

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051922\
 Data File : VY008881.D
 Acq On : 19 May 2022 20:28
 Operator : KP/MD
 Sample : N2868-17MS
 Misc : 5.22g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P022-SS002-0006-01MS

Quant Time: May 20 02:54:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 07:32:50 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	89579	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	153554	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	140919	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	64784	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	51103	61.494	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 122.980%			
35) Dibromofluoromethane	7.716	113	44164	49.225	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.460%			
50) Toluene-d8	10.179	98	174517	44.157	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 88.320%			
62) 4-Bromofluorobenzene	12.483	95	51896	37.409	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 74.820%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	28612	51.538	ug/l	91
3) Chloromethane	2.113	50	48334	62.163	ug/l	97
4) Vinyl Chloride	2.247	62	74041	63.022	ug/l	100
5) Bromomethane	2.650	94	65457	63.255	ug/l	98
6) Chloroethane	2.790	64	53751	59.204	ug/l	94
7) Trichlorofluoromethane	3.125	101	63264	53.027	ug/l	99
8) Diethyl Ether	3.528	74	23092	58.180	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.893	101	37357	50.682	ug/l	93
10) Methyl Iodide	4.095	142	29236	31.502	ug/l	92
11) Tert butyl alcohol	4.942	59	23318	253.882	ug/l #	93
12) 1,1-Dichloroethene	3.869	96	34844	45.841	ug/l	88
13) Acrolein	3.729	56	1083	23.836	ug/l	96
14) Allyl chloride	4.479	41	58173	52.030	ug/l #	90
15) Acrylonitrile	5.155	53	63245	234.984	ug/l	98
16) Acetone	3.942	43	56083	308.818	ug/l	91
17) Carbon Disulfide	4.192	76	91250	46.492	ug/l	98
18) Methyl Acetate	4.473	43	76521	137.860	ug/l #	89
19) Methyl tert-butyl Ether	5.222	73	129841	63.425	ug/l	92
20) Methylene Chloride	4.716	84	49206	58.573	ug/l #	83
21) trans-1,2-Dichloroethene	5.210	96	44056	47.270	ug/l	84
22) Diisopropyl ether	6.113	45	139671	58.988	ug/l #	89
23) Vinyl Acetate	6.119	43	89198	53.429	ug/l #	77
24) 1,1-Dichloroethane	6.015	63	85887	54.666	ug/l	99
25) 2-Butanone	6.984	43	94566	271.157	ug/l #	85
26) 2,2-Dichloropropane	6.978	77	73467	49.198	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	54093	52.329	ug/l	88
28) Bromochloromethane	7.332	49	37705	63.300	ug/l #	94
29) Tetrahydrofuran	7.344	42	63723	274.287	ug/l #	87
30) Chloroform	7.503	83	90738	53.866	ug/l	99
31) Cyclohexane	7.783	56	60947	46.194	ug/l	91
32) 1,1,1-Trichloroethane	7.698	97	78541	50.289	ug/l	99
36) 1,1-Dichloropropene	7.917	75	61750	42.973	ug/l	98
37) Ethyl Acetate	7.076	43	13910	16.244	ug/l #	81
38) Carbon Tetrachloride	7.899	117	66905	43.445	ug/l	95
39) Methylcyclohexane	9.179	83	60450	35.474	ug/l	87
40) Benzene	8.161	78	195618	48.652	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	15086m	33.500	ug/l	
42) 1,2-Dichloroethane	8.234	62	65828	55.775	ug/l	91
43) Isopropyl Acetate	8.271	43	46761	32.803	ug/l #	89
44) Trichloroethene	8.941	130	48283	44.145	ug/l	96
45) 1,2-Dichloropropane	9.216	63	51236	53.619	ug/l	92
46) Dibromomethane	9.307	93	34278	54.591	ug/l	94
47) Bromodichloromethane	9.496	83	76603	55.031	ug/l	98
48) Methyl methacrylate	9.295	41	41611	66.479	ug/l #	83
49) 1,4-Dioxane	9.295	88	10083	1069.094	ug/l #	87
51) 4-Methyl-2-Pentanone	10.069	43	236061	280.512	ug/l	92
52) Toluene	10.246	92	131662	48.190	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	76441	52.869	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	79379	50.912	ug/l	91
55) 1,1,2-Trichloroethane	10.642	97	48095	56.327	ug/l	98
56) Ethyl methacrylate	10.508	69	32149	31.034	ug/l #	85
57) 1,3-Dichloropropane	10.789	76	77478	55.185	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	163202	308.941	ug/l	95
59) 2-Hexanone	10.831	43	153108	254.635	ug/l	89
60) Dibromochloromethane	10.984	129	55704	54.344	ug/l	99
61) 1,2-Dibromoethane	11.087	107	44567	52.339	ug/l	98
64) Tetrachloroethene	10.721	164	45297	50.215	ug/l	95
65) Chlorobenzene	11.514	112	130293	45.684	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	55494	53.260	ug/l	97
67) Ethyl Benzene	11.593	91	237146	46.561	ug/l	100
68) m/p-Xylenes	11.703	106	194020	95.620	ug/l	89
69) o-Xylene	12.032	106	92489	49.332	ug/l	92
70) Styrene	12.044	104	151334	47.683	ug/l	95
71) Bromoform	12.209	173	35799	50.612	ug/l #	100
73) Isopropylbenzene	12.331	105	226366	50.948	ug/l	100
74) N-amyl acetate	12.148	43	12325	11.621	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.581	83	61840	62.606	ug/l	97
76) 1,2,3-Trichloropropane	12.636	75	47321m	63.234	ug/l	
77) Bromobenzene	12.611	156	53996	52.448	ug/l	97
78) n-propylbenzene	12.672	91	261039	47.823	ug/l	99
79) 2-Chlorotoluene	12.758	91	144628	48.919	ug/l	96
80) 1,3,5-Trimethylbenzene	12.813	105	180971	50.447	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	18740	54.774	ug/l	88
82) 4-Chlorotoluene	12.855	91	152280	48.756	ug/l	98
83) tert-Butylbenzene	13.075	119	158909	49.255	ug/l	94
84) 1,2,4-Trimethylbenzene	13.123	105	182019	51.253	ug/l	97
85) sec-Butylbenzene	13.258	105	226499	44.998	ug/l	99
86) p-Isopropyltoluene	13.367	119	182626	44.497	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	93674	43.303	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	94300	44.072	ug/l	100
89) n-Butylbenzene	13.697	91	144493	37.090	ug/l	98
90) Hexachloroethane	13.965	117	34960	45.053	ug/l	84
91) 1,2-Dichlorobenzene	13.739	146	86902	45.938	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	9170	54.295	ug/l	85
93) 1,2,4-Trichlorobenzene	15.007	180	30643	29.664	ug/l	99
94) Hexachlorobutadiene	15.111	225	14619	24.593	ug/l	98
95) Naphthalene	15.239	128	86244	37.346	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	27014	29.768	ug/l	99

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

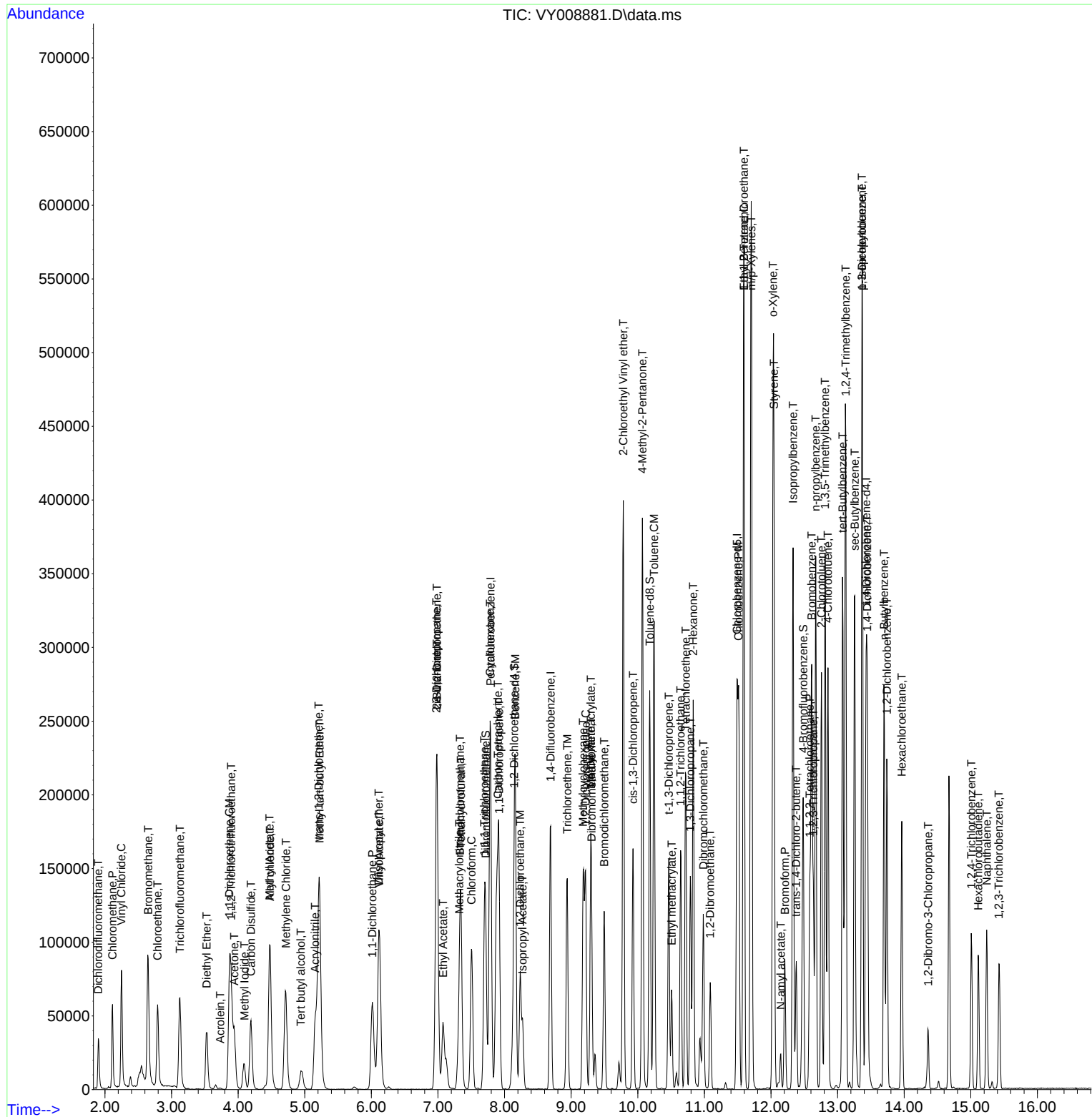
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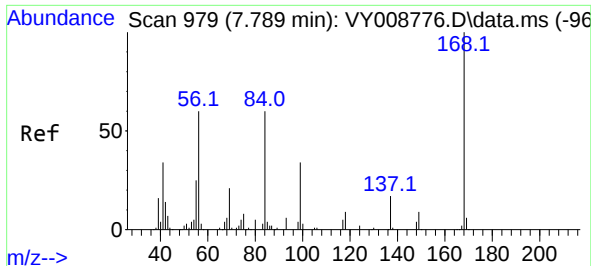
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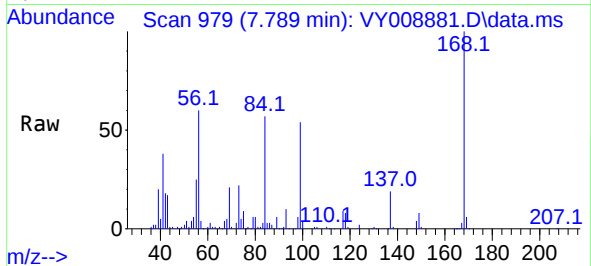
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
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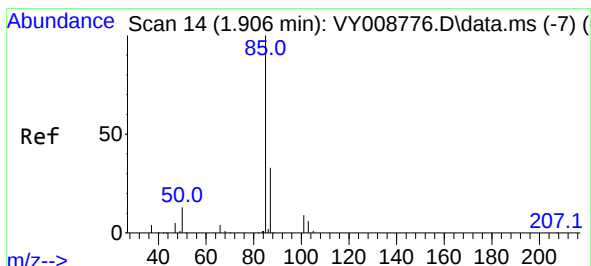
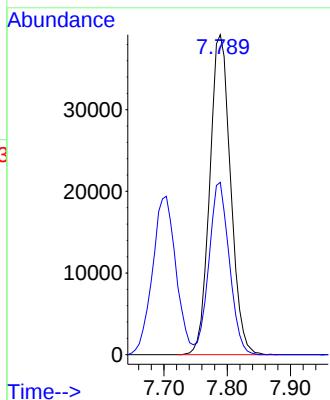
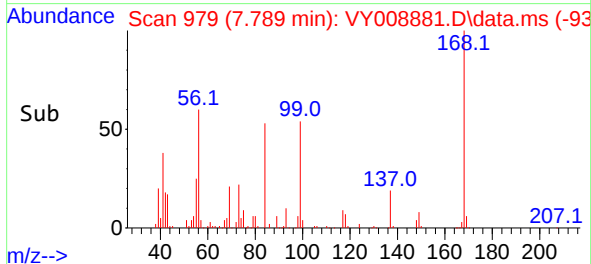
Instrument :
MSVOA_Y
ClientSampleId :
P022-SS002-0006-01MS



Tgt Ion:168 Resp: 89579
Ion Ratio Lower Upper
168 100
99 53.8 46.9 70.3

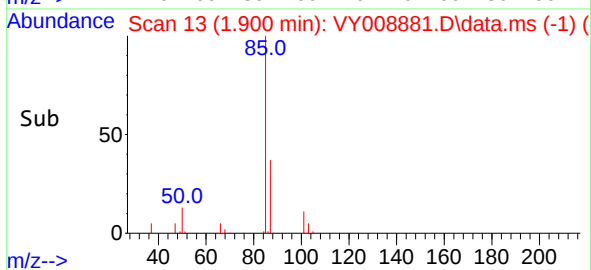
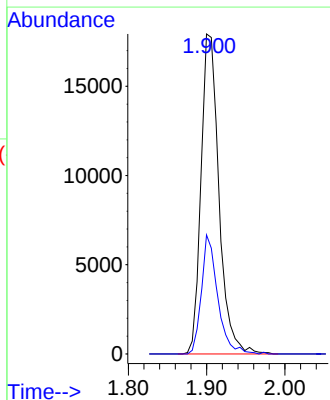
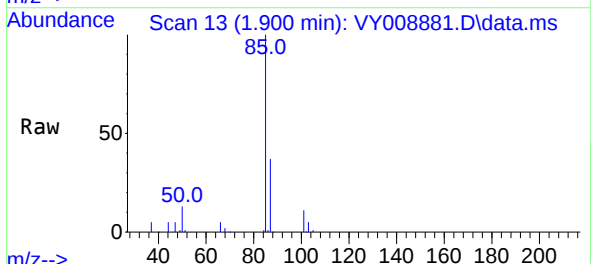
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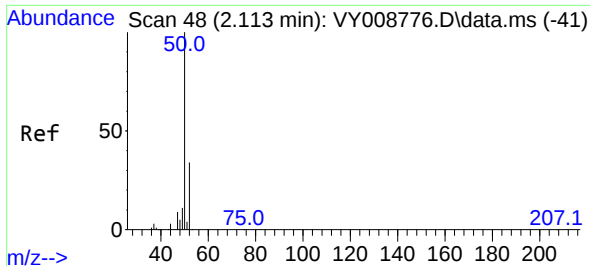
Reviewed By :John Carlone 05/24/2022
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#2
Dichlorodifluoromethane
Concen: 51.538 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY008881.D
Acq: 19 May 2022 20:28

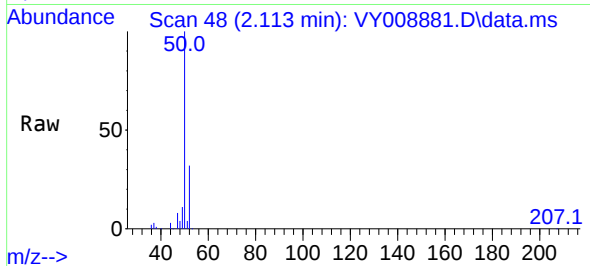
Tgt Ion: 85 Resp: 28612
Ion Ratio Lower Upper
85 100
87 37.2 16.1 48.2





#3
Chloromethane
Concen: 62.163 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008881.D
Acq: 19 May 2022 20:28

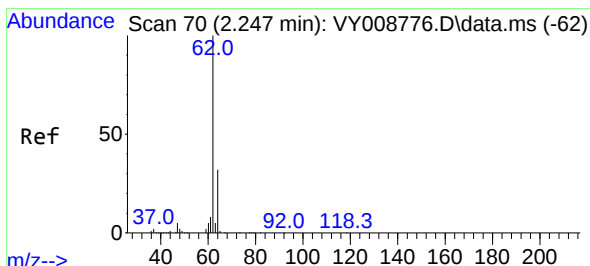
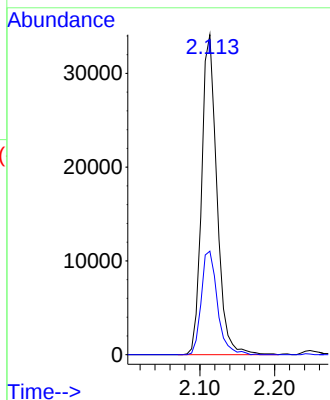
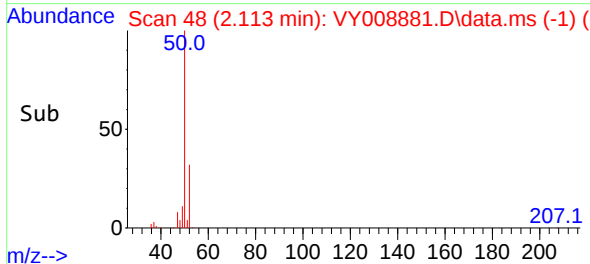
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Tgt Ion: 50 Resp: 48334
Ion Ratio Lower Upper
50 100
52 32.4 24.6 37.0

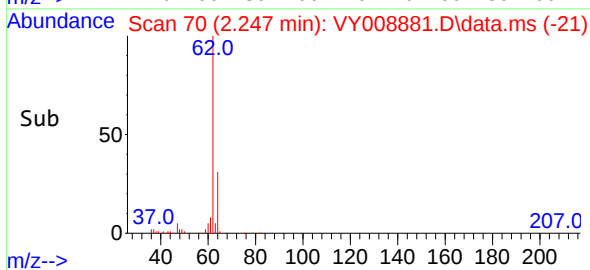
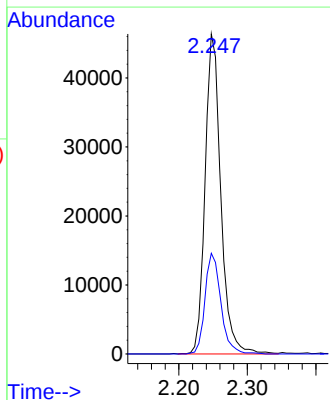
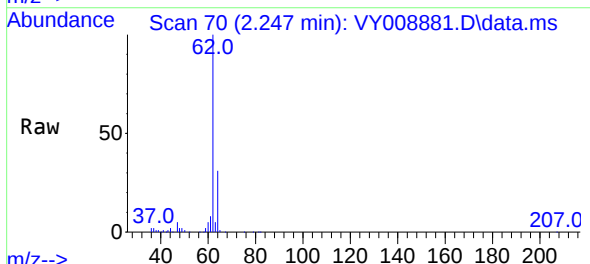
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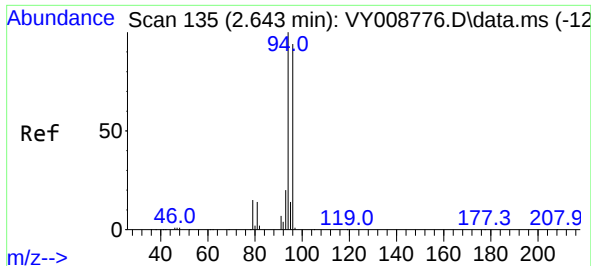
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#4
Vinyl Chloride
Concen: 63.022 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY008881.D
Acq: 19 May 2022 20:28

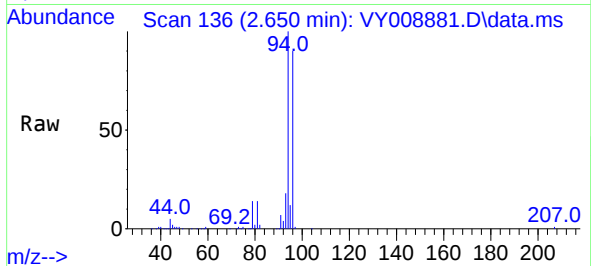
Tgt Ion: 62 Resp: 74041
Ion Ratio Lower Upper
62 100
64 31.5 25.0 37.6





#5
Bromomethane
Concen: 63.255 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY008881.D
Acq: 19 May 2022 20:28

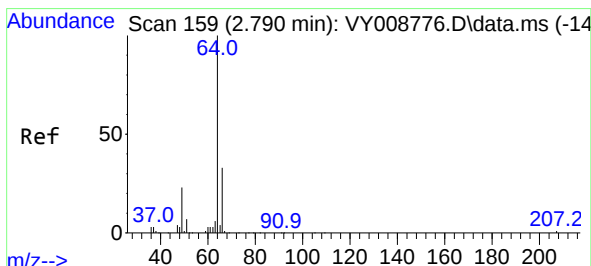
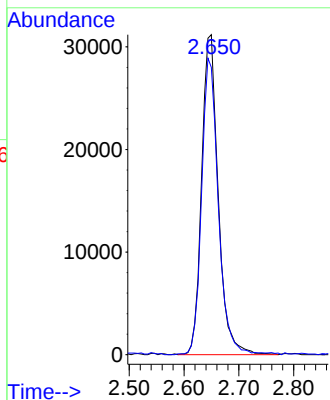
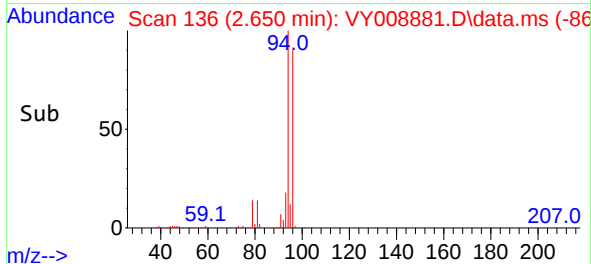
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Tgt Ion: 94 Resp: 6545
Ion Ratio Lower Upper
94 100
96 89.6 73.5 110.3

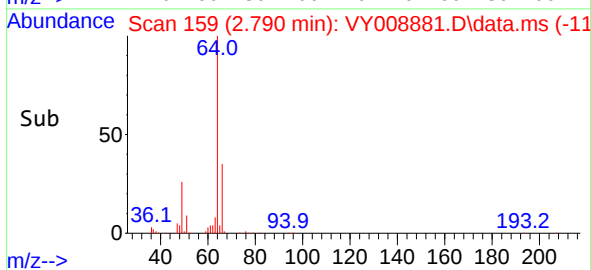
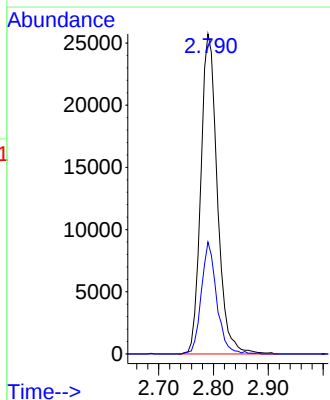
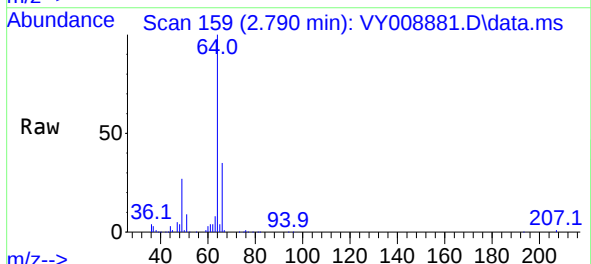
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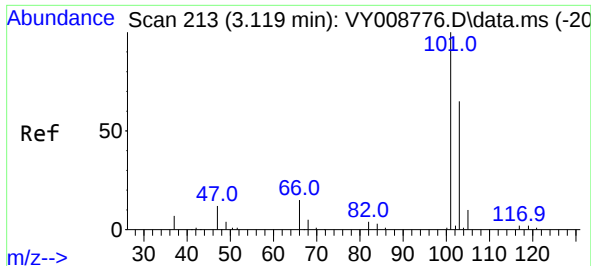
Reviewed By :John Carlone 05/24/2022
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#6
Chloroethane
Concen: 59.204 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY008881.D
Acq: 19 May 2022 20:28

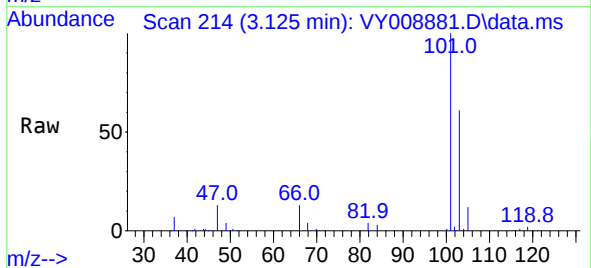
Tgt Ion: 64 Resp: 53751
Ion Ratio Lower Upper
64 100
66 35.0 25.4 38.0





#7
Trichlorofluoromethane
Concen: 53.027 ug/l
RT: 3.125 min Scan# 213
Delta R.T. 0.006 min
Lab File: VY008881.D
Acq: 19 May 2022 20:28

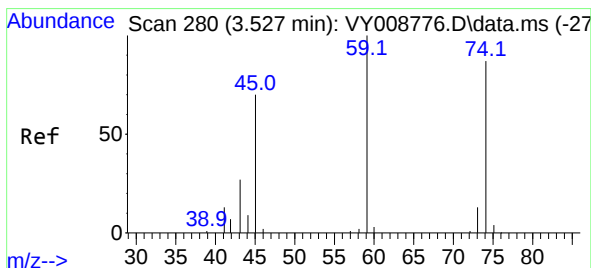
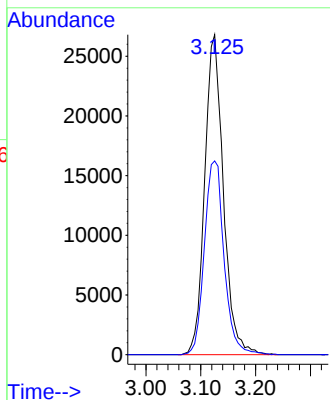
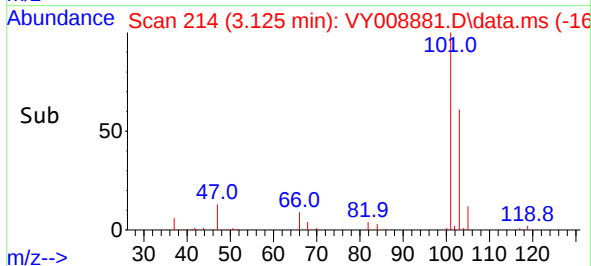
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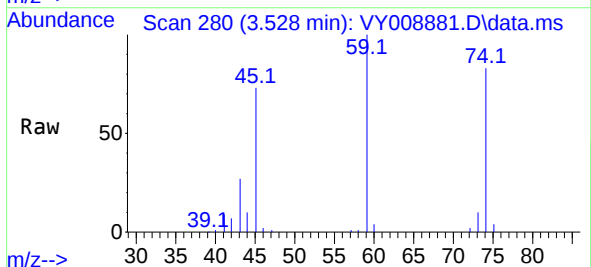
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Ion Ratio Lower Upper
101 100
103 60.6 48.0 72.0

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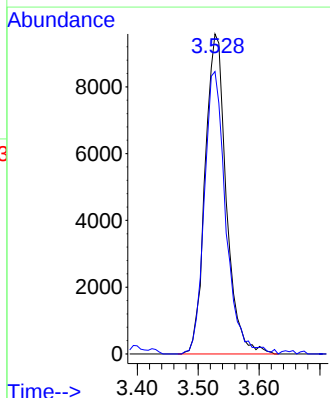
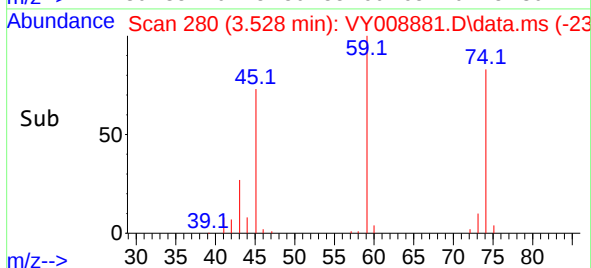
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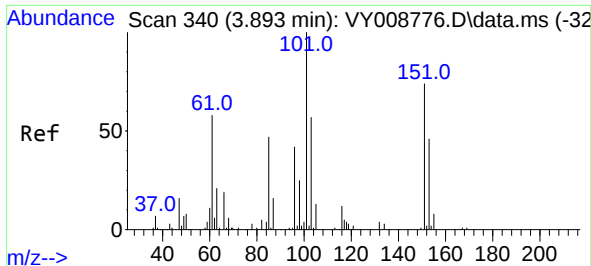


#8
Diethyl Ether
Concen: 58.180 ug/l
RT: 3.528 min Scan# 280
Delta R.T. 0.000 min
Lab File: VY008881.D
Acq: 19 May 2022 20:28



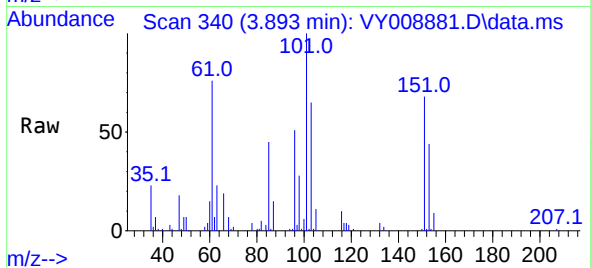
Tgt Ion: 74 Resp: 23092
Ion Ratio Lower Upper
74 100
45 89.5 55.1 165.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.682 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY008881.D
Acq: 19 May 2022 20:28

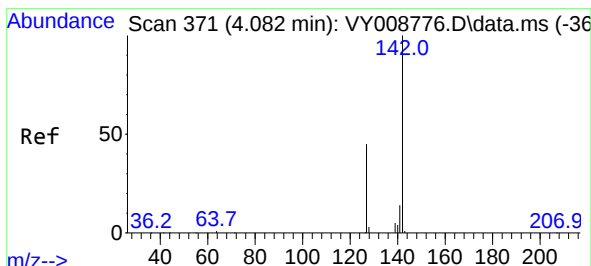
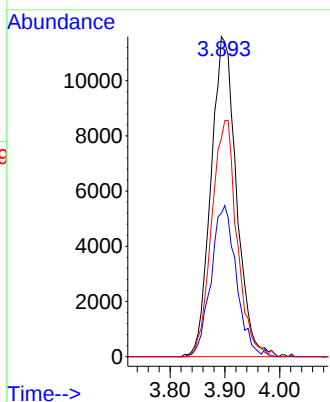
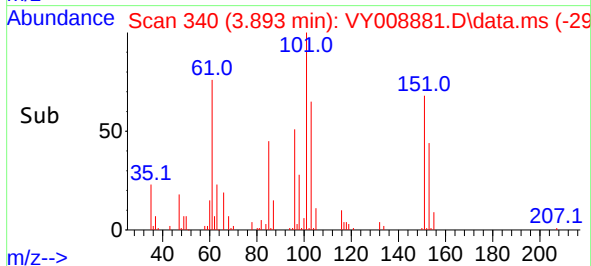
Instrument :
MSVOA_Y
ClientSampleId :
P022-SS002-0006-01MS



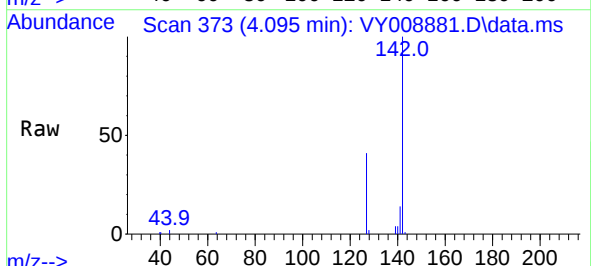
Tgt Ion:101 Resp: 3735
Ion Ratio Lower Upper
101 100
85 46.7 40.6 60.8
151 73.5 64.9 97.3

Manual Integrations
APPROVED

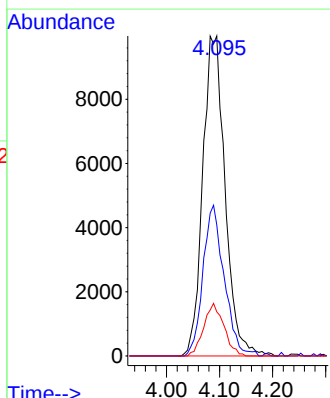
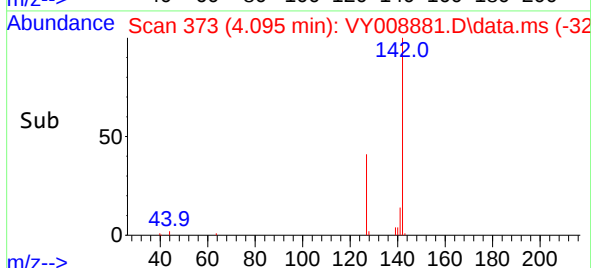
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

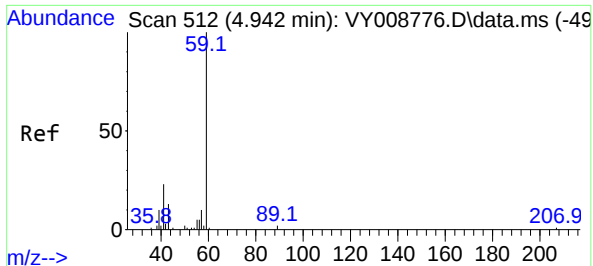


#10
Methyl Iodide
Concen: 31.502 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.012 min
Lab File: VY008881.D
Acq: 19 May 2022 20:28



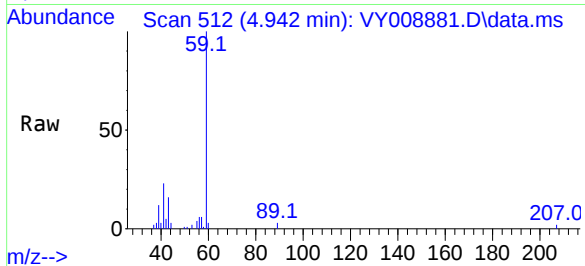
Tgt Ion:142 Resp: 29236
Ion Ratio Lower Upper
142 100
127 44.5 41.5 62.3
141 14.8 11.9 17.9





#11
Tert butyl alcohol
Concen: 253.882 ug/l
RT: 4.942 min Scan# 512
Delta R.T. 0.000 min
Lab File: VY008881.D
Acq: 19 May 2022 20:28

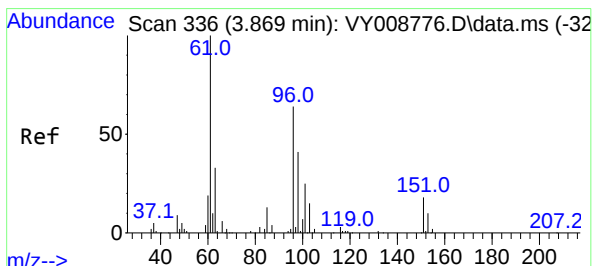
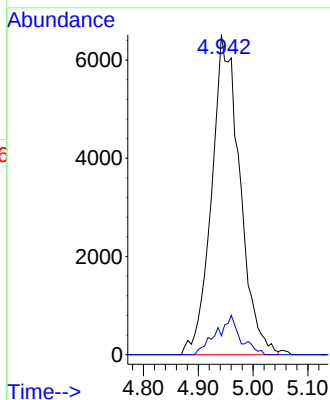
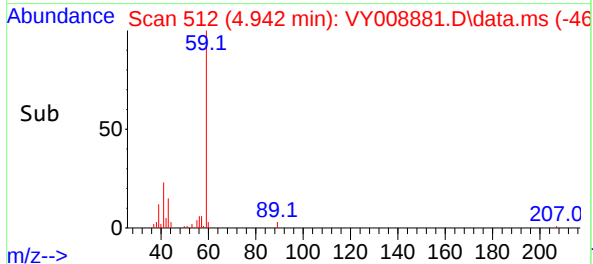
Instrument :
MSVOA_Y
ClientSampleId :
P022-SS002-0006-01MS



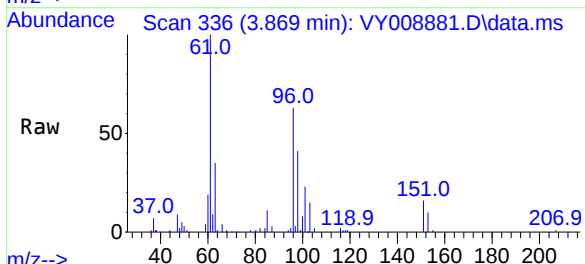
Tgt Ion: 59 Resp: 23318
Ion Ratio Lower Upper
59 100
57 10.4 6.4 9.6

Manual Integrations
APPROVED

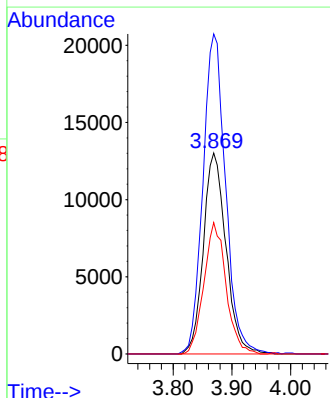
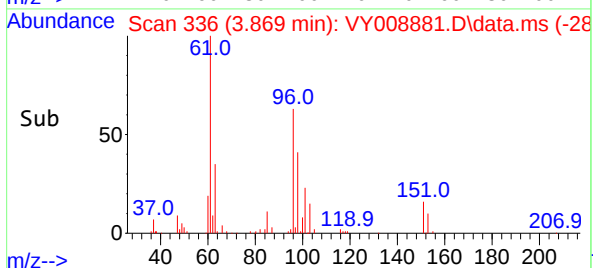
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

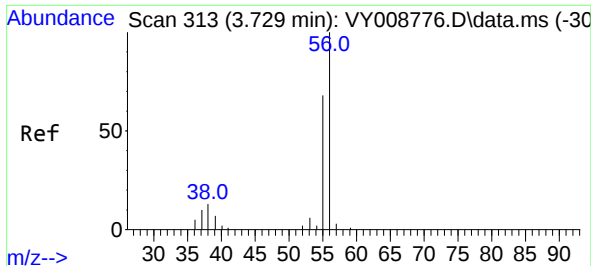


#12
1,1-Dichloroethene
Concen: 45.841 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.000 min
Lab File: VY008881.D
Acq: 19 May 2022 20:28



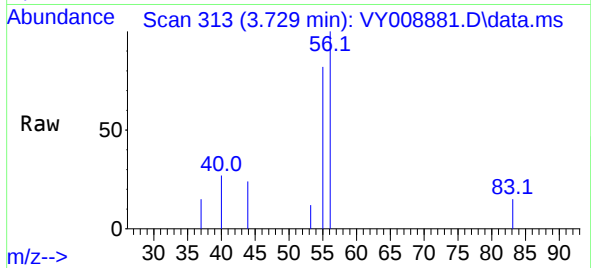
Tgt Ion: 96 Resp: 34844
Ion Ratio Lower Upper
96 100
61 159.2 145.8 218.6
98 65.4 52.5 78.7





#13
Acrolein
Concen: 23.836 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY008881.D
Acq: 19 May 2022 20:28

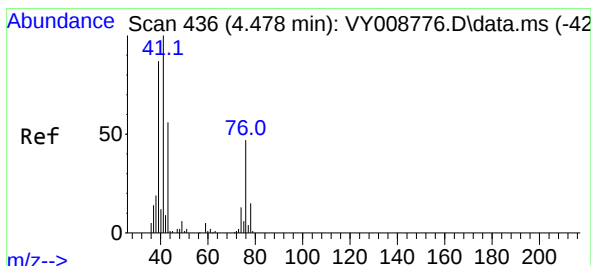
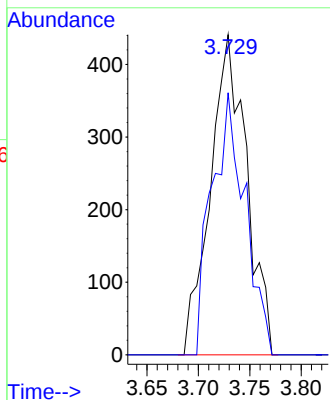
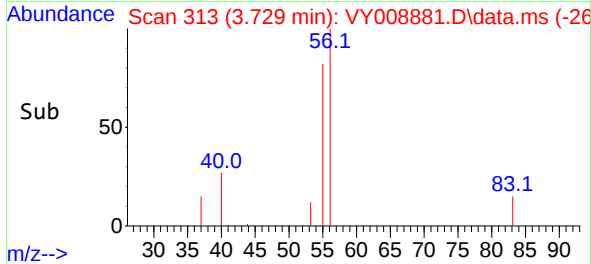
Instrument : MSVOA_Y
ClientSampleId : P022-SS002-0006-01MS



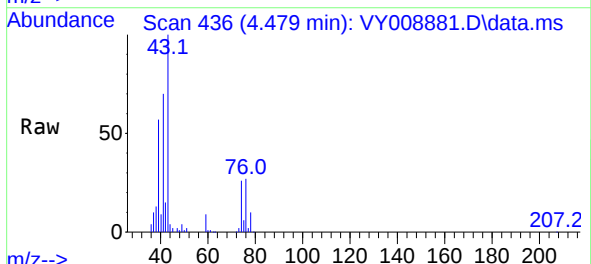
Tgt Ion: 56 Resp: 1083
Ion Ratio Lower Upper
56 100
55 75.2 57.6 86.4

Manual Integrations
APPROVED

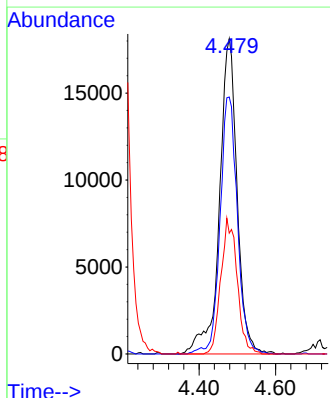
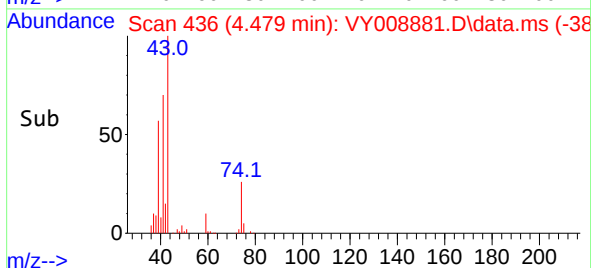
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#14
Allyl chloride
Concen: 52.030 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY008881.D
Acq: 19 May 2022 20:28



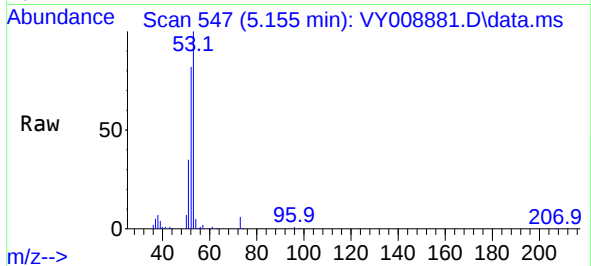
Tgt Ion: 41 Resp: 58173
Ion Ratio Lower Upper
41 100
39 79.9 58.8 88.2
76 39.7 25.1 37.7#





#15
Acrylonitrile
Concen: 234.984 ug/l
RT: 5.155 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY008881.D
Acq: 19 May 2022 20:28

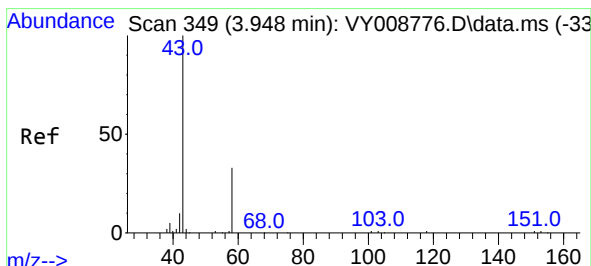
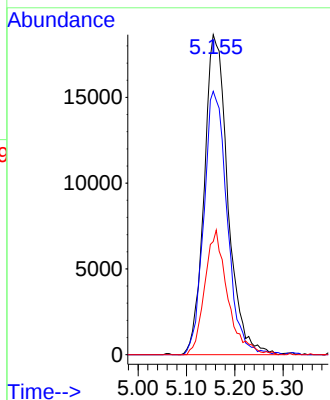
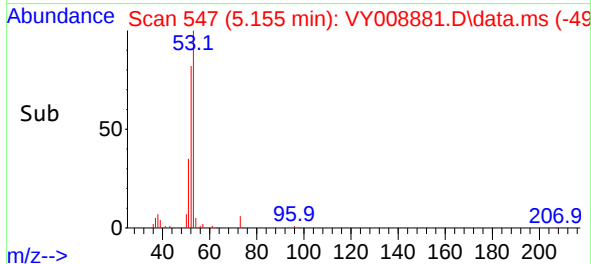
Instrument :
MSVOA_Y
ClientSampleId :
P022-SS002-0006-01MS



Tgt Ion: 53 Resp: 63245
Ion Ratio Lower Upper
53 100
52 81.2 67.0 100.4
51 37.4 29.8 44.6

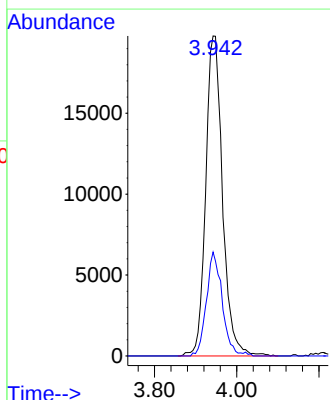
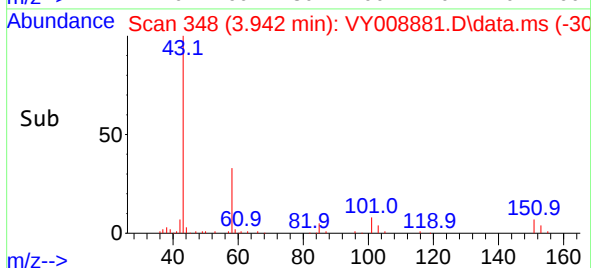
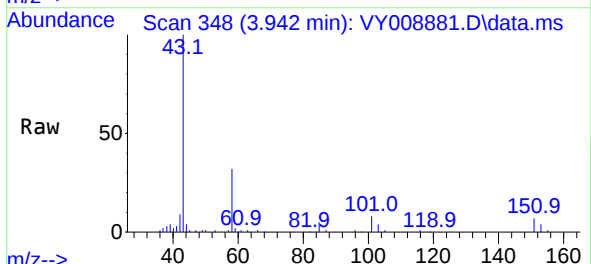
Manual Integrations
APPROVED

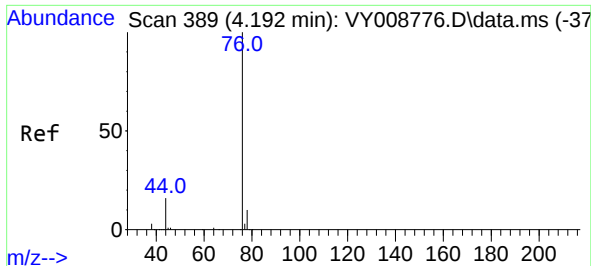
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#16
Acetone
Concen: 308.818 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY008881.D
Acq: 19 May 2022 20:28

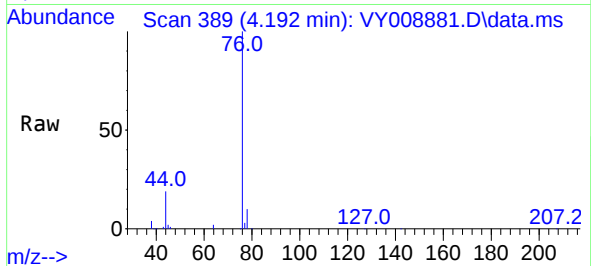
Tgt Ion: 43 Resp: 56083
Ion Ratio Lower Upper
43 100
58 32.5 22.0 33.0





#17
Carbon Disulfide
Concen: 46.492 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY008881.D
Acq: 19 May 2022 20:28

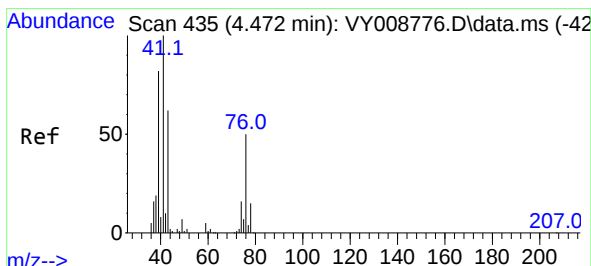
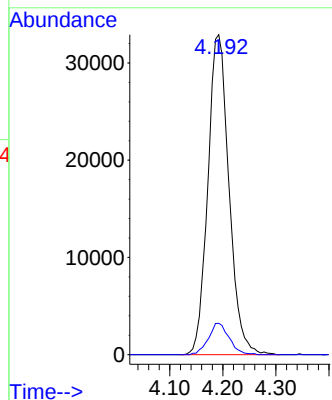
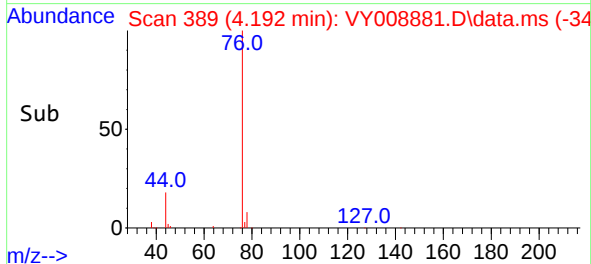
Instrument :
MSVOA_Y
ClientSampleId :
P022-SS002-0006-01MS



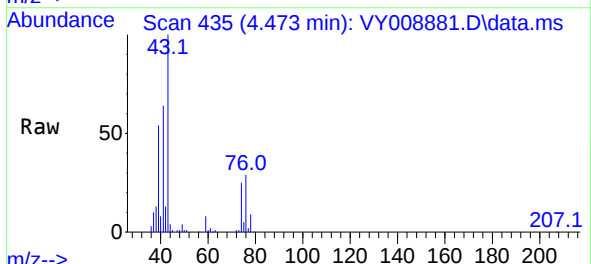
Tgt Ion: 76 Resp: 91250
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.0

Manual Integrations
APPROVED

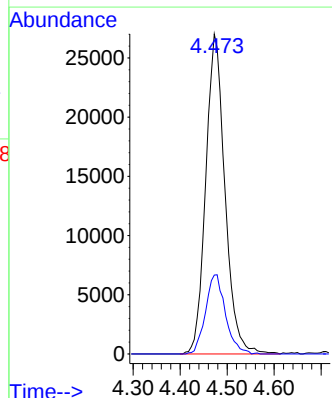
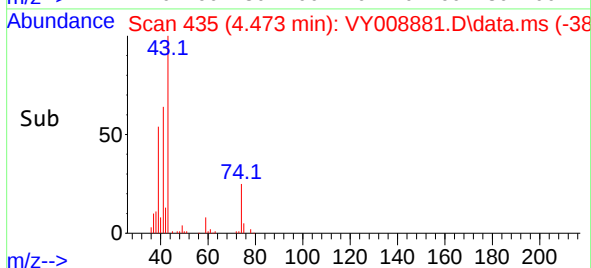
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

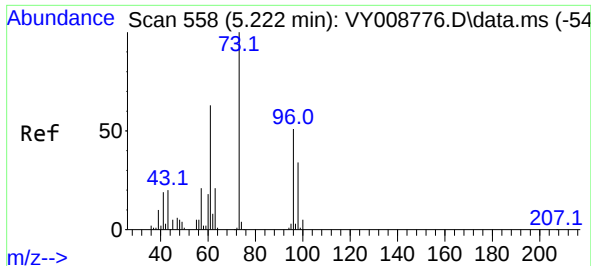


#18
Methyl Acetate
Concen: 137.860 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.001 min
Lab File: VY008881.D
Acq: 19 May 2022 20:28



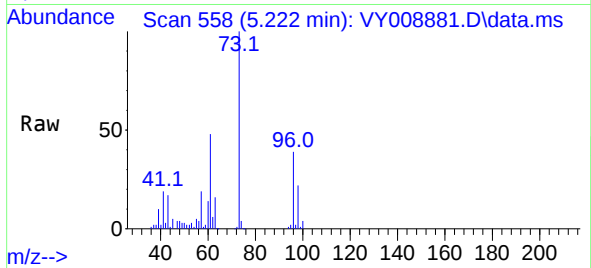
Tgt Ion: 43 Resp: 76521
Ion Ratio Lower Upper
43 100
74 25.7 16.6 24.8





#19
Methyl tert-butyl Ether
Concen: 63.425 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY008881.D
Acq: 19 May 2022 20:28

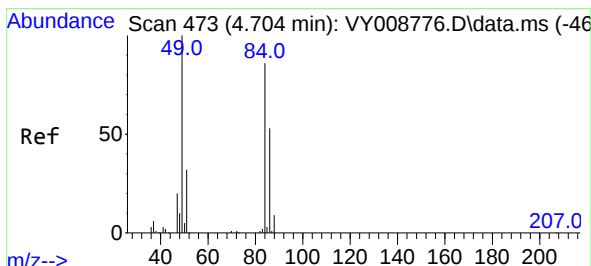
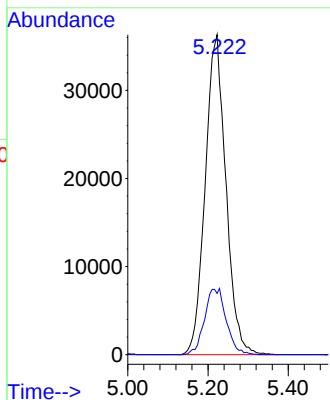
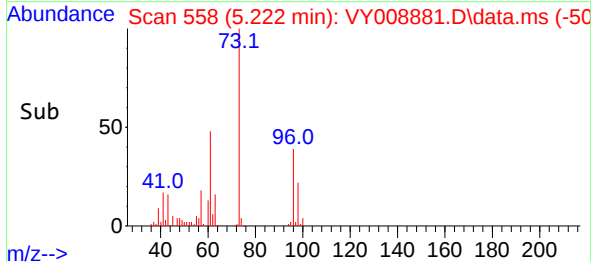
Instrument :
MSVOA_Y
ClientSampleId :
P022-SS002-0006-01MS



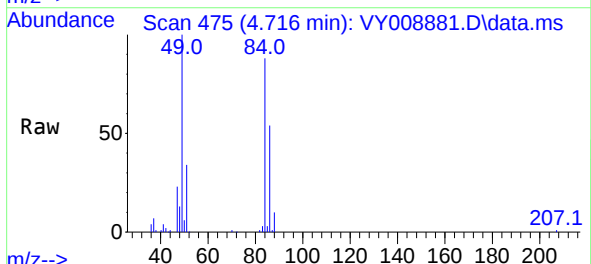
Tgt Ion: 73 Resp: 12984
Ion Ratio Lower Upper
73 100
57 19.2 18.6 27.8

Manual Integrations
APPROVED

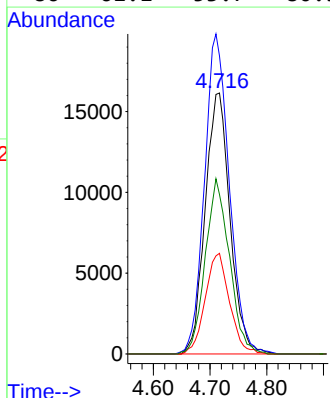
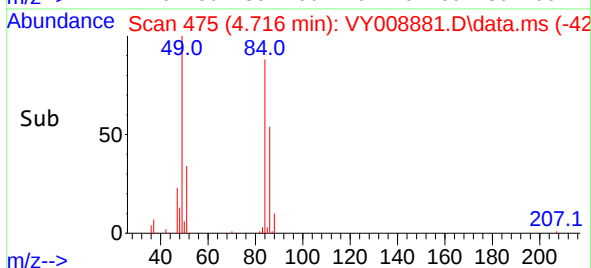
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

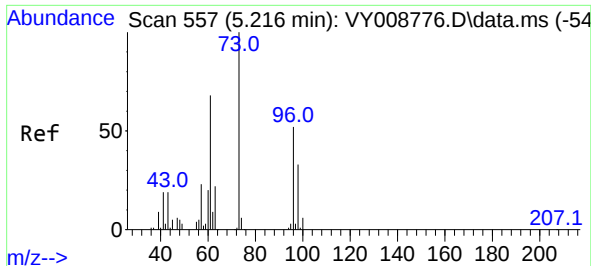


#20
Methylene Chloride
Concen: 58.573 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.012 min
Lab File: VY008881.D
Acq: 19 May 2022 20:28



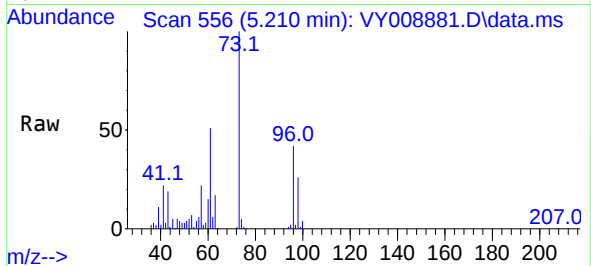
Tgt Ion: 84 Resp: 49206
Ion Ratio Lower Upper
84 100
49 114.2 114.4 171.6#
51 38.6 35.3 52.9
86 61.1 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 47.270 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY008881.D
Acq: 19 May 2022 20:28

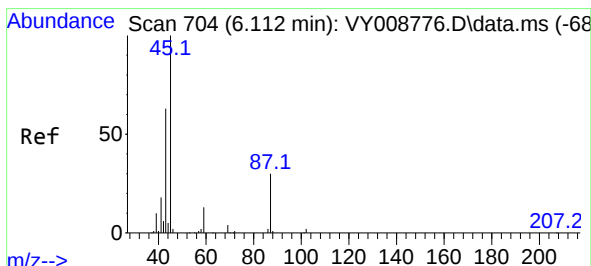
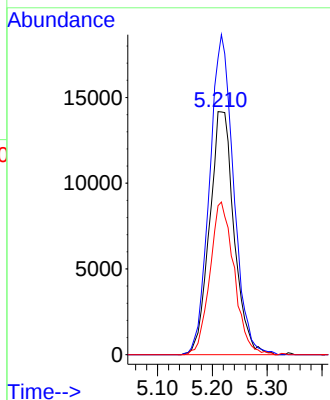
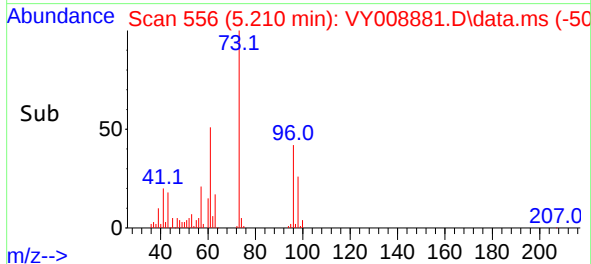
Instrument :
MSVOA_Y
ClientSampleId :
P022-SS002-0006-01MS



Tgt Ion: 96 Resp: 44050
Ion Ratio Lower Upper
96 100
61 121.9 120.5 180.7
98 61.2 49.8 74.8

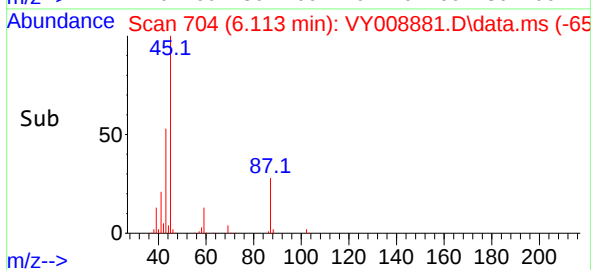
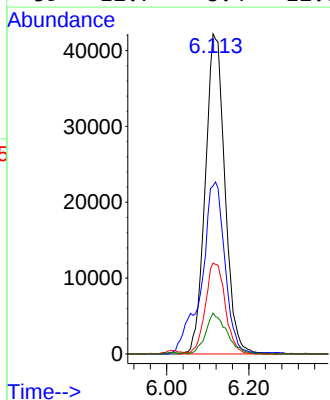
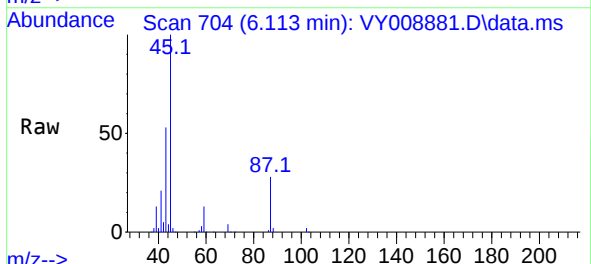
Manual Integrations
APPROVED

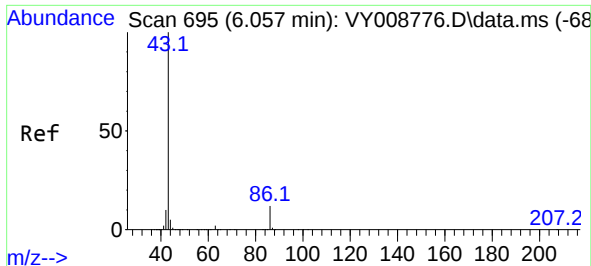
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#22
Diisopropyl ether
Concen: 58.988 ug/l
RT: 6.113 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY008881.D
Acq: 19 May 2022 20:28

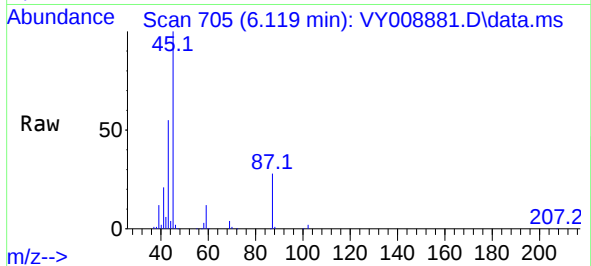
Tgt Ion: 45 Resp: 139671
Ion Ratio Lower Upper
45 100
43 52.1 49.3 73.9
87 28.4 19.2 28.8
59 12.7 8.4 12.6#





#23
 Vinyl Acetate
 Concen: 53.429 ug/l
 RT: 6.119 min Scan# 705
 Delta R.T. 0.061 min
 Lab File: VY008881.D
 Acq: 19 May 2022 20:28

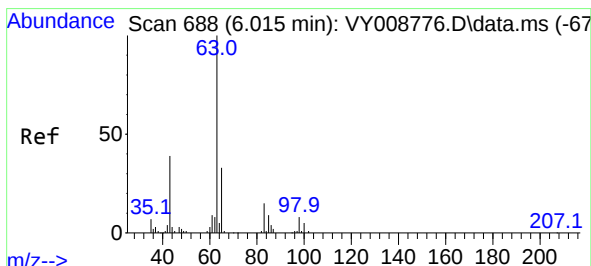
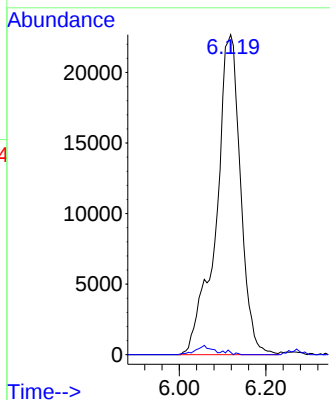
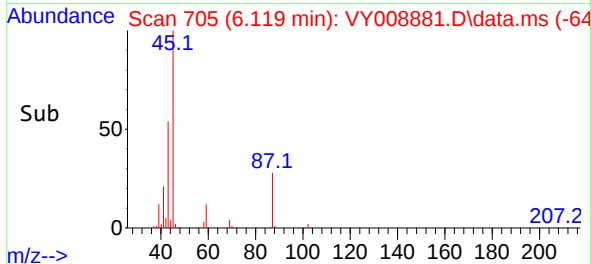
Instrument :
 MSVOA_Y
 ClientSampleId :
 P022-SS002-0006-01MS



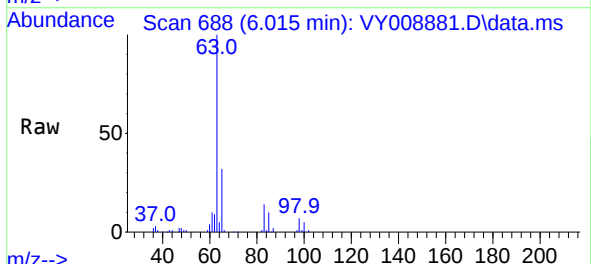
Tgt Ion: 43 Resp: 89198
 Ion Ratio Lower Upper
 43 100
 86 0.7 7.1 10.7

Manual Integrations
 APPROVED

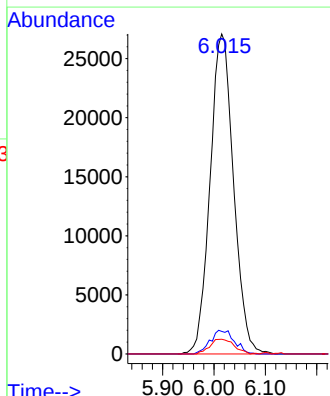
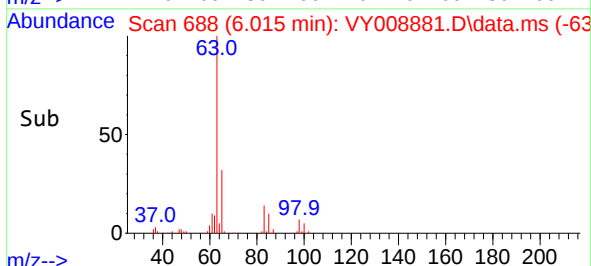
Reviewed By :John Carlone 05/24/2022
 Supervised By :Mahesh Dadoda 05/24/2022

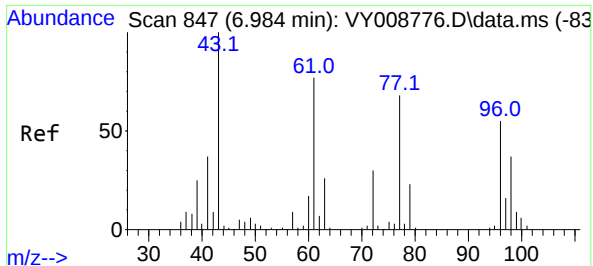


#24
 1,1-Dichloroethane
 Concen: 54.666 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY008881.D
 Acq: 19 May 2022 20:28



Tgt Ion: 63 Resp: 85887
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.6 10.8
 100 4.6 2.0 5.8





#25

2-Butanone

Concen: 271.157 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY008881.D

Acq: 19 May 2022 20:28

Instrument :

MSVOA_Y

ClientSampleId :

P022-SS002-0006-01MS

Tgt Ion: 43 Resp: 9456

Ion Ratio Lower Upper

43 100

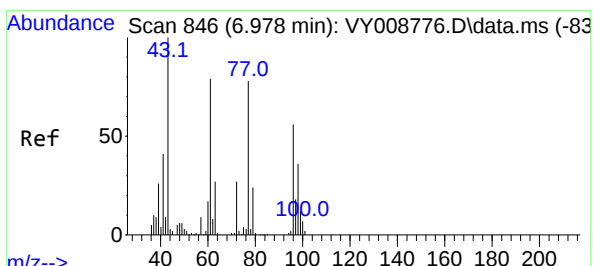
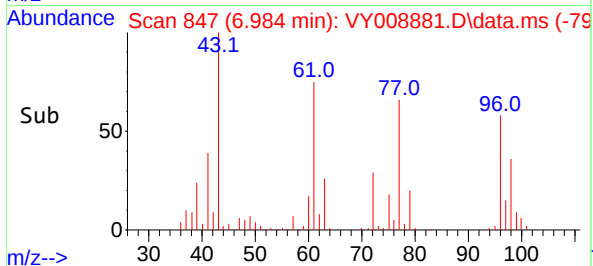
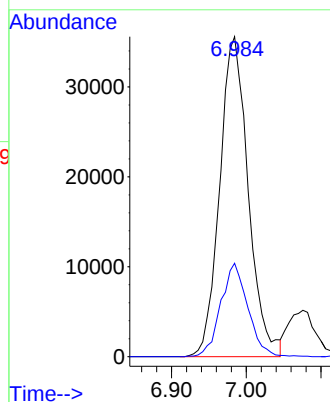
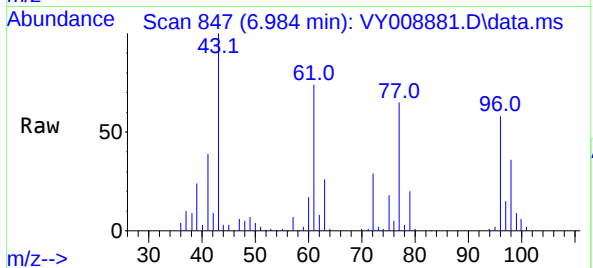
72 29.2 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/24/2022

Supervised By :Mahesh Dadoda 05/24/2022



#26

2,2-Dichloropropane

Concen: 49.198 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY008881.D

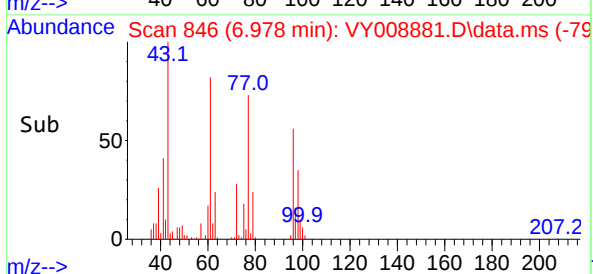
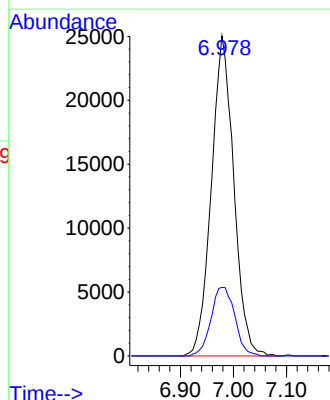
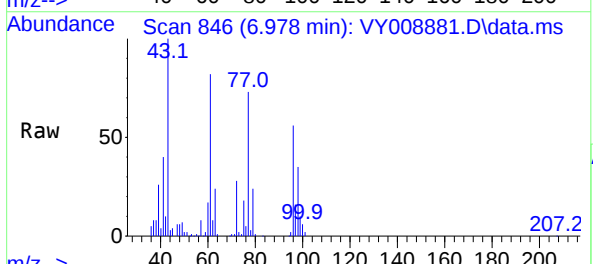
Acq: 19 May 2022 20:28

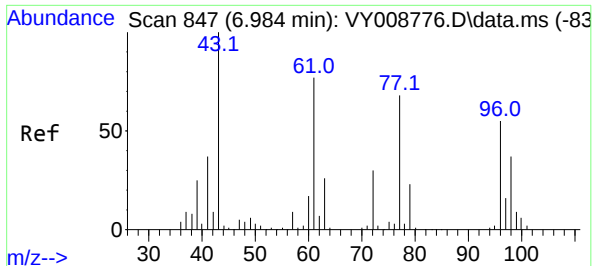
Tgt Ion: 77 Resp: 73467

Ion Ratio Lower Upper

77 100

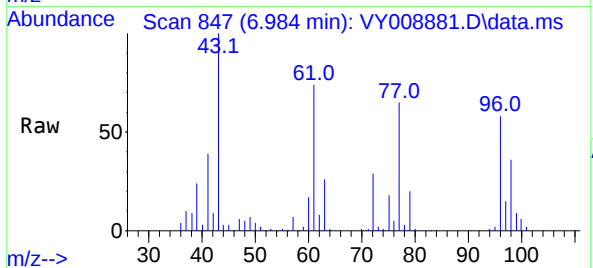
97 22.8 10.4 31.4





#27
 cis-1,2-Dichloroethene
 Concen: 52.329 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY008881.D
 Acq: 19 May 2022 20:28

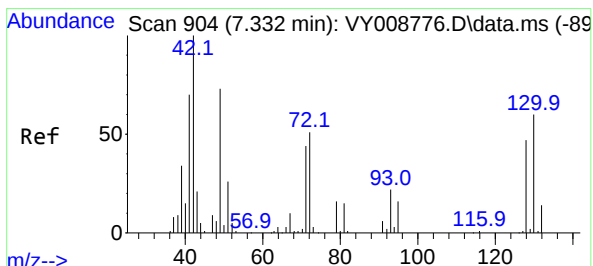
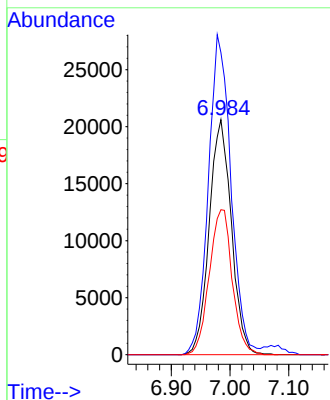
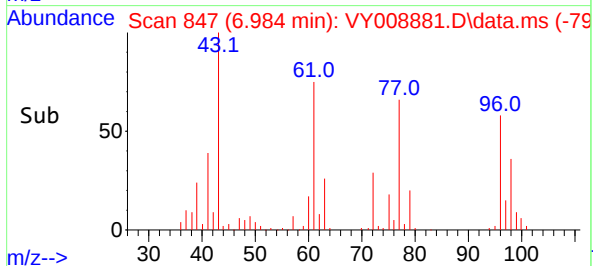
Instrument :
 MSVOA_Y
 ClientSampleId :
 P022-SS002-0006-01MS



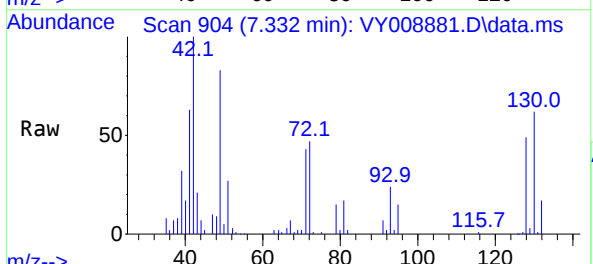
Tgt Ion: 96 Resp: 5409
 Ion Ratio Lower Upper
 96 100
 61 138.7 0.0 319.8
 98 63.8 0.0 127.0

Manual Integrations
 APPROVED

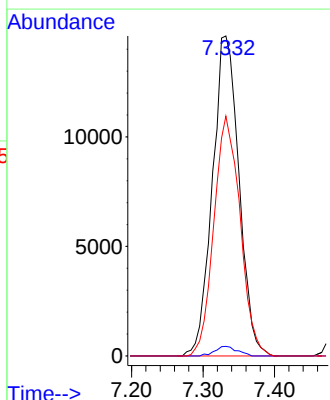
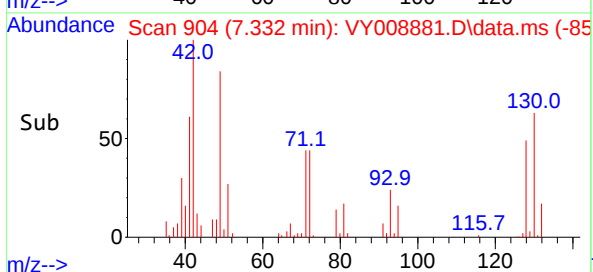
Reviewed By :John Carlone 05/24/2022
 Supervised By :Mahesh Dadoda 05/24/2022

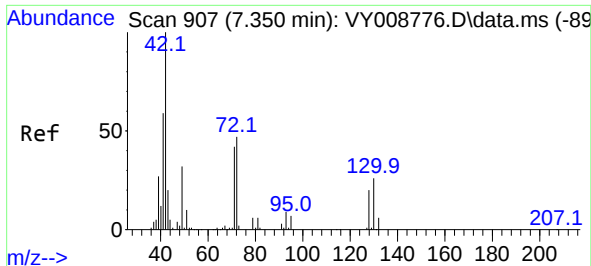


#28
 Bromochloromethane
 Concen: 63.300 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.000 min
 Lab File: VY008881.D
 Acq: 19 May 2022 20:28



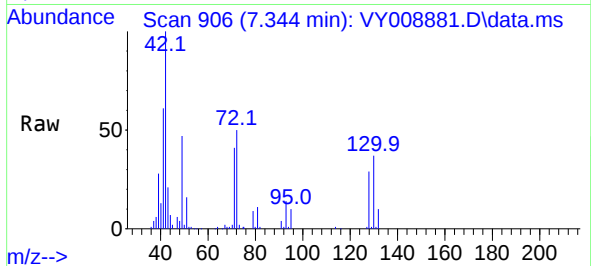
Tgt Ion: 49 Resp: 37705
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 2.2#
 130 73.9 55.4 83.0





#29
Tetrahydrofuran
Concen: 274.287 ug/l
RT: 7.344 min Scan# 907
Delta R.T. -0.006 min
Lab File: VY008881.D
Acq: 19 May 2022 20:28

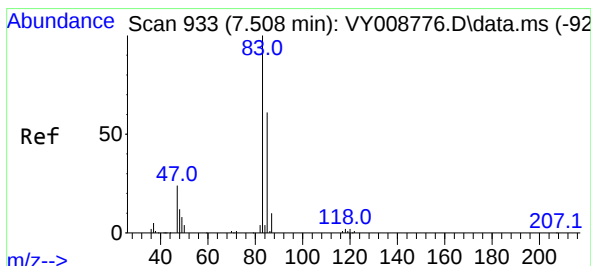
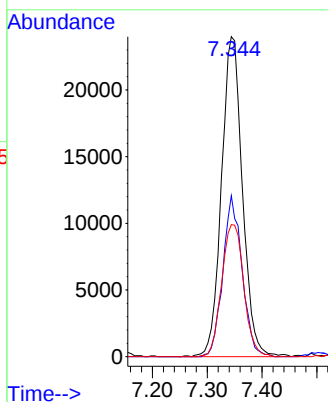
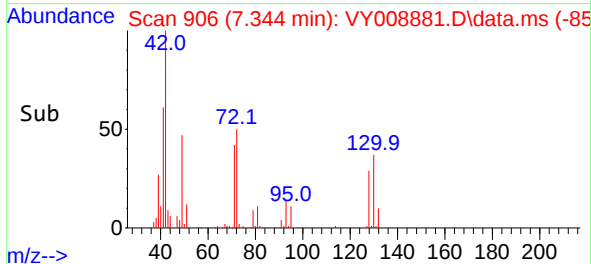
Instrument :
MSVOA_Y
ClientSampleId :
P022-SS002-0006-01MS



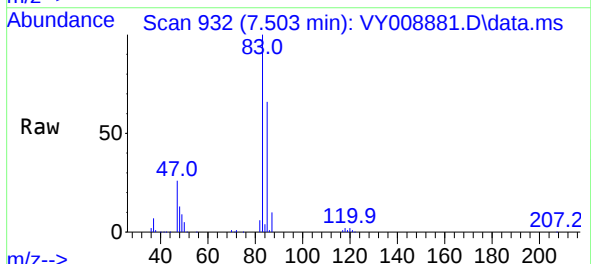
Tgt Ion: 42 Resp: 63723
Ion Ratio Lower Upper
42 100
72 46.1 30.3 45.5
71 43.6 29.0 43.4

Manual Integrations
APPROVED

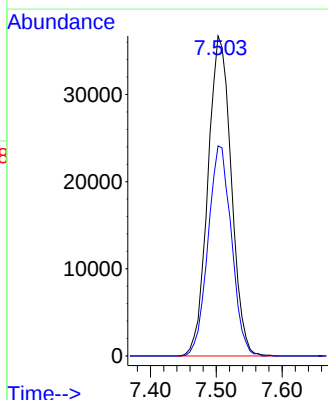
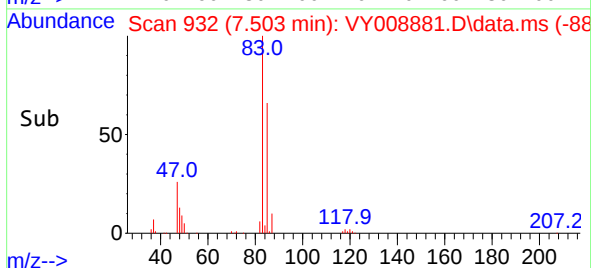
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

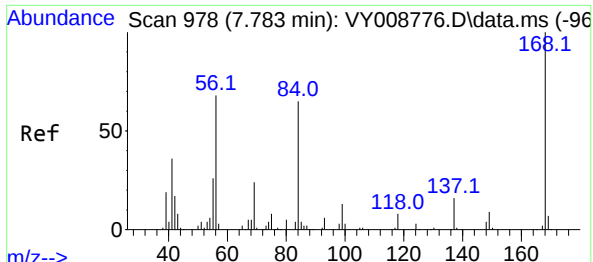


#30
Chloroform
Concen: 53.866 ug/l
RT: 7.503 min Scan# 932
Delta R.T. -0.006 min
Lab File: VY008881.D
Acq: 19 May 2022 20:28



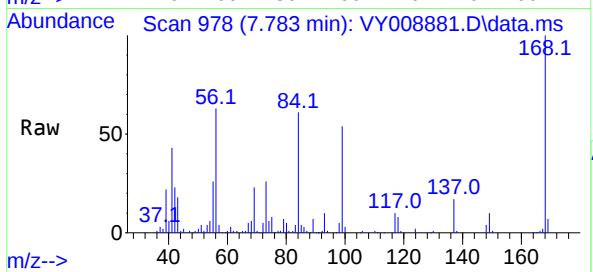
Tgt Ion: 83 Resp: 90738
Ion Ratio Lower Upper
83 100
85 65.7 51.8 77.6





#31
Cyclohexane
Concen: 46.194 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008881.D
Acq: 19 May 2022 20:28

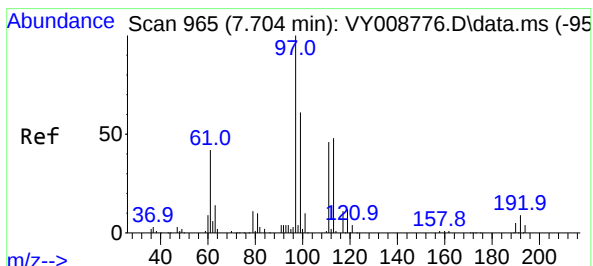
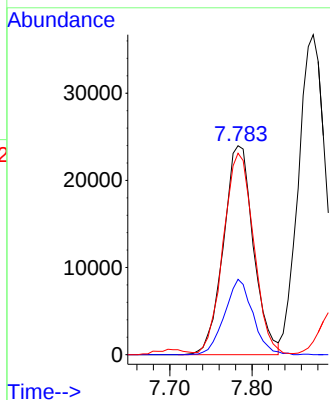
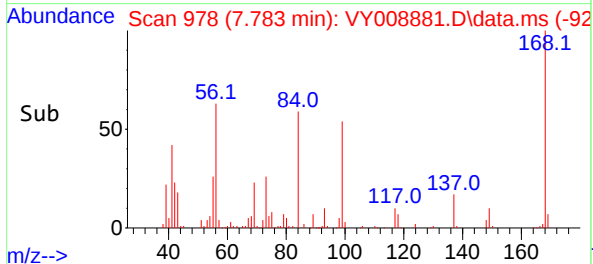
Instrument :
MSVOA_Y
ClientSampleId :
P022-SS002-0006-01MS



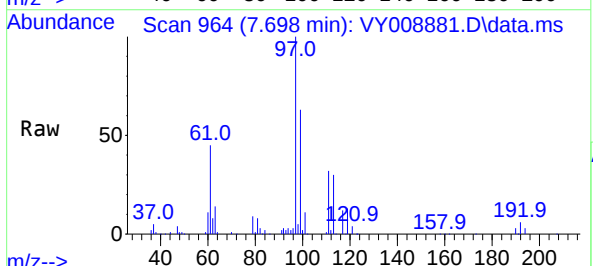
Tgt Ion: 56 Resp: 6094
Ion Ratio Lower Upper
56 100
69 36.0 26.7 40.1
84 94.0 67.2 100.8

Manual Integrations
APPROVED

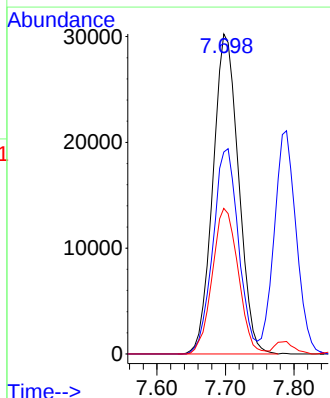
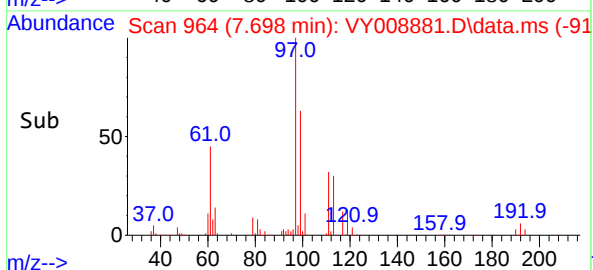
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

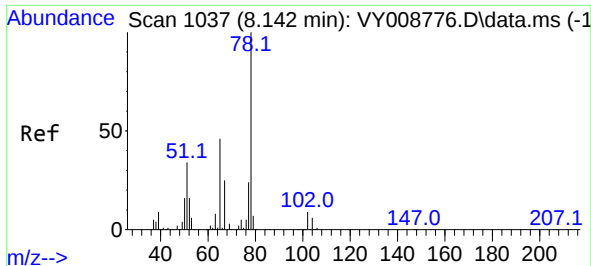


#32
1,1,1-Trichloroethane
Concen: 50.289 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY008881.D
Acq: 19 May 2022 20:28



Tgt Ion: 97 Resp: 78541
Ion Ratio Lower Upper
97 100
99 64.0 50.7 76.1
61 46.1 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 61.494 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY008881.D

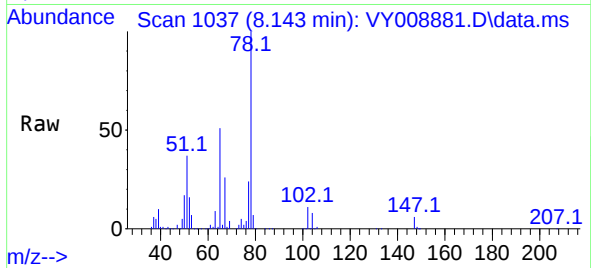
Acq: 19 May 2022 20:28

Instrument :

MSVOA_Y

ClientSampleId :

P022-SS002-0006-01MS



Tgt Ion: 65 Resp: 5110

Ion Ratio Lower Upper

65 100

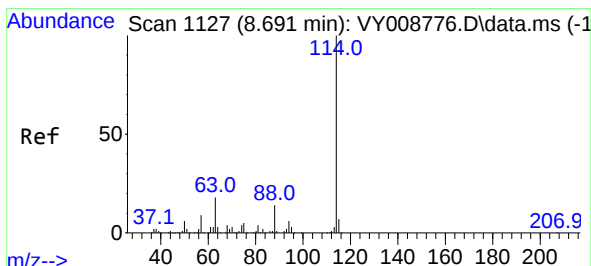
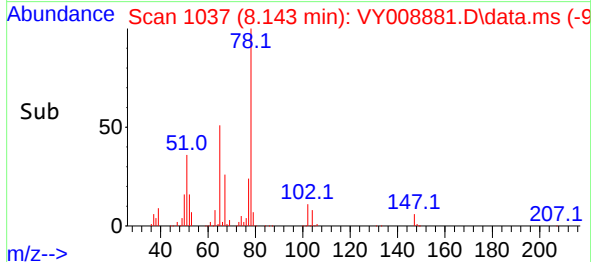
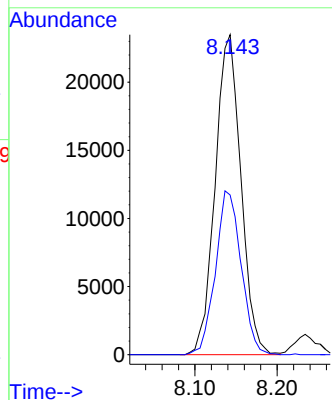
67 50.9 0.0 99.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/24/2022

Supervised By :Mahesh Dadoda 05/24/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY008881.D

Acq: 19 May 2022 20:28

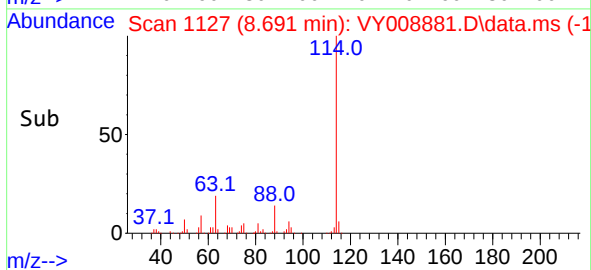
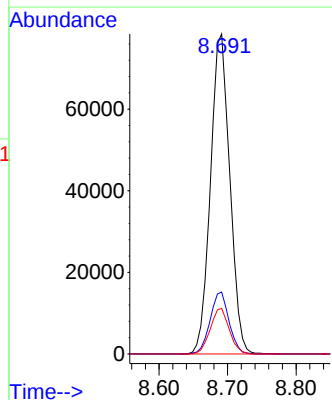
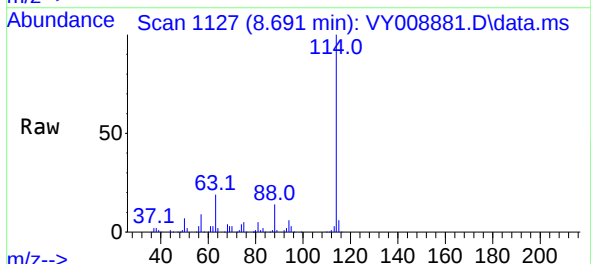
Tgt Ion:114 Resp: 153554

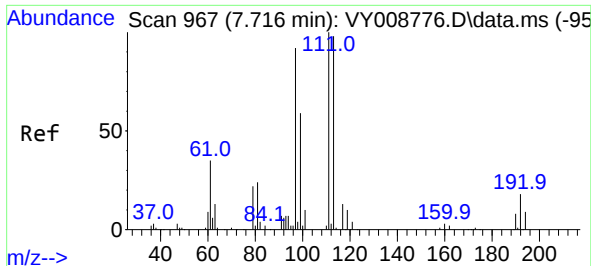
Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

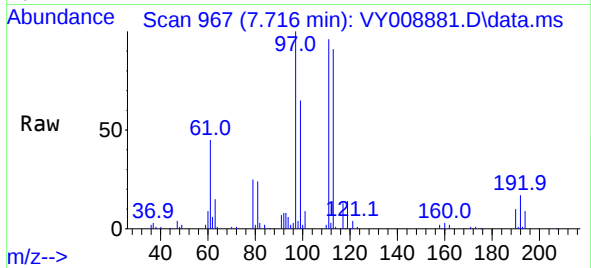
88 14.2 0.0 31.8





#35
Dibromofluoromethane
Concen: 49.225 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY008881.D
Acq: 19 May 2022 20:28

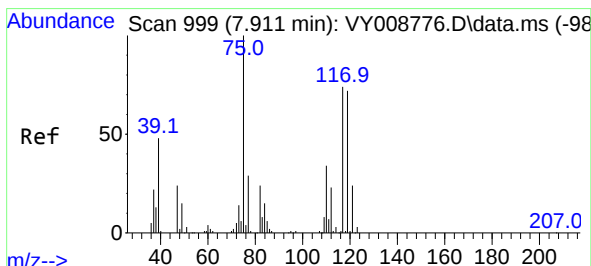
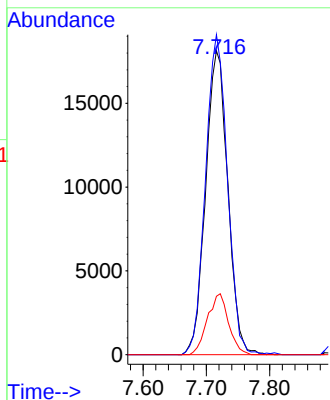
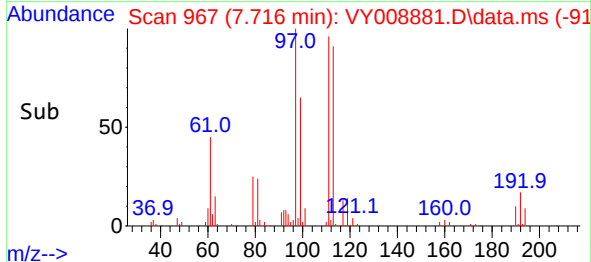
Instrument :
MSVOA_Y
ClientSampleId :
P022-SS002-0006-01MS



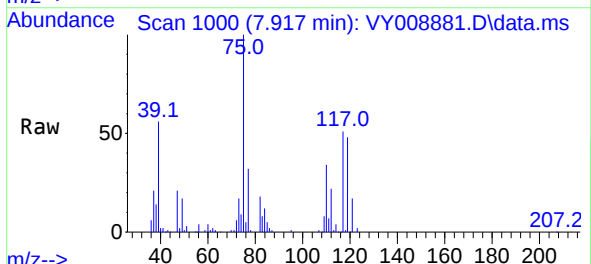
Tgt Ion: 113 Resp: 44164
Ion Ratio Lower Upper
113 100
111 103.8 82.6 124.0
192 19.1 17.6 26.4

Manual Integrations
APPROVED

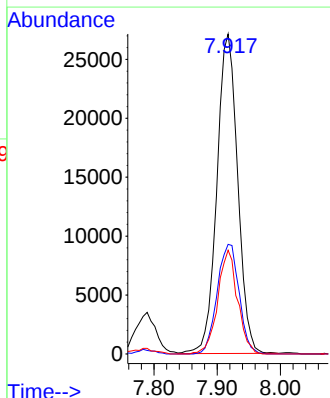
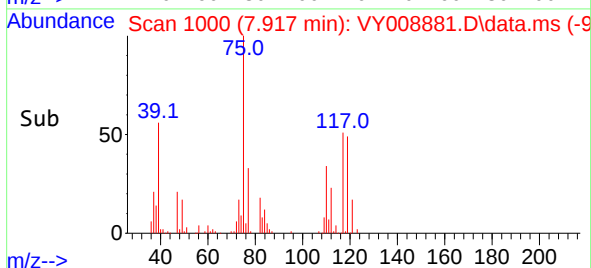
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

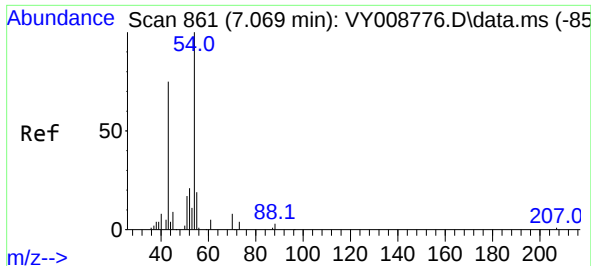


#36
1,1-Dichloropropene
Concen: 42.973 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY008881.D
Acq: 19 May 2022 20:28



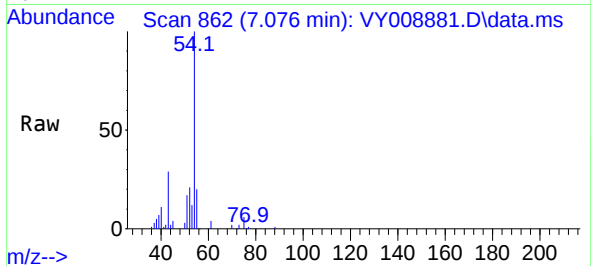
Tgt Ion: 75 Resp: 61750
Ion Ratio Lower Upper
75 100
110 36.2 17.1 51.2
77 31.0 24.4 36.6





#37
Ethyl Acetate
Concen: 16.244 ug/l
RT: 7.076 min Scan# 861
Delta R.T. 0.006 min
Lab File: VY008881.D
Acq: 19 May 2022 20:28

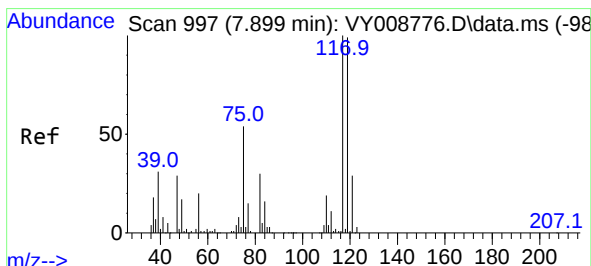
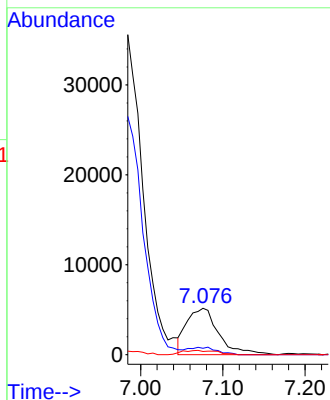
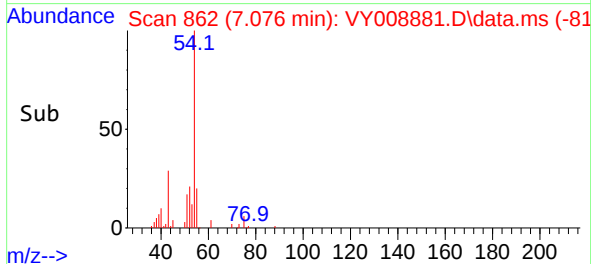
Instrument :
MSVOA_Y
ClientSampleId :
P022-SS002-0006-01MS



Tgt Ion: 43 Resp: 13910
Ion Ratio Lower Upper
43 100
61 0.0 9.7 14.5
70 10.1 7.1 10.7

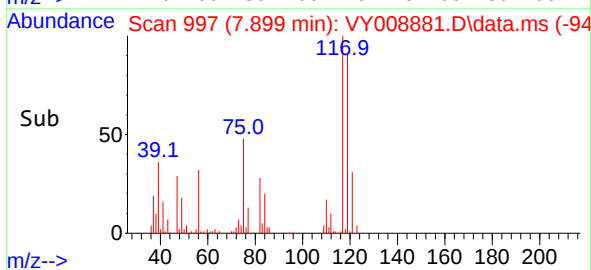
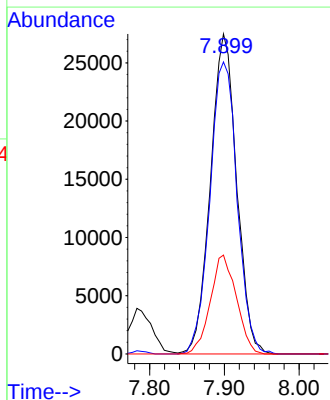
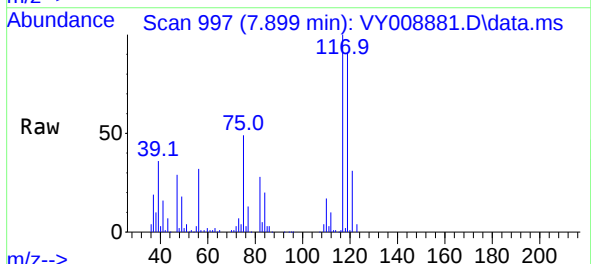
Manual Integrations
APPROVED

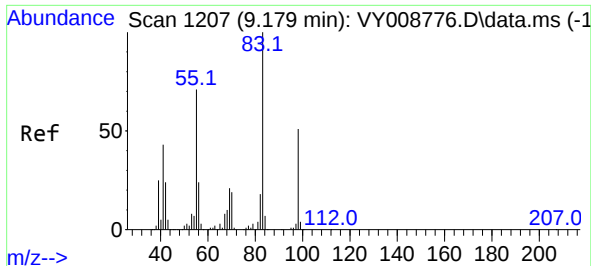
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#38
Carbon Tetrachloride
Concen: 43.445 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: VY008881.D
Acq: 19 May 2022 20:28

Tgt Ion:117 Resp: 66905
Ion Ratio Lower Upper
117 100
119 91.3 77.9 116.9
121 30.9 24.8 37.2





#39

Methylcyclohexane

Concen: 35.474 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY008881.D

Acq: 19 May 2022 20:28

Instrument :

MSVOA_Y

ClientSampleId :

P022-SS002-0006-01MS

Tgt Ion: 83 Resp: 60450

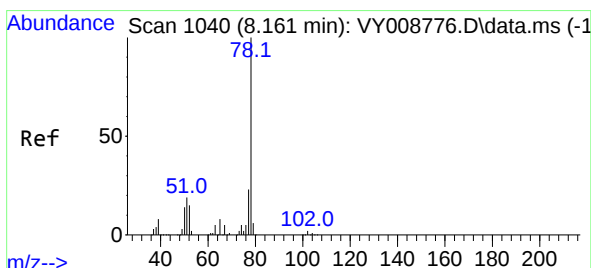
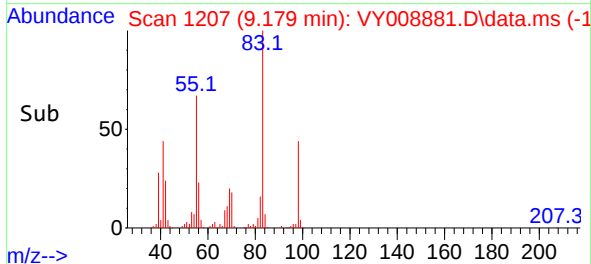
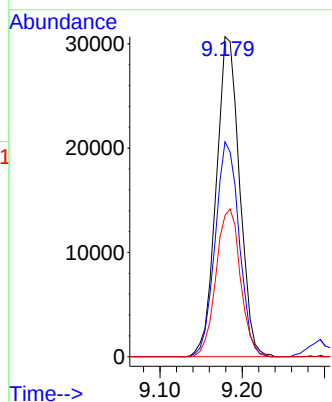
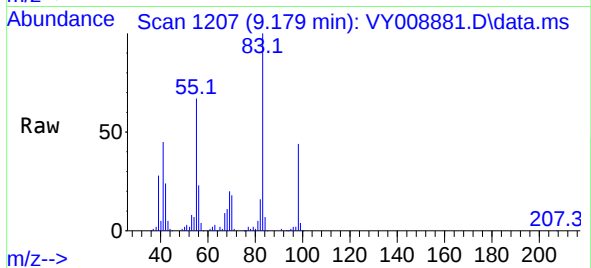
Ion	Ratio	Lower	Upper
83	100		
55	67.2	66.5	99.7
98	44.1	37.9	56.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/24/2022

Supervised By :Mahesh Dadoda 05/24/2022



#40

Benzene

Concen: 48.652 ug/l

RT: 8.161 min Scan# 1040

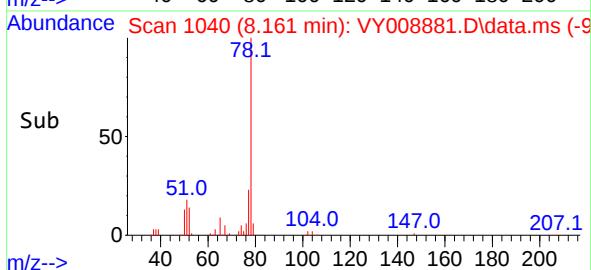
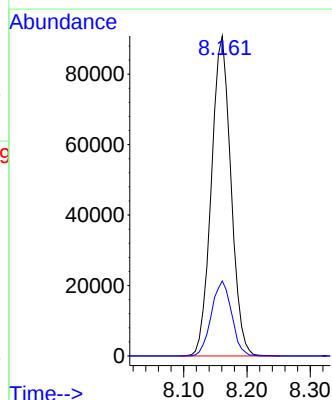
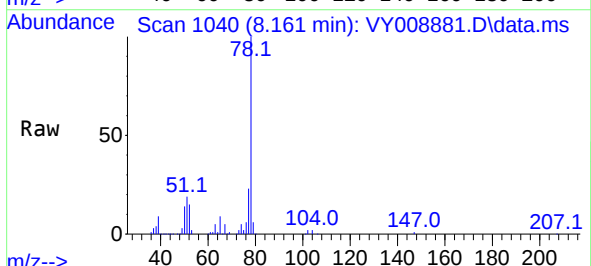
Delta R.T. 0.000 min

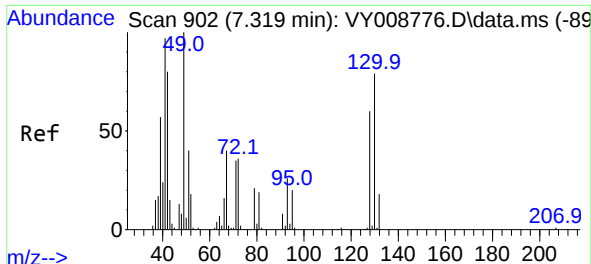
Lab File: VY008881.D

Acq: 19 May 2022 20:28

Tgt Ion: 78 Resp: 195618

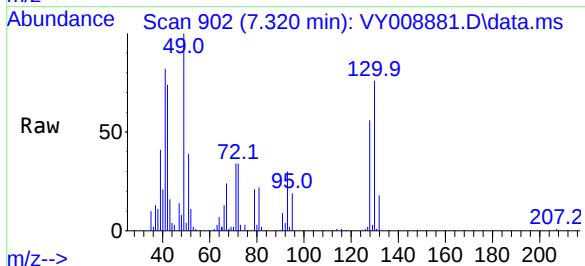
Ion	Ratio	Lower	Upper
78	100		
77	23.5	20.4	30.6





#41
Methacrylonitrile
Concen: 33.500 ug/l m
RT: 7.320 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY008881.D
Acq: 19 May 2022 20:28

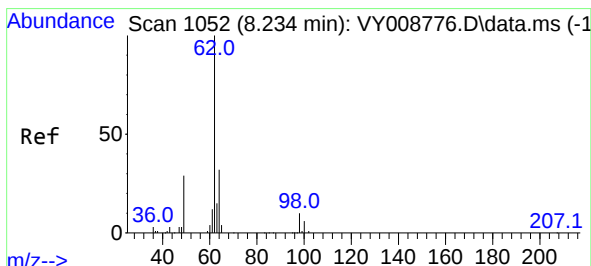
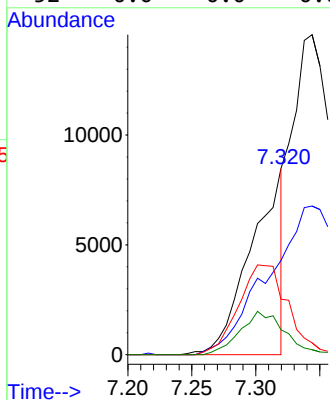
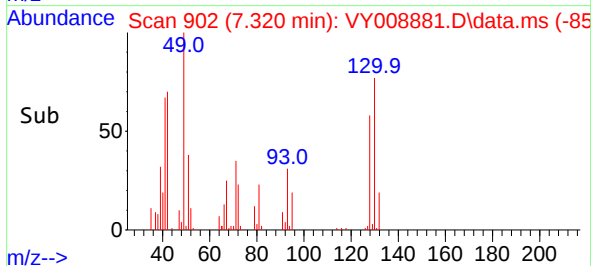
Instrument :
MSVOA_Y
ClientSampleId :
P022-SS002-0006-01MS



Tgt Ion: 41 Resp: 15080
Ion Ratio Lower Upper
41 100
39 170.4 92.9 139.3
67 0.0 0.0 0.0
52 0.0 0.0 0.0

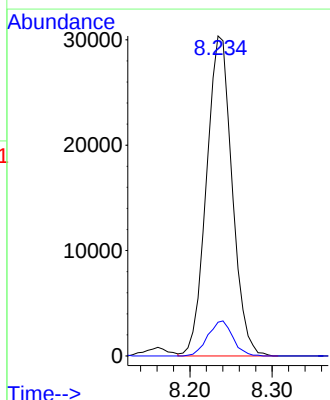
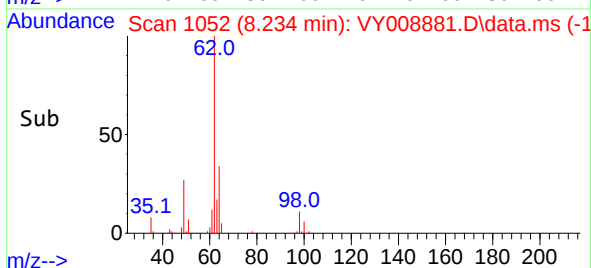
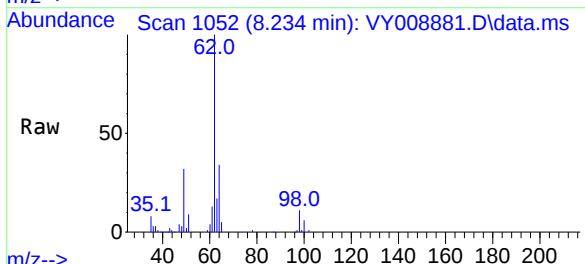
Manual Integrations
APPROVED

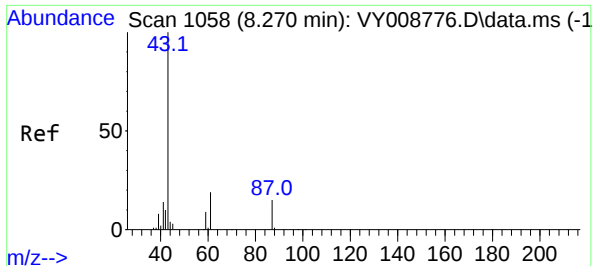
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#42
1,2-Dichloroethane
Concen: 55.775 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY008881.D
Acq: 19 May 2022 20:28

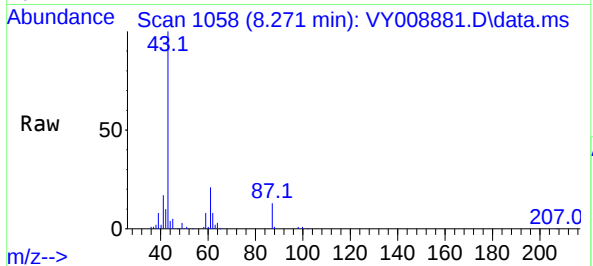
Tgt Ion: 62 Resp: 65828
Ion Ratio Lower Upper
62 100
98 10.6 0.0 14.8





#43
Isopropyl Acetate
Concen: 32.803 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY008881.D
Acq: 19 May 2022 20:28

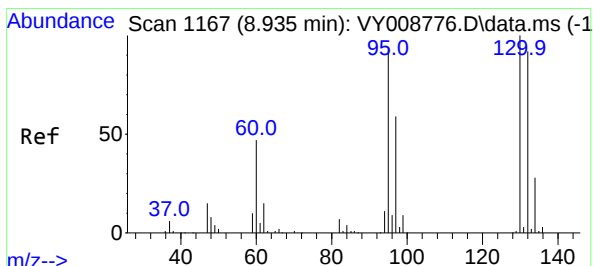
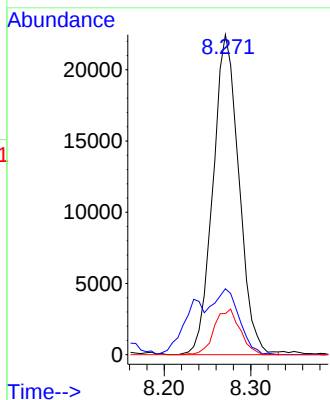
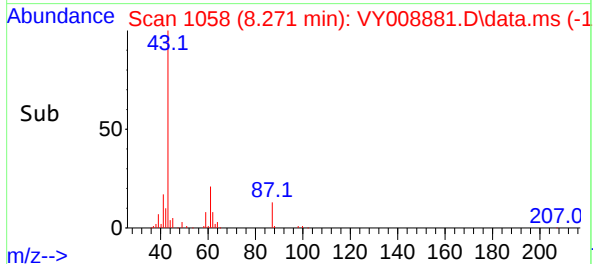
Instrument :
MSVOA_Y
ClientSampleId :
P022-SS002-0006-01MS



Tgt Ion: 43 Resp: 4676
Ion Ratio Lower Upper
43 100
61 19.1 20.2 30.2
87 14.1 8.9 13.3

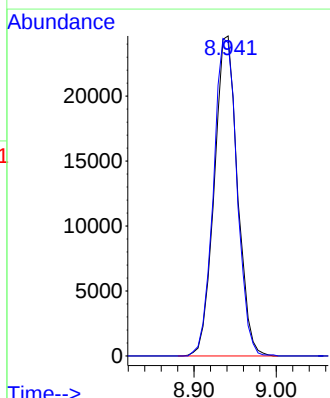
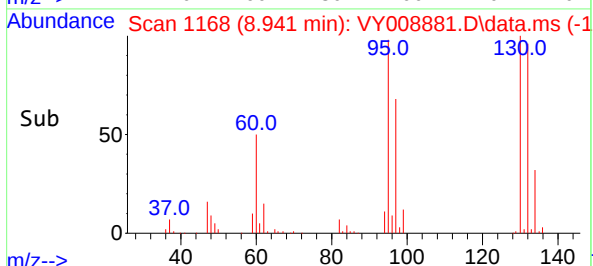
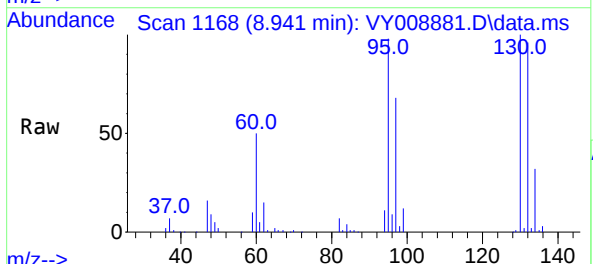
Manual Integrations
APPROVED

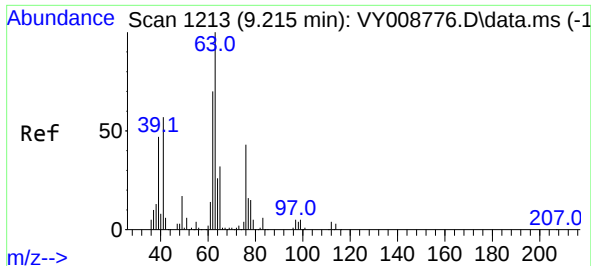
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#44
Trichloroethene
Concen: 44.145 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY008881.D
Acq: 19 May 2022 20:28

Tgt Ion:130 Resp: 48283
Ion Ratio Lower Upper
130 100
95 97.9 0.0 188.2





#45

1,2-Dichloropropane

Concen: 53.619 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY008881.D

Acq: 19 May 2022 20:28

Instrument :

MSVOA_Y

ClientSampleId :

P022-SS002-0006-01MS

Tgt Ion: 63 Resp: 51230

Ion Ratio Lower Upper

63 100

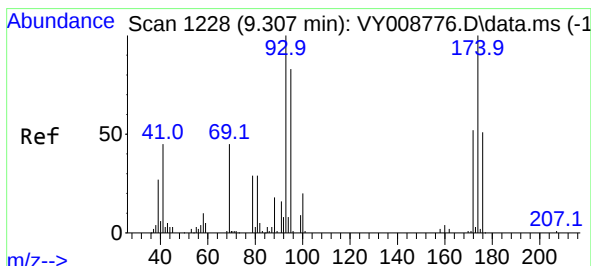
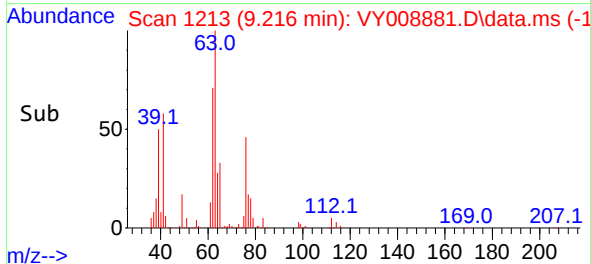
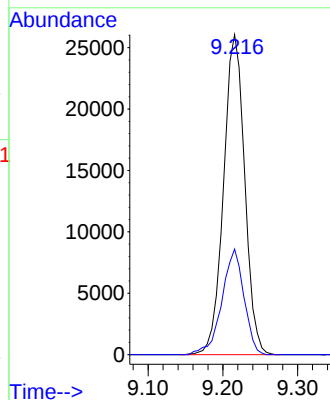
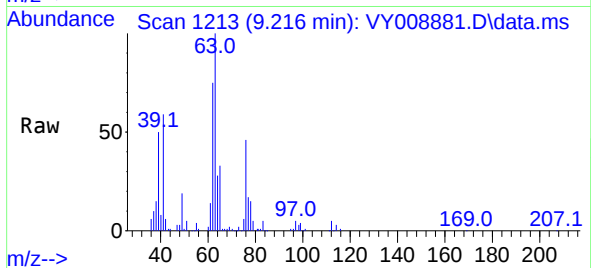
65 33.0 23.0 34.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/24/2022

Supervised By :Mahesh Dadoda 05/24/2022



#46

Dibromomethane

Concen: 54.591 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY008881.D

Acq: 19 May 2022 20:28

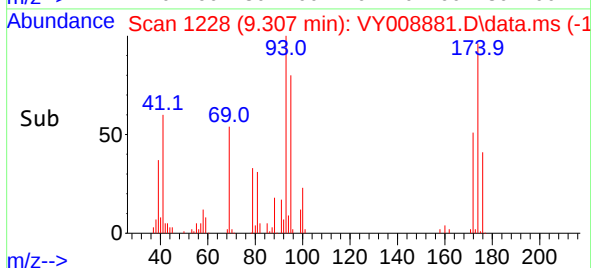
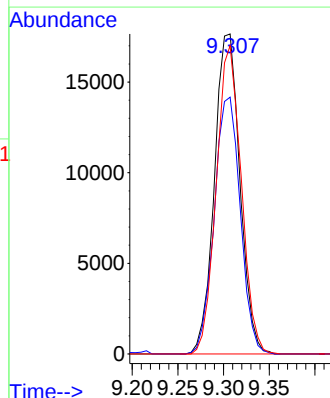
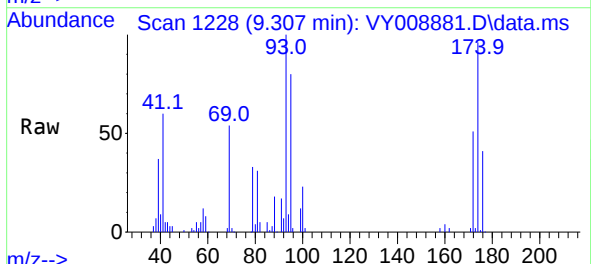
Tgt Ion: 93 Resp: 34278

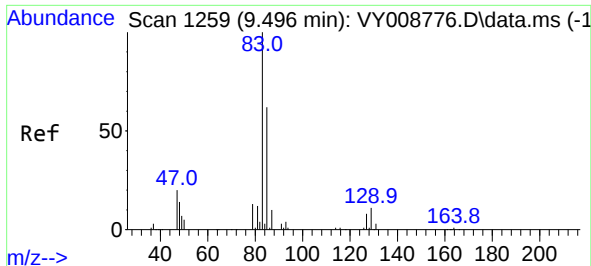
Ion Ratio Lower Upper

93 100

95 81.8 64.3 96.5

174 94.1 83.4 125.0





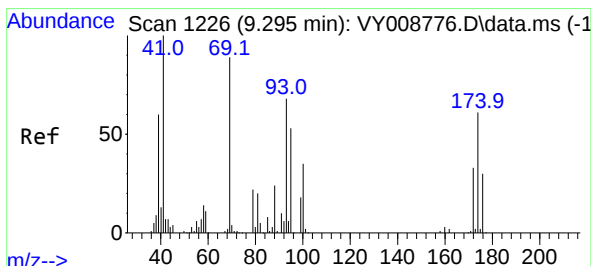
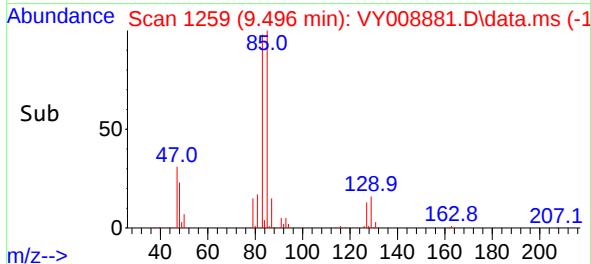
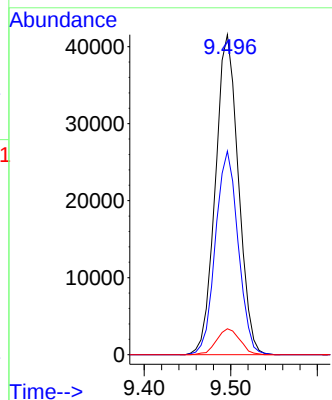
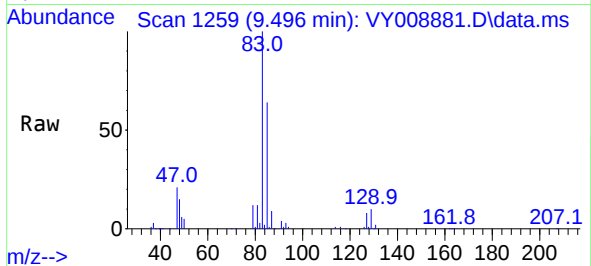
#47
Bromodichloromethane
Concen: 55.031 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY008881.D
Acq: 19 May 2022 20:28

Instrument :
MSVOA_Y
ClientSampleId :
P022-SS002-0006-01MS

Tgt Ion: 83 Resp: 7660
Ion Ratio Lower Upper
83 100
85 63.6 51.9 77.9
127 8.1 6.6 10.0

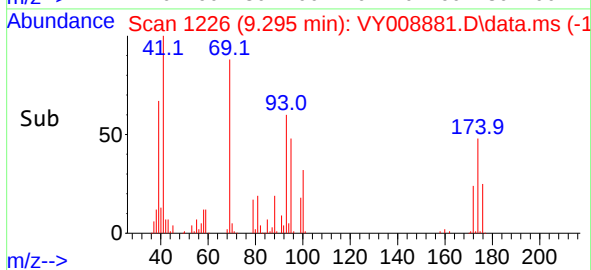
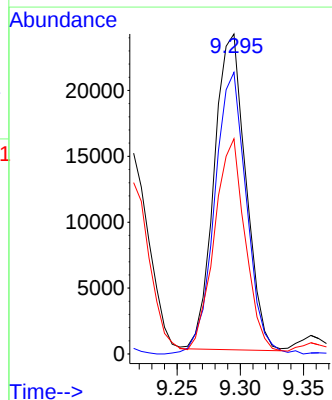
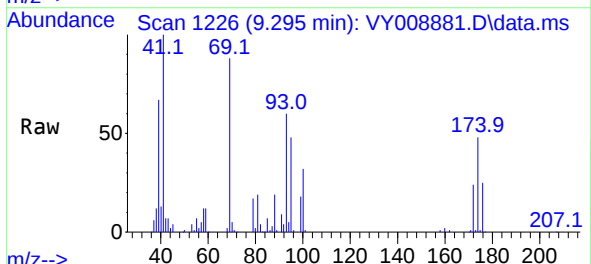
Manual Integrations
APPROVED

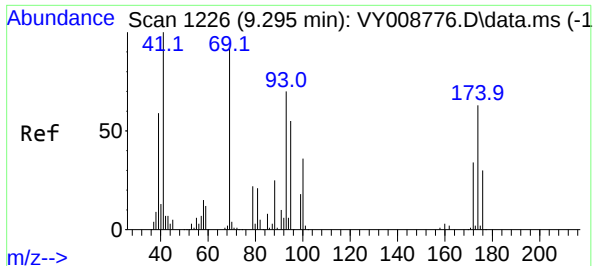
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#48
Methyl methacrylate
Concen: 66.479 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY008881.D
Acq: 19 May 2022 20:28

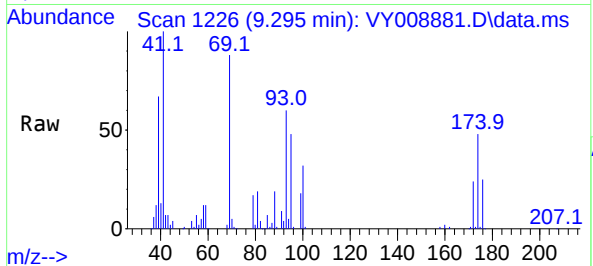
Tgt Ion: 41 Resp: 41611
Ion Ratio Lower Upper
41 100
69 90.2 58.2 87.2#
39 67.7 47.4 71.0





#49
1,4-Dioxane
Concen: 1069.094 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY008881.D
Acq: 19 May 2022 20:28

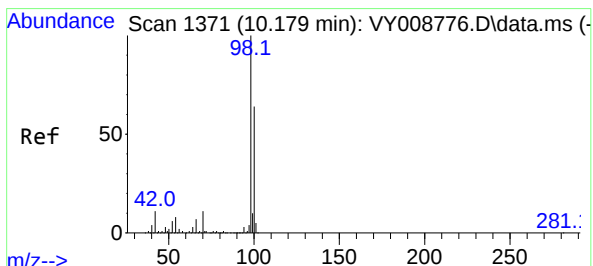
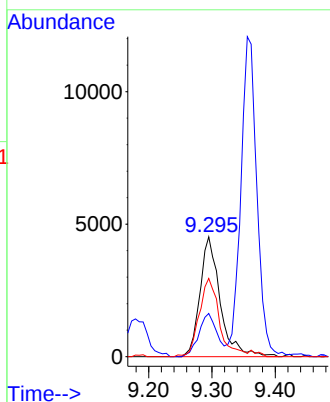
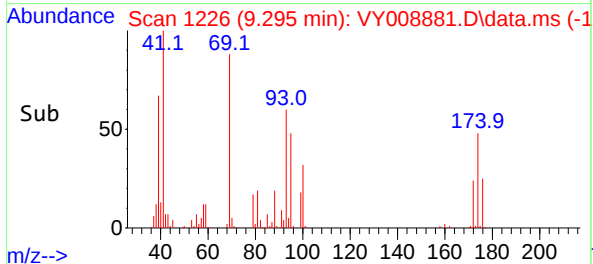
Instrument :
MSVOA_Y
ClientSampleId :
P022-SS002-0006-01MS



Tgt Ion: 88 Resp: 1008
Ion Ratio Lower Upper
88 100
43 32.2 32.8 49.2
58 64.7 59.8 89.6

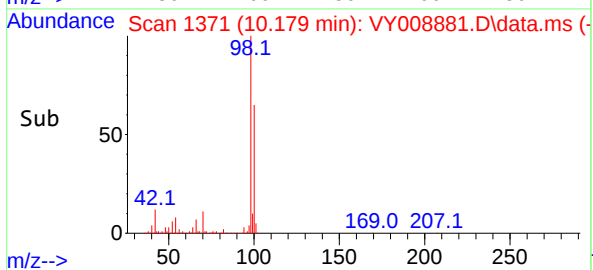
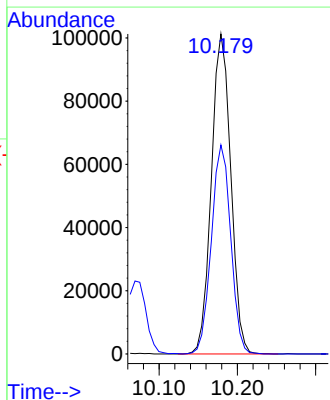
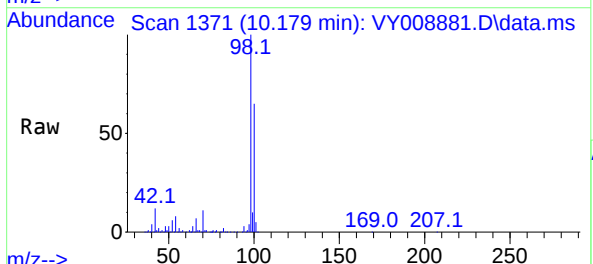
Manual Integrations
APPROVED

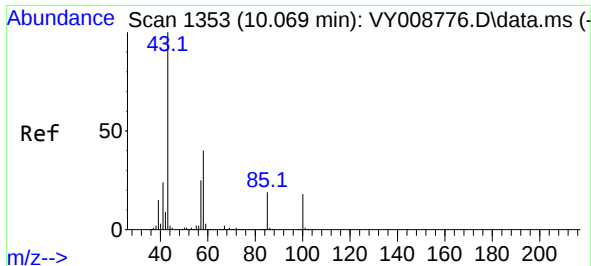
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#50
Toluene-d8
Concen: 44.157 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008881.D
Acq: 19 May 2022 20:28

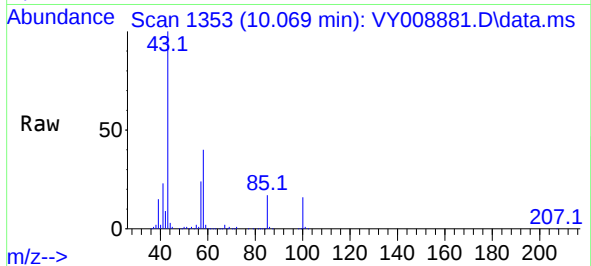
Tgt Ion: 98 Resp: 174517
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2





#51
4-Methyl-2-Pentanone
Concen: 280.512 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY008881.D
Acq: 19 May 2022 20:28

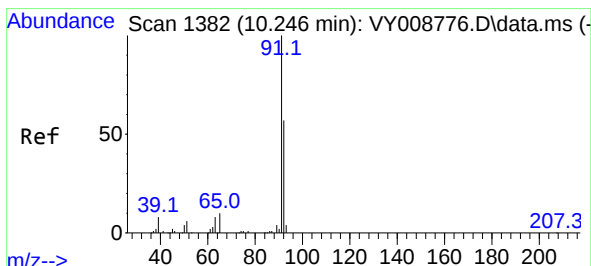
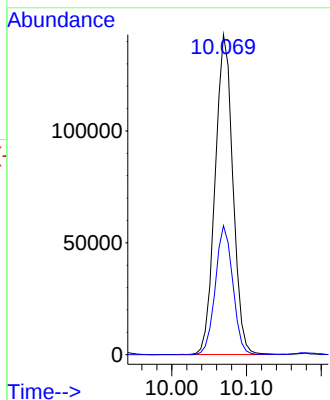
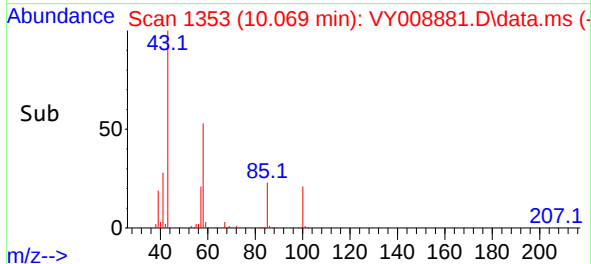
Instrument :
MSVOA_Y
ClientSampleId :
P022-SS002-0006-01MS



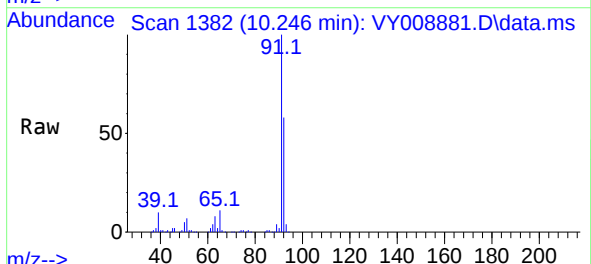
Tgt Ion: 43 Resp: 23606
Ion Ratio Lower Upper
43 100
58 39.6 28.1 42.1

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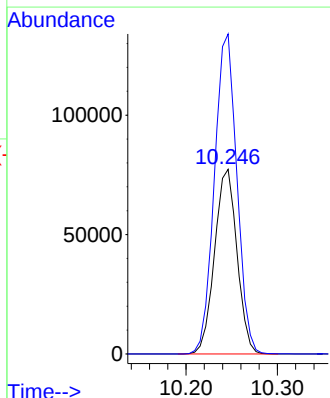
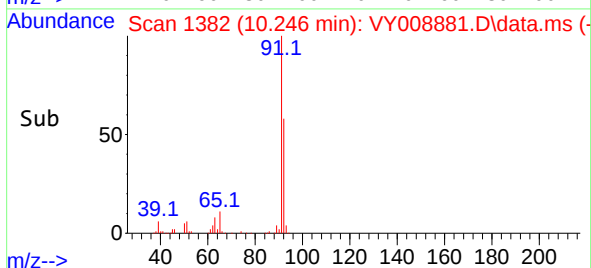
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

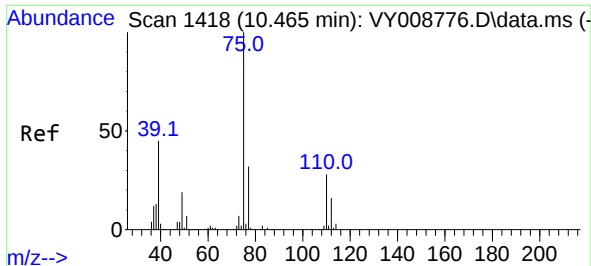


#52
Toluene
Concen: 48.190 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY008881.D
Acq: 19 May 2022 20:28



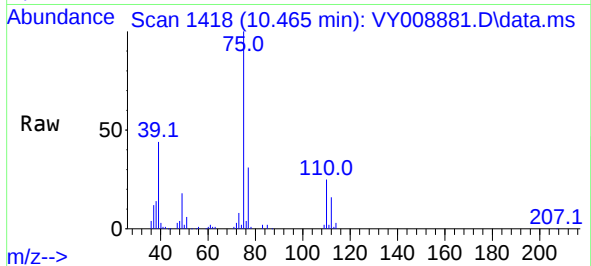
Tgt Ion: 92 Resp: 131662
Ion Ratio Lower Upper
92 100
91 173.9 142.6 213.8





#53
t-1,3-Dichloropropene
Concen: 52.869 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY008881.D
Acq: 19 May 2022 20:28

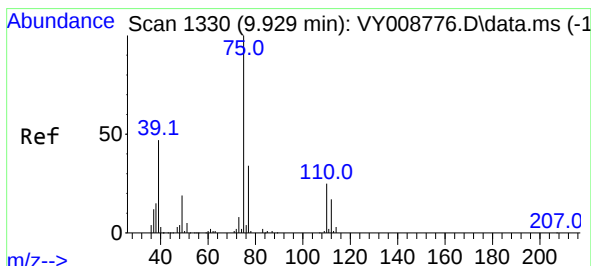
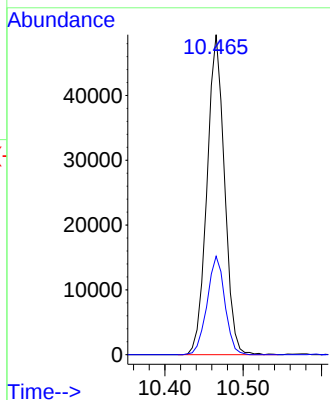
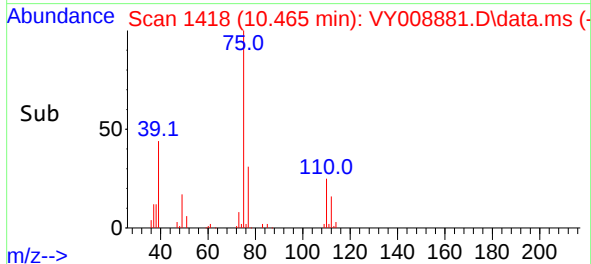
Instrument :
MSVOA_Y
ClientSampleId :
P022-SS002-0006-01MS



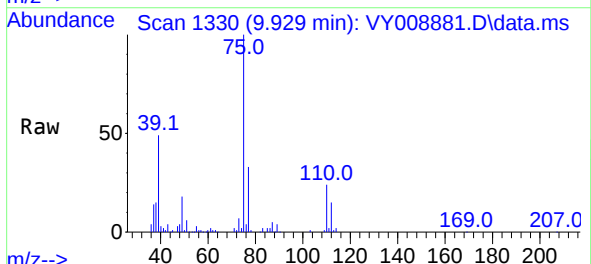
Tgt Ion: 75 Resp: 7644
Ion Ratio Lower Upper
75 100
77 30.7 25.4 38.2

Manual Integrations
APPROVED

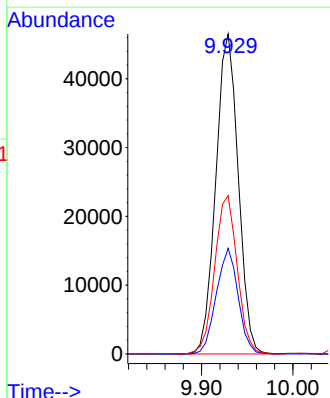
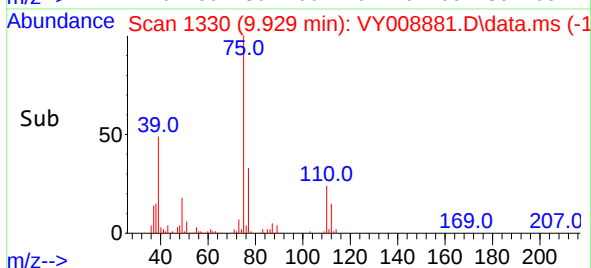
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

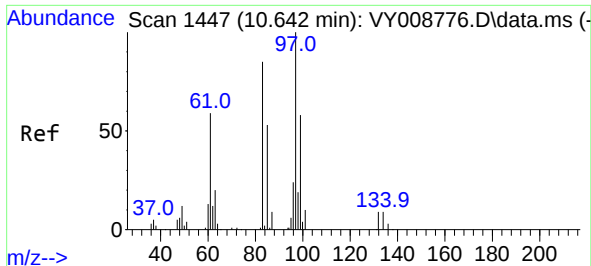


#54
cis-1,3-Dichloropropene
Concen: 50.912 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY008881.D
Acq: 19 May 2022 20:28



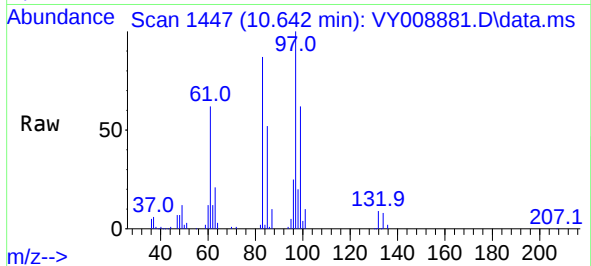
Tgt Ion: 75 Resp: 79379
Ion Ratio Lower Upper
75 100
77 33.0 25.6 38.4
39 49.5 47.6 71.4





#55
1,1,2-Trichloroethane
Concen: 56.327 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY008881.D
Acq: 19 May 2022 20:28

Instrument :
MSVOA_Y
ClientSampleId :
P022-SS002-0006-01MS

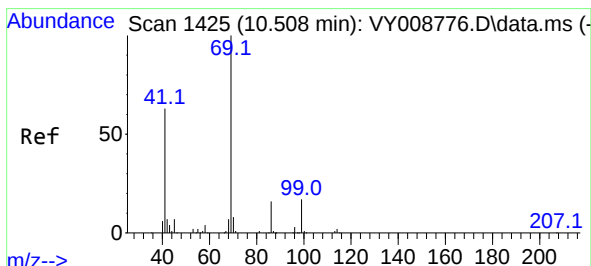
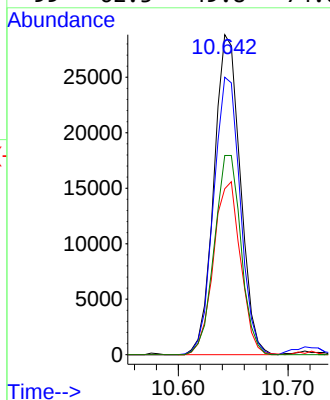
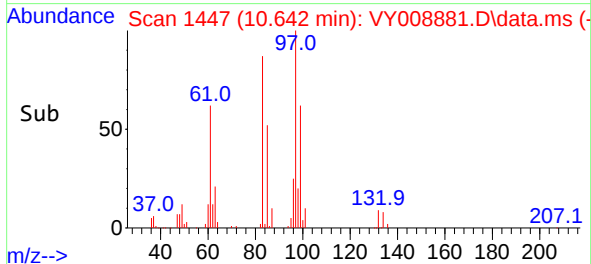


Tgt Ion: 97 Resp: 4809

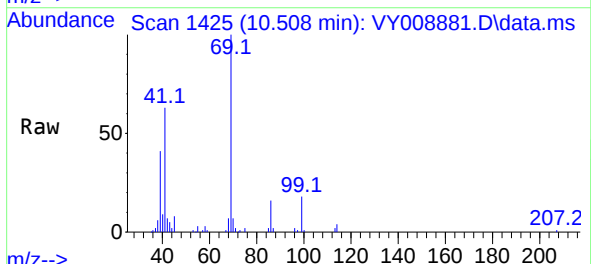
Ion	Ratio	Lower	Upper
97	100		
83	86.7	69.8	104.8
85	51.9	44.3	66.5
99	62.3	49.8	74.6

Manual Integrations
APPROVED

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

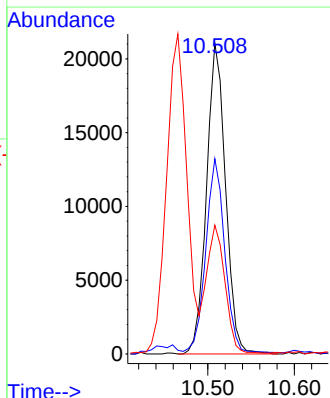
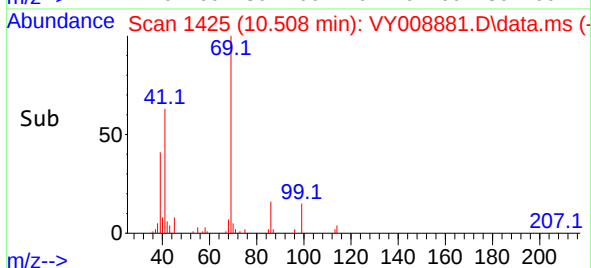


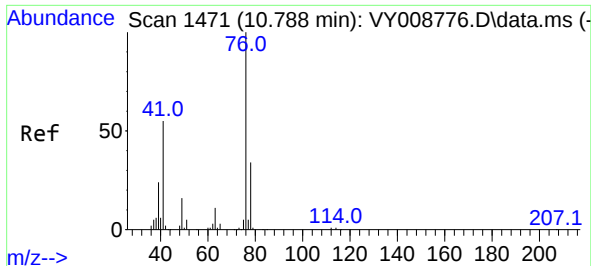
#56
Ethyl methacrylate
Concen: 31.034 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY008881.D
Acq: 19 May 2022 20:28



Tgt Ion: 69 Resp: 32149

Ion	Ratio	Lower	Upper
69	100		
41	62.6	63.4	95.0#
39	39.6	35.8	53.8





#57

1,3-Dichloropropane

Concen: 55.185 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY008881.D

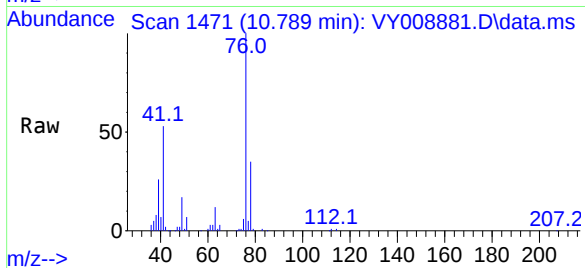
Acq: 19 May 2022 20:28

Instrument :

MSVOA_Y

ClientSampleId :

P022-SS002-0006-01MS



Tgt Ion: 76 Resp: 77478

Ion Ratio Lower Upper

76 100

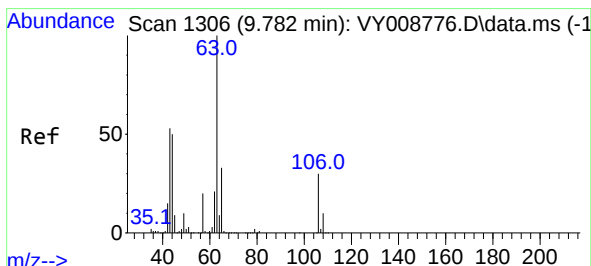
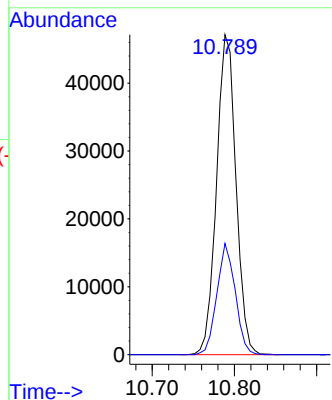
78 32.9 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/24/2022

Supervised By :Mahesh Dadoda 05/24/2022



#58

2-Chloroethyl Vinyl ether

Concen: 308.941 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY008881.D

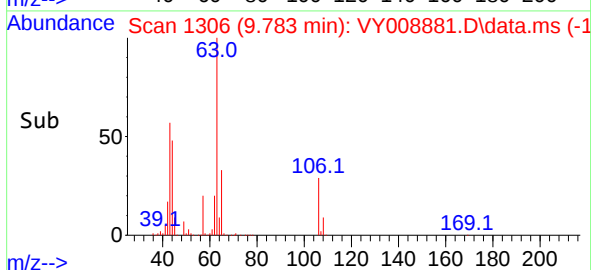
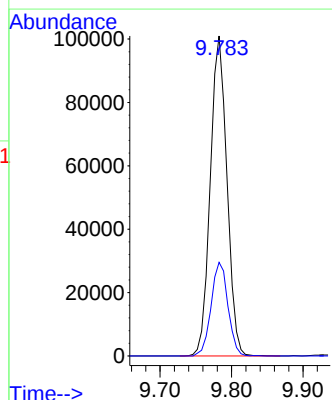
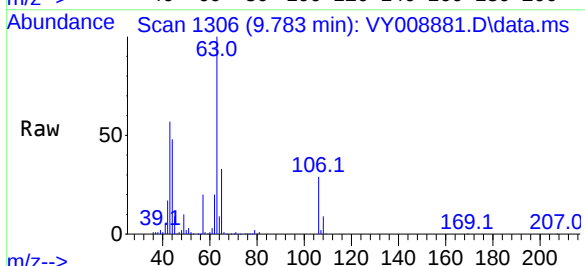
Acq: 19 May 2022 20:28

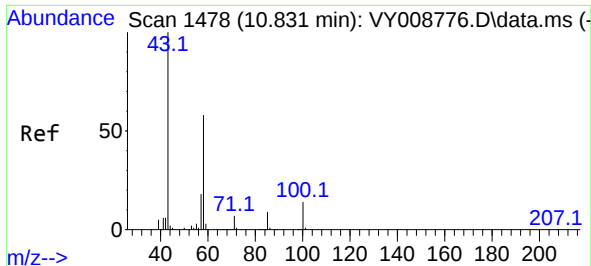
Tgt Ion: 63 Resp: 163202

Ion Ratio Lower Upper

63 100

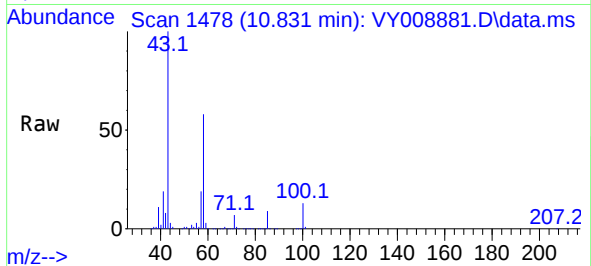
106 29.5 21.5 32.3





#59
2-Hexanone
Concen: 254.635 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY008881.D
Acq: 19 May 2022 20:28

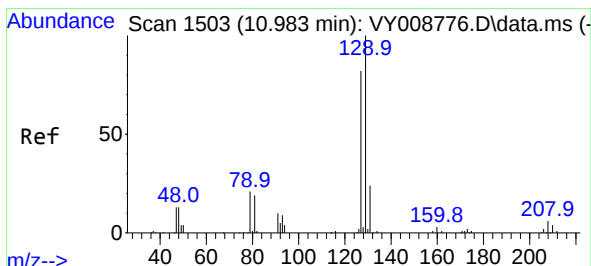
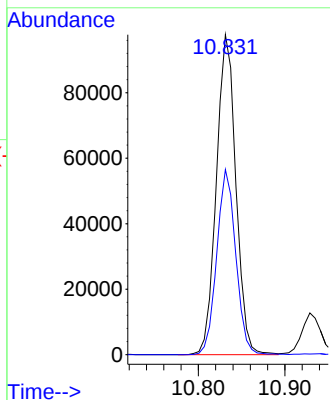
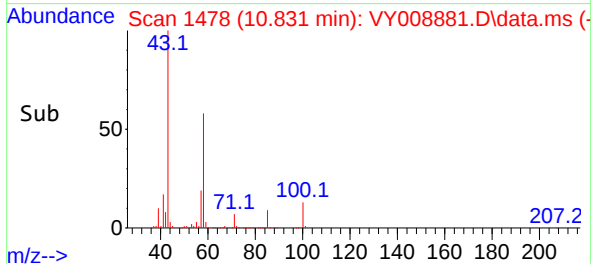
Instrument :
MSVOA_Y
ClientSampleId :
P022-SS002-0006-01MS



Tgt Ion: 43 Resp: 153108
Ion Ratio Lower Upper
43 100
58 56.3 24.4 73.4

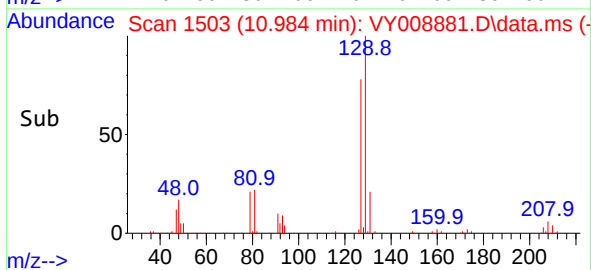
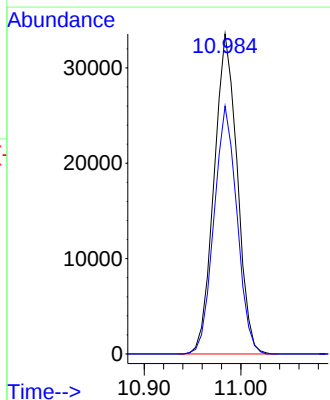
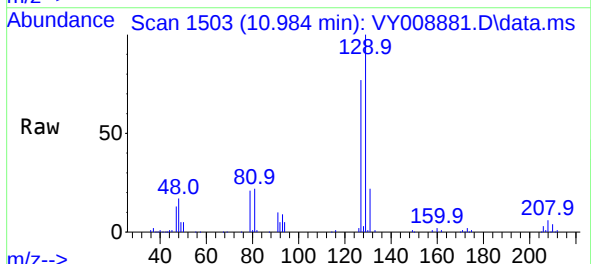
Manual Integrations
APPROVED

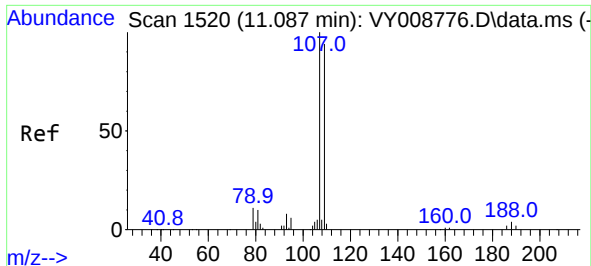
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#60
Dibromochloromethane
Concen: 54.344 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY008881.D
Acq: 19 May 2022 20:28

Tgt Ion:129 Resp: 55704
Ion Ratio Lower Upper
129 100
127 76.9 38.7 116.1





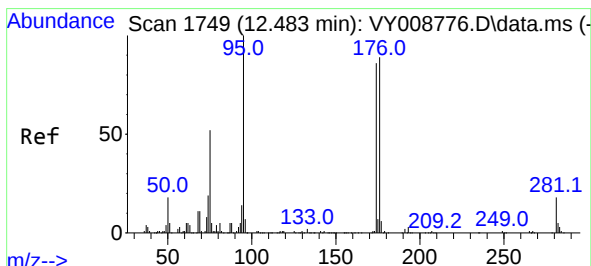
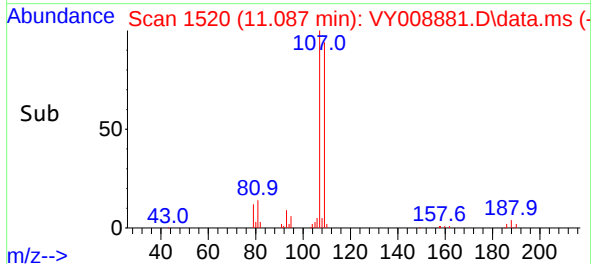
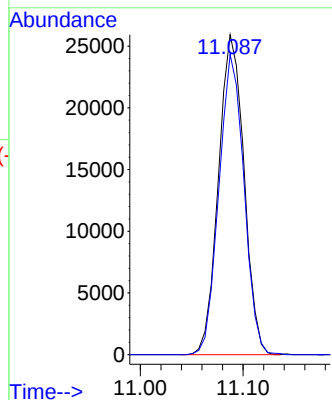
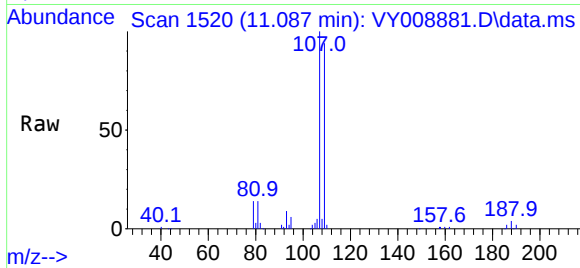
#61
1,2-Dibromoethane
Concen: 52.339 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008881.D
Acq: 19 May 2022 20:28

Instrument :
MSVOA_Y
ClientSampleId :
P022-SS002-0006-01MS

Tgt Ion:107 Resp: 4456
Ion Ratio Lower Upper
107 100
109 92.2 75.4 113.2

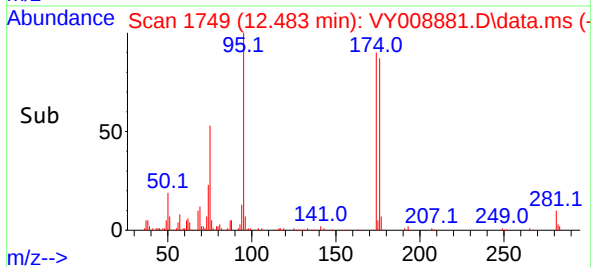
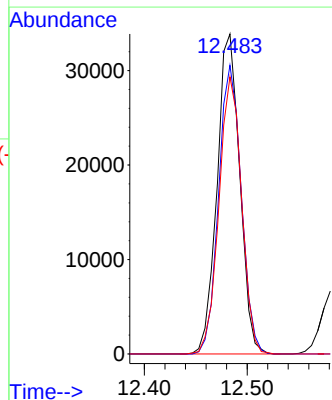
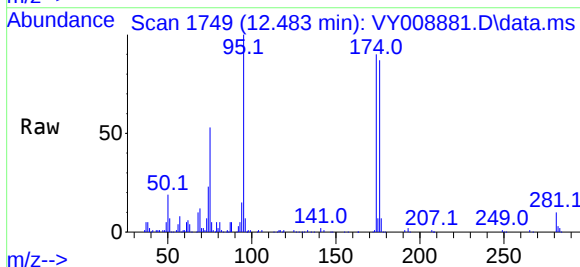
Manual Integrations
APPROVED

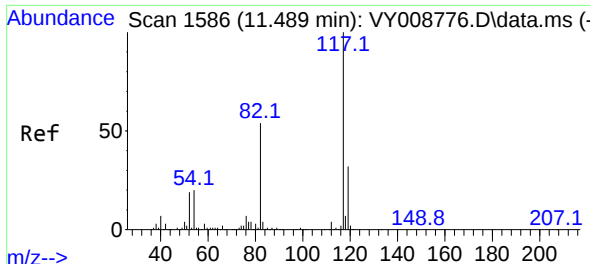
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#62
4-Bromofluorobenzene
Concen: 37.409 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008881.D
Acq: 19 May 2022 20:28

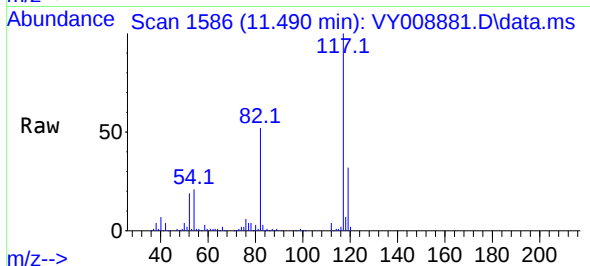
Tgt Ion: 95 Resp: 51896
Ion Ratio Lower Upper
95 100
174 89.8 0.0 177.0
176 86.2 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008881.D
Acq: 19 May 2022 20:28

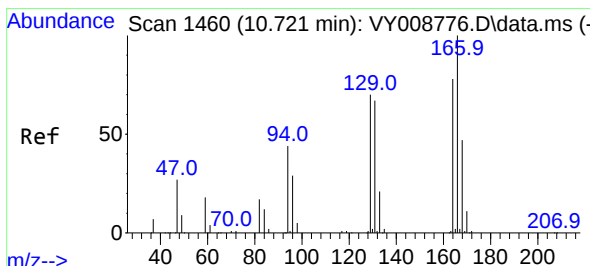
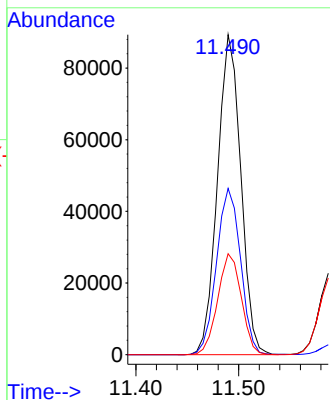
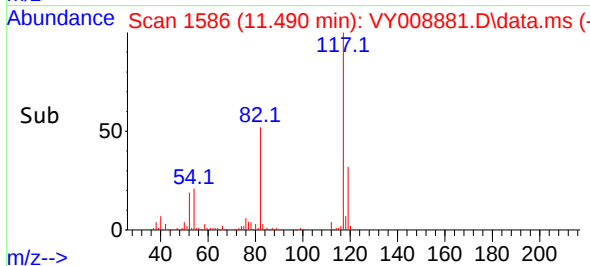
Instrument :
MSVOA_Y
ClientSampleId :
P022-SS002-0006-01MS



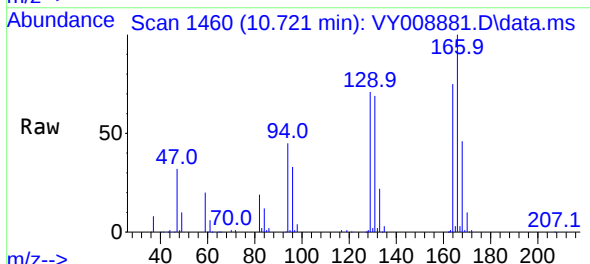
Tgt Ion:117 Resp: 140919
Ion Ratio Lower Upper
117 100
82 52.0 43.0 64.4
119 31.6 25.4 38.0

Manual Integrations
APPROVED

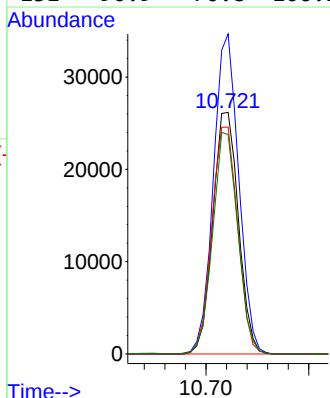
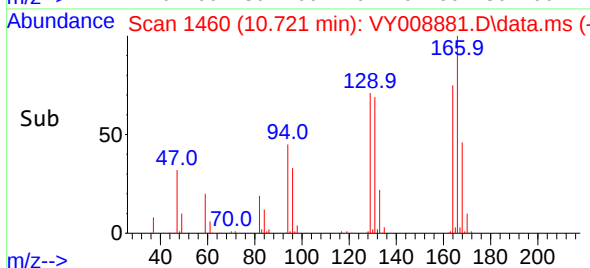
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

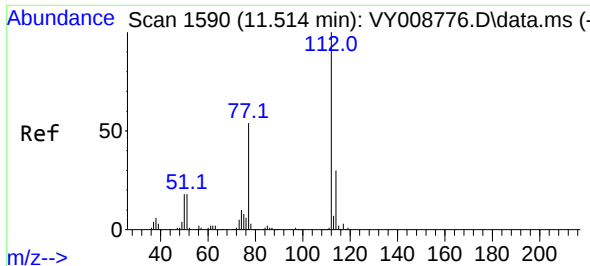


#64
Tetrachloroethene
Concen: 50.215 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY008881.D
Acq: 19 May 2022 20:28



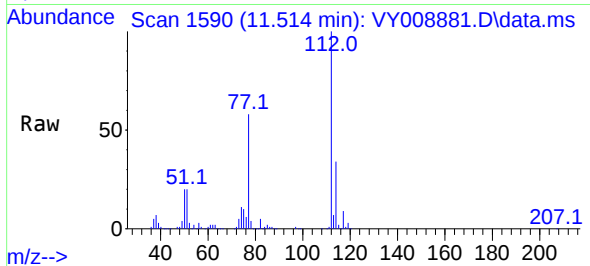
Tgt Ion:164 Resp: 45297
Ion Ratio Lower Upper
164 100
166 132.5 100.4 150.6
129 93.9 71.4 107.0
131 90.9 70.8 106.2





#65
Chlorobenzene
Concen: 45.684 ug/l
RT: 11.514 min Scan# 1150
Delta R.T. 0.000 min
Lab File: VY008881.D
Acq: 19 May 2022 20:28

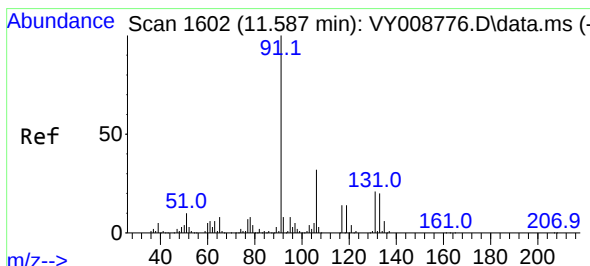
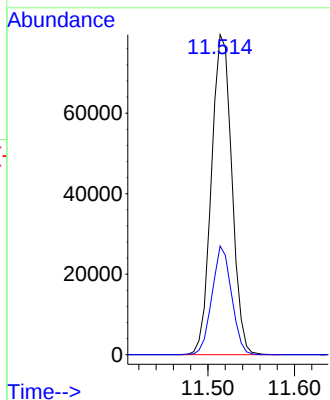
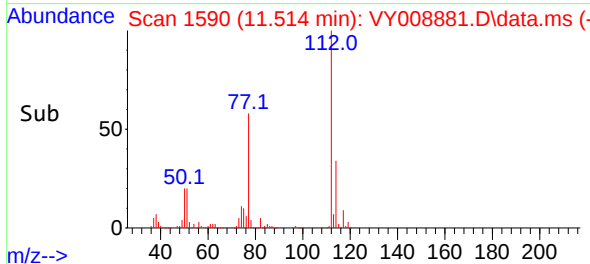
Instrument :
MSVOA_Y
ClientSampleId :
P022-SS002-0006-01MS



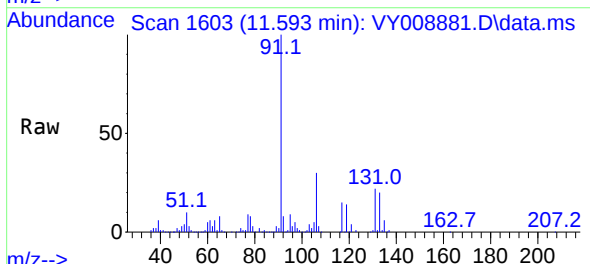
Tgt Ion:112 Resp: 13029
Ion Ratio Lower Upper
112 100
114 33.9 25.8 38.6

Manual Integrations
APPROVED

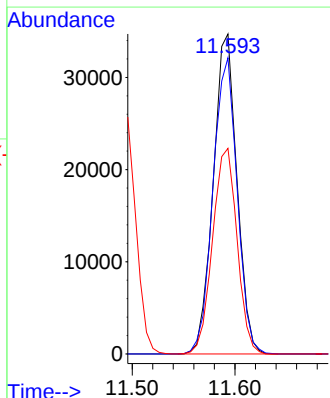
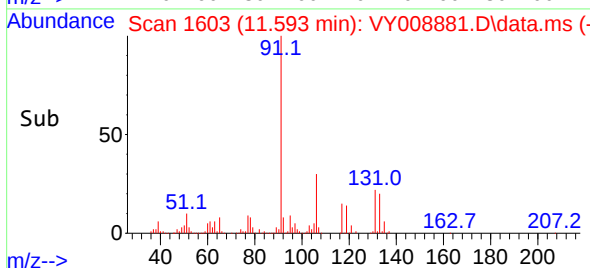
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

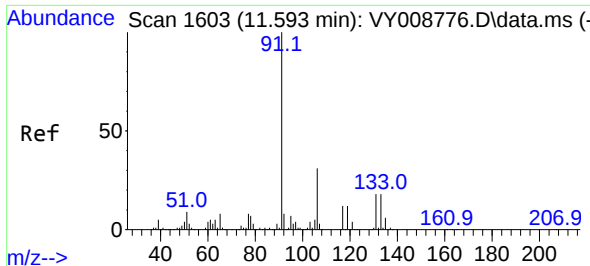


#66
1,1,1,2-Tetrachloroethane
Concen: 53.260 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY008881.D
Acq: 19 May 2022 20:28



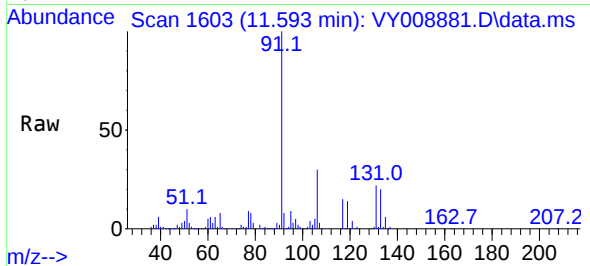
Tgt Ion:131 Resp: 55494
Ion Ratio Lower Upper
131 100
133 94.7 47.9 143.6
119 66.5 30.8 92.3





#67
Ethyl Benzene
Concen: 46.561 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY008881.D
Acq: 19 May 2022 20:28

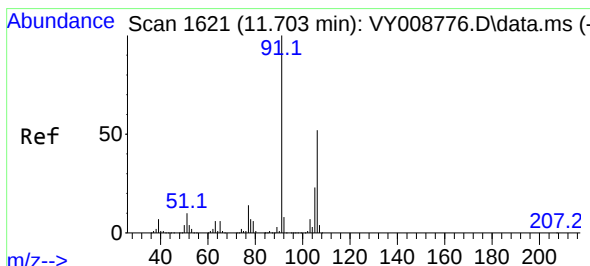
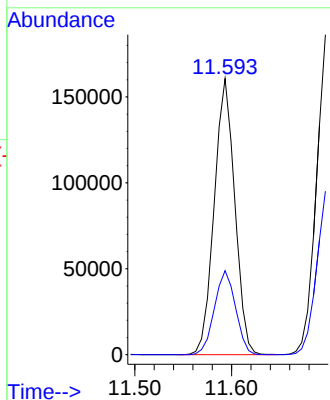
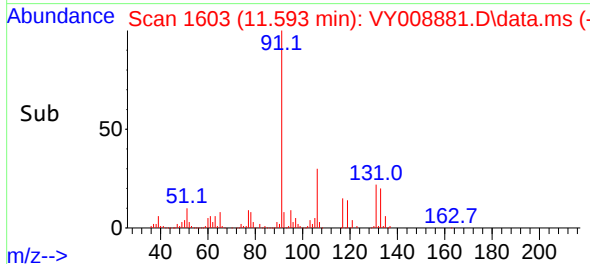
Instrument :
MSVOA_Y
ClientSampleId :
P022-SS002-0006-01MS



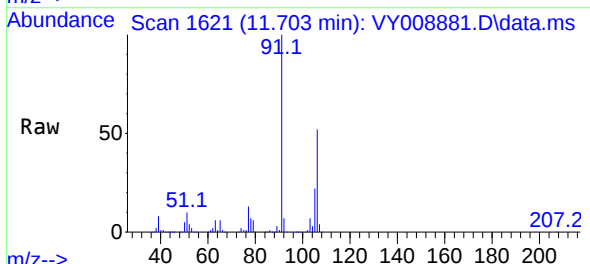
Tgt Ion: 91 Resp: 237140
Ion Ratio Lower Upper
91 100
106 30.4 24.5 36.7

Manual Integrations
APPROVED

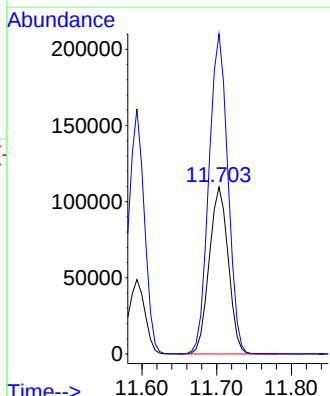
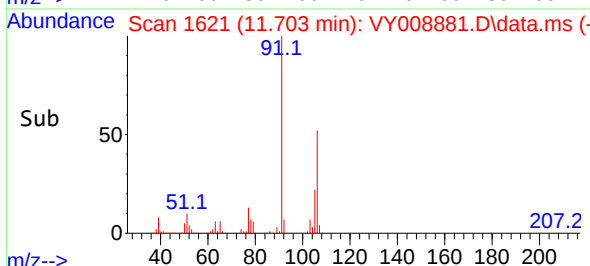
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

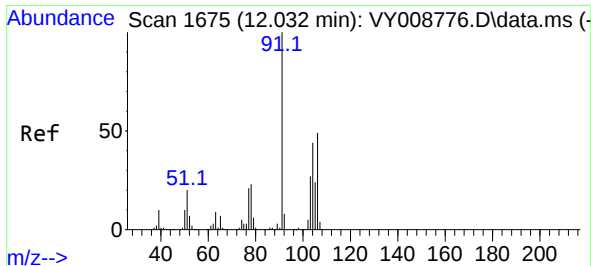


#68
m/p-Xylenes
Concen: 95.620 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY008881.D
Acq: 19 May 2022 20:28



Tgt Ion:106 Resp: 194020
Ion Ratio Lower Upper
106 100
91 191.2 166.6 249.8





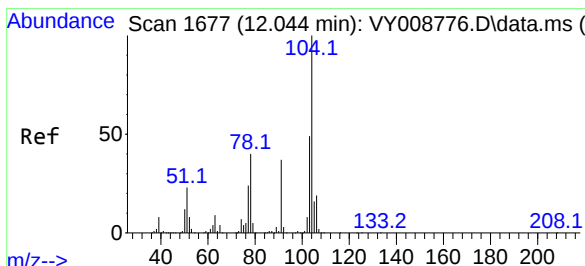
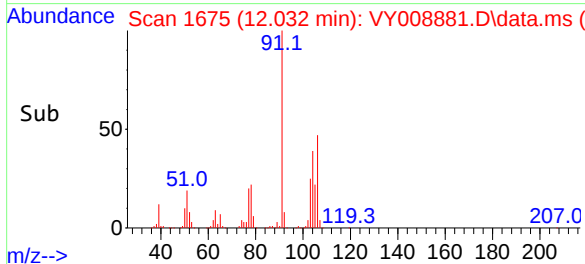
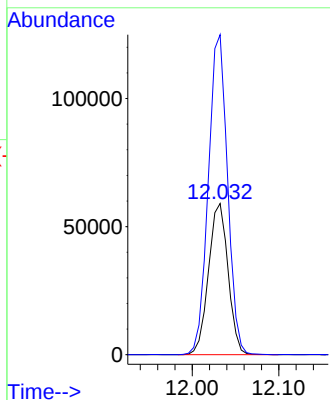
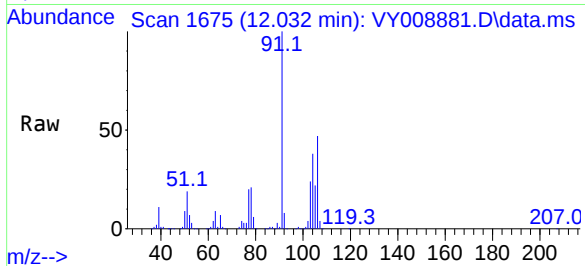
#69
o-Xylene
Concen: 49.332 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY008881.D
Acq: 19 May 2022 20:28

Instrument :
MSVOA_Y
ClientSampleId :
P022-SS002-0006-01MS

Tgt Ion:106 Resp: 92489
Ion Ratio Lower Upper
106 100
91 207.8 110.3 331.0

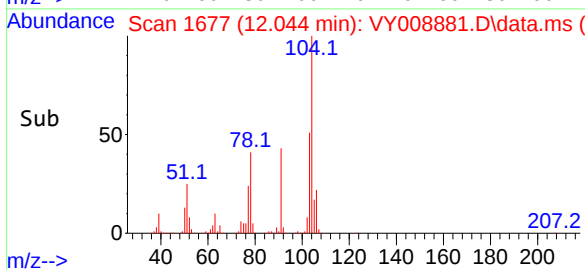
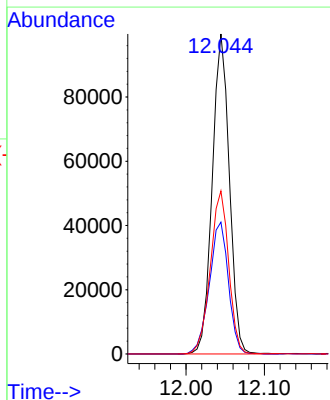
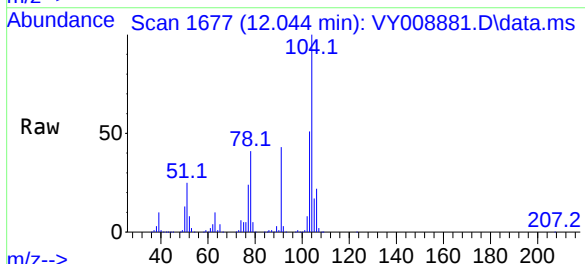
Manual Integrations
APPROVED

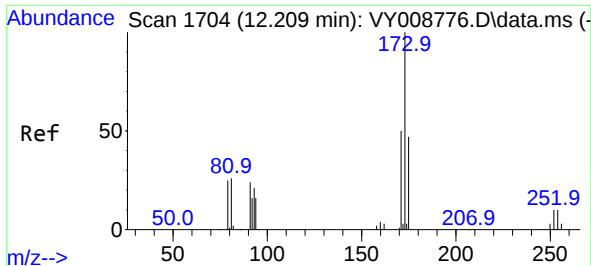
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#70
Styrene
Concen: 47.683 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY008881.D
Acq: 19 May 2022 20:28

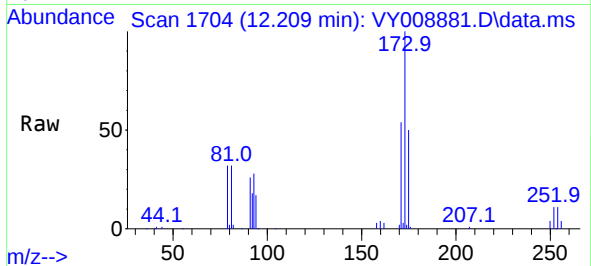
Tgt Ion:104 Resp: 151334
Ion Ratio Lower Upper
104 100
78 46.1 42.4 63.6
103 54.8 44.4 66.6





#71
Bromoform
Concen: 50.612 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VY008881.D
Acq: 19 May 2022 20:28

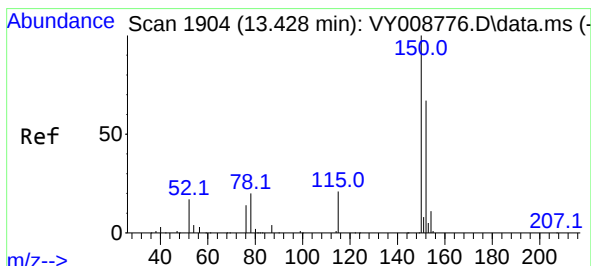
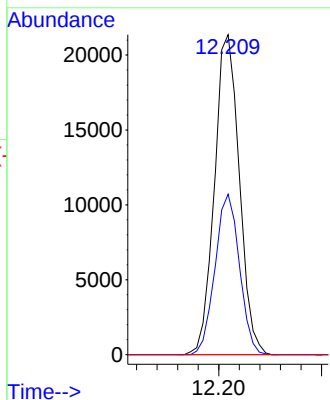
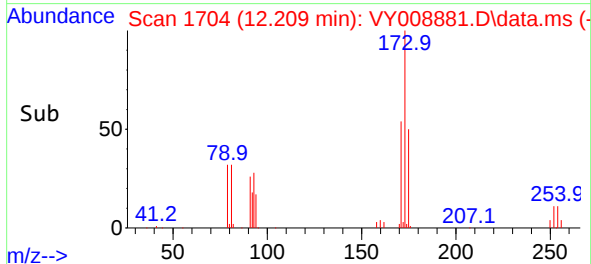
Instrument :
MSVOA_Y
ClientSampleId :
P022-SS002-0006-01MS



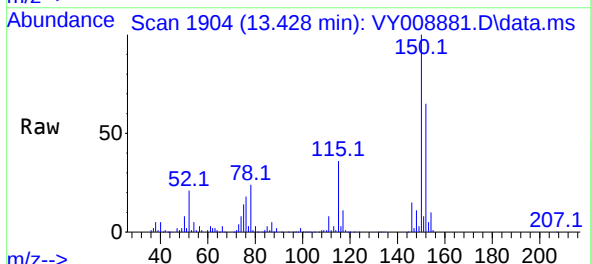
Tgt Ion:173 Resp: 35799
Ion Ratio Lower Upper
173 100
175 49.2 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

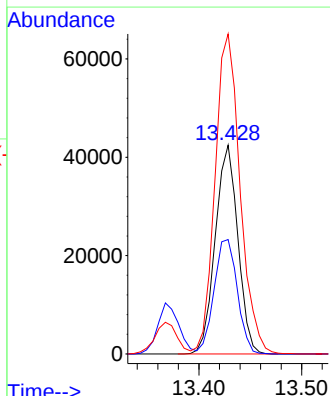
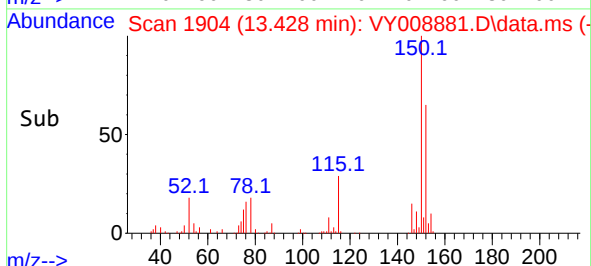
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

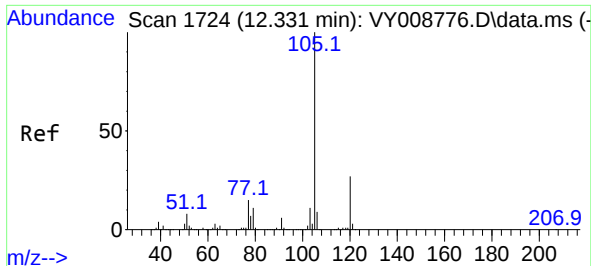


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008881.D
Acq: 19 May 2022 20:28



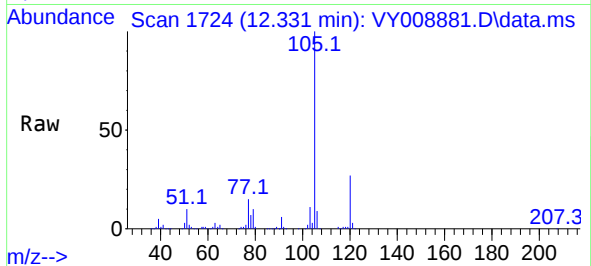
Tgt Ion:152 Resp: 64784
Ion Ratio Lower Upper
152 100
115 56.4 28.2 84.7
150 170.1 0.0 347.6





#73
Isopropylbenzene
Concen: 50.948 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008881.D
Acq: 19 May 2022 20:28

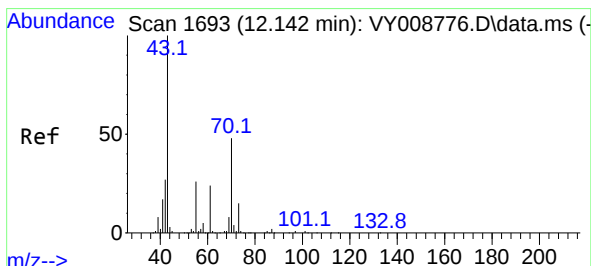
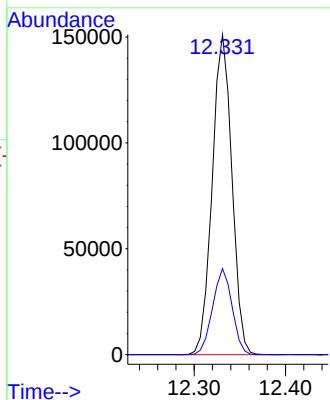
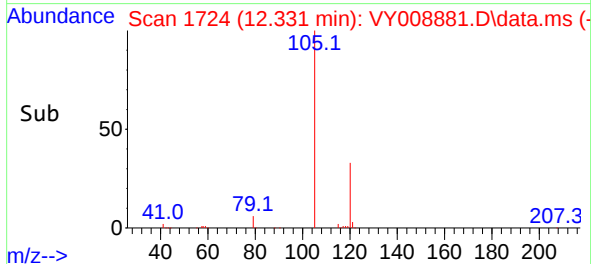
Instrument :
MSVOA_Y
ClientSampleId :
P022-SS002-0006-01MS



Tgt Ion:105 Resp: 226360
Ion Ratio Lower Upper
105 100
120 26.6 13.4 40.2

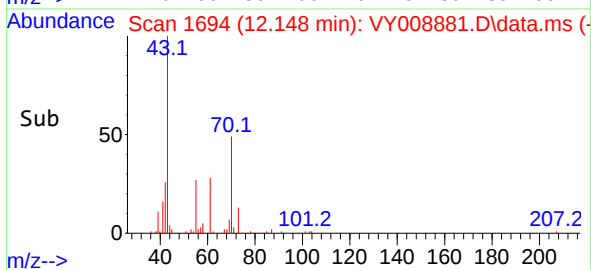
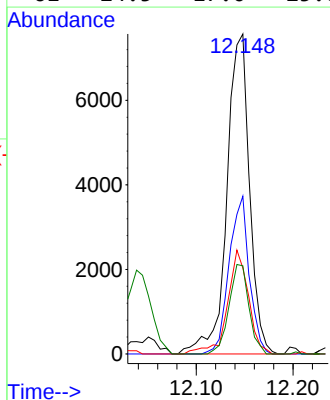
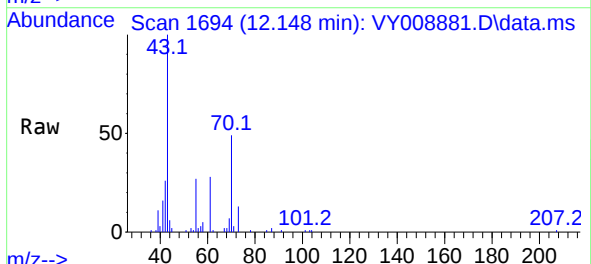
Manual Integrations
APPROVED

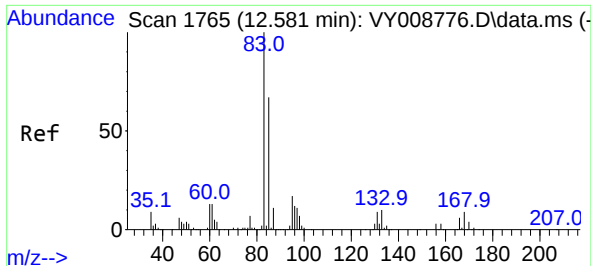
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#74
N-ethyl acetate
Concen: 11.621 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VY008881.D
Acq: 19 May 2022 20:28

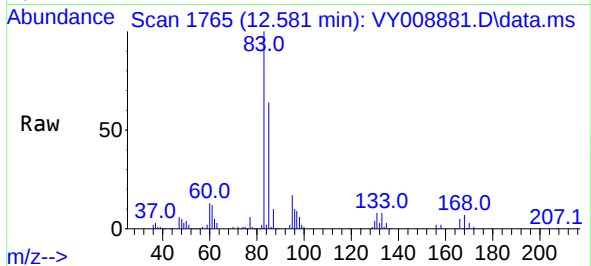
Tgt Ion: 43 Resp: 12325
Ion Ratio Lower Upper
43 100
70 43.7 28.7 43.1#
55 29.9 17.3 25.9#
61 24.5 17.0 25.6





#75
1,1,2,2-Tetrachloroethane
Concen: 62.606 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY008881.D
Acq: 19 May 2022 20:28

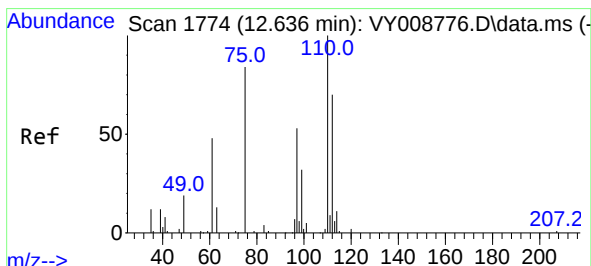
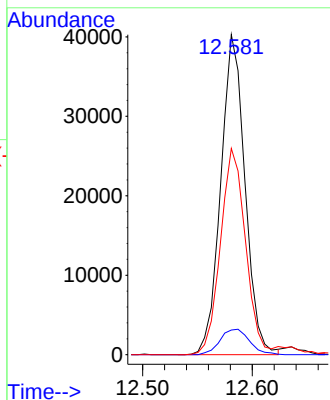
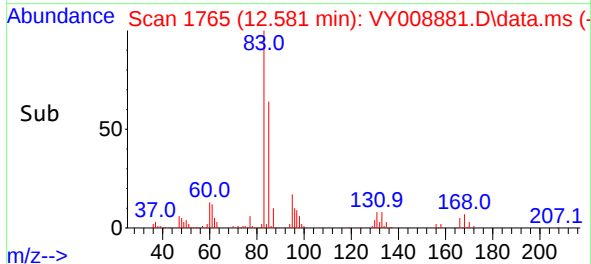
Instrument :
MSVOA_Y
ClientSampleId :
P022-SS002-0006-01MS



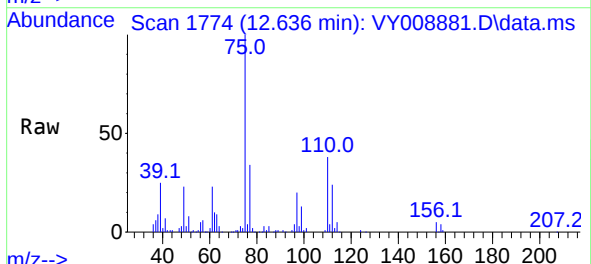
Tgt Ion: 83 Resp: 61840
Ion Ratio Lower Upper
83 100
131 9.6 5.6 16.8
85 66.6 32.3 96.8

Manual Integrations
APPROVED

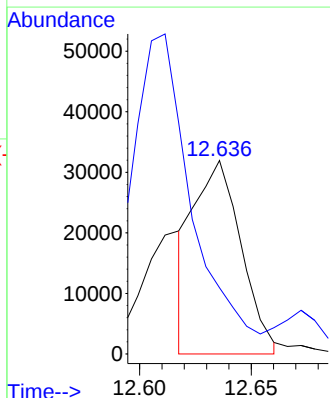
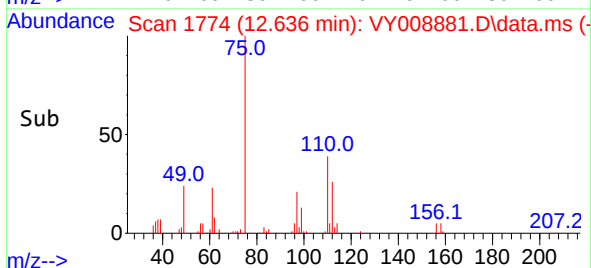
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

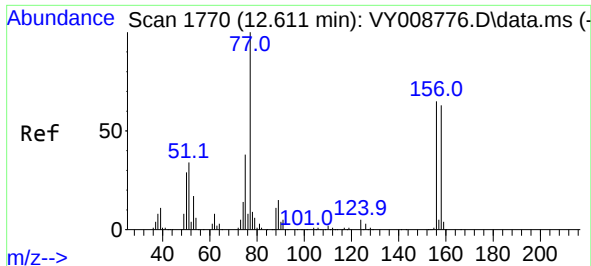


#76
1,2,3-Trichloropropane
Concen: 63.234 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY008881.D
Acq: 19 May 2022 20:28



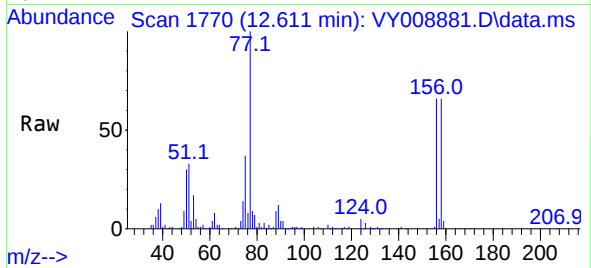
Tgt Ion: 75 Resp: 47321
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 52.448 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY008881.D
Acq: 19 May 2022 20:28

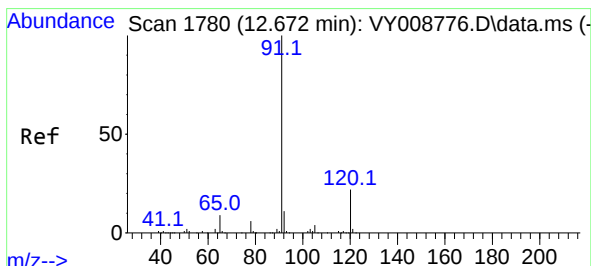
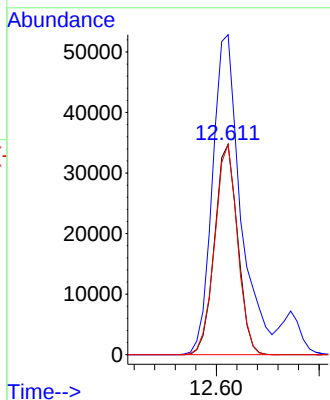
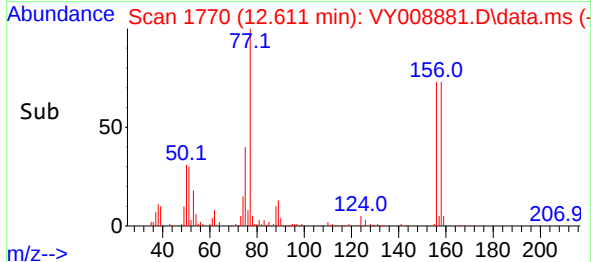
Instrument :
MSVOA_Y
ClientSampleId :
P022-SS002-0006-01MS



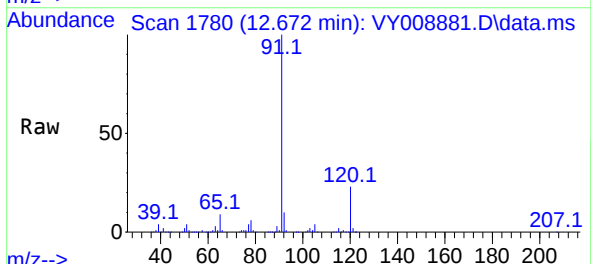
Tgt Ion: 156 Resp: 53990
Ion Ratio Lower Upper
156 100
77 185.6 95.5 286.4
158 98.9 48.0 144.0

Manual Integrations
APPROVED

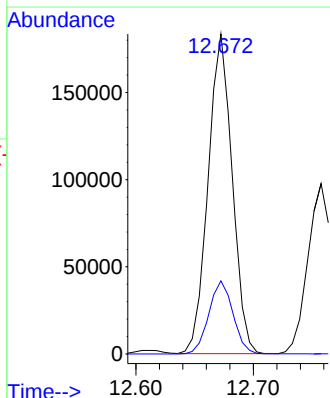
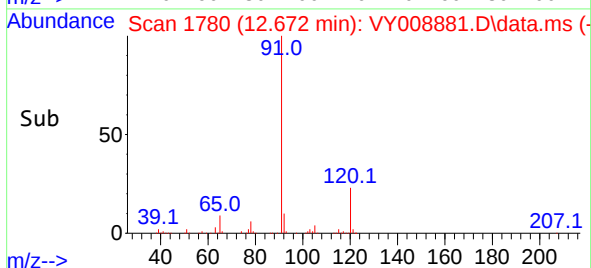
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

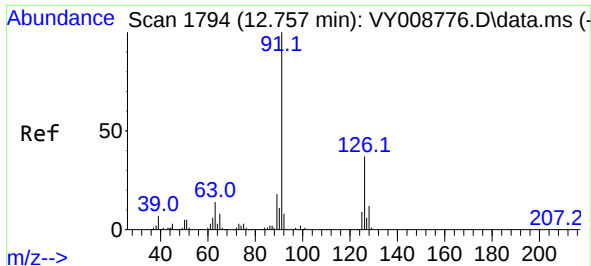


#78
n-propylbenzene
Concen: 47.823 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY008881.D
Acq: 19 May 2022 20:28



Tgt Ion: 91 Resp: 261039
Ion Ratio Lower Upper
91 100
120 22.9 11.3 33.9





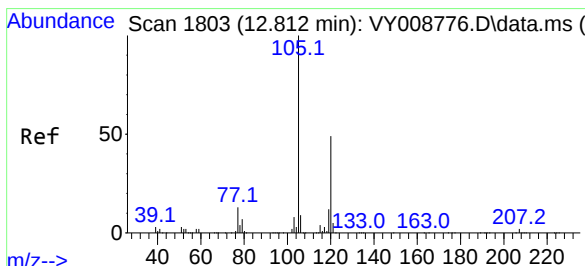
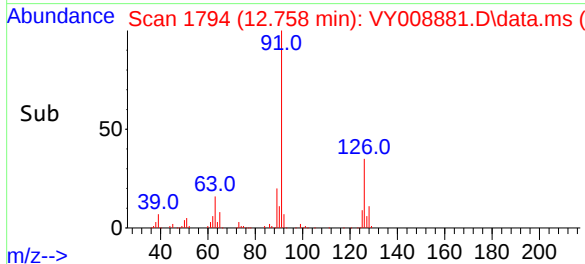
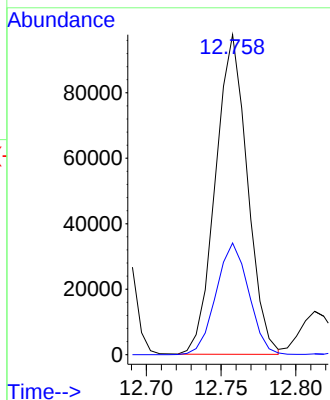
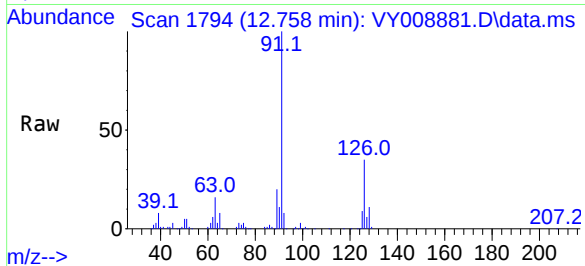
#79
2-Chlorotoluene
Concen: 48.919 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008881.D
Acq: 19 May 2022 20:28

Instrument :
MSVOA_Y
ClientSampleId :
P022-SS002-0006-01MS

Tgt Ion: 91 Resp: 144628
Ion Ratio Lower Upper
91 100
126 35.9 16.9 50.6

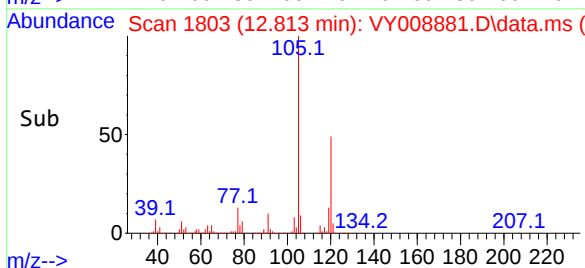
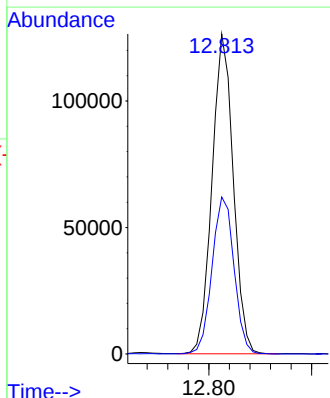
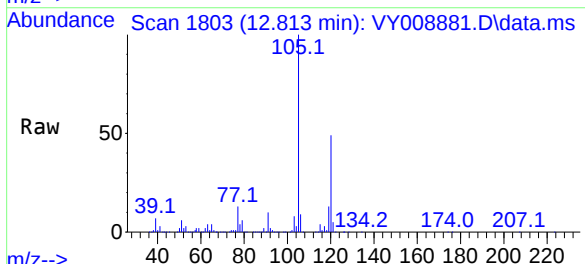
Manual Integrations
APPROVED

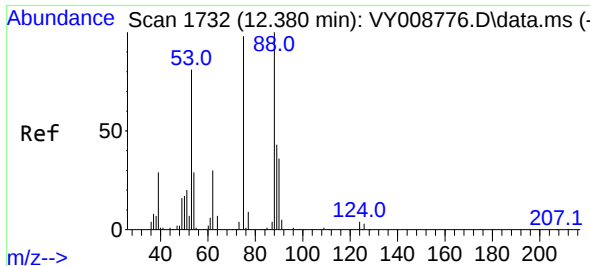
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#80
1,3,5-Trimethylbenzene
Concen: 50.447 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY008881.D
Acq: 19 May 2022 20:28

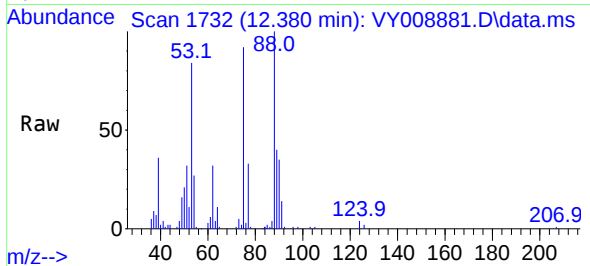
Tgt Ion:105 Resp: 180971
Ion Ratio Lower Upper
105 100
120 50.9 24.4 73.4





#81
trans-1,4-Dichloro-2-butene
Concen: 54.774 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY008881.D
Acq: 19 May 2022 20:28

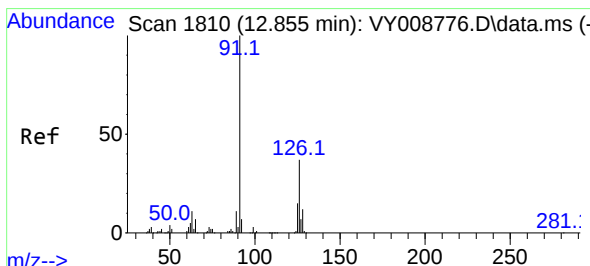
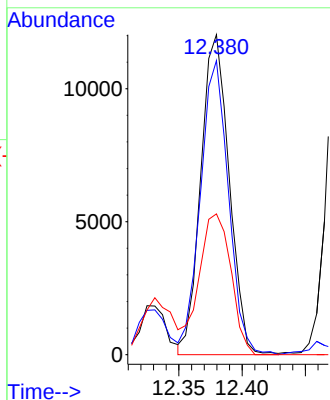
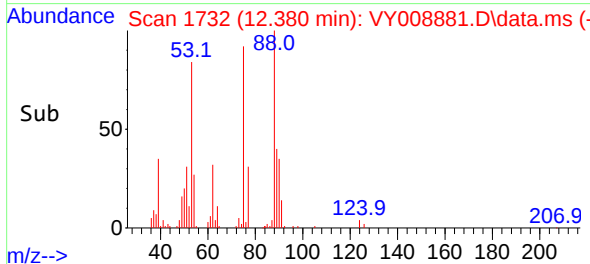
Instrument :
MSVOA_Y
ClientSampleId :
P022-SS002-0006-01MS



Tgt Ion: 75 Resp: 18740
Ion Ratio Lower Upper
75 100
53 91.3 85.3 127.9
89 50.0 37.0 55.4

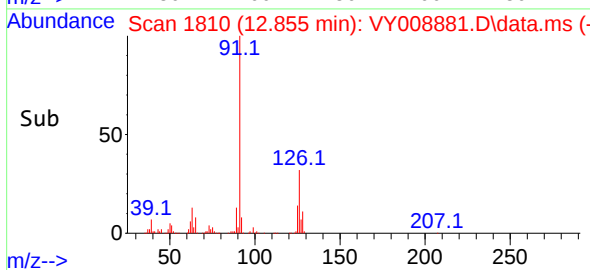
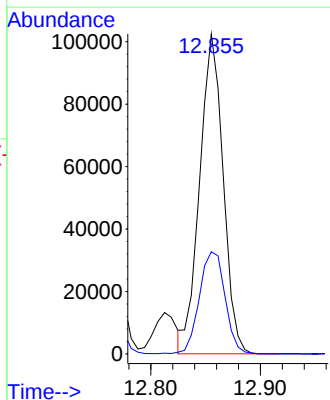
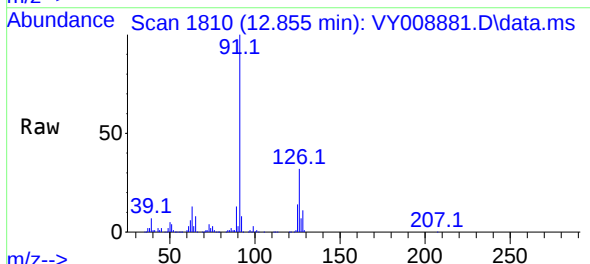
Manual Integrations
APPROVED

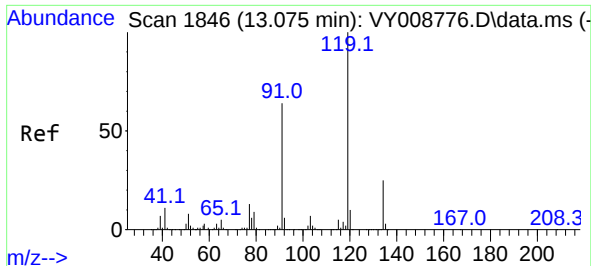
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#82
4-Chlorotoluene
Concen: 48.756 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY008881.D
Acq: 19 May 2022 20:28

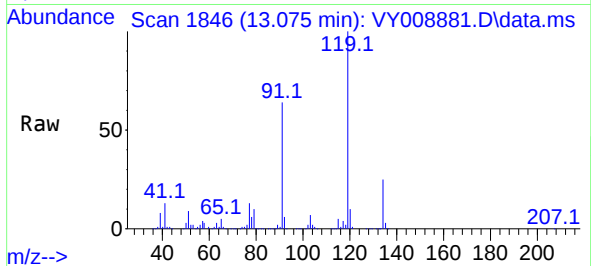
Tgt Ion: 91 Resp: 152280
Ion Ratio Lower Upper
91 100
126 35.0 17.0 51.0





#83
tert-Butylbenzene
Concen: 49.255 ug/l
RT: 13.075 min Scan# 119
Delta R.T. 0.000 min
Lab File: VY008881.D
Acq: 19 May 2022 20:28

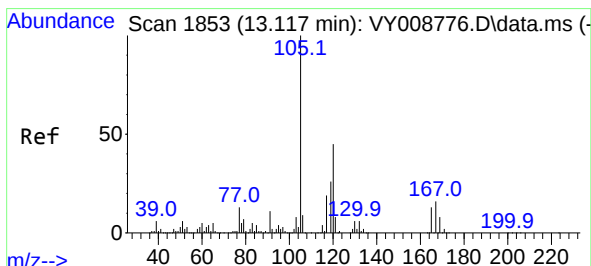
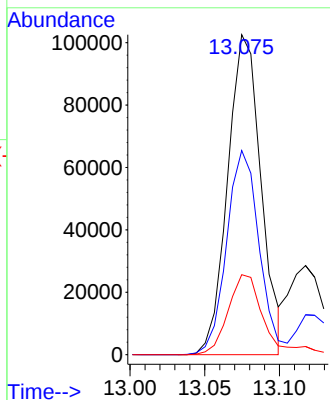
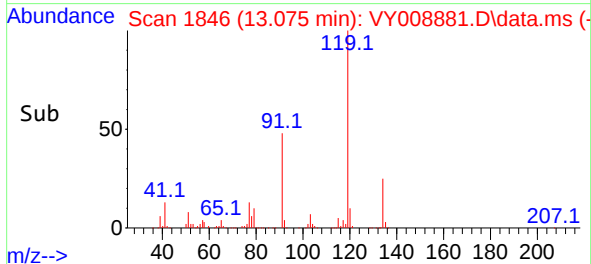
Instrument :
MSVOA_Y
ClientSampleId :
P022-SS002-0006-01MS



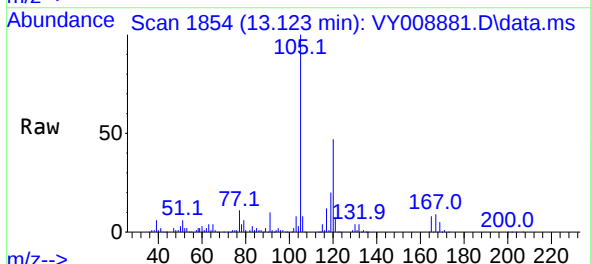
Tgt Ion:119 Resp: 158909
Ion Ratio Lower Upper
119 100
91 62.5 34.8 104.4
134 26.9 13.3 39.9

Manual Integrations
APPROVED

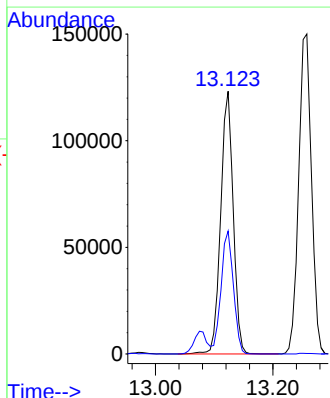
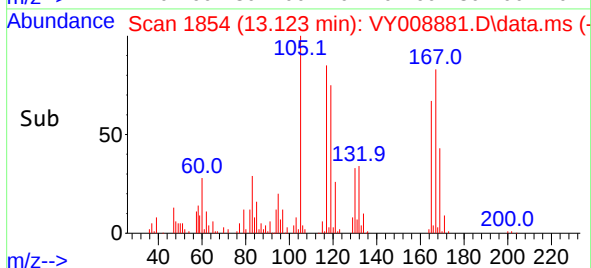
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

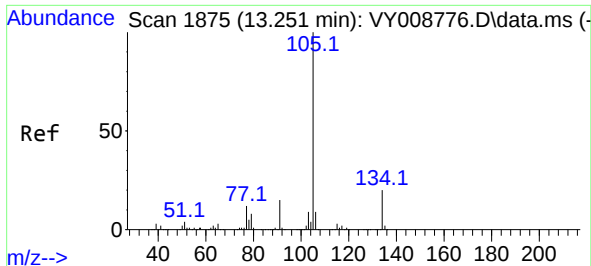


#84
1,2,4-Trimethylbenzene
Concen: 51.253 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY008881.D
Acq: 19 May 2022 20:28



Tgt Ion:105 Resp: 182019
Ion Ratio Lower Upper
105 100
120 46.4 22.3 66.9





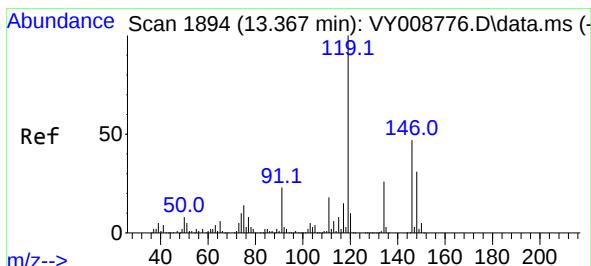
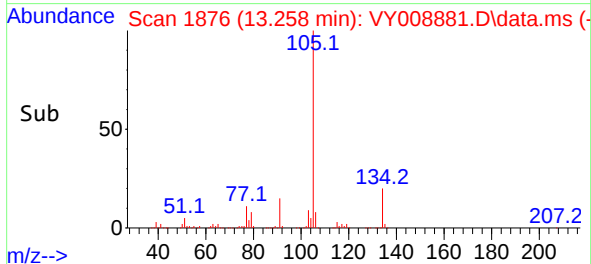
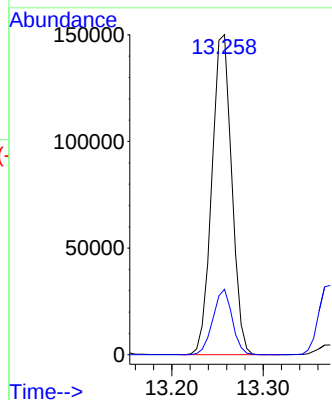
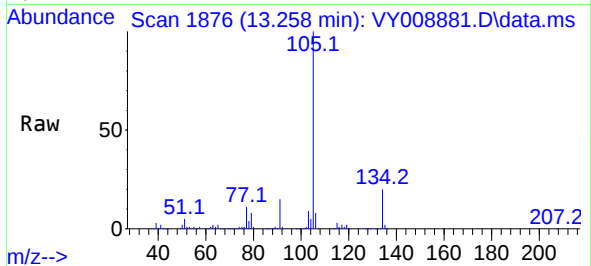
#85
 sec-Butylbenzene
 Concen: 44.998 ug/l
 RT: 13.258 min Scan# 1875
 Delta R.T. 0.006 min
 Lab File: VY008881.D
 Acq: 19 May 2022 20:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 P022-SS002-0006-01MS

Tgt Ion:105 Resp: 226499
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.2 30.4

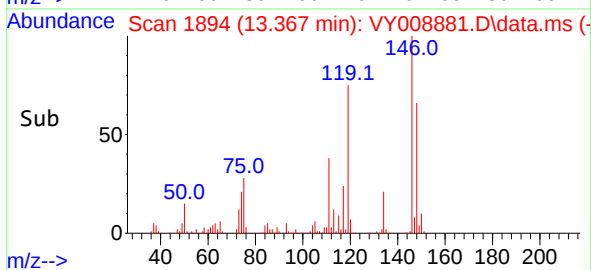
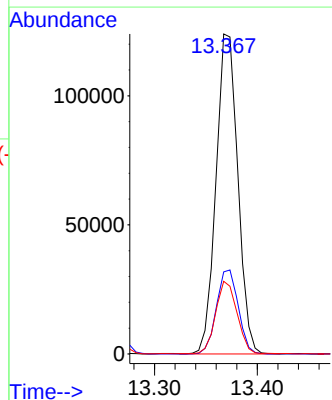
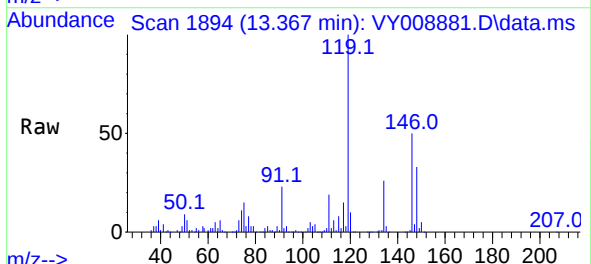
Manual Integrations
 APPROVED

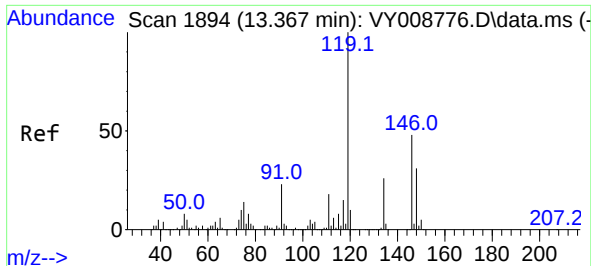
Reviewed By :John Carlone 05/24/2022
 Supervised By :Mahesh Dadoda 05/24/2022



#86
 p-Isopropyltoluene
 Concen: 44.497 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY008881.D
 Acq: 19 May 2022 20:28

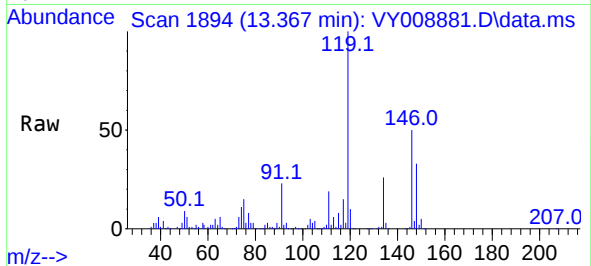
Tgt Ion:119 Resp: 182626
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.2 39.5
 91 22.6 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 43.303 ug/l
RT: 13.367 min Scan# 1191
Delta R.T. 0.000 min
Lab File: VY008881.D
Acq: 19 May 2022 20:28

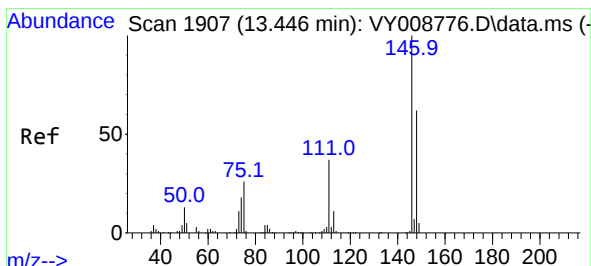
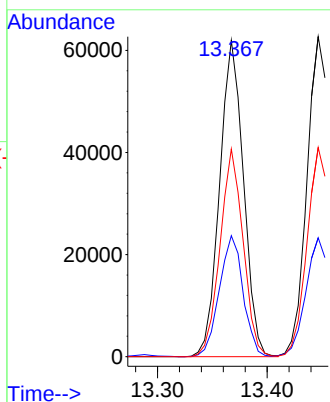
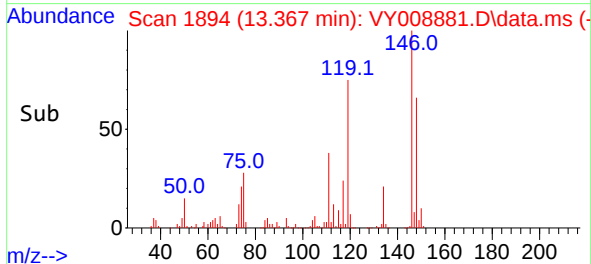
Instrument :
MSVOA_Y
ClientSampleId :
P022-SS002-0006-01MS



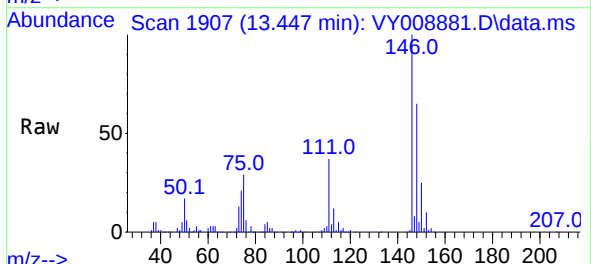
Tgt Ion:146 Resp: 93674
Ion Ratio Lower Upper
146 100
111 38.2 19.5 58.5
148 63.5 31.6 95.0

Manual Integrations
APPROVED

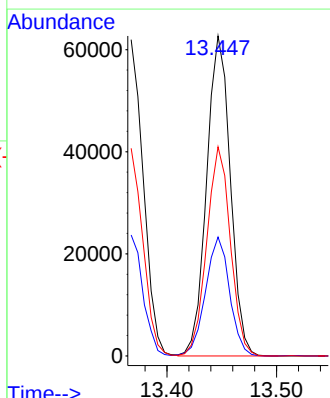
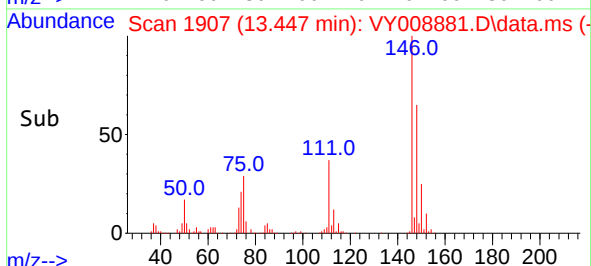
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

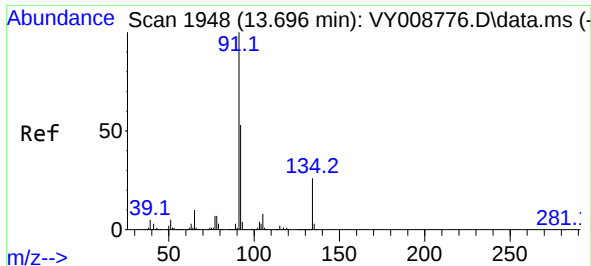


#88
1,4-Dichlorobenzene
Concen: 44.072 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY008881.D
Acq: 19 May 2022 20:28



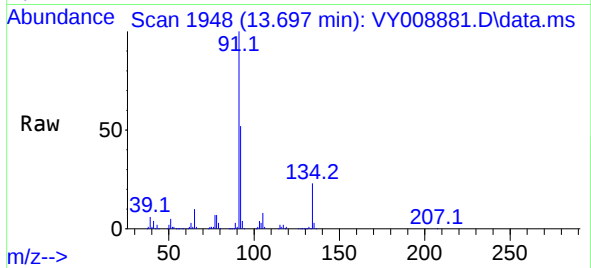
Tgt Ion:146 Resp: 94300
Ion Ratio Lower Upper
146 100
111 37.8 19.3 57.8
148 65.2 32.6 97.8





#89
n-Butylbenzene
Concen: 37.090 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY008881.D
Acq: 19 May 2022 20:28

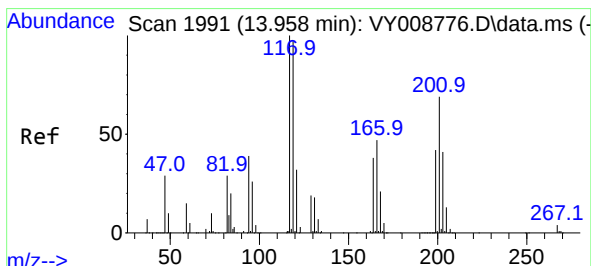
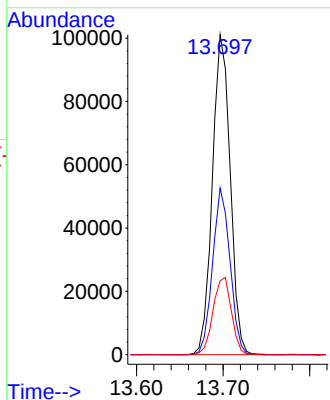
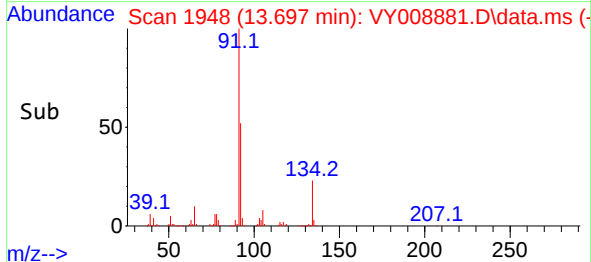
Instrument :
MSVOA_Y
ClientSampleId :
P022-SS002-0006-01MS



Tgt Ion: 91 Resp: 14449
Ion Ratio Lower Upper
91 100
92 50.9 26.3 78.9
134 24.9 13.0 38.9

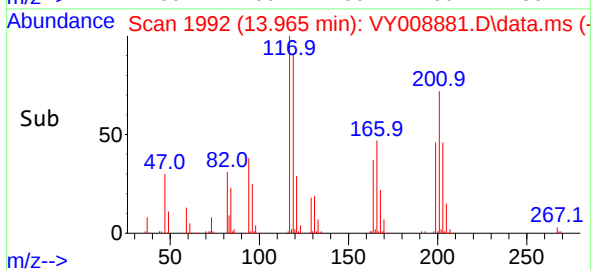
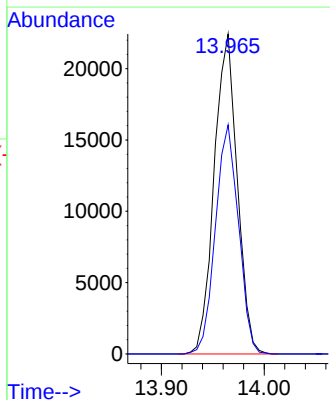
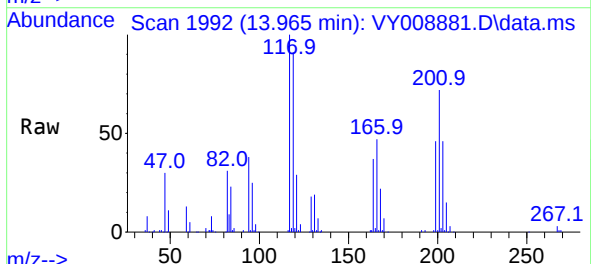
Manual Integrations
APPROVED

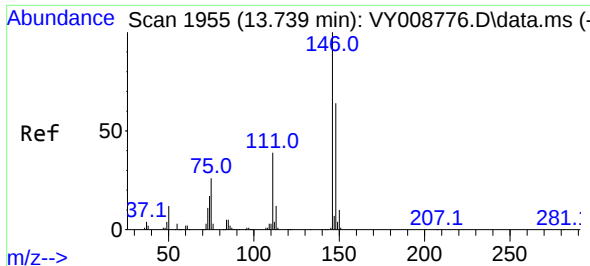
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#90
Hexachloroethane
Concen: 45.053 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY008881.D
Acq: 19 May 2022 20:28

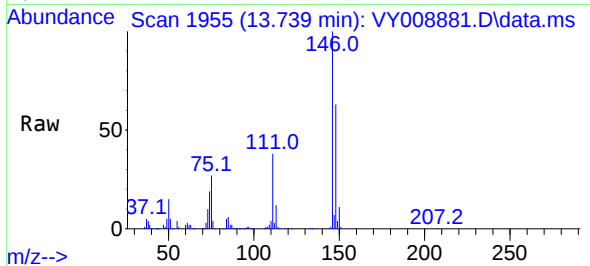
Tgt Ion:117 Resp: 34960
Ion Ratio Lower Upper
117 100
201 71.5 43.0 128.8





#91
1,2-Dichlorobenzene
Concen: 45.938 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY008881.D
Acq: 19 May 2022 20:28

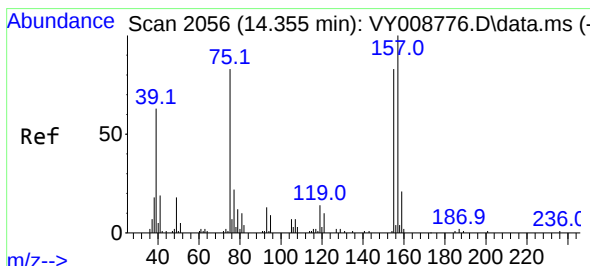
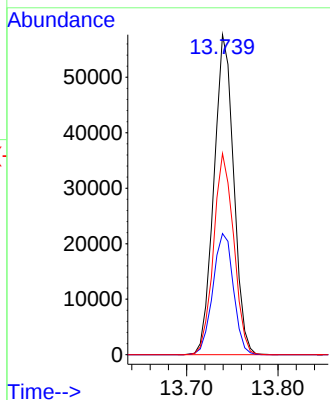
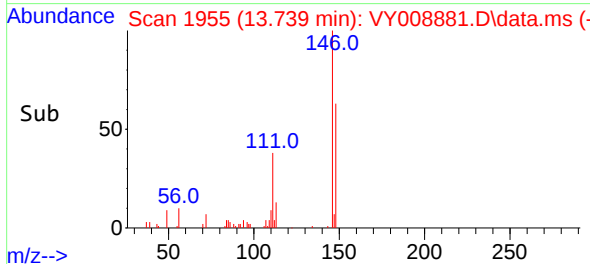
Instrument :
MSVOA_Y
ClientSampleId :
P022-SS002-0006-01MS



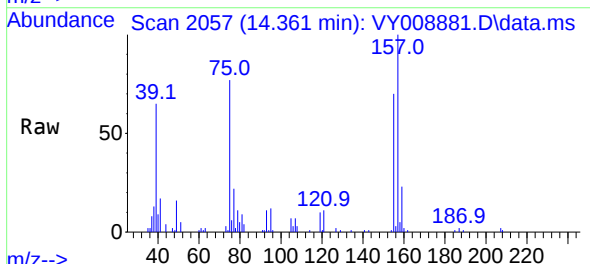
Tgt Ion:146 Resp: 86902
Ion Ratio Lower Upper
146 100
111 39.4 20.3 60.9
148 64.1 32.3 96.9

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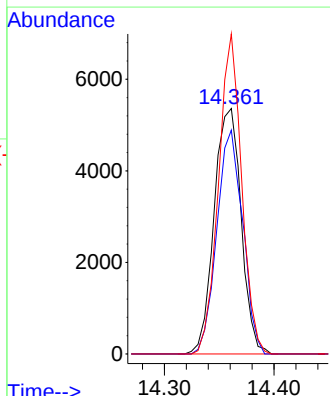
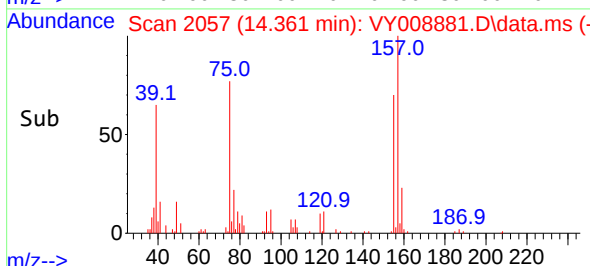
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

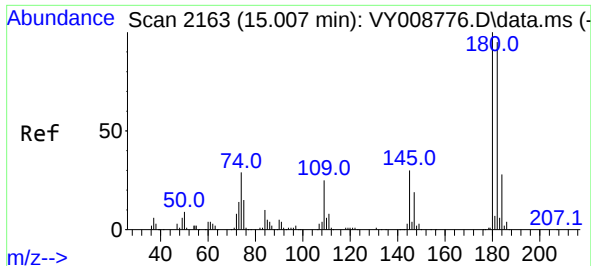


#92
1,2-Dibromo-3-Chloropropane
Concen: 54.295 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY008881.D
Acq: 19 May 2022 20:28



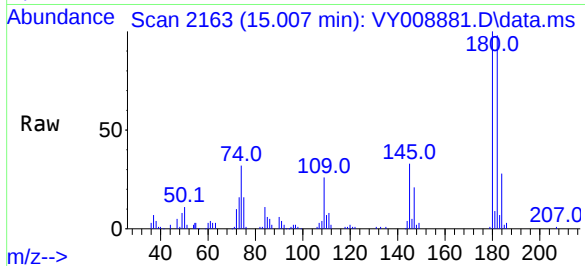
Tgt Ion: 75 Resp: 9170
Ion Ratio Lower Upper
75 100
155 87.3 38.0 113.9
157 111.6 47.8 143.3





#93
1,2,4-Trichlorobenzene
Concen: 29.664 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY008881.D
Acq: 19 May 2022 20:28

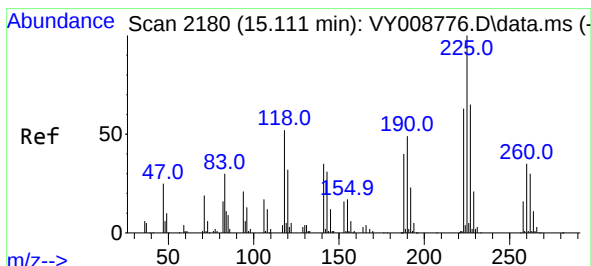
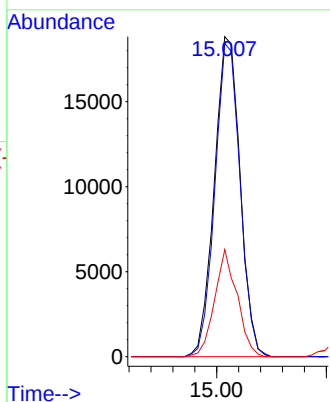
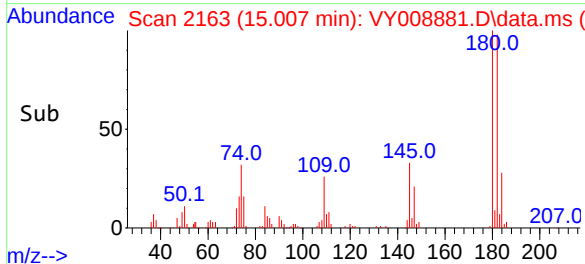
Instrument :
MSVOA_Y
ClientSampleId :
P022-SS002-0006-01MS



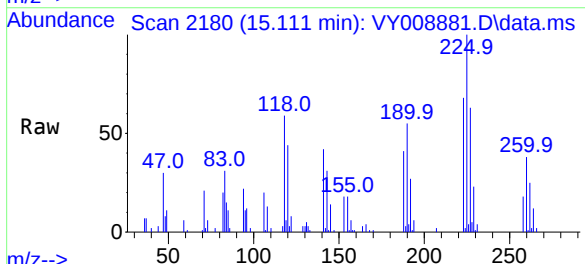
Tgt Ion:180 Resp: 3064
Ion Ratio Lower Upper
180 100
182 95.8 47.3 141.9
145 29.4 14.6 43.8

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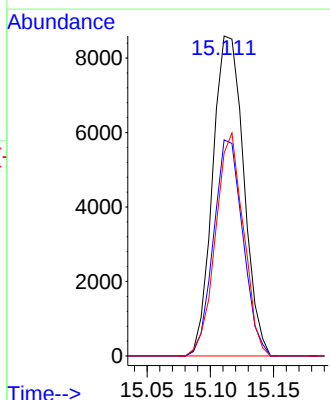
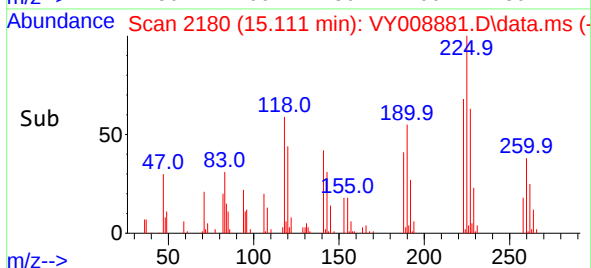
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

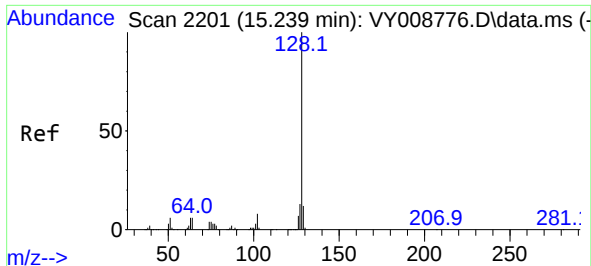


#94
Hexachlorobutadiene
Concen: 24.593 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. 0.000 min
Lab File: VY008881.D
Acq: 19 May 2022 20:28



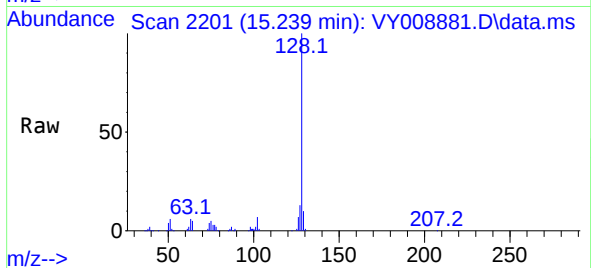
Tgt Ion:225 Resp: 14619
Ion Ratio Lower Upper
225 100
223 63.9 30.8 92.3
227 63.0 31.6 94.7





#95
Naphthalene
Concen: 37.346 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY008881.D
Acq: 19 May 2022 20:28

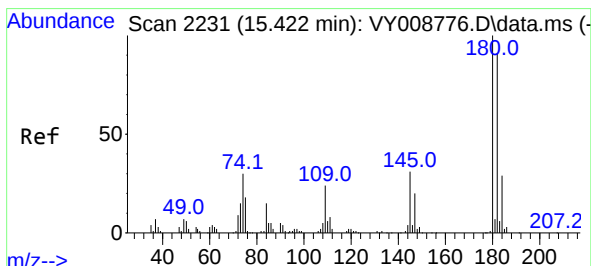
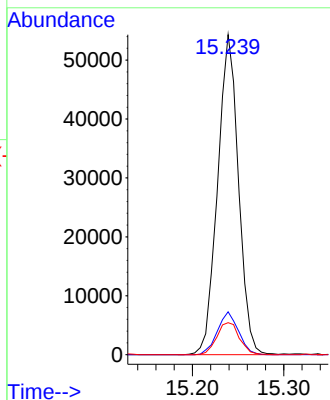
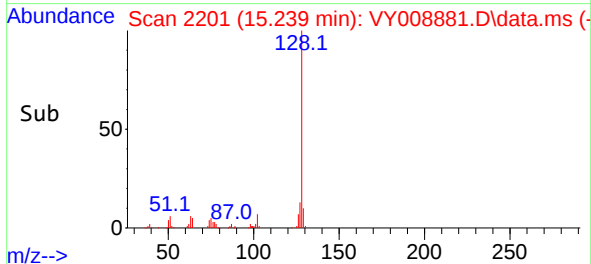
Instrument :
MSVOA_Y
ClientSampleId :
P022-SS002-0006-01MS



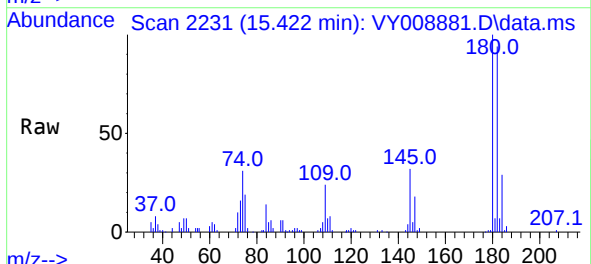
Tgt Ion:128 Resp: 86244
Ion Ratio Lower Upper
128 100
127 13.6 11.0 16.4
129 10.9 8.4 12.6

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 29.768 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. 0.000 min
Lab File: VY008881.D
Acq: 19 May 2022 20:28



Tgt Ion:180 Resp: 27014
Ion Ratio Lower Upper
180 100
182 95.8 47.3 141.9
145 30.2 15.3 45.9

