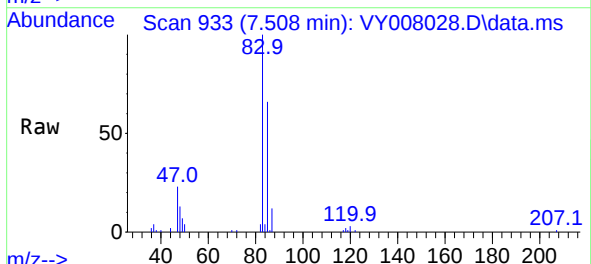
Tgt Ion: 42 Resp: 1993
Ion Ratio Lower Upper
42 100
72 53.4 30.3 45.5
71 49.5 29.0 43.4

Manual Integrations
APPROVED

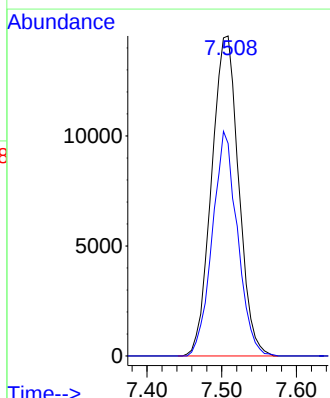
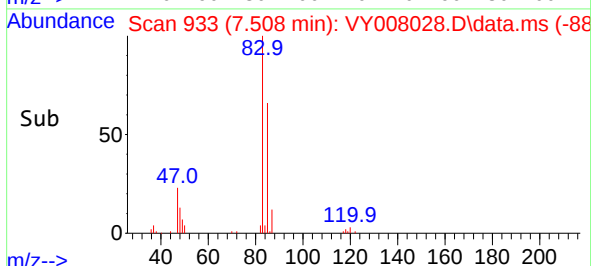
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

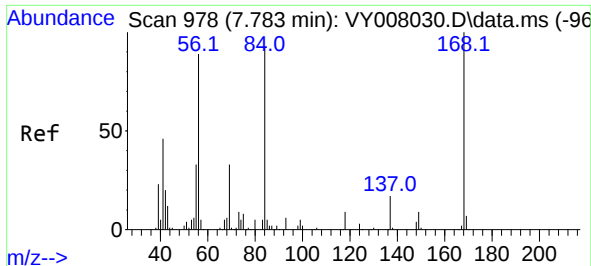


#30
Chloroform
Concen: 7.375 ug/l
RT: 7.508 min Scan# 933
Delta R.T. 0.006 min
Lab File: VY008028.D
Acq: 25 Mar 2022 16:11



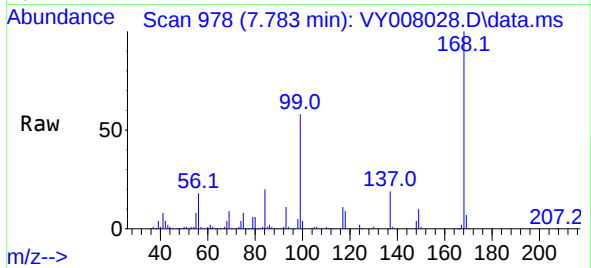
Tgt Ion: 83 Resp: 36617
Ion Ratio Lower Upper
83 100
85 66.4 51.8 77.6





#31
Cyclohexane
Concen: 7.501 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008028.D
Acq: 25 Mar 2022 16:11

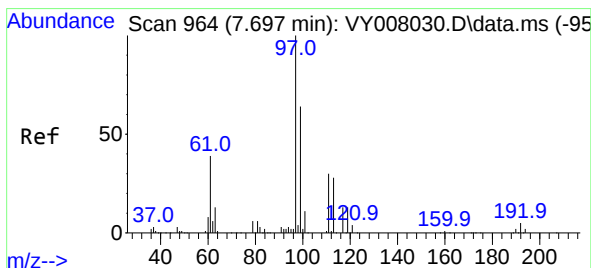
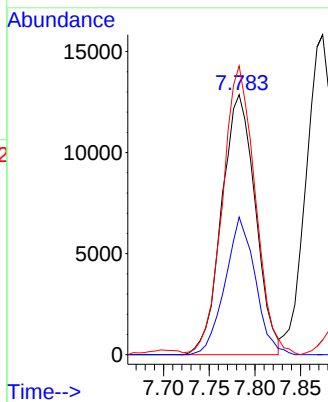
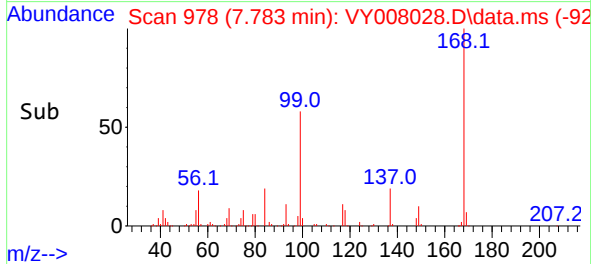
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



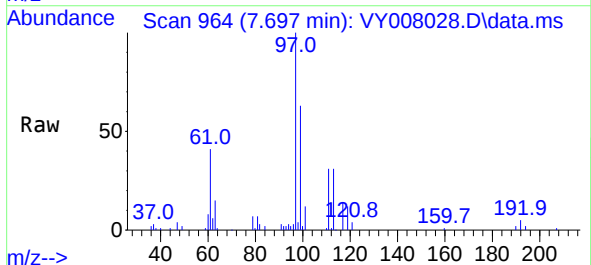
Tgt Ion: 56 Resp: 32974
Ion Ratio Lower Upper
56 100
69 52.9 26.7 40.1
84 109.6 67.2 100.8

Manual Integrations
APPROVED

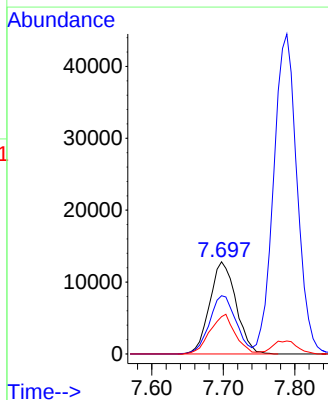
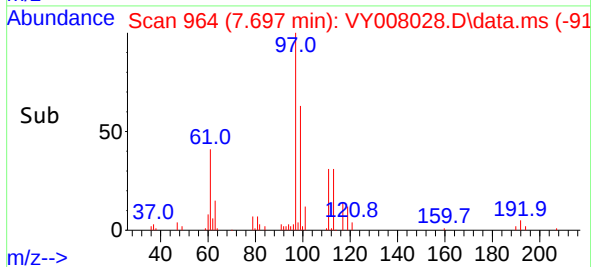
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

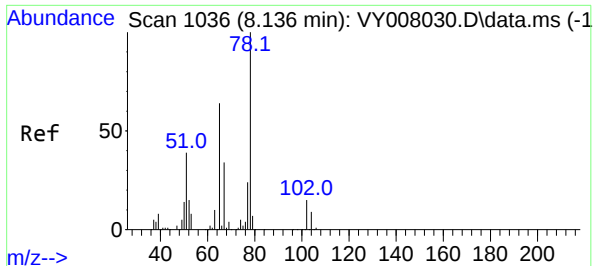


#32
1,1,1-Trichloroethane
Concen: 7.695 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.000 min
Lab File: VY008028.D
Acq: 25 Mar 2022 16:11



Tgt Ion: 97 Resp: 32798
Ion Ratio Lower Upper
97 100
99 63.9 50.7 76.1
61 41.2 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 7.686 ug/l

RT: 8.142 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VY008028.D

Acq: 25 Mar 2022 16:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 65 Resp: 1846

Ion Ratio Lower Upper

65 100

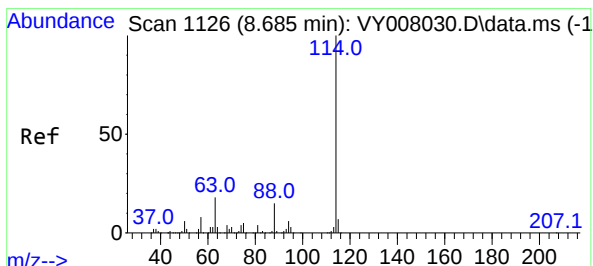
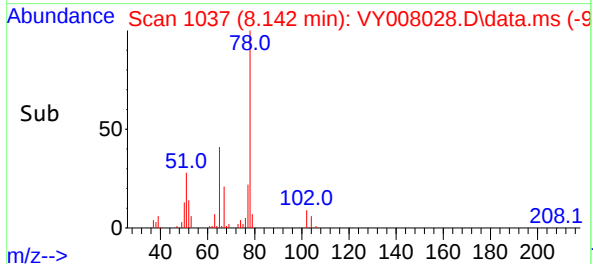
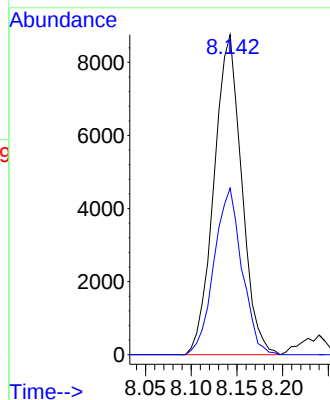
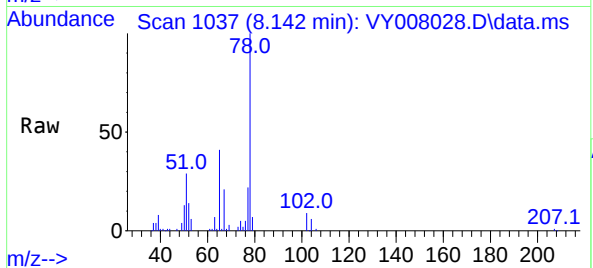
67 52.4 0.0 99.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY008028.D

Acq: 25 Mar 2022 16:11

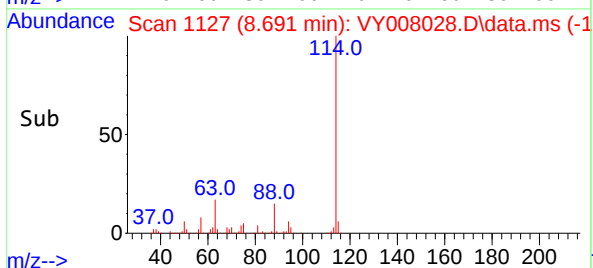
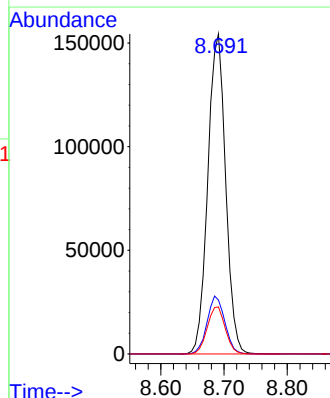
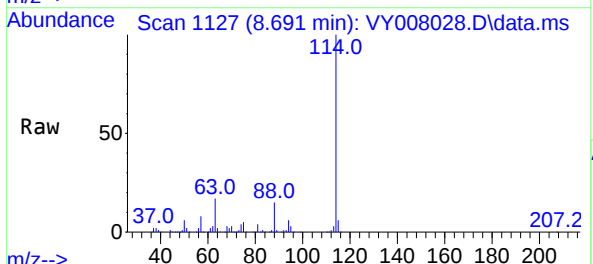
Tgt Ion:114 Resp: 302573

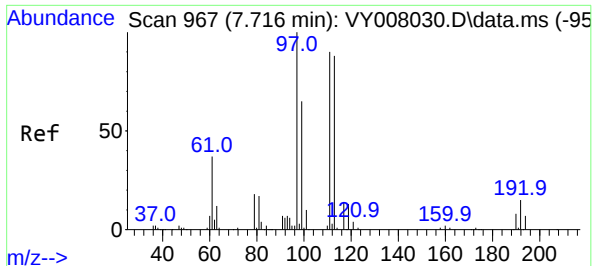
Ion Ratio Lower Upper

114 100

63 16.8 0.0 43.2

88 14.7 0.0 31.8





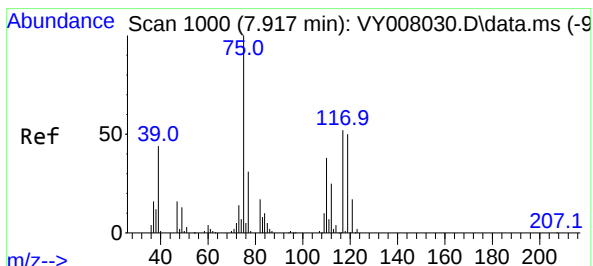
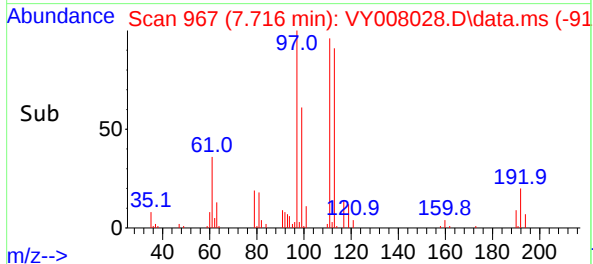
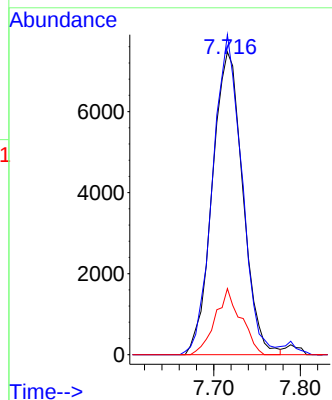
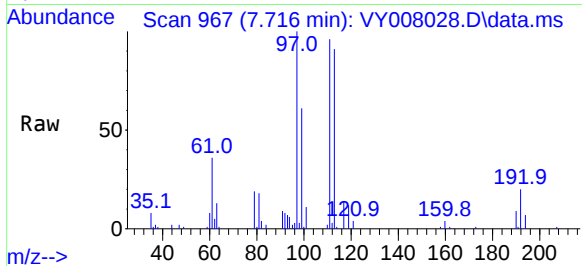
#35
Dibromofluoromethane
Concen: 9.023 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY008028.D
Acq: 25 Mar 2022 16:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 113 Resp: 1825
Ion Ratio Lower Upper
113 100
111 100.9 82.6 124.0
192 18.4 17.6 26.4

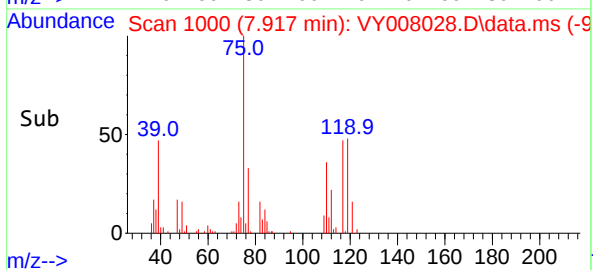
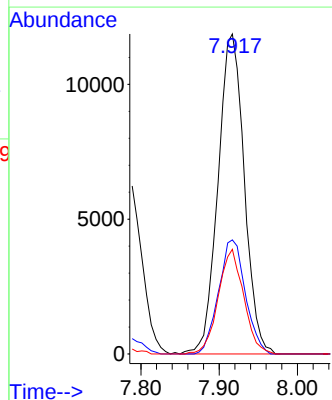
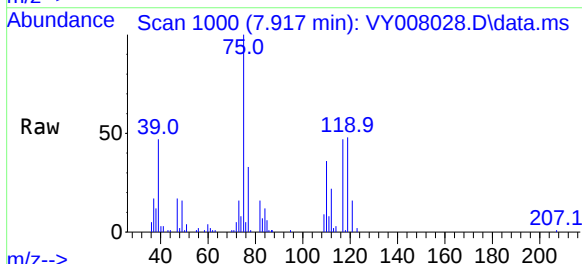
Manual Integrations
APPROVED

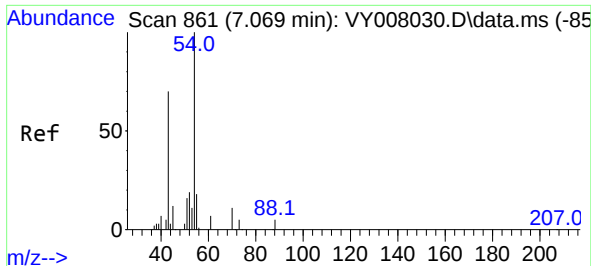
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#36
1,1-Dichloropropene
Concen: 8.073 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY008028.D
Acq: 25 Mar 2022 16:11

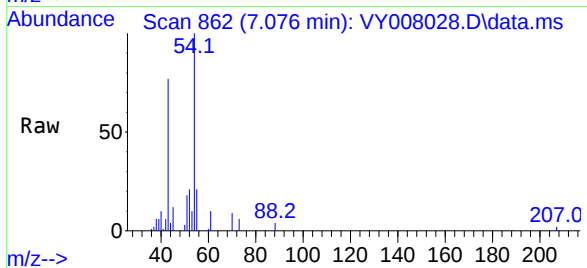
Tgt Ion: 75 Resp: 27660
Ion Ratio Lower Upper
75 100
110 36.4 17.1 51.2
77 31.7 24.4 36.6





#37
Ethyl Acetate
Concen: 5.875 ug/l
RT: 7.076 min Scan# 861
Delta R.T. 0.006 min
Lab File: VY008028.D
Acq: 25 Mar 2022 16:11

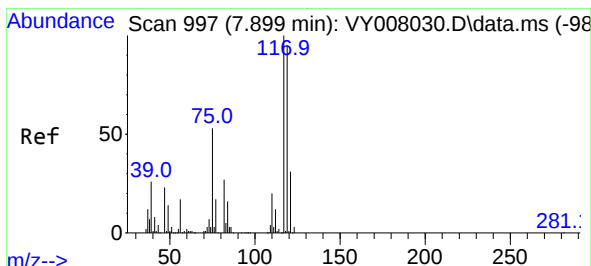
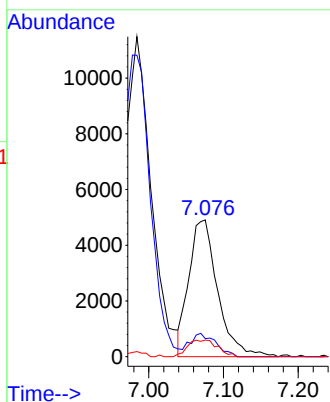
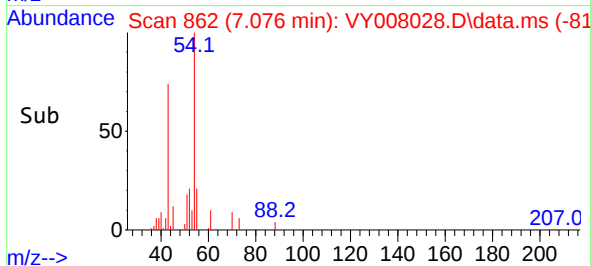
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



Tgt Ion: 43 Resp: 1311
Ion Ratio Lower Upper
43 100
61 15.1 9.7 14.5
70 12.6 7.1 10.7

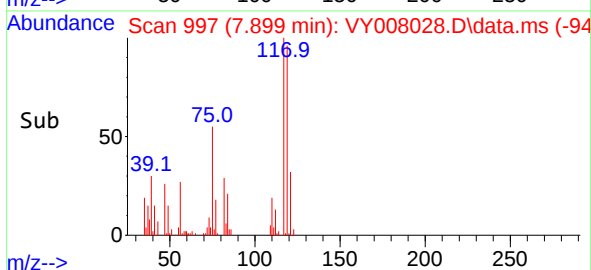
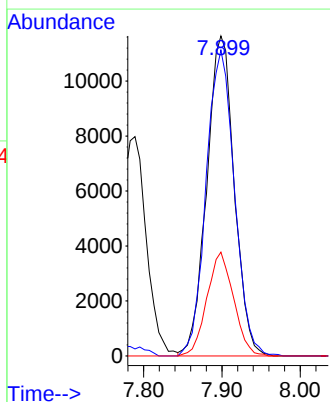
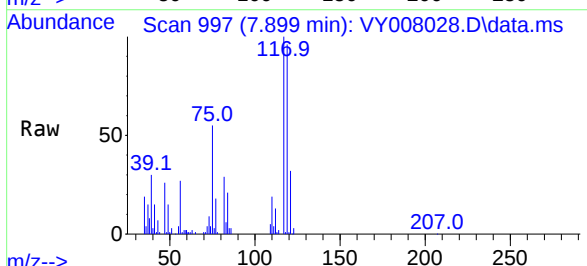
Manual Integrations
APPROVED

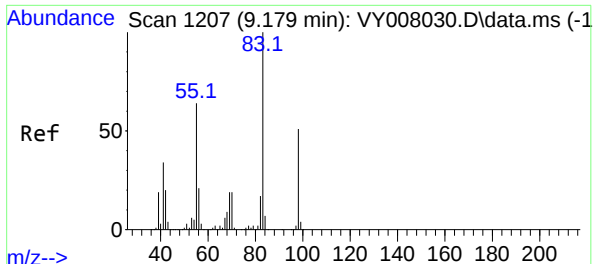
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#38
Carbon Tetrachloride
Concen: 8.188 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY008028.D
Acq: 25 Mar 2022 16:11

Tgt Ion:117 Resp: 28451
Ion Ratio Lower Upper
117 100
119 95.5 77.9 116.9
121 32.4 24.8 37.2





#39

Methylcyclohexane

Concen: 8.288 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY008028.D

Acq: 25 Mar 2022 16:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

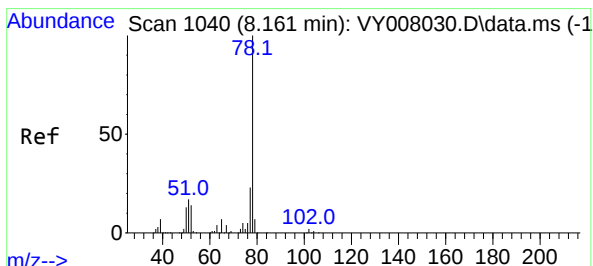
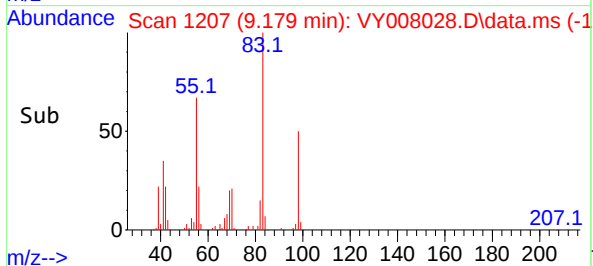
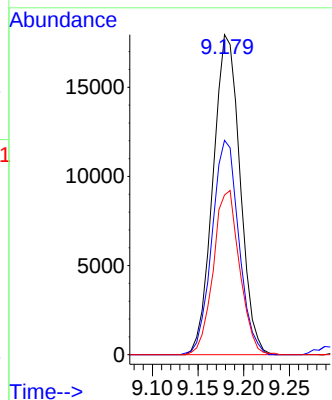
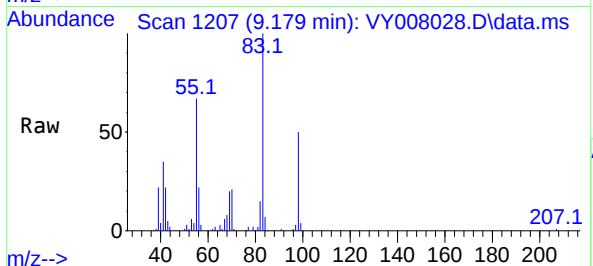
Tgt Ion:	83	Resp:	3691
Ion	Ratio	Lower	Upper
83	100		
55	67.0	66.5	99.7
98	49.9	37.9	56.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



#40

Benzene

Concen: 7.938 ug/l

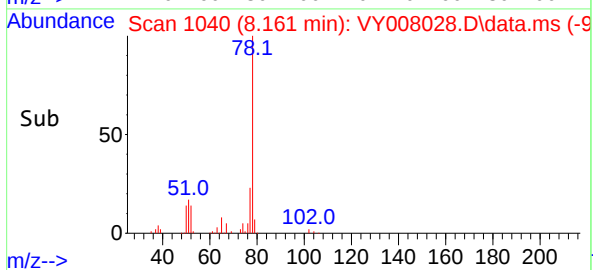
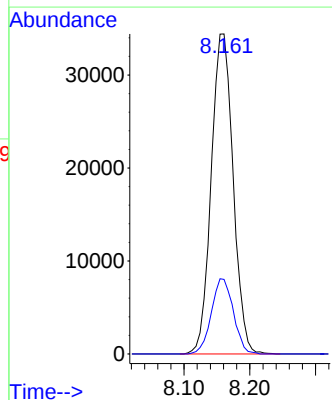
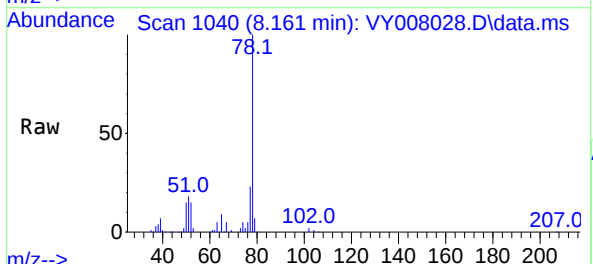
RT: 8.161 min Scan# 1040

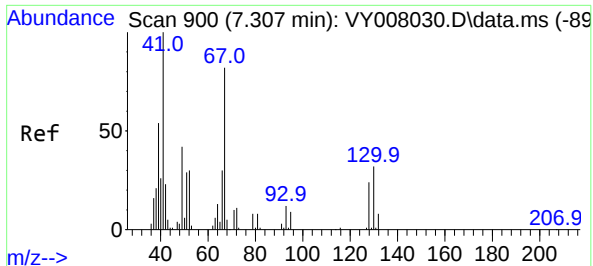
Delta R.T. -0.000 min

Lab File: VY008028.D

Acq: 25 Mar 2022 16:11

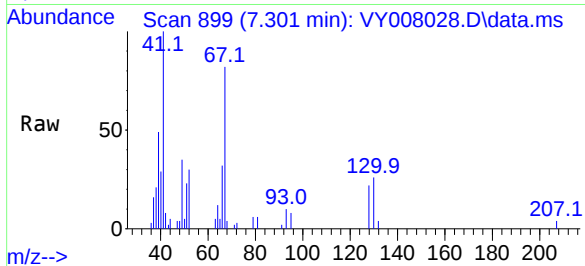
Tgt Ion:	78	Resp:	79785
Ion	Ratio	Lower	Upper
78	100		
77	23.3	20.4	30.6





#41
Methacrylonitrile
Concen: 2.356 ug/l m
RT: 7.301 min Scan# 899
Delta R.T. -0.006 min
Lab File: VY008028.D
Acq: 25 Mar 2022 16:11

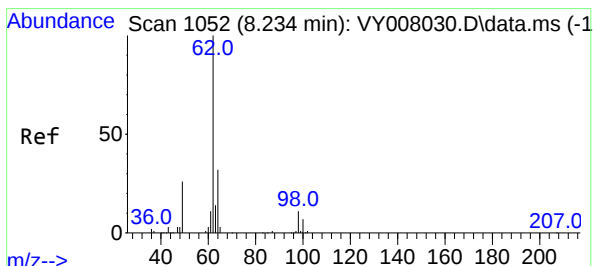
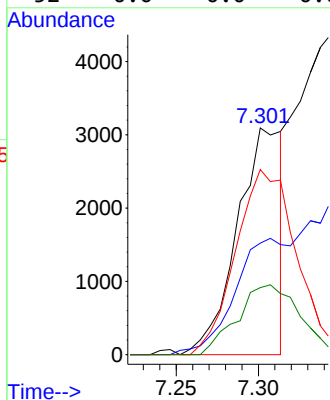
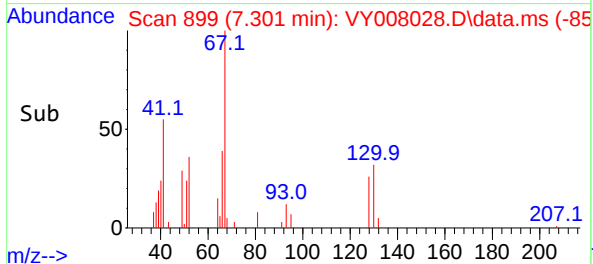
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



Tgt Ion: 41 Resp: 5869
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3
67 0.0 0.0 0.0
52 0.0 0.0 0.0

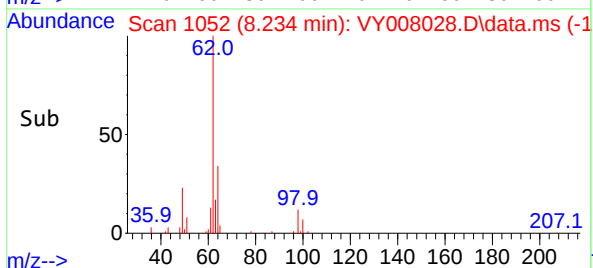
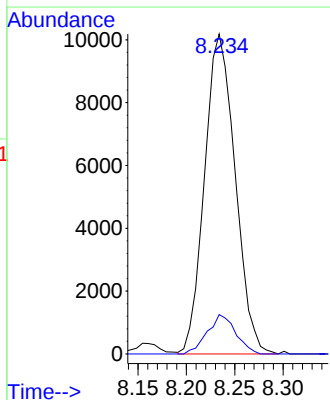
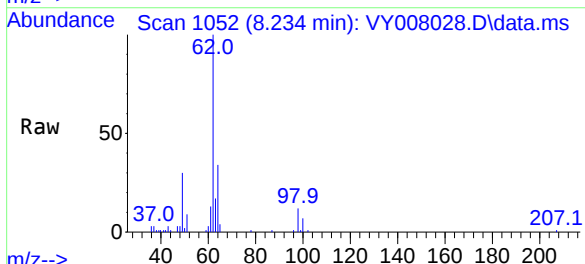
Manual Integrations
APPROVED

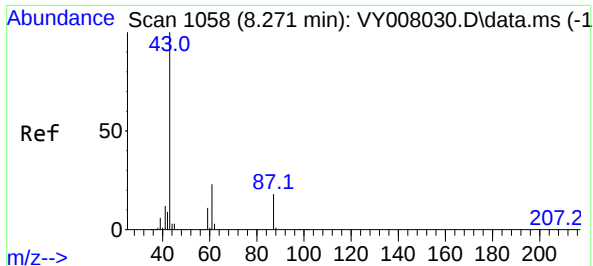
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#42
1,2-Dichloroethane
Concen: 7.230 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY008028.D
Acq: 25 Mar 2022 16:11

Tgt Ion: 62 Resp: 22413
Ion Ratio Lower Upper
62 100
98 11.4 0.0 14.8





#43

Isopropyl Acetate

Concen: 6.191 ug/l

RT: 8.270 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VY008028.D

Acq: 25 Mar 2022 16:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 43 Resp: 2585

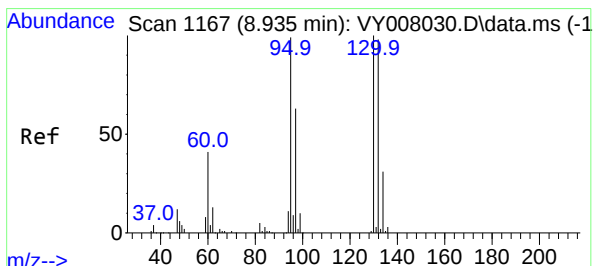
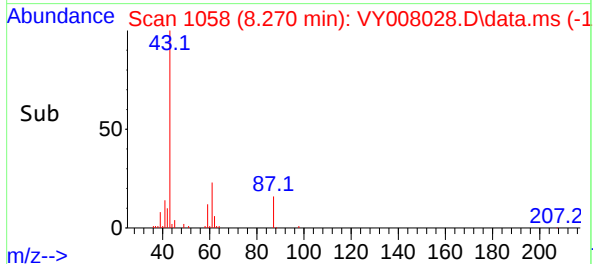
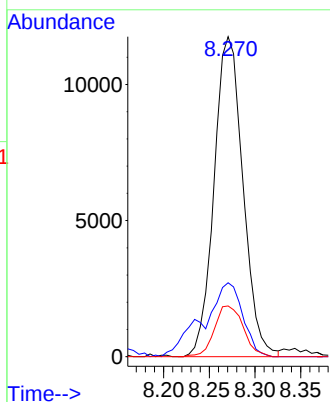
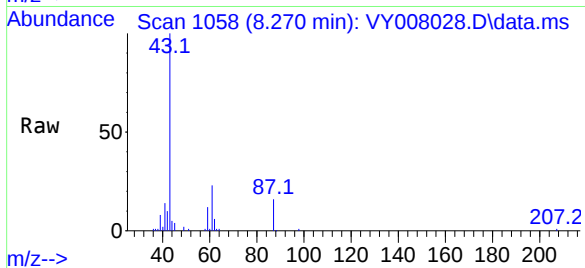
Ion	Ratio	Lower	Upper
43	100		
61	31.8	20.2	30.2
87	15.9	8.9	13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



#44

Trichloroethene

Concen: 8.138 ug/l

RT: 8.941 min Scan# 1168

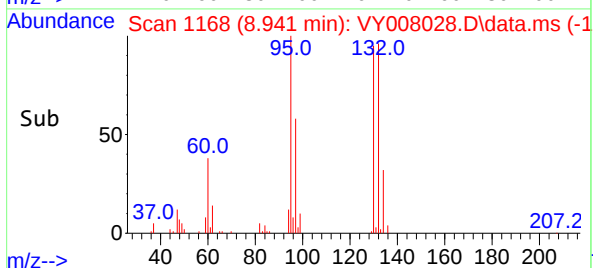
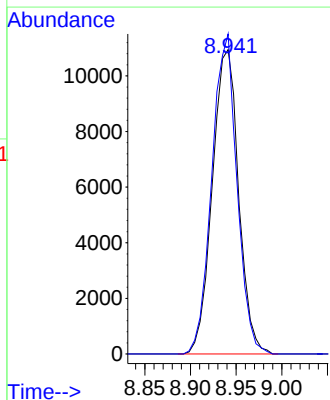
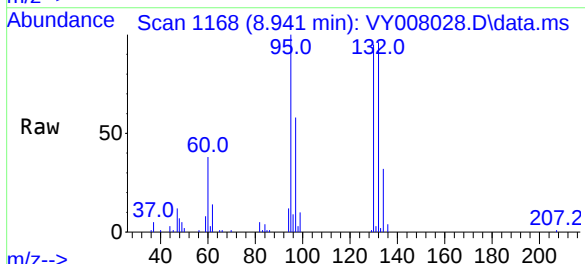
Delta R.T. 0.006 min

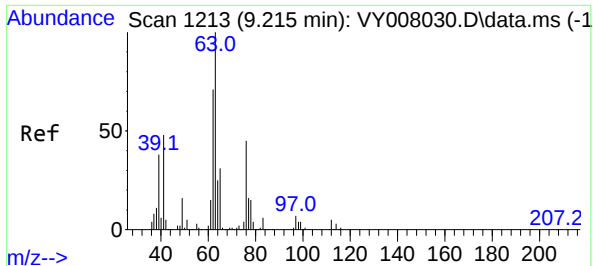
Lab File: VY008028.D

Acq: 25 Mar 2022 16:11

Tgt Ion:130 Resp: 21904

Ion	Ratio	Lower	Upper
130	100		
95	105.2	0.0	188.2





#45

1,2-Dichloropropane

Concen: 7.248 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY008028.D

Acq: 25 Mar 2022 16:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 63 Resp: 1860

Ion Ratio Lower Upper

63 100

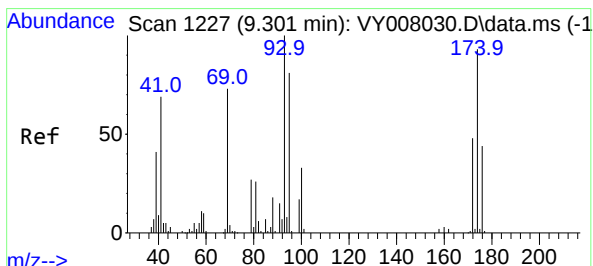
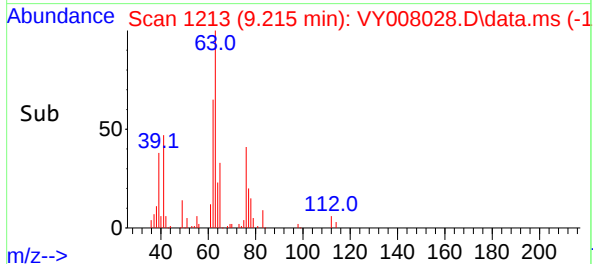
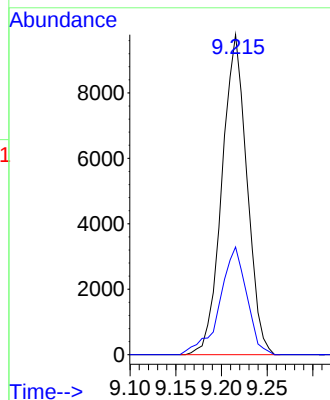
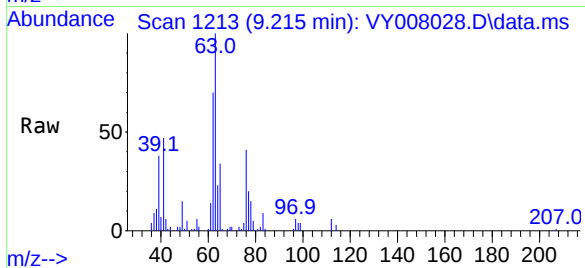
65 33.7 23.0 34.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



#46

Dibromomethane

Concen: 7.435 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY008028.D

Acq: 25 Mar 2022 16:11

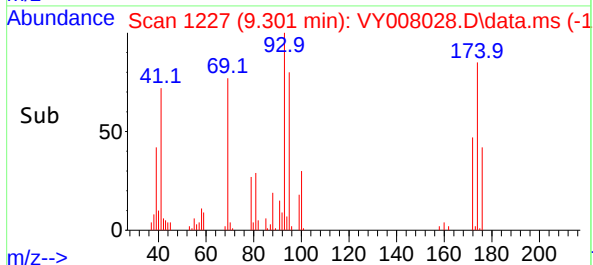
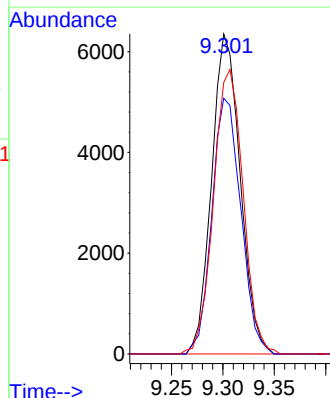
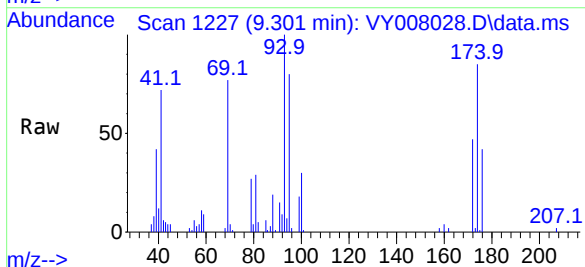
Tgt Ion: 93 Resp: 12283

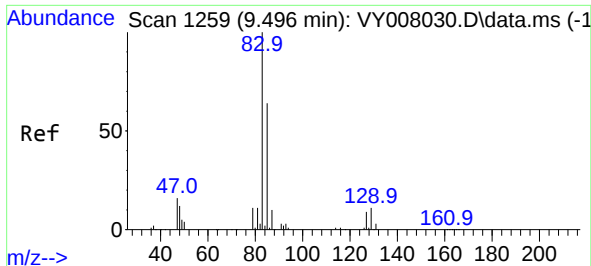
Ion Ratio Lower Upper

93 100

95 81.0 64.3 96.5

174 91.9 83.4 125.0





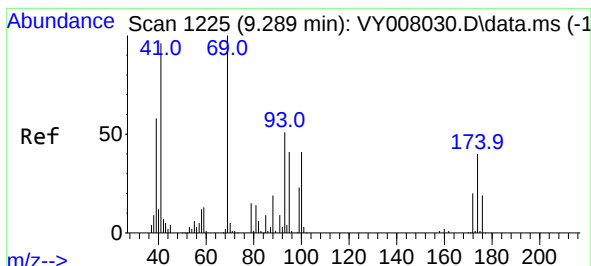
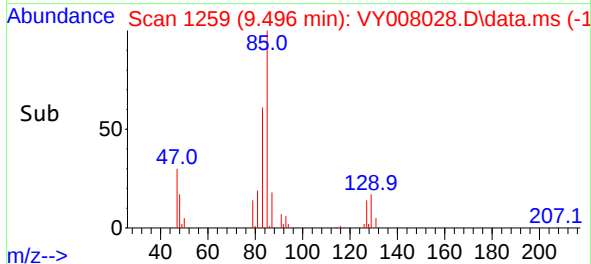
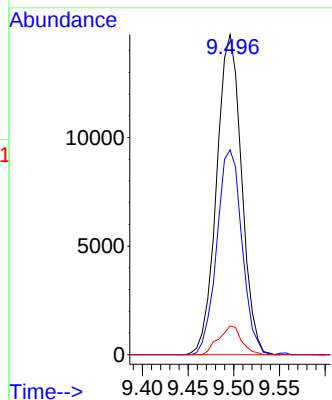
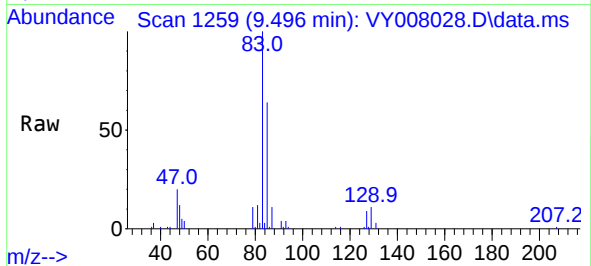
#47
Bromodichloromethane
Concen: 7.671 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY008028.D
Acq: 25 Mar 2022 16:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 83 Resp: 2798
Ion Ratio Lower Upper
83 100
85 64.0 51.9 77.9
127 9.0 6.6 10.0

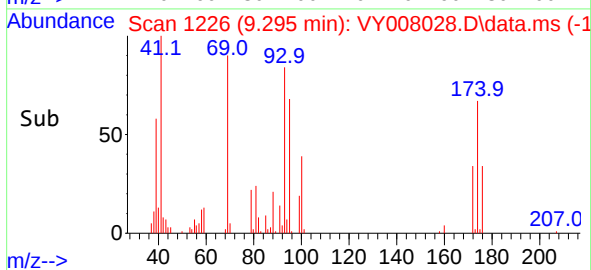
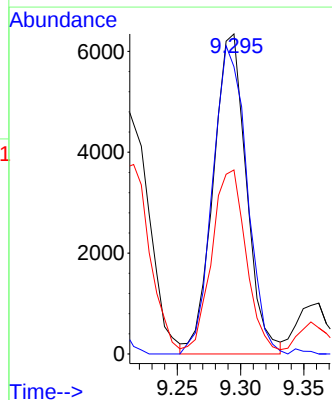
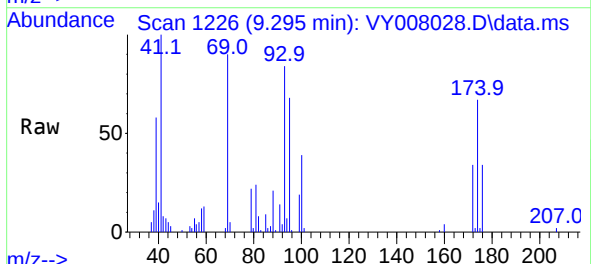
Manual Integrations
APPROVED

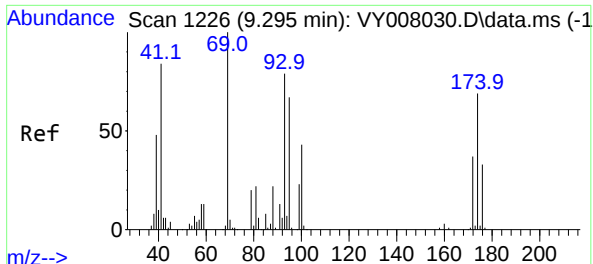
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#48
Methyl methacrylate
Concen: 6.386 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY008028.D
Acq: 25 Mar 2022 16:11

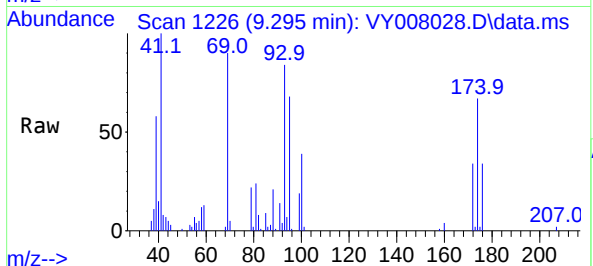
Tgt Ion: 41 Resp: 11572
Ion Ratio Lower Upper
41 100
69 99.3 58.2 87.2#
39 57.5 47.4 71.0





#49
1,4-Dioxane
Concen: 127.849 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY008028.D
Acq: 25 Mar 2022 16:11

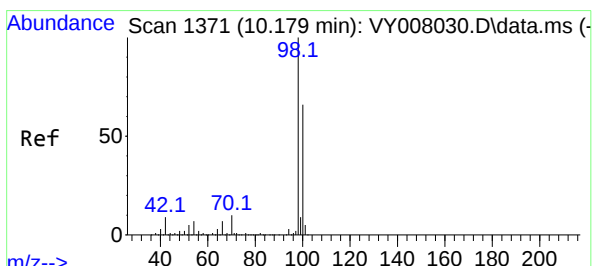
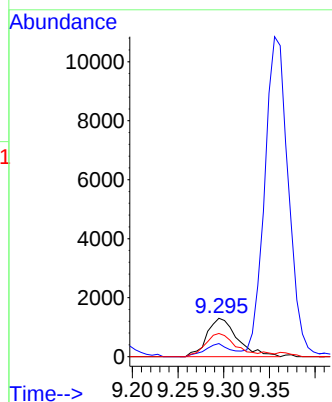
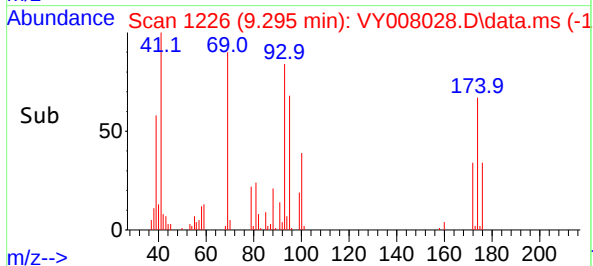
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



Tgt Ion: 88 Resp: 303
Ion Ratio Lower Upper
88 100
43 29.2 32.8 49.2
58 59.1 59.8 89.6

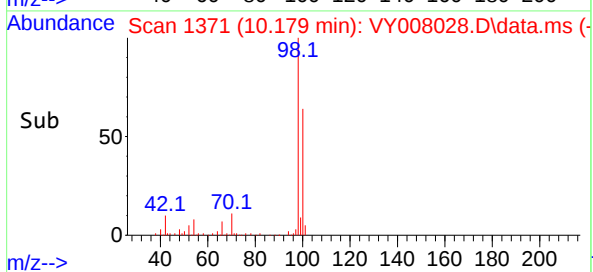
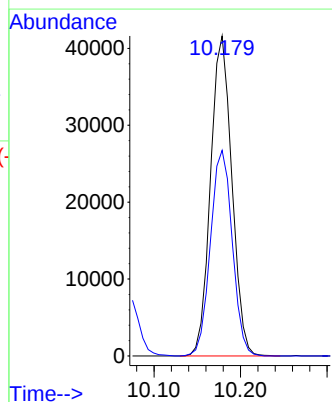
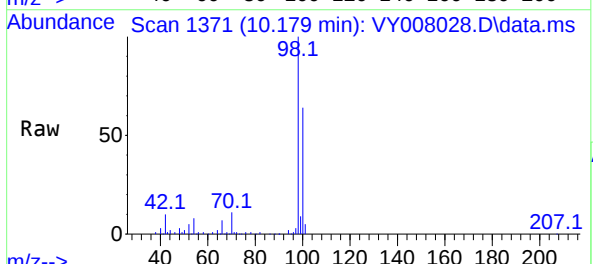
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#50
Toluene-d8
Concen: 9.675 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008028.D
Acq: 25 Mar 2022 16:11

Tgt Ion: 98 Resp: 71071
Ion Ratio Lower Upper
98 100
100 65.9 50.2 75.2





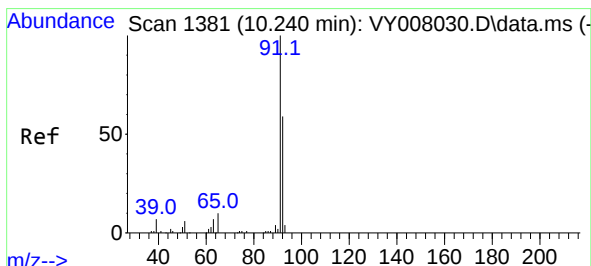
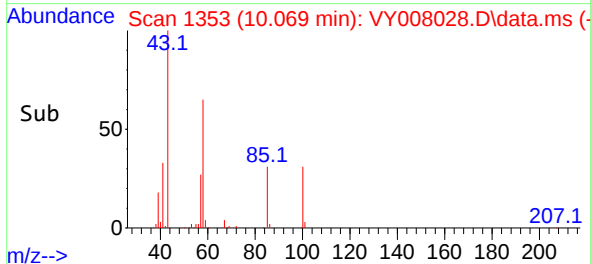
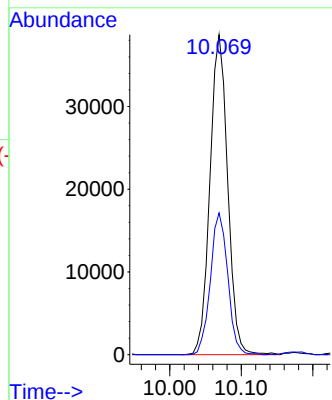
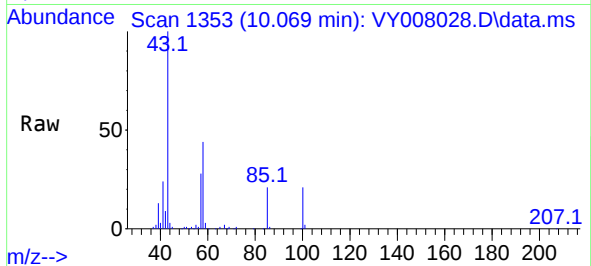
#51
4-Methyl-2-Pentanone
Concen: 31.213 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY008028.D
Acq: 25 Mar 2022 16:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 66584
Ion Ratio Lower Upper
43 100
58 43.4 28.1 42.1

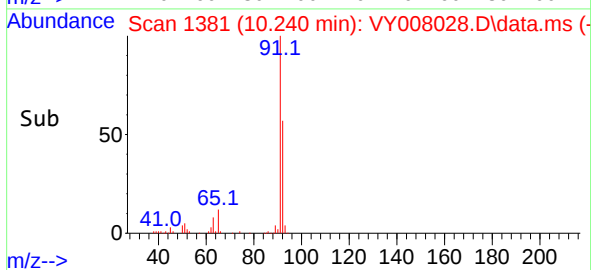
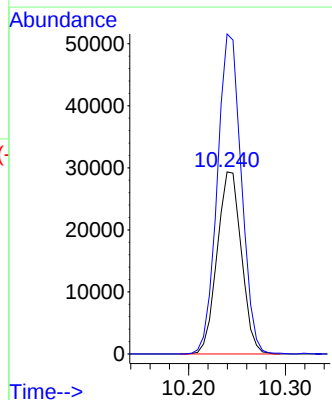
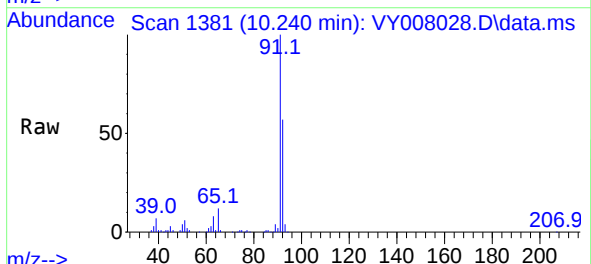
Manual Integrations
APPROVED

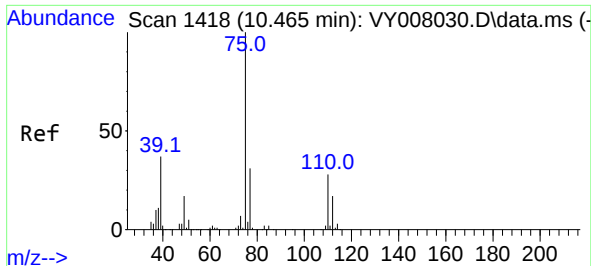
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#52
Toluene
Concen: 7.995 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY008028.D
Acq: 25 Mar 2022 16:11

Tgt Ion: 92 Resp: 51142
Ion Ratio Lower Upper
92 100
91 174.2 142.6 213.8





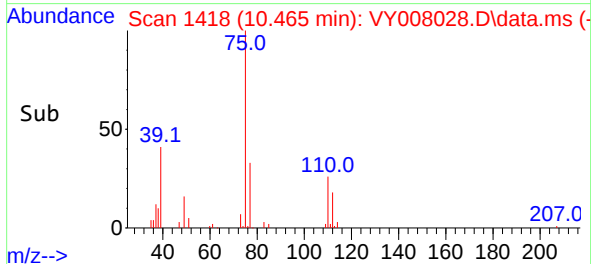
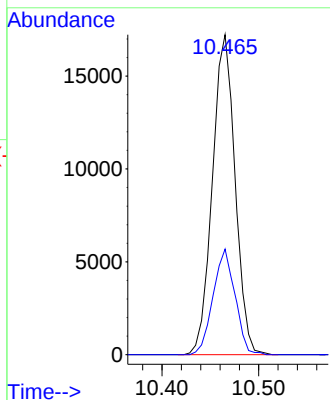
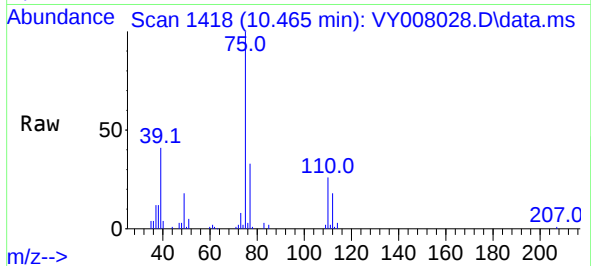
#53
t-1,3-Dichloropropene
Concen: 7.163 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY008028.D
Acq: 25 Mar 2022 16:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 75 Resp: 2808
Ion Ratio Lower Upper
75 100
77 33.0 25.4 38.2

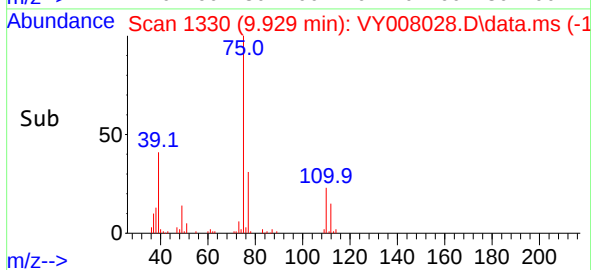
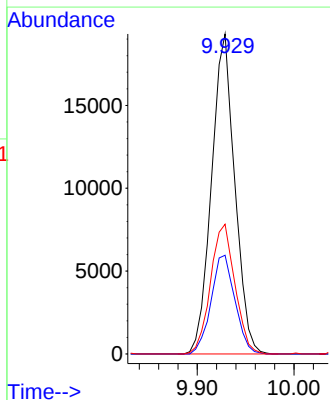
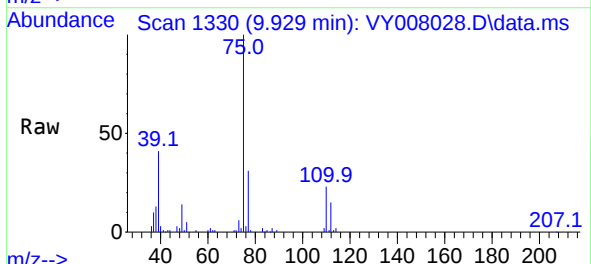
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#54
cis-1,3-Dichloropropene
Concen: 7.368 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY008028.D
Acq: 25 Mar 2022 16:11

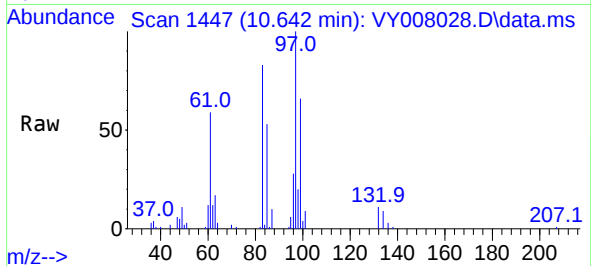
Tgt Ion: 75 Resp: 32228
Ion Ratio Lower Upper
75 100
77 30.9 25.6 38.4
39 40.5 47.6 71.4#





#55
1,1,2-Trichloroethane
Concen: 7.386 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY008028.D
Acq: 25 Mar 2022 16:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

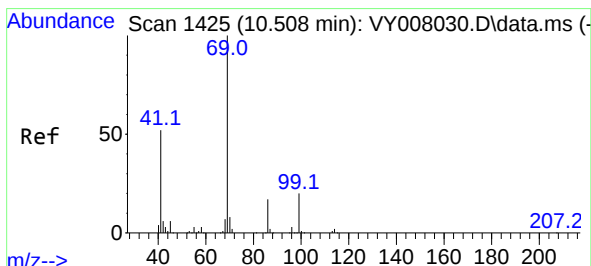
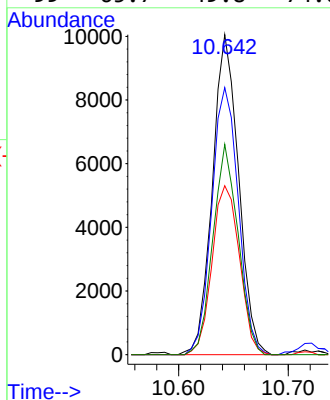
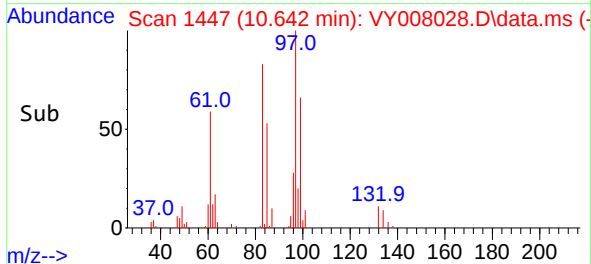


Tgt Ion: 97 Resp: 16640

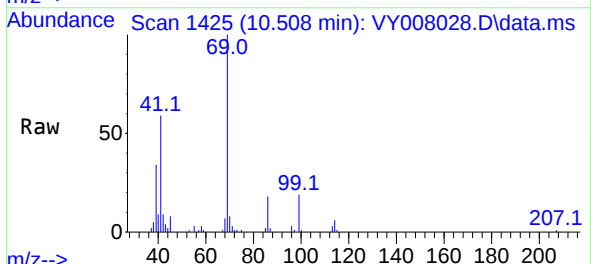
Ion	Ratio	Lower	Upper
97	100		
83	83.4	69.8	104.8
85	52.8	44.3	66.5
99	65.7	49.8	74.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

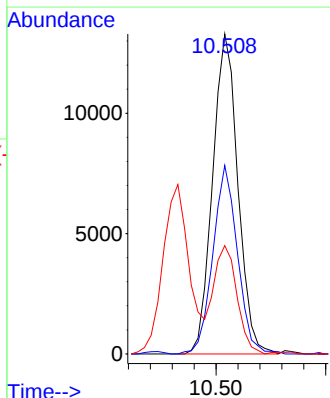
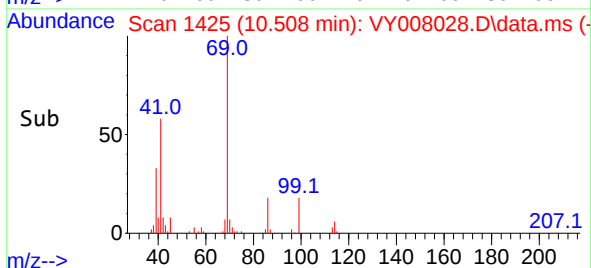


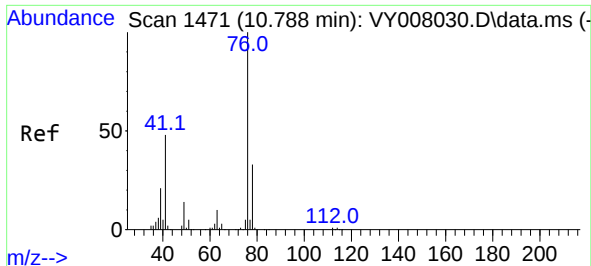
#56
Ethyl methacrylate
Concen: 6.600 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY008028.D
Acq: 25 Mar 2022 16:11



Tgt Ion: 69 Resp: 21268

Ion	Ratio	Lower	Upper
69	100		
41	57.4	63.4	95.0#
39	31.2	35.8	53.8#





#57

1,3-Dichloropropane

Concen: 7.190 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY008028.D

Acq: 25 Mar 2022 16:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

Tgt Ion: 76 Resp: 27620

Ion Ratio Lower Upper

76 100

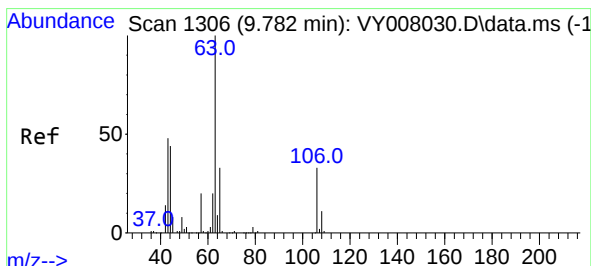
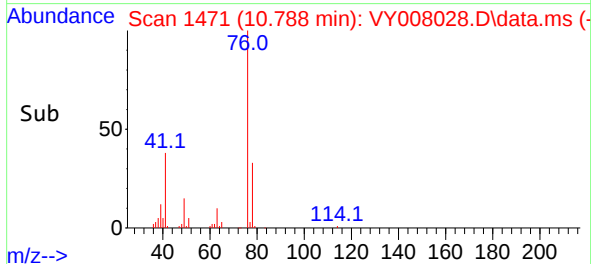
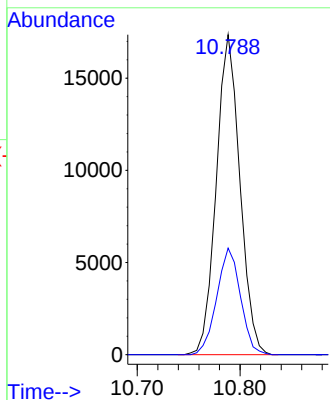
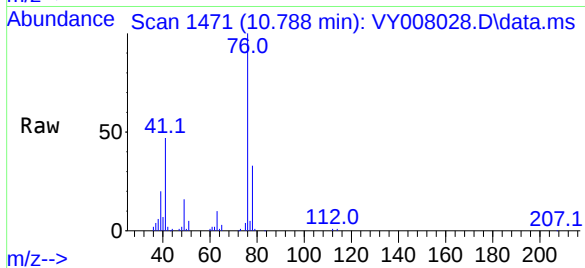
78 33.4 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



#58

2-Chloroethyl Vinyl ether

Concen: 39.323 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY008028.D

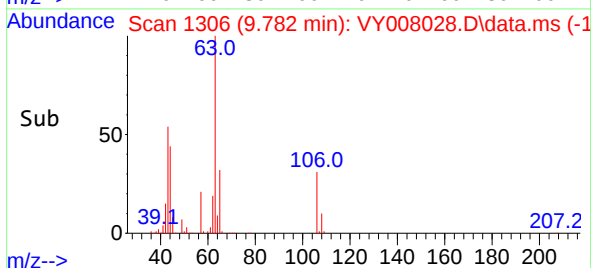
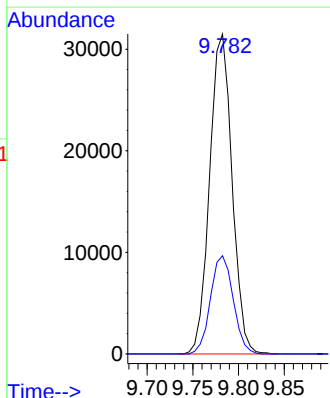
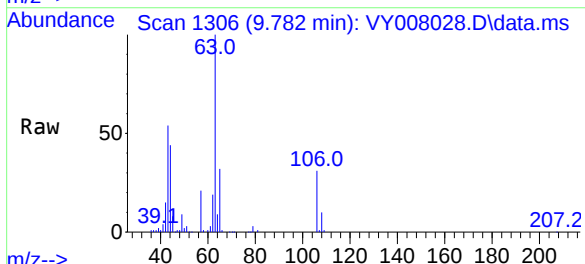
Acq: 25 Mar 2022 16:11

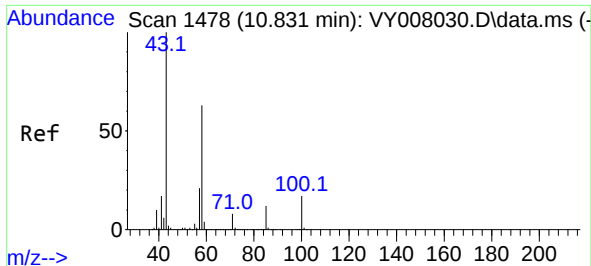
Tgt Ion: 63 Resp: 53729

Ion Ratio Lower Upper

63 100

106 31.1 21.5 32.3





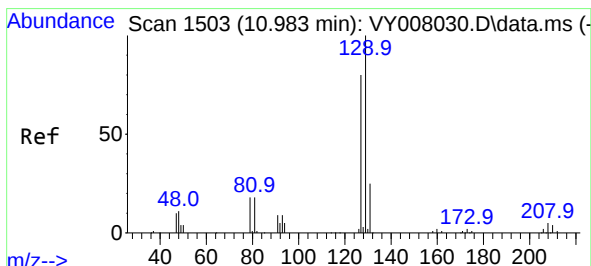
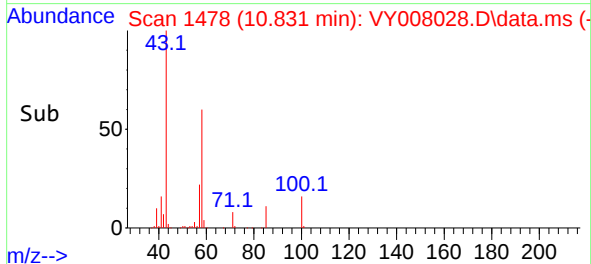
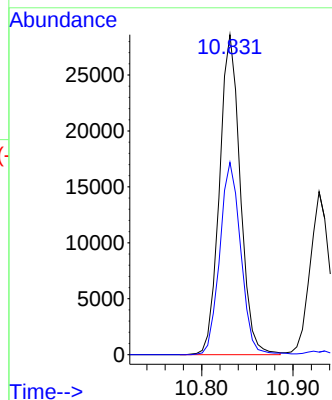
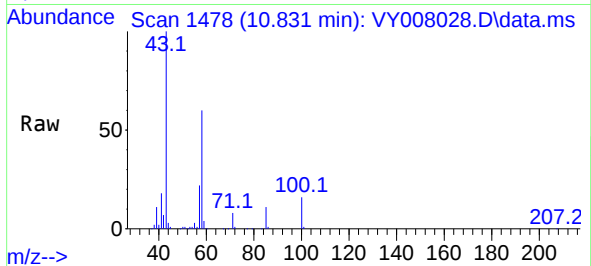
#59
2-Hexanone
Concen: 30.000 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY008028.D
Acq: 25 Mar 2022 16:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 4521
Ion Ratio Lower Upper
43 100
58 60.7 24.4 73.4

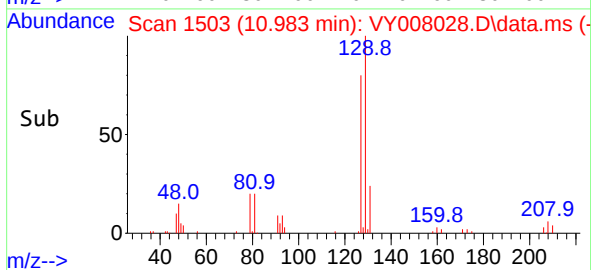
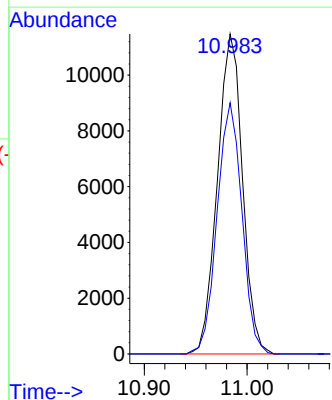
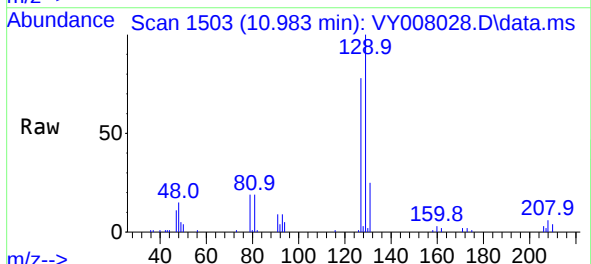
Manual Integrations
APPROVED

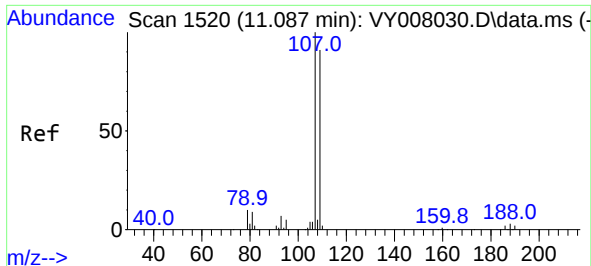
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#60
Dibromochloromethane
Concen: 7.486 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY008028.D
Acq: 25 Mar 2022 16:11

Tgt Ion:129 Resp: 19419
Ion Ratio Lower Upper
129 100
127 77.7 38.7 116.1





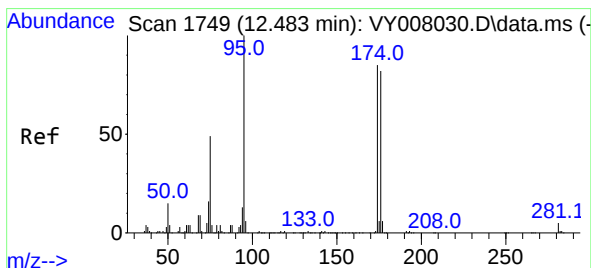
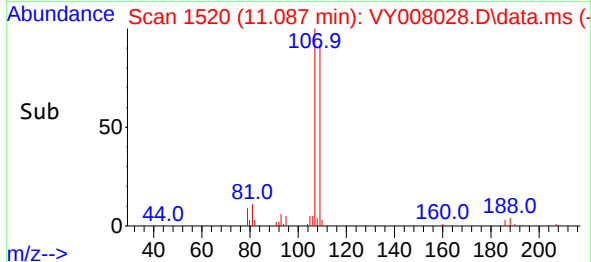
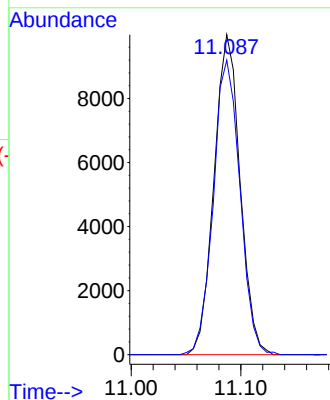
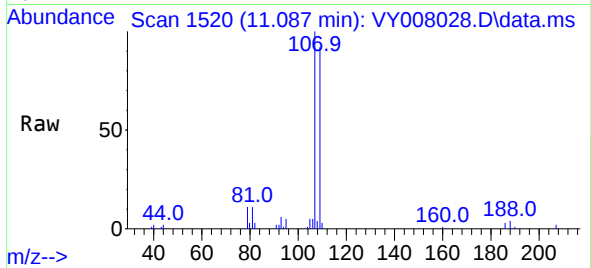
#61
1,2-Dibromoethane
Concen: 7.311 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY008028.D
Acq: 25 Mar 2022 16:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:107 Resp: 1652
Ion Ratio Lower Upper
107 100
109 94.1 75.4 113.2

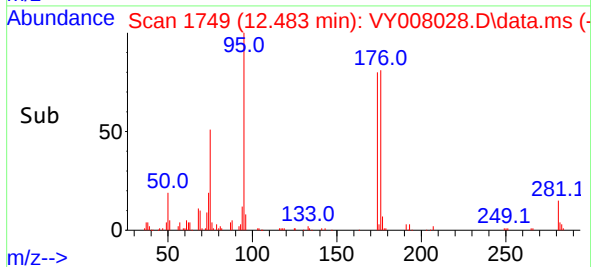
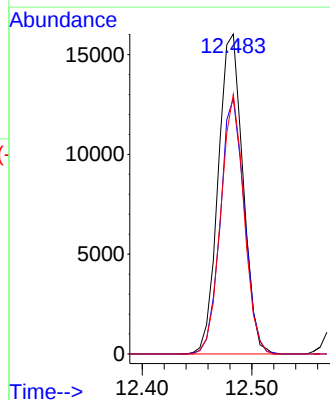
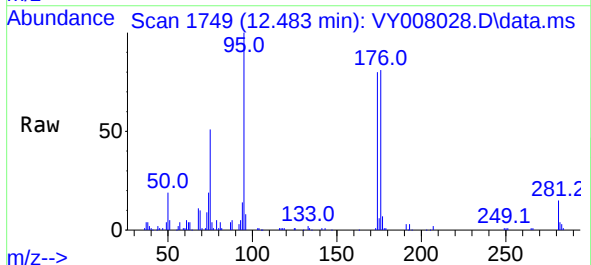
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#62
4-Bromofluorobenzene
Concen: 9.038 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY008028.D
Acq: 25 Mar 2022 16:11

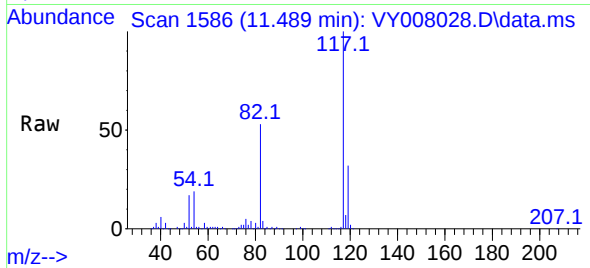
Tgt Ion: 95 Resp: 25152
Ion Ratio Lower Upper
95 100
174 77.6 0.0 177.0
176 76.2 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY008028.D
Acq: 25 Mar 2022 16:11

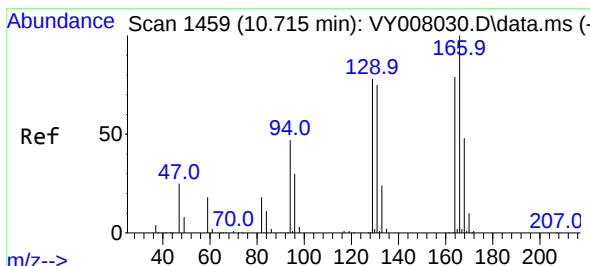
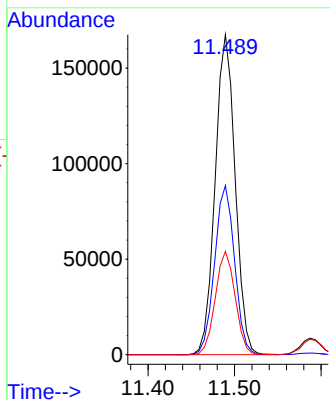
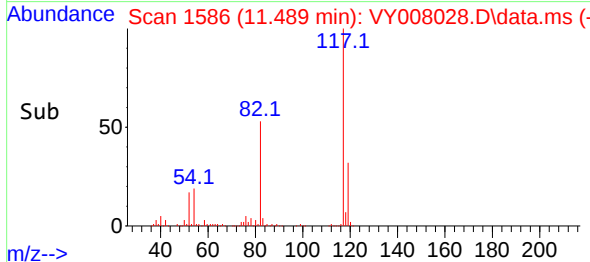
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



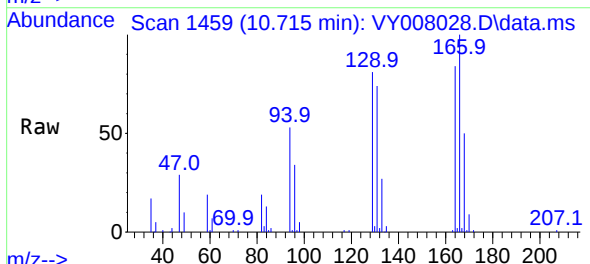
Tgt Ion:117 Resp: 268760
Ion Ratio Lower Upper
117 100
82 52.8 43.0 64.4
119 32.3 25.4 38.0

Manual Integrations
APPROVED

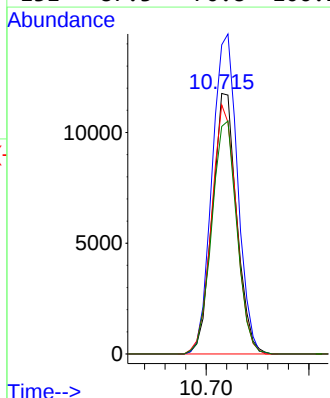
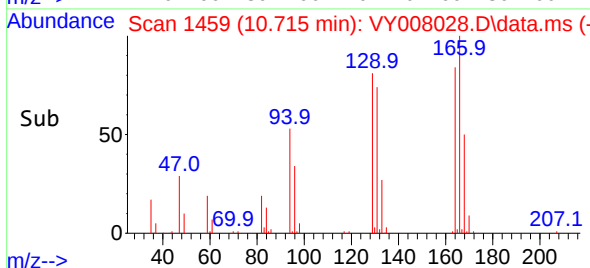
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#64
Tetrachloroethene
Concen: 9.395 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VY008028.D
Acq: 25 Mar 2022 16:11



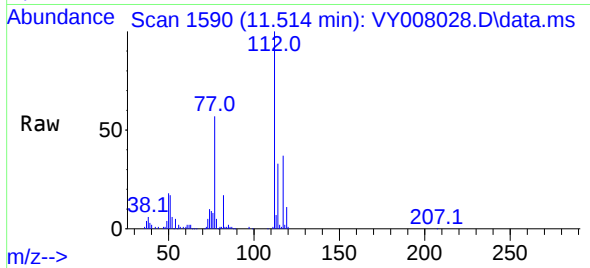
Tgt Ion:164 Resp: 19359
Ion Ratio Lower Upper
164 100
166 118.7 100.4 150.6
129 95.7 71.4 107.0
131 87.3 70.8 106.2





#65
Chlorobenzene
Concen: 8.457 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008028.D
Acq: 25 Mar 2022 16:11

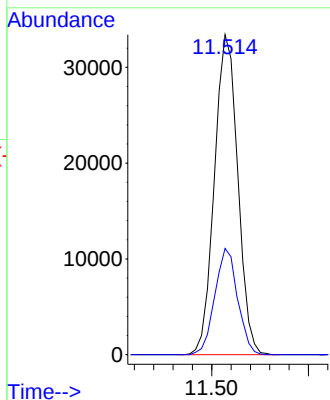
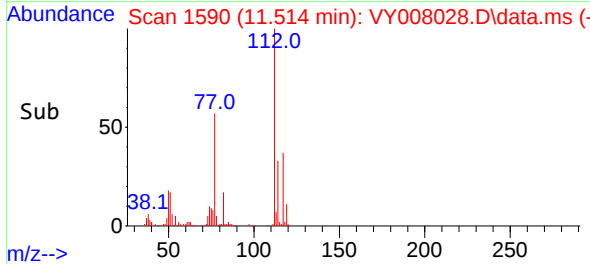
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



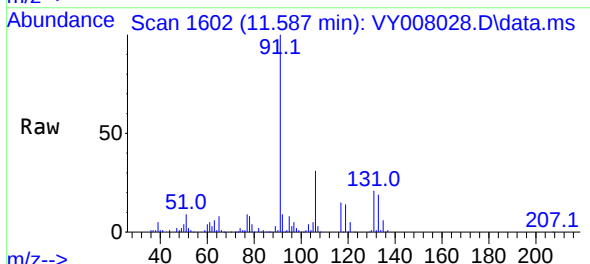
Tgt Ion:112 Resp: 5594
Ion Ratio Lower Upper
112 100
114 33.2 25.8 38.6

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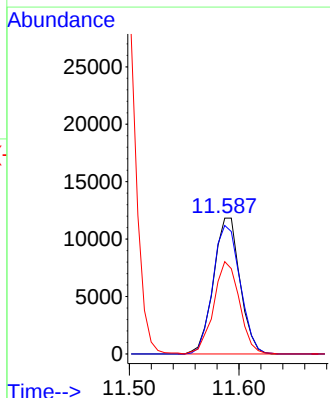
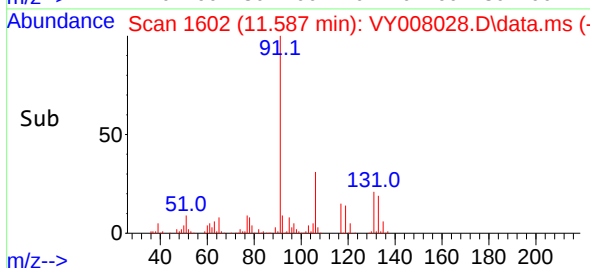
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

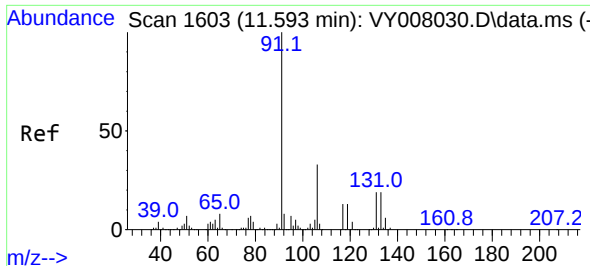


#66
1,1,1,2-Tetrachloroethane
Concen: 8.304 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY008028.D
Acq: 25 Mar 2022 16:11



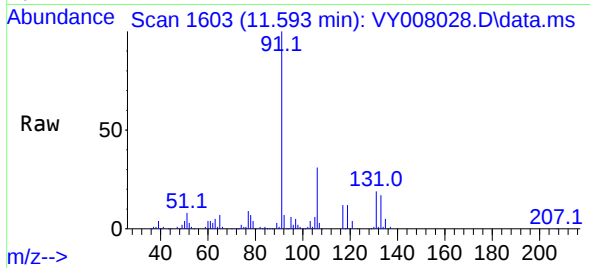
Tgt Ion:131 Resp: 19953
Ion Ratio Lower Upper
131 100
133 97.1 47.9 143.6
119 66.1 30.8 92.3





#67
Ethyl Benzene
Concen: 8.573 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY008028.D
Acq: 25 Mar 2022 16:11

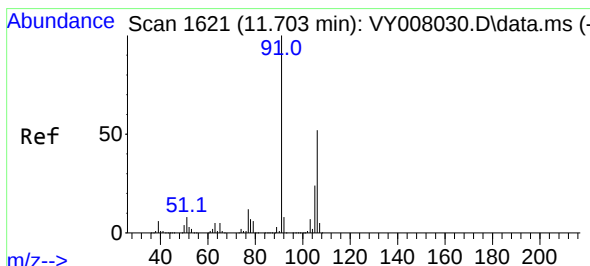
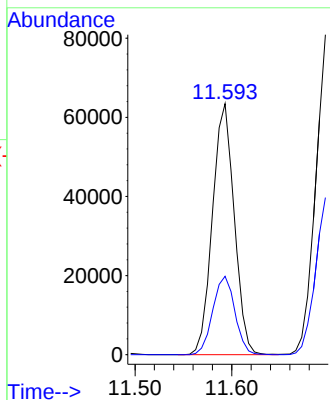
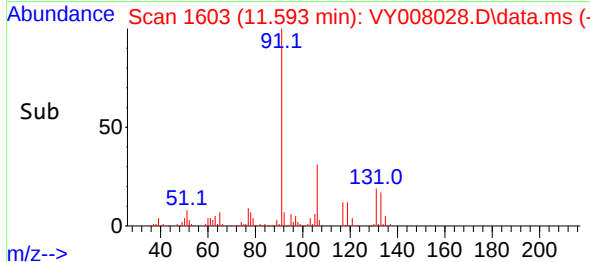
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



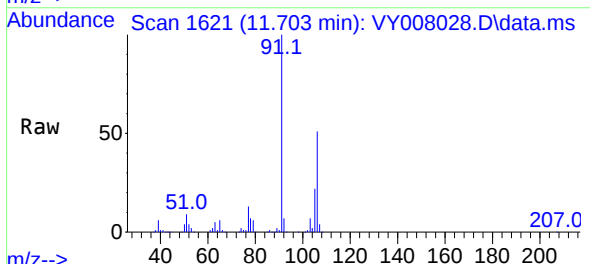
Tgt Ion: 91 Resp: 99230
Ion Ratio Lower Upper
91 100
106 31.3 24.5 36.7

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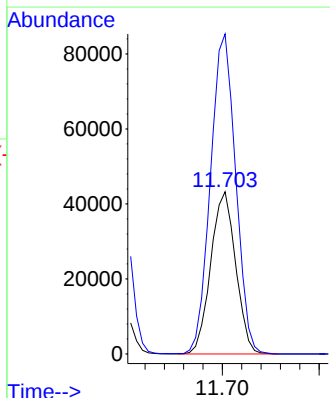
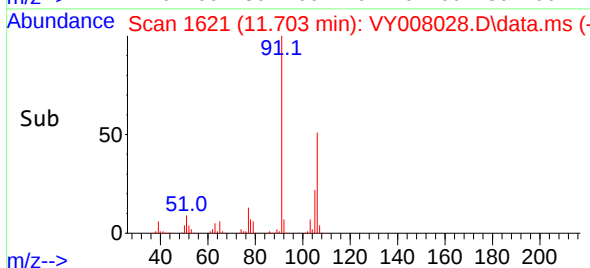
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

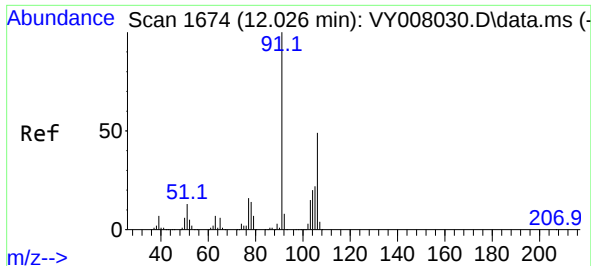


#68
m/p-Xylenes
Concen: 17.114 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY008028.D
Acq: 25 Mar 2022 16:11



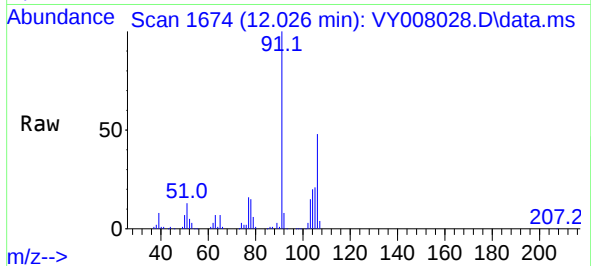
Tgt Ion:106 Resp: 77305
Ion Ratio Lower Upper
106 100
91 199.7 166.6 249.8





#69
o-Xylene
Concen: 8.651 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY008028.D
Acq: 25 Mar 2022 16:11

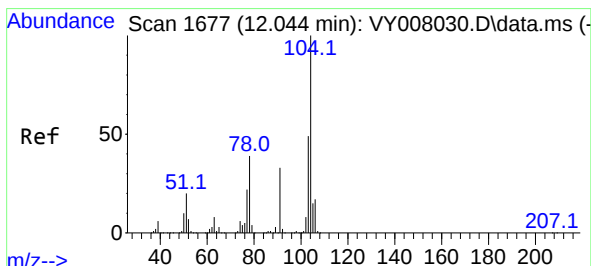
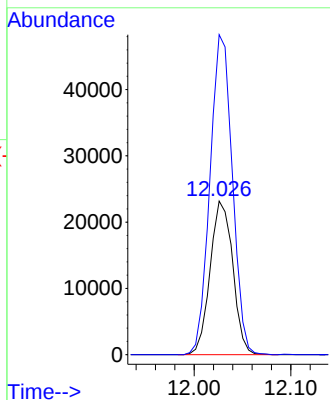
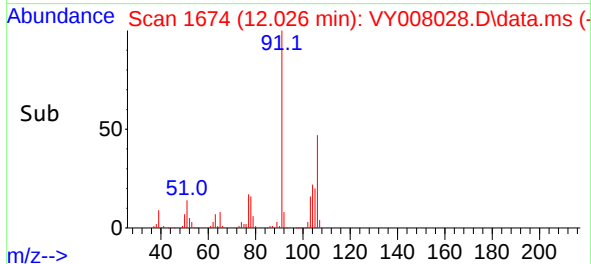
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



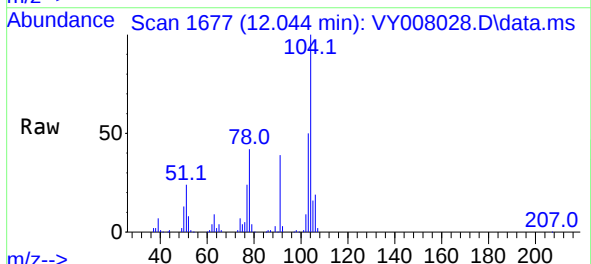
Tgt Ion:106 Resp: 37648
Ion Ratio Lower Upper
106 100
91 206.0 110.3 331.0

Manual Integrations
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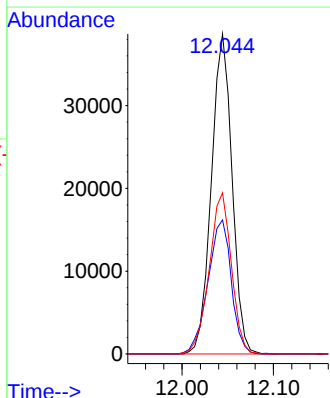
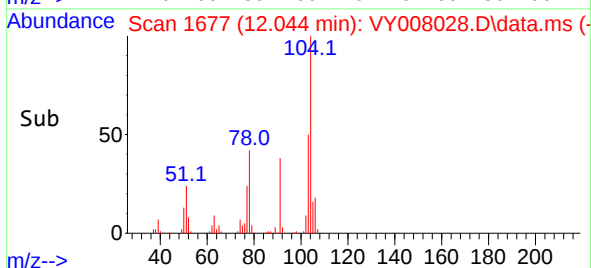
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

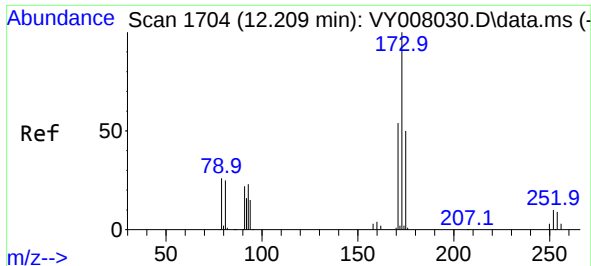


#70
Styrene
Concen: 8.358 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY008028.D
Acq: 25 Mar 2022 16:11



Tgt Ion:104 Resp: 60669
Ion Ratio Lower Upper
104 100
78 47.3 42.4 63.6
103 54.0 44.4 66.6





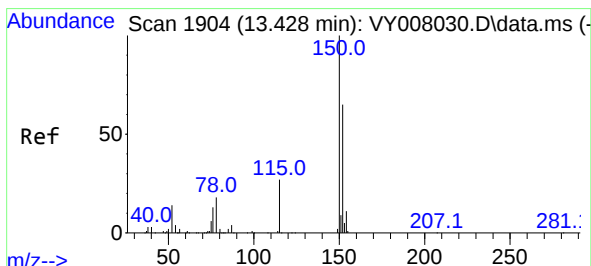
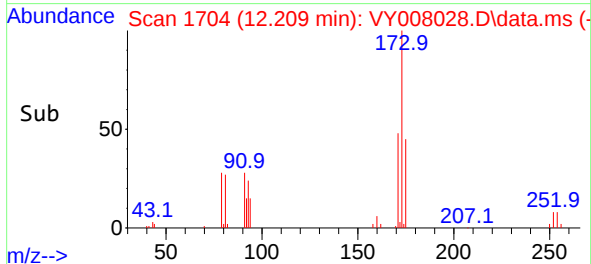
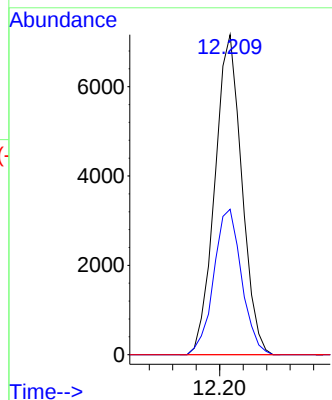
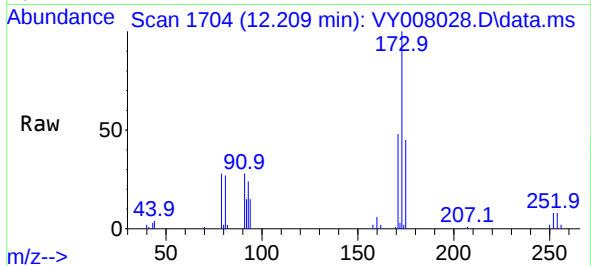
#71
Bromoform
Concen: 7.460 ug/l
RT: 12.209 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008028.D
Acq: 25 Mar 2022 16:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:173 Resp: 1140
Ion Ratio Lower Upper
173 100
175 47.0 24.6 74.0
254 0.0 0.0 0.0

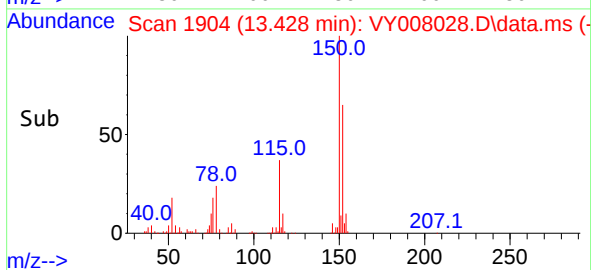
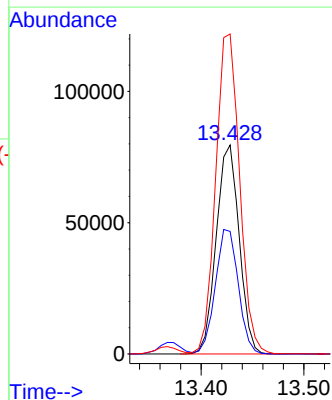
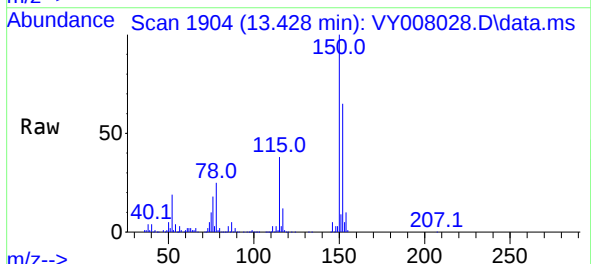
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY008028.D
Acq: 25 Mar 2022 16:11

Tgt Ion:152 Resp: 123263
Ion Ratio Lower Upper
152 100
115 59.7 28.2 84.7
150 159.6 0.0 347.6





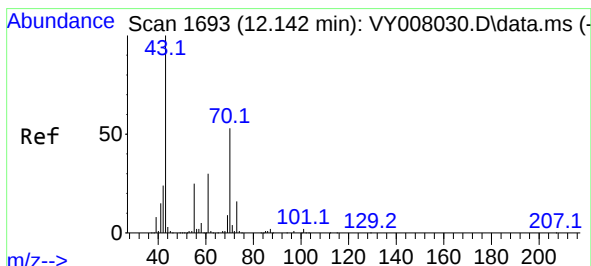
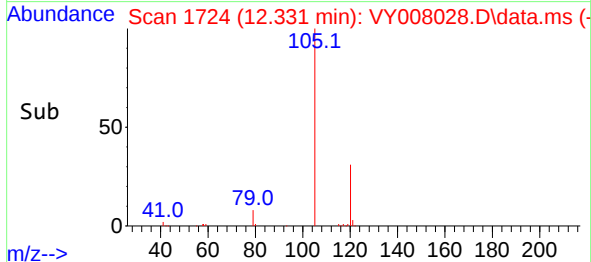
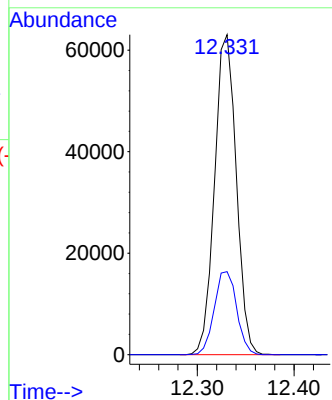
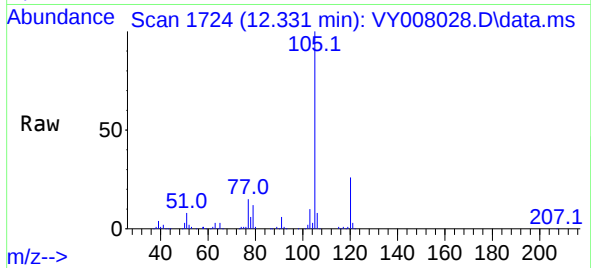
#73
Isopropylbenzene
Concen: 9.218 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY008028.D
Acq: 25 Mar 2022 16:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:105 Resp: 9813
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.2

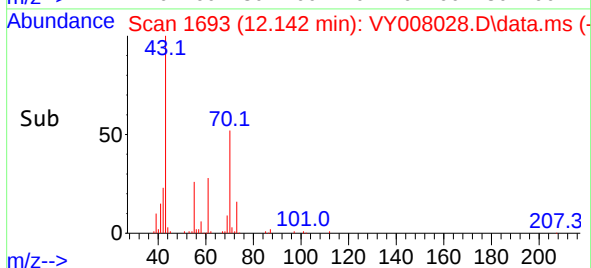
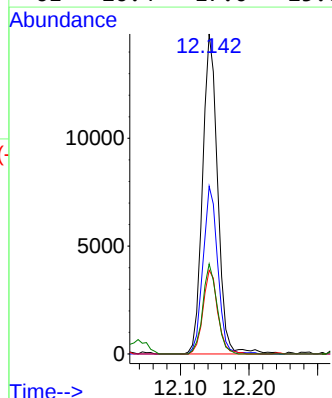
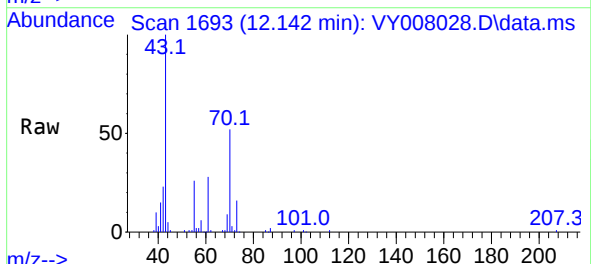
Manual Integrations
APPROVED

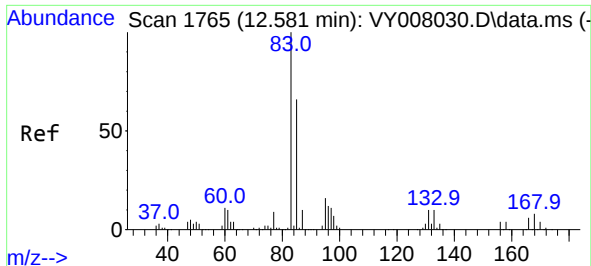
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#74
N-ethyl acetate
Concen: 7.098 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY008028.D
Acq: 25 Mar 2022 16:11

Tgt Ion: 43 Resp: 22804
Ion Ratio Lower Upper
43 100
70 51.0 28.7 43.1#
55 25.3 17.3 25.9
61 26.4 17.0 25.6#





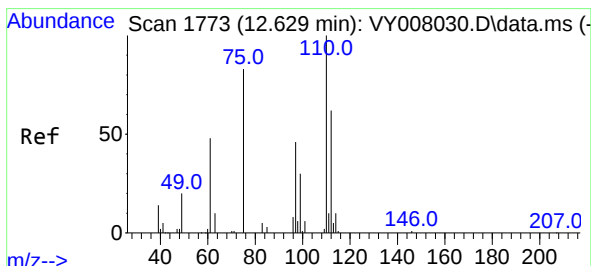
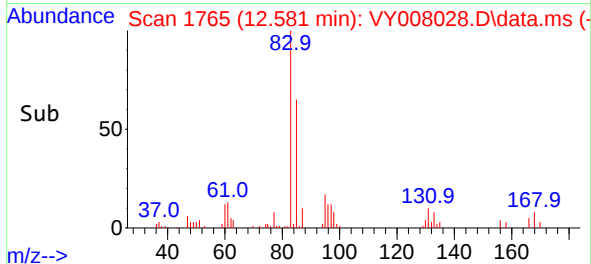
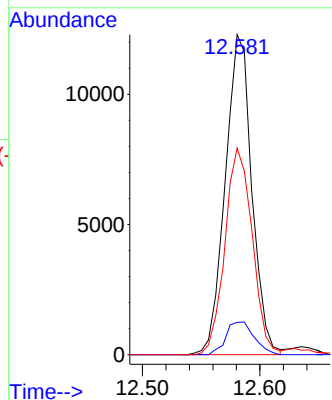
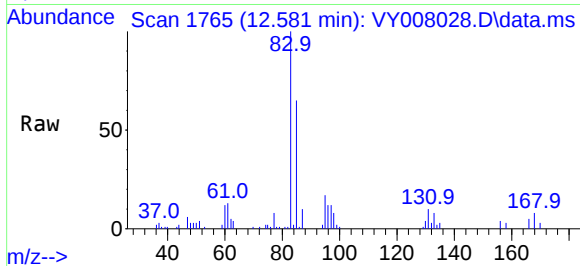
#75
1,1,2,2-Tetrachloroethane
Concen: 7.817 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY008028.D
Acq: 25 Mar 2022 16:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 83 Resp: 19350
Ion Ratio Lower Upper
83 100
131 10.9 5.6 16.8
85 66.2 32.3 96.8

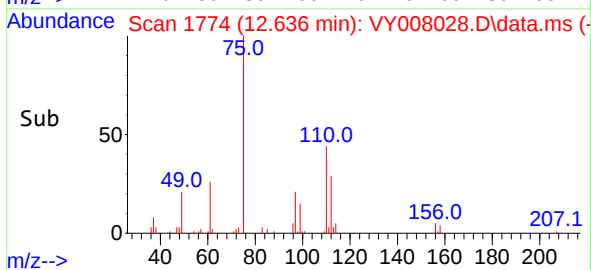
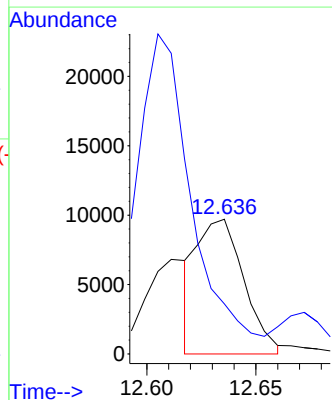
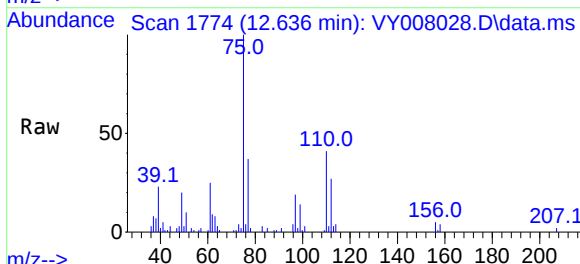
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#76
1,2,3-Trichloropropane
Concen: 4.883 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. 0.006 min
Lab File: VY008028.D
Acq: 25 Mar 2022 16:11

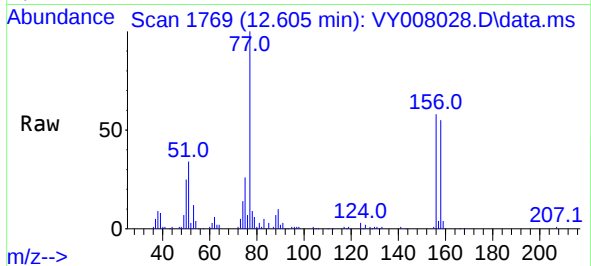
Tgt Ion: 75 Resp: 14548
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 8.685 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY008028.D
Acq: 25 Mar 2022 16:11

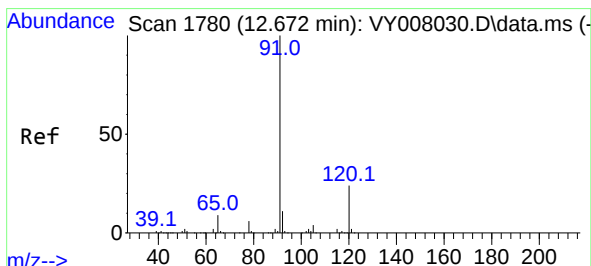
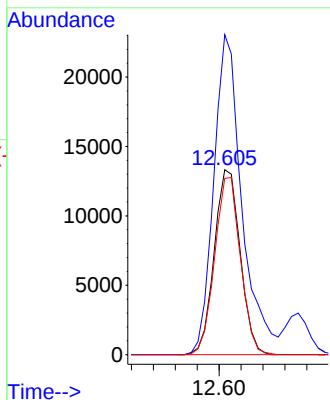
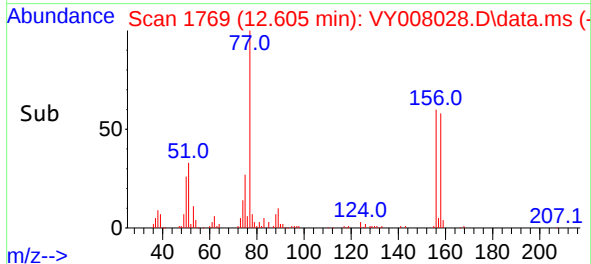
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



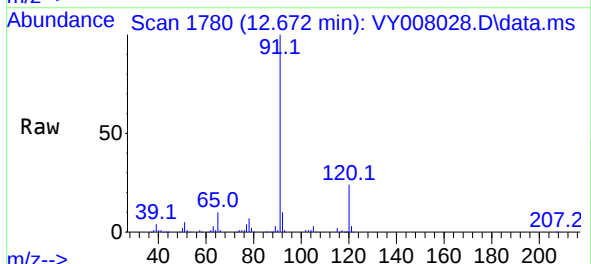
Tgt Ion: 156 Resp: 2189
Ion Ratio Lower Upper
156 100
77 188.1 95.5 286.4
158 95.1 48.0 144.0

Manual Integrations
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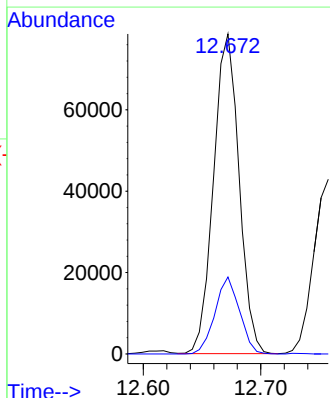
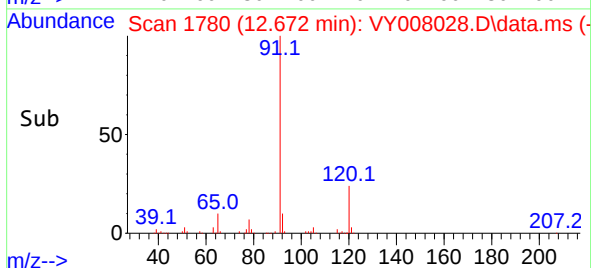
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#78
n-propylbenzene
Concen: 9.220 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY008028.D
Acq: 25 Mar 2022 16:11



Tgt Ion: 91 Resp: 118554
Ion Ratio Lower Upper
91 100
120 23.1 11.3 33.9





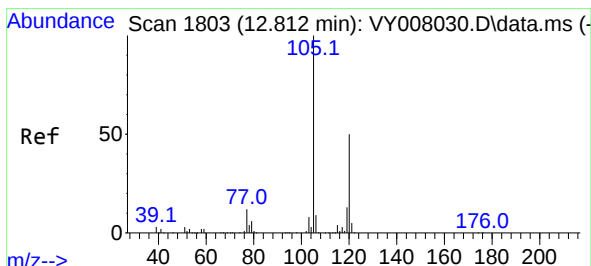
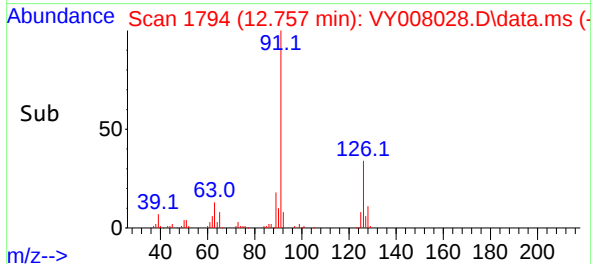
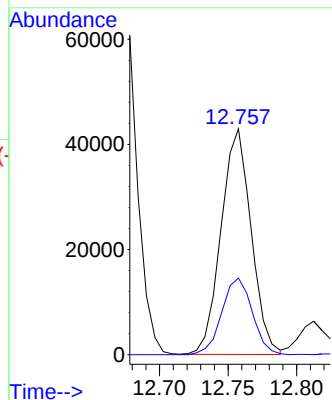
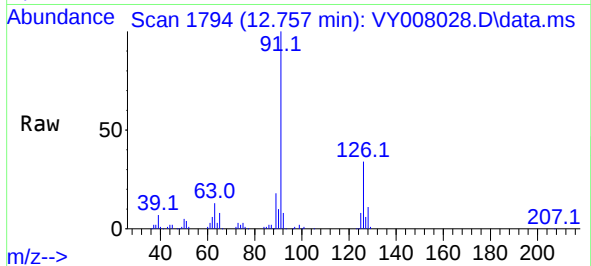
#79
2-Chlorotoluene
Concen: 8.933 ug/l
RT: 12.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008028.D
Acq: 25 Mar 2022 16:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 65608
Ion Ratio Lower Upper
91 100
126 34.3 16.9 50.6

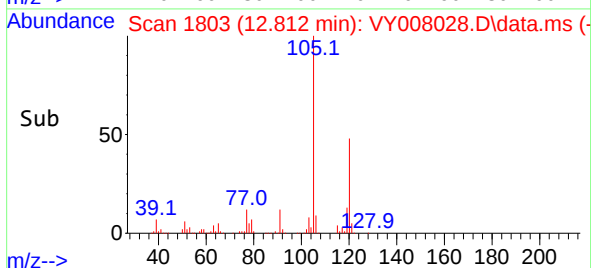
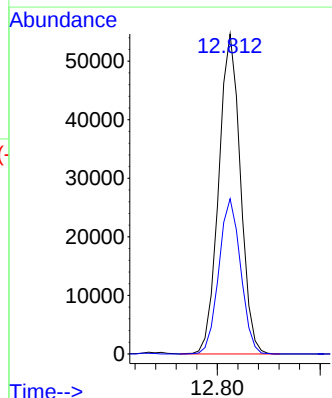
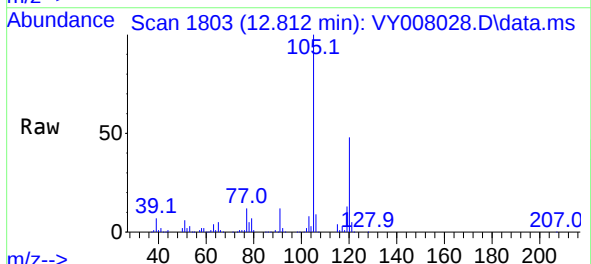
Manual Integrations
APPROVED

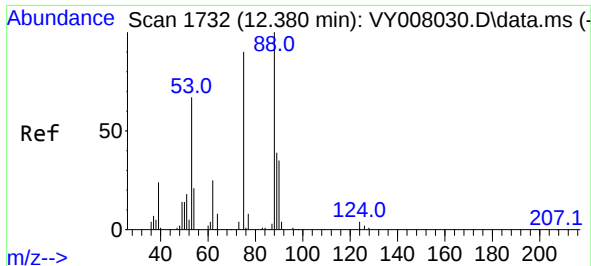
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#80
1,3,5-Trimethylbenzene
Concen: 9.075 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY008028.D
Acq: 25 Mar 2022 16:11

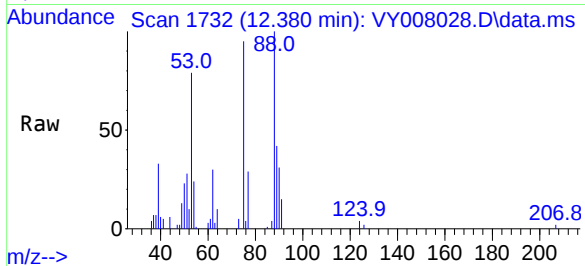
Tgt Ion:105 Resp: 79867
Ion Ratio Lower Upper
105 100
120 48.7 24.4 73.4





#81
trans-1,4-Dichloro-2-butene
Concen: 7.472 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY008028.D
Acq: 25 Mar 2022 16:11

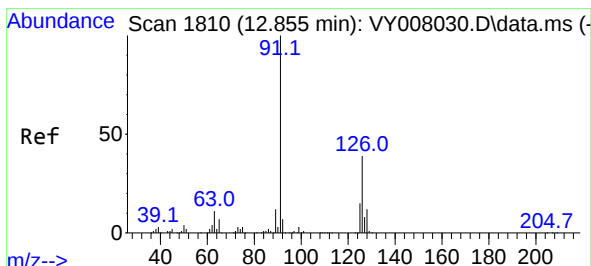
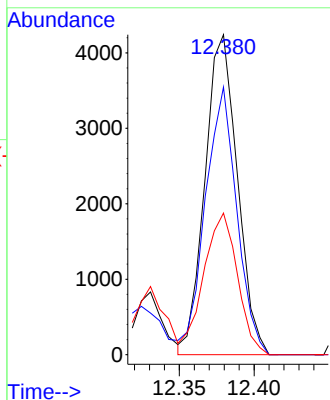
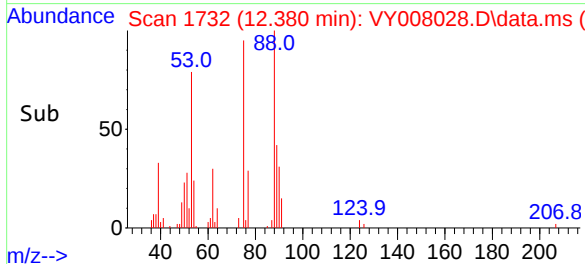
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



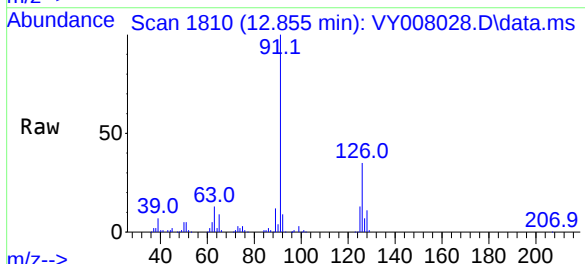
Tgt Ion: 75 Resp: 639
Ion Ratio Lower Upper
75 100
53 81.3 85.3 127.9
89 46.3 37.0 55.4

Manual Integrations
APPROVED

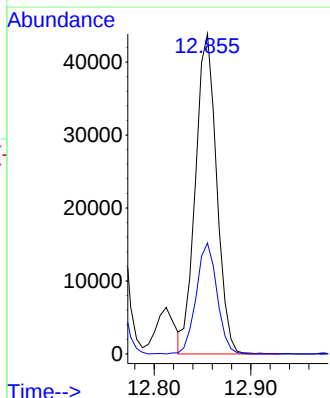
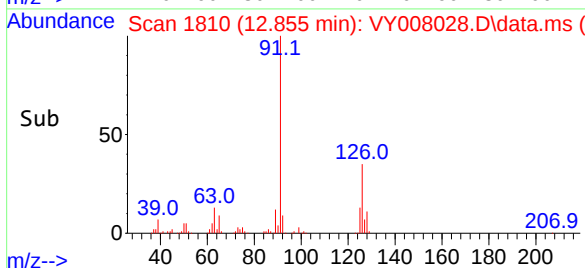
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

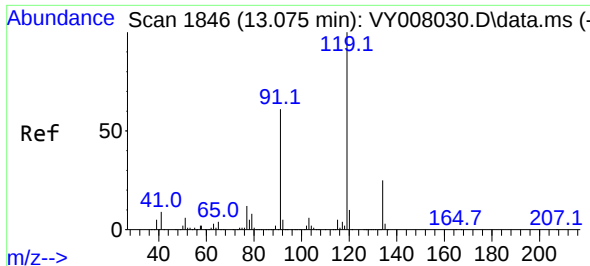


#82
4-Chlorotoluene
Concen: 8.802 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY008028.D
Acq: 25 Mar 2022 16:11



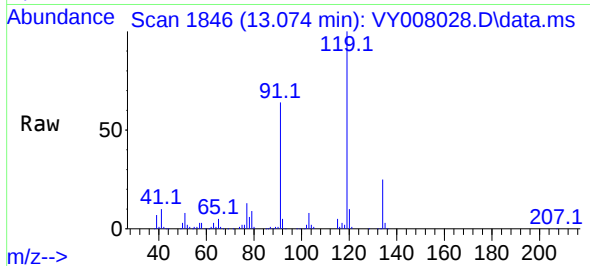
Tgt Ion: 91 Resp: 66709
Ion Ratio Lower Upper
91 100
126 34.2 17.0 51.0





#83
tert-Butylbenzene
Concen: 9.449 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY008028.D
Acq: 25 Mar 2022 16:11

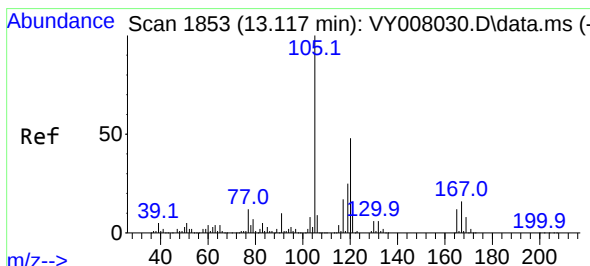
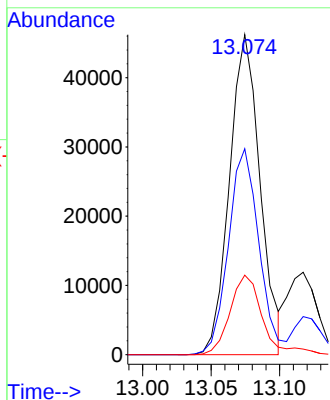
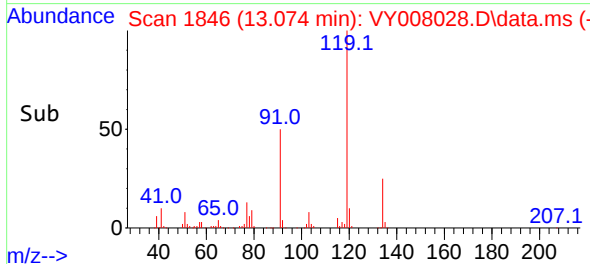
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



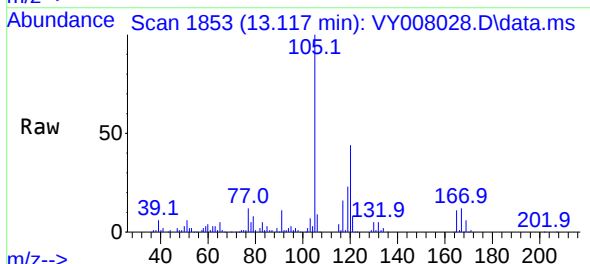
Tgt Ion:119 Resp: 71928
Ion Ratio Lower Upper
119 100
91 64.4 34.8 104.4
134 26.3 13.3 39.9

Manual Integrations
APPROVED

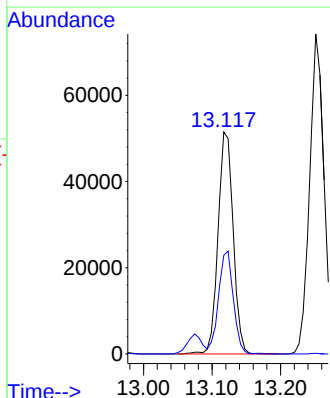
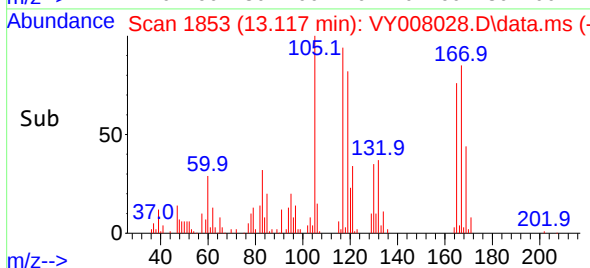
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

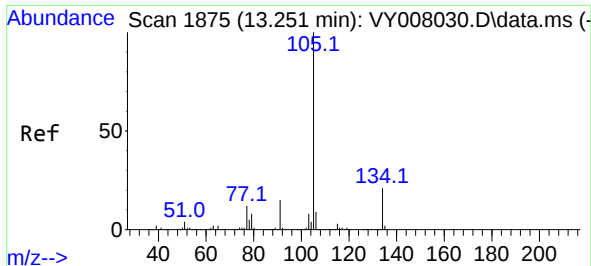


#84
1,2,4-Trimethylbenzene
Concen: 9.055 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VY008028.D
Acq: 25 Mar 2022 16:11



Tgt Ion:105 Resp: 78758
Ion Ratio Lower Upper
105 100
120 45.1 22.3 66.9





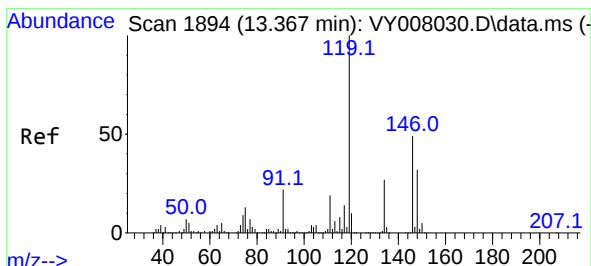
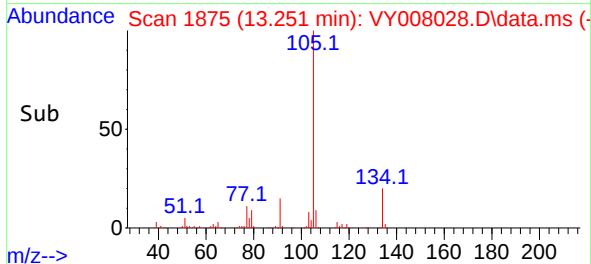
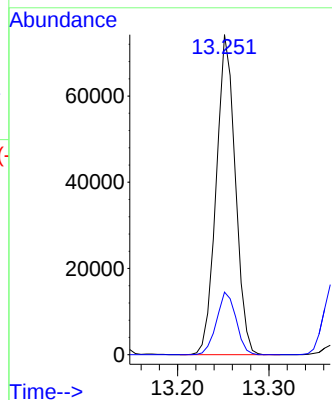
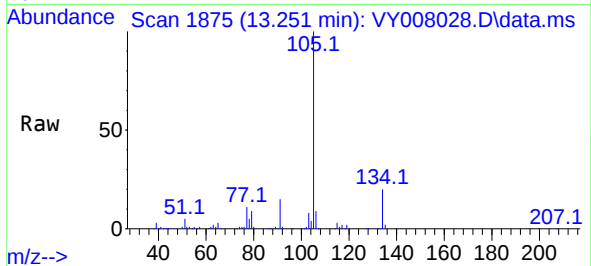
#85
 sec-Butylbenzene
 Concen: 9.385 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VY008028.D
 Acq: 25 Mar 2022 16:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tgt Ion:105 Resp: 107710
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.2 30.4

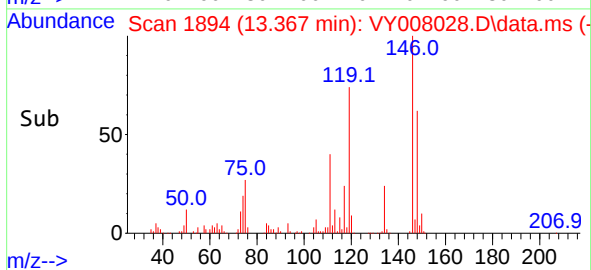
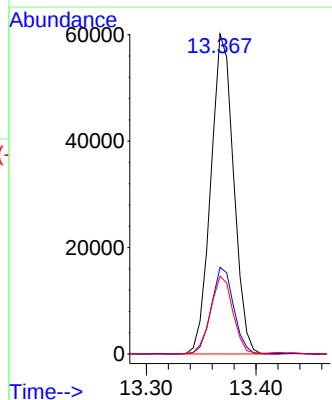
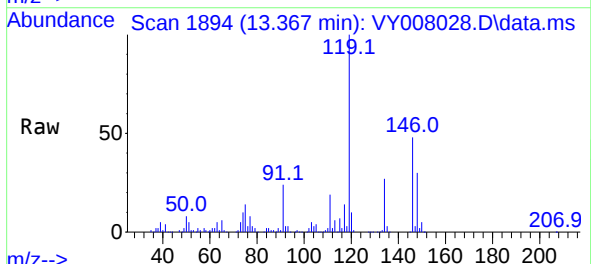
Manual Integrations
 APPROVED

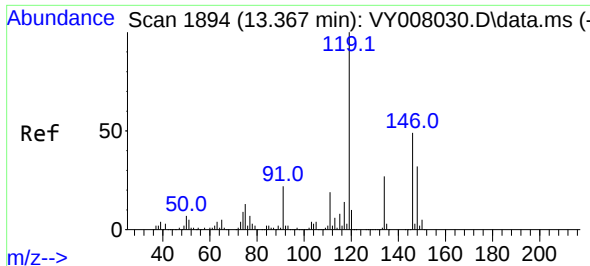
Reviewed By :John Carlone 03/26/2022
 Supervised By :Mahesh Dadoda 03/28/2022



#86
 p-Isopropyltoluene
 Concen: 9.246 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY008028.D
 Acq: 25 Mar 2022 16:11

Tgt Ion:119 Resp: 86859
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.2 39.5
 91 23.9 12.4 37.2





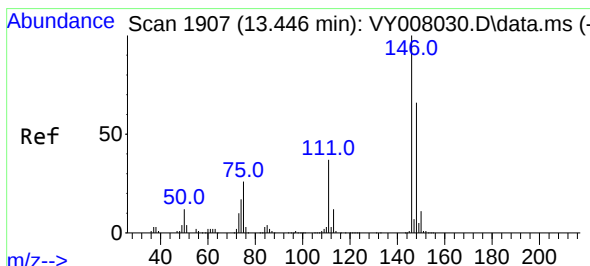
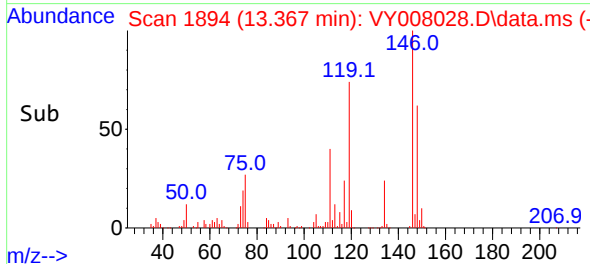
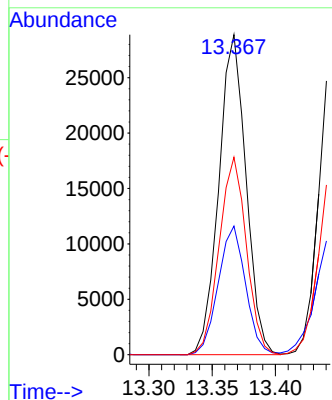
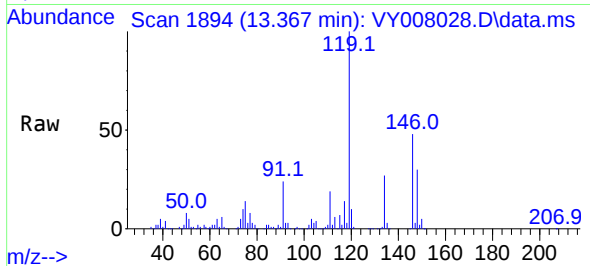
#87
1,3-Dichlorobenzene
Concen: 8.756 ug/l
RT: 13.367 min Scan# 1191
Delta R.T. -0.000 min
Lab File: VY008028.D
Acq: 25 Mar 2022 16:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:146 Resp: 4311
Ion Ratio Lower Upper
146 100
111 40.6 19.5 58.5
148 61.8 31.6 95.0

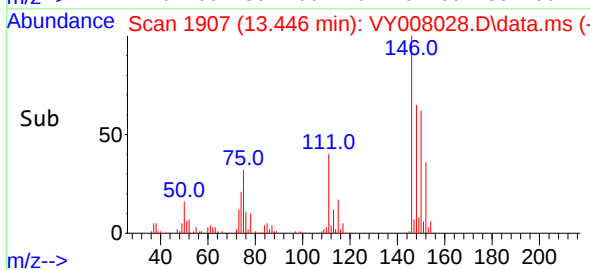
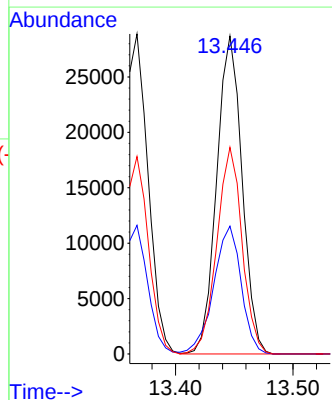
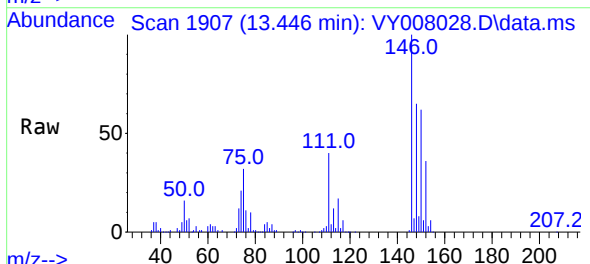
Manual Integrations
APPROVED

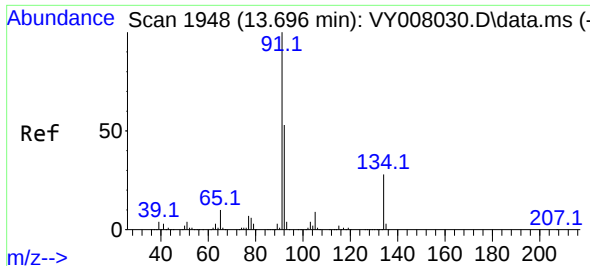
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#88
1,4-Dichlorobenzene
Concen: 8.746 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY008028.D
Acq: 25 Mar 2022 16:11

Tgt Ion:146 Resp: 43145
Ion Ratio Lower Upper
146 100
111 43.6 19.3 57.8
148 64.8 32.6 97.8





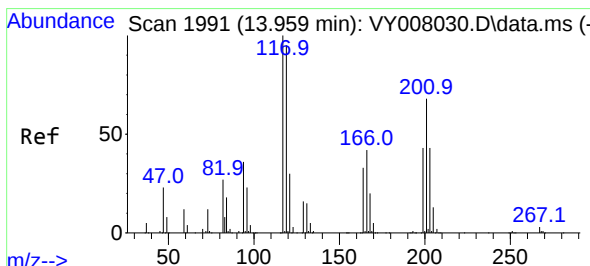
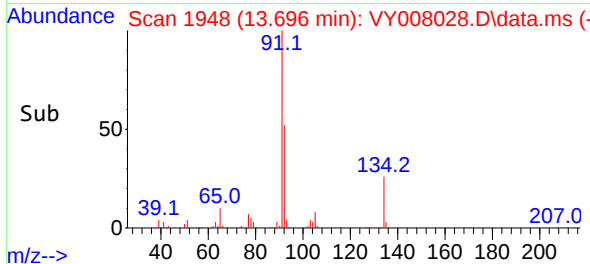
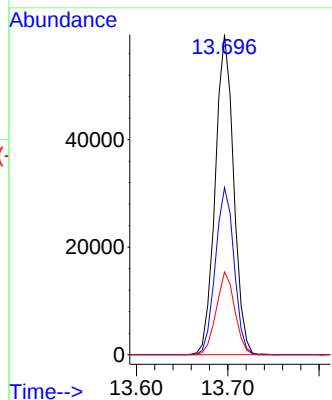
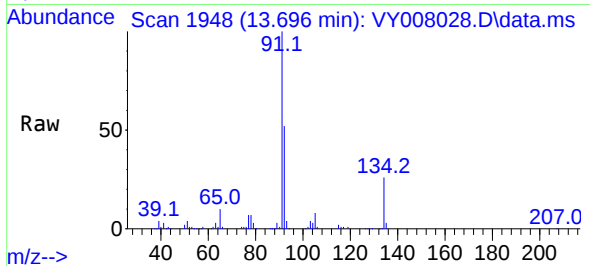
#89
n-Butylbenzene
Concen: 9.278 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY008028.D
Acq: 25 Mar 2022 16:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 83379
Ion Ratio Lower Upper
91 100
92 52.9 26.3 78.9
134 26.0 13.0 38.9

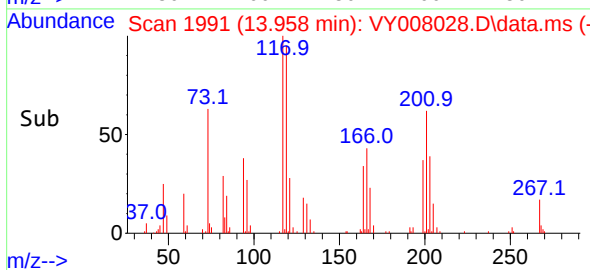
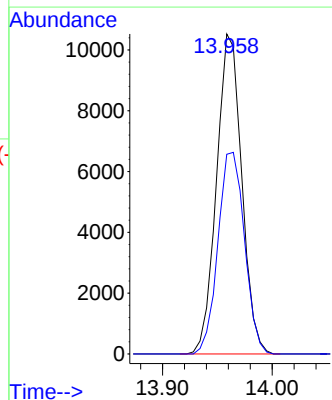
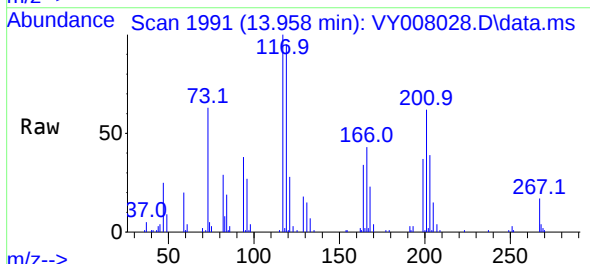
Manual Integrations
APPROVED

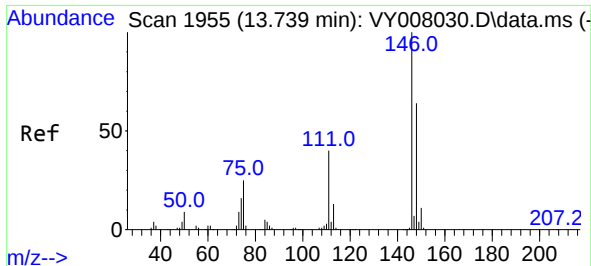
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#90
Hexachloroethane
Concen: 9.215 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY008028.D
Acq: 25 Mar 2022 16:11

Tgt Ion:117 Resp: 16825
Ion Ratio Lower Upper
117 100
201 66.3 43.0 128.8





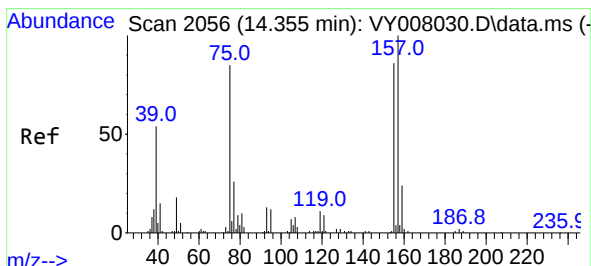
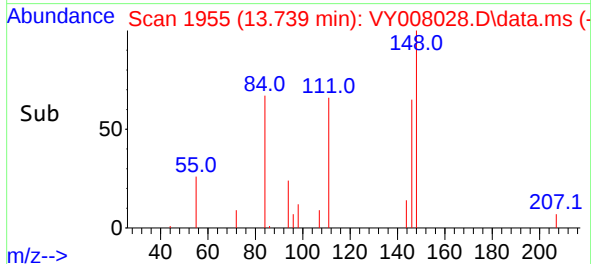
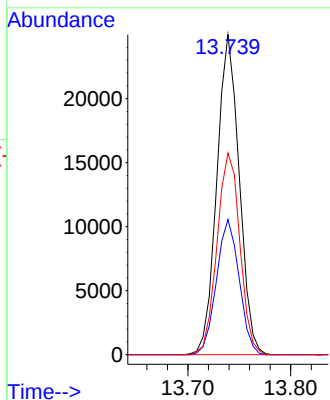
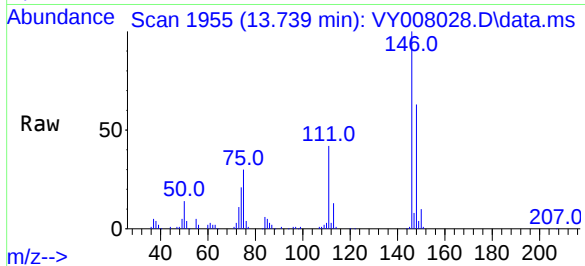
#91
1,2-Dichlorobenzene
Concen: 8.473 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY008028.D
Acq: 25 Mar 2022 16:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:146 Resp: 3775
Ion Ratio Lower Upper
146 100
111 42.9 20.3 60.9
148 64.3 32.3 96.9

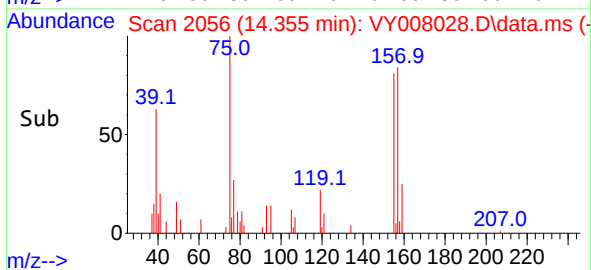
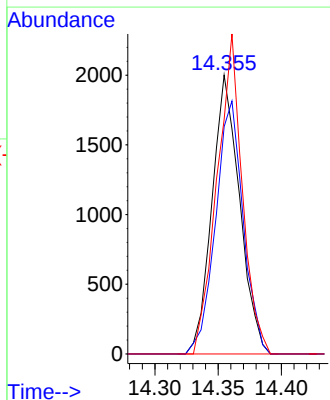
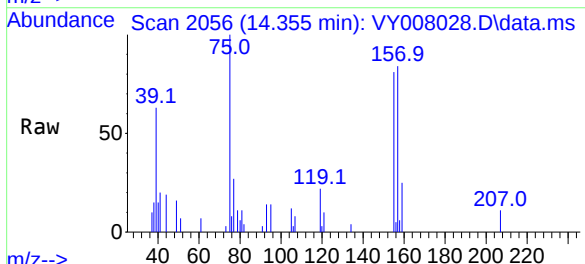
Manual Integrations
APPROVED

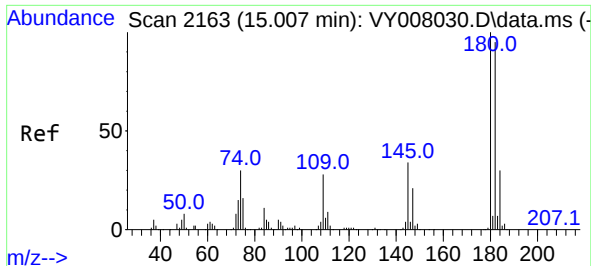
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 7.527 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY008028.D
Acq: 25 Mar 2022 16:11

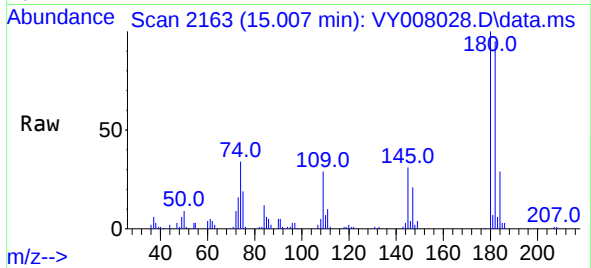
Tgt Ion: 75 Resp: 3038
Ion Ratio Lower Upper
75 100
155 90.3 38.0 113.9
157 104.7 47.8 143.3





#93
1,2,4-Trichlorobenzene
Concen: 8.185 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. -0.000 min
Lab File: VY008028.D
Acq: 25 Mar 2022 16:11

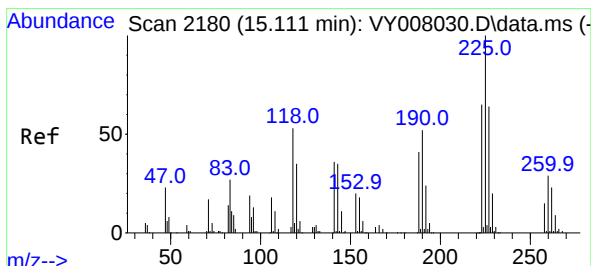
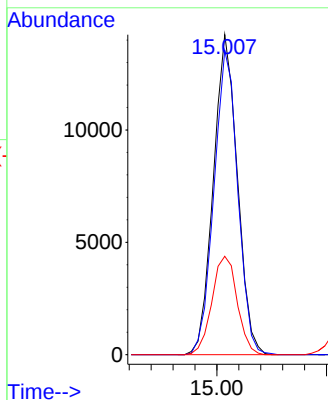
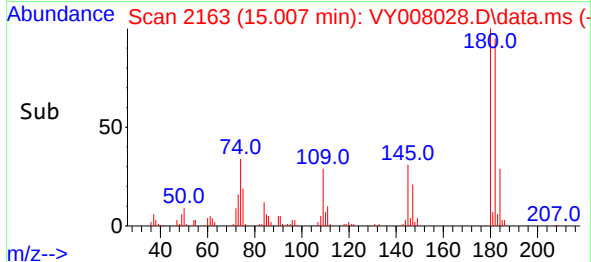
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



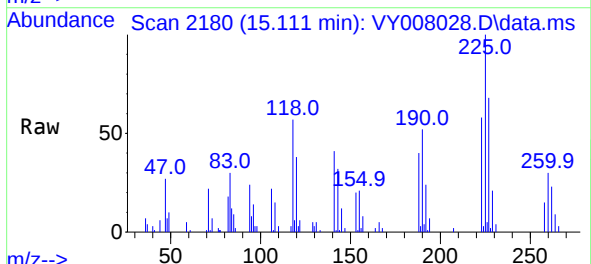
Tgt Ion:180 Resp: 21659
Ion Ratio Lower Upper
180 100
182 94.2 47.3 141.9
145 32.3 14.6 43.8

Manual Integrations
APPROVED

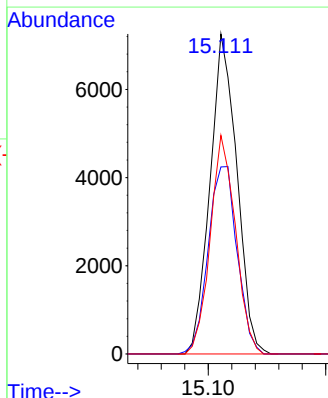
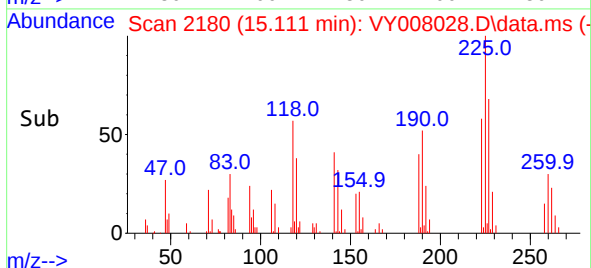
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#94
Hexachlorobutadiene
Concen: 9.037 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY008028.D
Acq: 25 Mar 2022 16:11



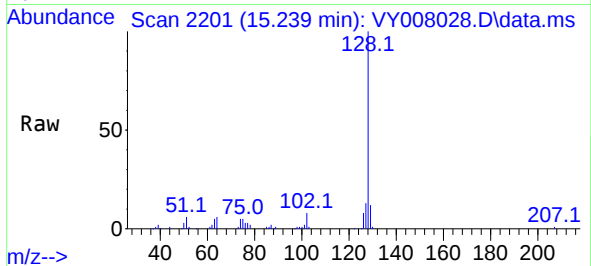
Tgt Ion:225 Resp: 11502
Ion Ratio Lower Upper
225 100
223 63.3 30.8 92.3
227 64.4 31.6 94.7





#95
Naphthalene
Concen: 7.507 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY008028.D
Acq: 25 Mar 2022 16:11

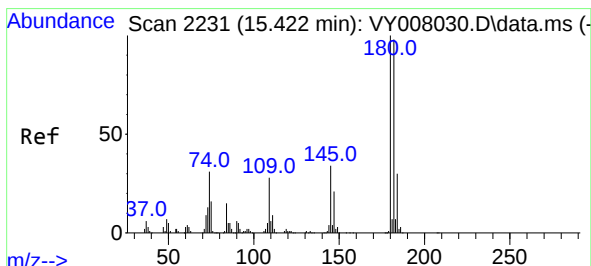
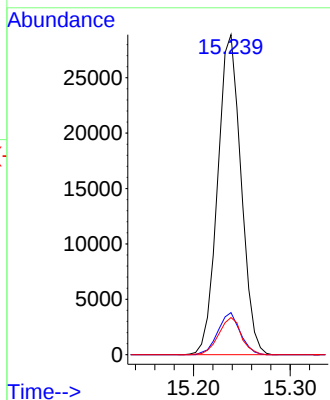
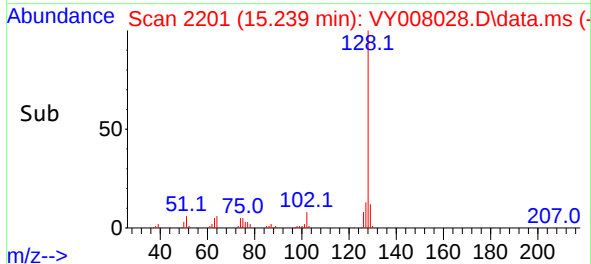
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



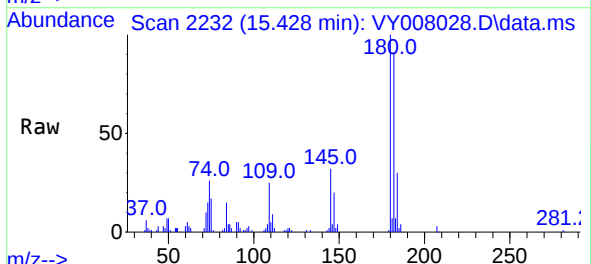
Tgt Ion:128 Resp: 48379
Ion Ratio Lower Upper
128 100
127 12.6 11.0 16.4
129 11.3 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#96
1,2,3-Trichlorobenzene
Concen: 8.211 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.006 min
Lab File: VY008028.D
Acq: 25 Mar 2022 16:11



Tgt Ion:180 Resp: 19044
Ion Ratio Lower Upper
180 100
182 92.5 47.3 141.9
145 32.8 15.3 45.9

