

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052322\
 Data File : VY009006.D
 Acq On : 23 May 2022 15:07
 Operator : KP/MD
 Sample : N2887-05MS
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P038-SS001-0006-01MS

Quant Time: May 24 01:48:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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	81739	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	141960	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	122049	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	47999	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	40953	48.681	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.360%		
35) Dibromofluoromethane	7.710	113	40631	46.027	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.060%		
50) Toluene-d8	10.179	98	118555	36.404	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	72.800%		
62) 4-Bromofluorobenzene	12.477	95	45078	34.314	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	68.620%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	45408	60.738	ug/l	95
3) Chloromethane	2.107	50	79629	74.348	ug/l	96
4) Vinyl Chloride	2.247	62	116282	73.282	ug/l	97
5) Bromomethane	2.643	94	95258	61.243	ug/l	99
6) Chloroethane	2.790	64	79042	70.314	ug/l	99
7) Trichlorofluoromethane	3.119	101	77423	57.456	ug/l	90
8) Diethyl Ether	3.521	74	27243	64.656	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.893	101	43332	52.321	ug/l	92
10) Methyl Iodide	4.088	142	41835	48.919	ug/l	94
11) Tert butyl alcohol	4.954	59	23671	277.407	ug/l #	95
12) 1,1-Dichloroethene	3.863	96	44614	58.029	ug/l	85
13) Acrolein	3.722	56	1745	62.129	ug/l	99
14) Allyl chloride	4.478	41	70986	61.267	ug/l #	88
15) Acrylonitrile	5.155	53	71542	303.248	ug/l	99
16) Acetone	3.942	43	63119	360.452	ug/l #	89
17) Carbon Disulfide	4.186	76	140920	56.105	ug/l	98
18) Methyl Acetate	4.472	43	120020	220.102	ug/l #	91
19) Methyl tert-butyl Ether	5.216	73	146231	63.369	ug/l	98
20) Methylene Chloride	4.710	84	58465	61.642	ug/l	88
21) trans-1,2-Dichloroethene	5.216	96	56916	57.677	ug/l	87
22) Diisopropyl ether	6.112	45	163447	58.719	ug/l	94
23) Vinyl Acetate	6.112	43	166228m	90.279	ug/l	
24) 1,1-Dichloroethane	6.015	63	97369	58.484	ug/l	98
25) 2-Butanone	6.978	43	99458	317.993	ug/l #	88
26) 2,2-Dichloropropane	6.978	77	87227	56.875	ug/l	94
27) cis-1,2-Dichloroethene	6.984	96	63815	57.367	ug/l	88
28) Bromochloromethane	7.325	49	32615	57.074	ug/l #	90
29) Tetrahydrofuran	7.344	42	68118	320.621	ug/l #	87
30) Chloroform	7.502	83	103183	57.414	ug/l	99
31) Cyclohexane	7.783	56	72811	44.242	ug/l	93
32) 1,1,1-Trichloroethane	7.697	97	89183	54.697	ug/l	98
36) 1,1-Dichloropropene	7.917	75	72958	48.564	ug/l	99
37) Ethyl Acetate	7.069	43	21366	27.418	ug/l	97
38) Carbon Tetrachloride	7.899	117	77125	49.076	ug/l	97
39) Methylcyclohexane	9.179	83	63475	32.734	ug/l	90
40) Benzene	8.155	78	234584	54.151	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	24639m	61.271	ug/l	
42) 1,2-Dichloroethane	8.234	62	74586	58.634	ug/l	95
43) Isopropyl Acetate	8.270	43	48610	33.547	ug/l #	88
44) Trichloroethene	8.935	130	55294	48.206	ug/l	100
45) 1,2-Dichloropropane	9.215	63	59330	57.038	ug/l	96
46) Dibromomethane	9.301	93	37485	56.674	ug/l	93
47) Bromodichloromethane	9.496	83	82617	54.655	ug/l	93
48) Methyl methacrylate	9.289	41	46509	71.882	ug/l #	84
49) 1,4-Dioxane	9.295	88	10731	1213.696	ug/l #	86
51) 4-Methyl-2-Pentanone	10.069	43	244119	304.415	ug/l	92
52) Toluene	10.240	92	146237	48.304	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	86692	54.007	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	92085	53.363	ug/l	90
55) 1,1,2-Trichloroethane	10.642	97	50235	54.288	ug/l	99
56) Ethyl methacrylate	10.508	69	44614	37.711	ug/l	86
57) 1,3-Dichloropropane	10.788	76	84442	55.941	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	136340	266.381	ug/l	98
59) 2-Hexanone	10.831	43	161821	294.725	ug/l	93
60) Dibromochloromethane	10.983	129	57898	51.616	ug/l	100
61) 1,2-Dibromoethane	11.087	107	48956	53.390	ug/l	100
64) Tetrachloroethene	10.715	164	44062	49.600	ug/l	97
65) Chlorobenzene	11.514	112	137277	49.005	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	58402	56.936	ug/l	98
67) Ethyl Benzene	11.593	91	244774	48.486	ug/l	96
68) m/p-Xylenes	11.703	106	197137	96.194	ug/l	92
69) o-Xylene	12.026	106	95149	49.997	ug/l	91
70) Styrene	12.044	104	161556	49.363	ug/l	95
71) Bromoform	12.209	173	37212	54.726	ug/l #	99
73) Isopropylbenzene	12.331	105	218381	60.846	ug/l	99
74) N-amyl acetate	12.142	43	13214	15.957	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.581	83	60987	82.488	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	44040m	85.440	ug/l	
77) Bromobenzene	12.605	156	52865	63.541	ug/l	100
78) n-propylbenzene	12.672	91	240771	58.064	ug/l	100
79) 2-Chlorotoluene	12.757	91	136206	56.945	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	168050	55.862	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	21580	85.930	ug/l #	75
82) 4-Chlorotoluene	12.855	91	142727	55.790	ug/l	97
83) tert-Butylbenzene	13.074	119	146845	55.020	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	169074	56.616	ug/l	98
85) sec-Butylbenzene	13.251	105	190027	46.536	ug/l	100
86) p-Isopropyltoluene	13.367	119	152372	44.746	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	84576	47.655	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	86185	48.336	ug/l	98
89) n-Butylbenzene	13.696	91	106731	34.260	ug/l	100
90) Hexachloroethane	13.958	117	30854	48.350	ug/l	81
91) 1,2-Dichlorobenzene	13.739	146	76530	48.850	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8424	73.390	ug/l	86
93) 1,2,4-Trichlorobenzene	15.001	180	19533	22.718	ug/l	96
94) Hexachlorobutadiene	15.111	225	8671	18.504	ug/l	94
95) Naphthalene	15.233	128	67502	39.081	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	16933	22.663	ug/l	97

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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

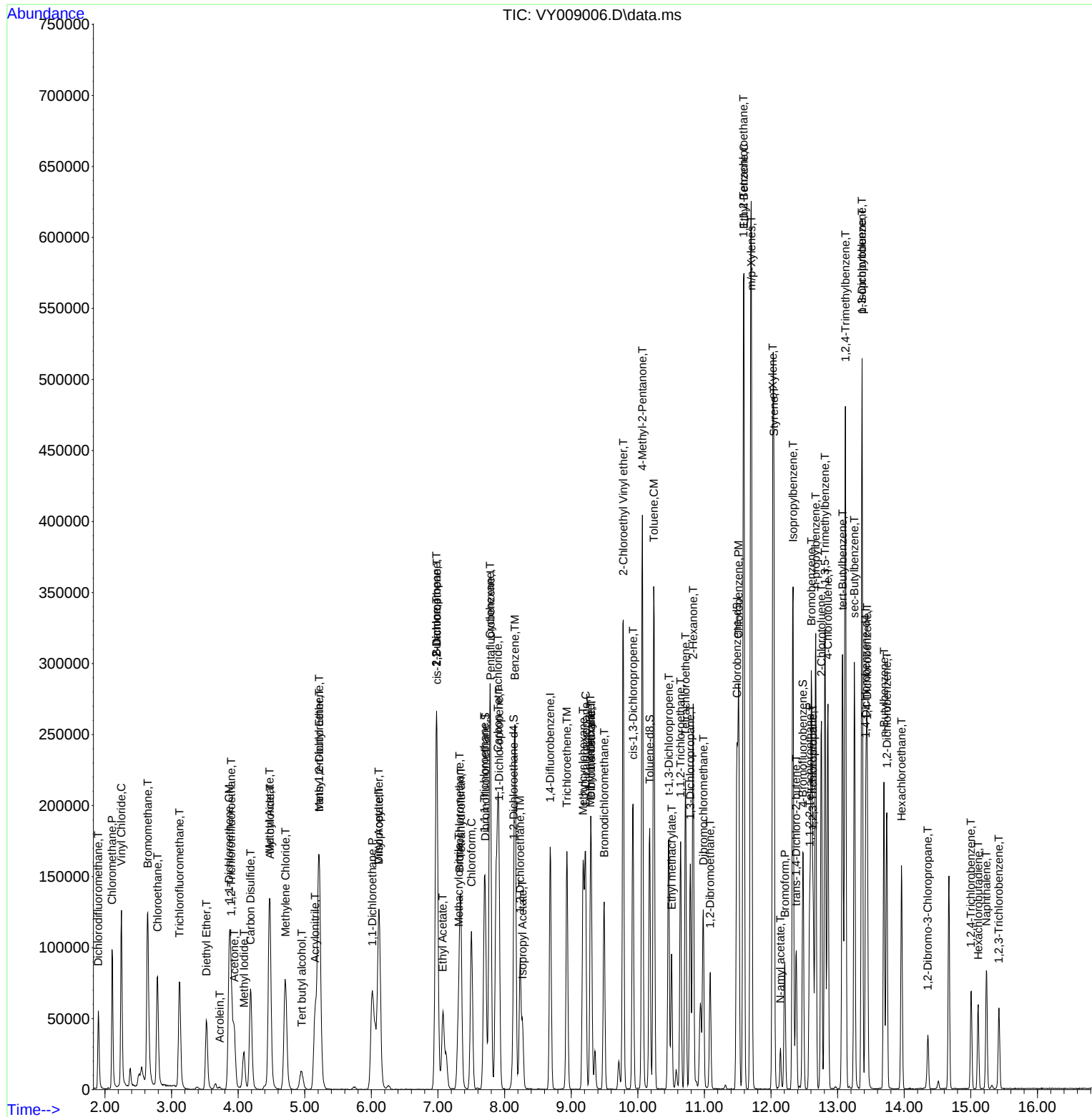
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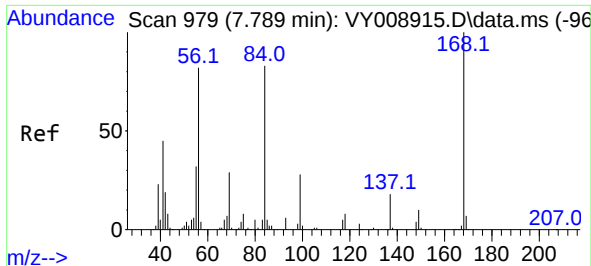
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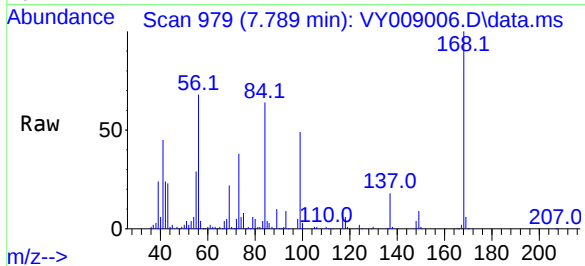
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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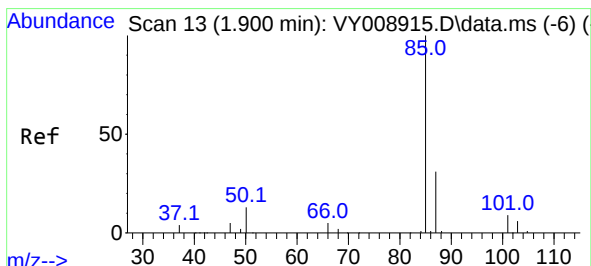
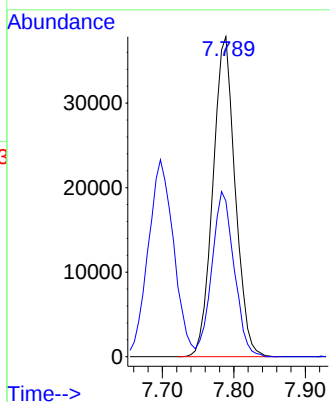
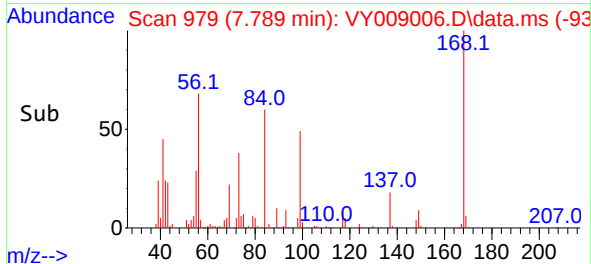
Instrument :
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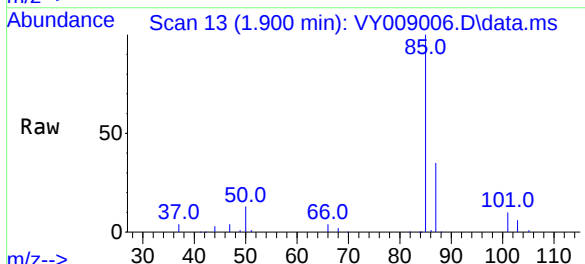
Tgt Ion:168 Resp: 81739
Ion Ratio Lower Upper
168 100
99 48.7 46.9 70.3

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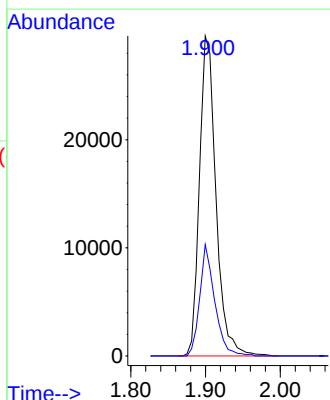
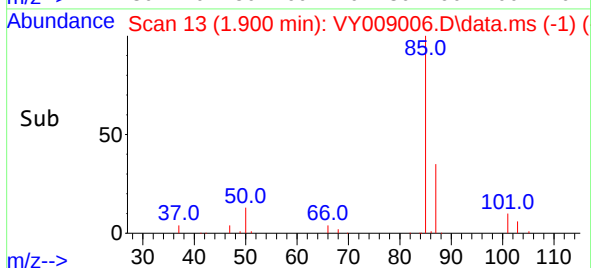
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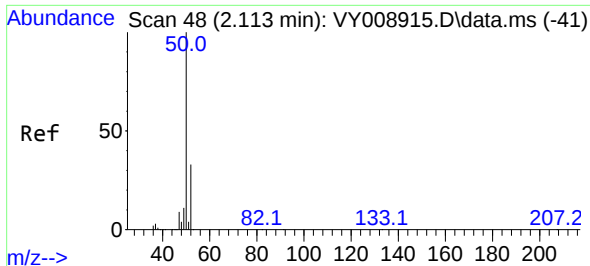


#2
Dichlorodifluoromethane
Concen: 60.738 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009006.D
Acq: 23 May 2022 15:07



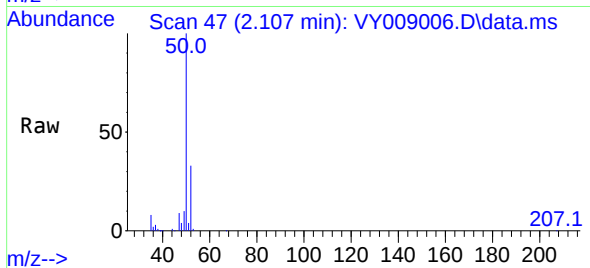
Tgt Ion: 85 Resp: 45408
Ion Ratio Lower Upper
85 100
87 34.8 16.1 48.2





#3
Chloromethane
Concen: 74.348 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY009006.D
Acq: 23 May 2022 15:07

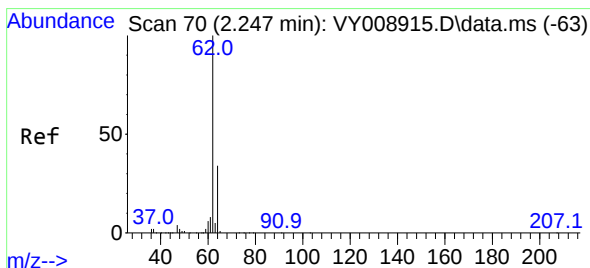
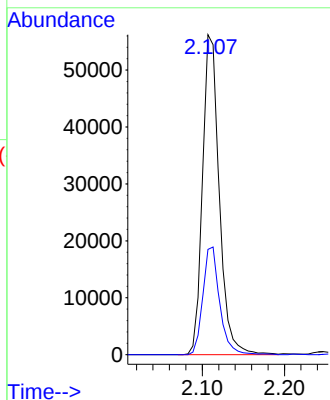
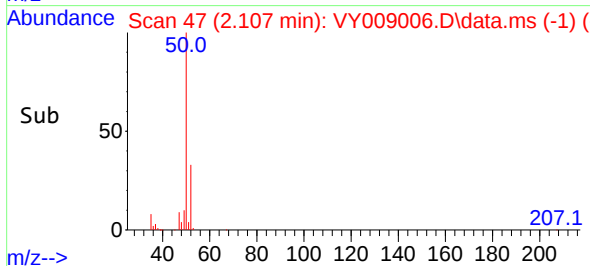
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Tgt Ion: 50 Resp: 79629
Ion Ratio Lower Upper
50 100
52 32.9 24.6 37.0

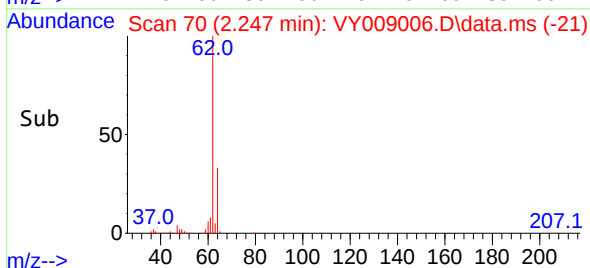
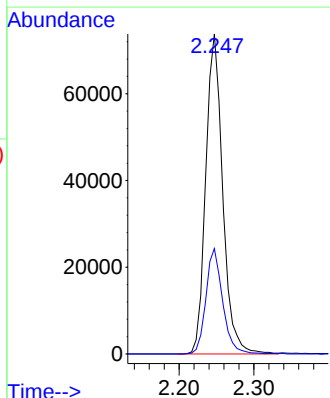
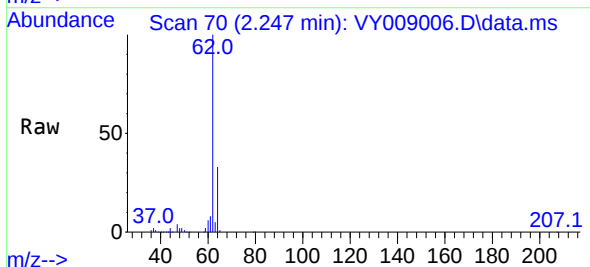
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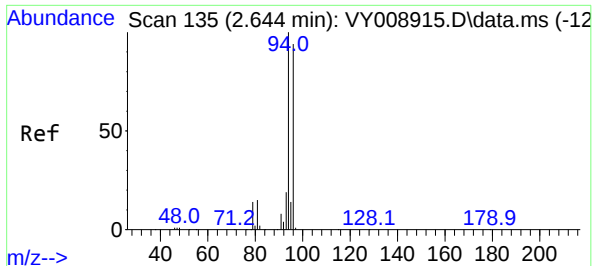
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#4
Vinyl Chloride
Concen: 73.282 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY009006.D
Acq: 23 May 2022 15:07

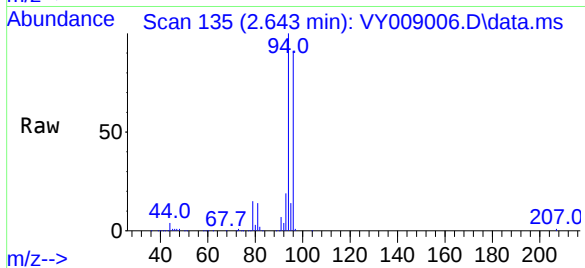
Tgt Ion: 62 Resp: 116282
Ion Ratio Lower Upper
62 100
64 33.0 25.0 37.6





#5
Bromomethane
Concen: 61.243 ug/l
RT: 2.643 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009006.D
Acq: 23 May 2022 15:07

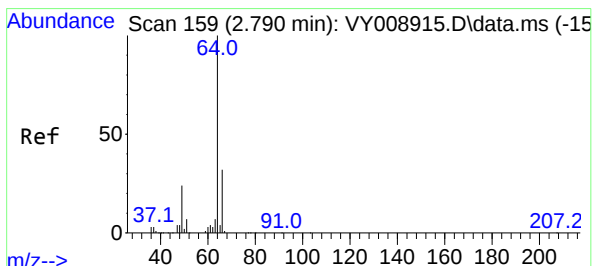
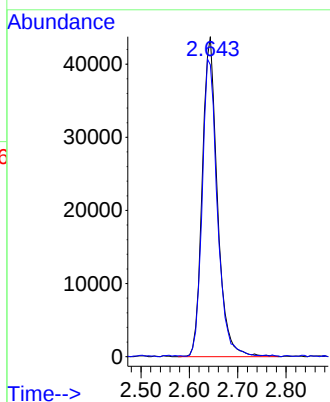
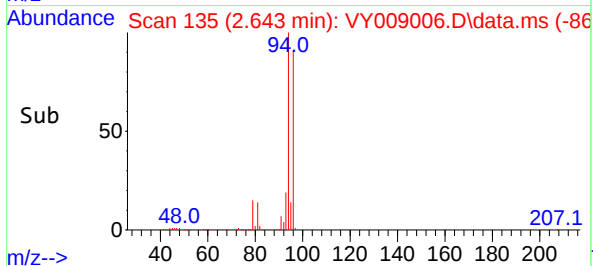
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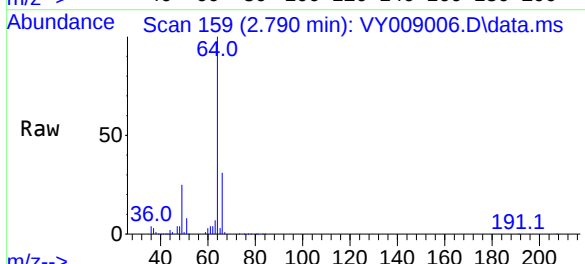
Tgt Ion: 94 Resp: 95258
Ion Ratio Lower Upper
94 100
96 90.9 73.5 110.3

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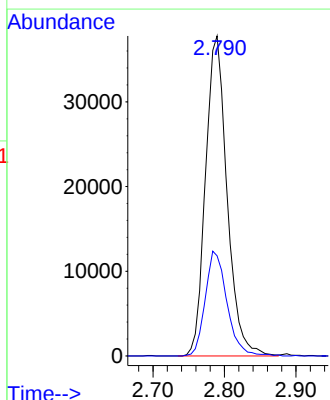
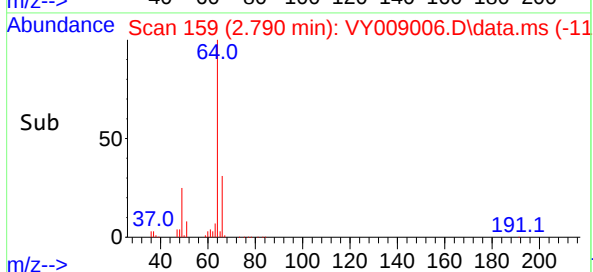
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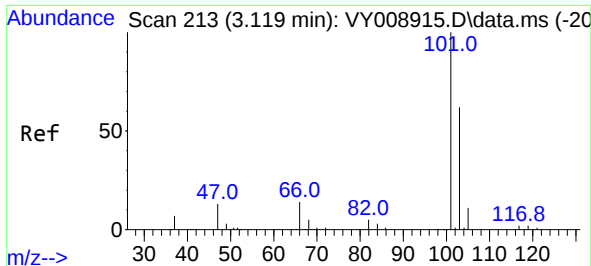


#6
Chloroethane
Concen: 70.314 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY009006.D
Acq: 23 May 2022 15:07



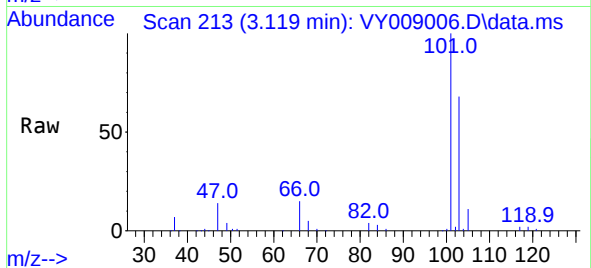
Tgt Ion: 64 Resp: 79042
Ion Ratio Lower Upper
64 100
66 31.3 25.4 38.0





#7
Trichlorofluoromethane
Concen: 57.456 ug/l
RT: 3.119 min Scan# 213
Delta R.T. -0.000 min
Lab File: VY009006.D
Acq: 23 May 2022 15:07

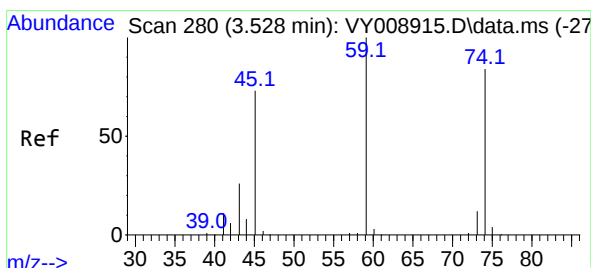
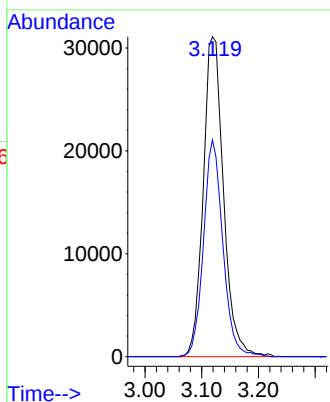
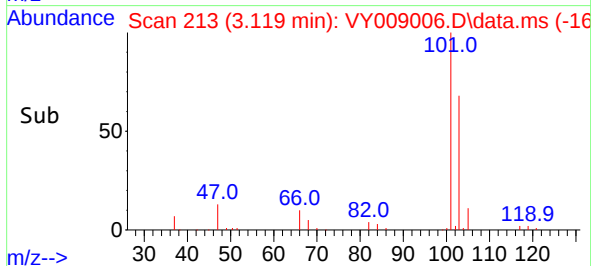
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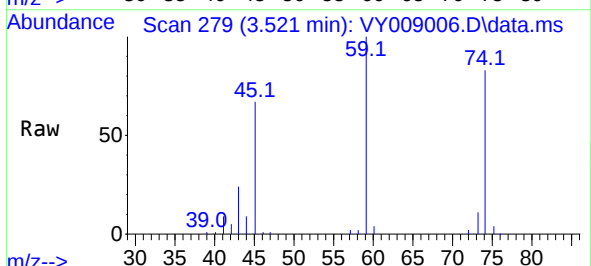
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Ion Ratio Lower Upper
101 100
103 67.7 48.0 72.0

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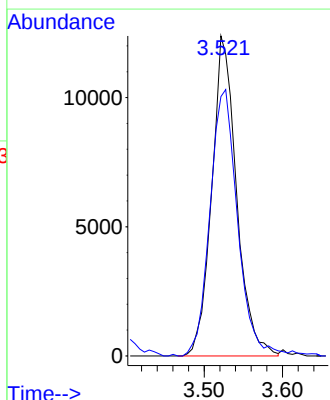
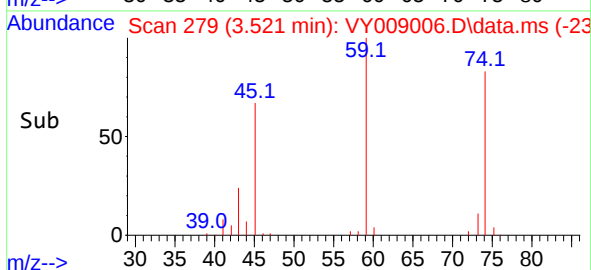
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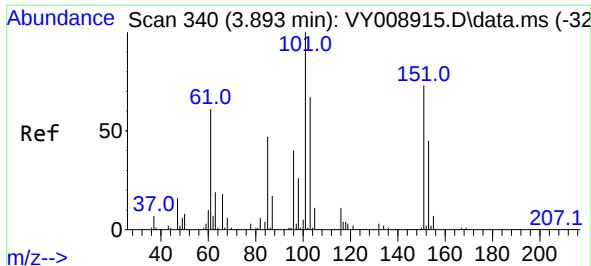


#8
Diethyl Ether
Concen: 64.656 ug/l
RT: 3.521 min Scan# 279
Delta R.T. -0.007 min
Lab File: VY009006.D
Acq: 23 May 2022 15:07



Tgt Ion: 74 Resp: 27243
Ion Ratio Lower Upper
74 100
45 92.4 55.1 165.5





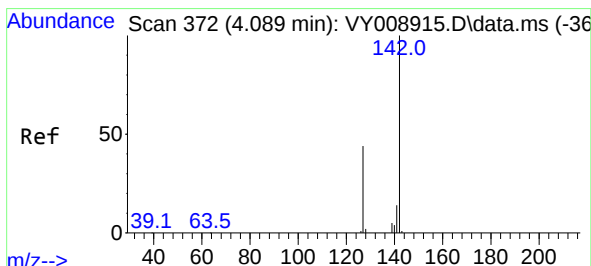
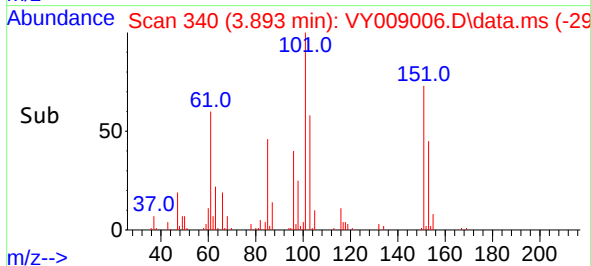
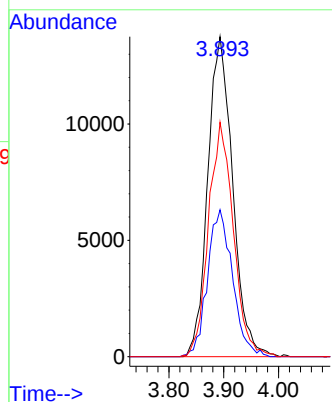
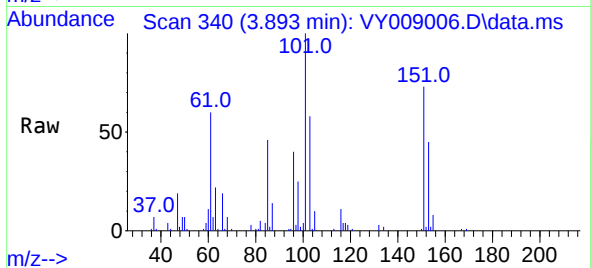
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.321 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY009006.D
Acq: 23 May 2022 15:07

Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-0006-01MS

Tgt Ion:101 Resp: 4333
Ion Ratio Lower Upper
101 100
85 46.3 40.6 60.8
151 73.4 64.9 97.3

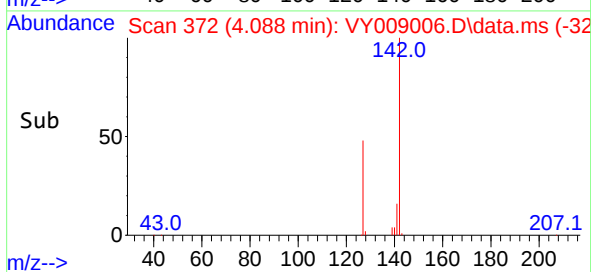
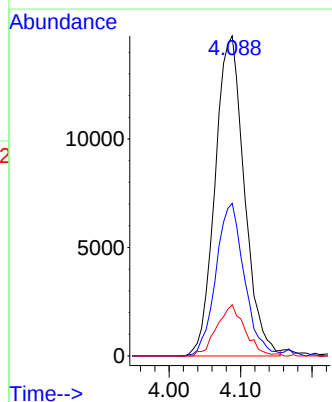
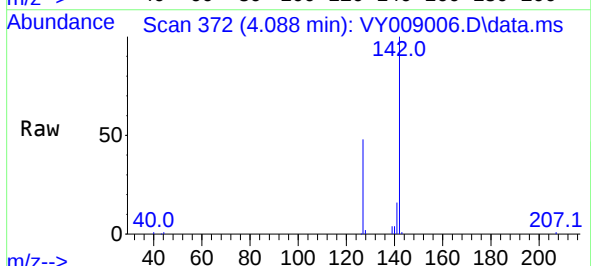
Manual Integrations
APPROVED

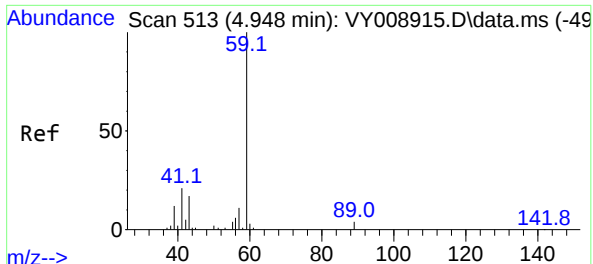
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#10
Methyl Iodide
Concen: 48.919 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.001 min
Lab File: VY009006.D
Acq: 23 May 2022 15:07

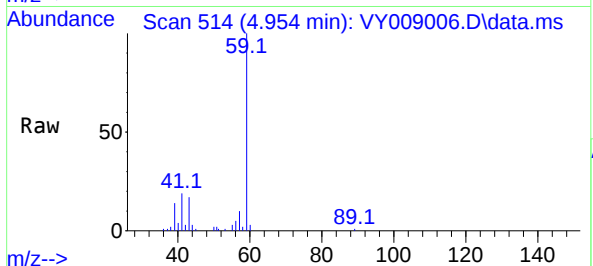
Tgt Ion:142 Resp: 41835
Ion Ratio Lower Upper
142 100
127 46.5 41.5 62.3
141 15.5 11.9 17.9





#11
Tert butyl alcohol
Concen: 277.407 ug/l
RT: 4.954 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY009006.D
Acq: 23 May 2022 15:07

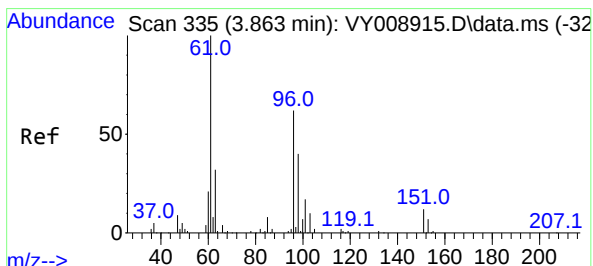
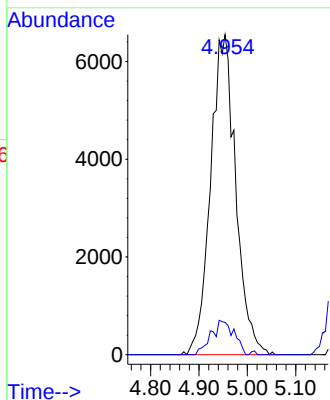
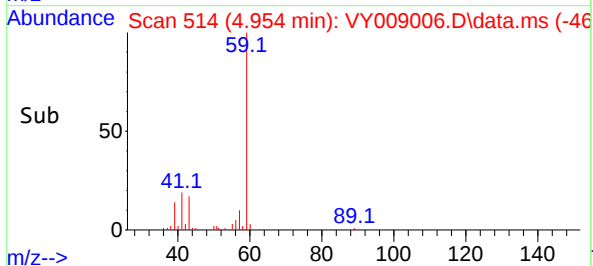
Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-0006-01MS



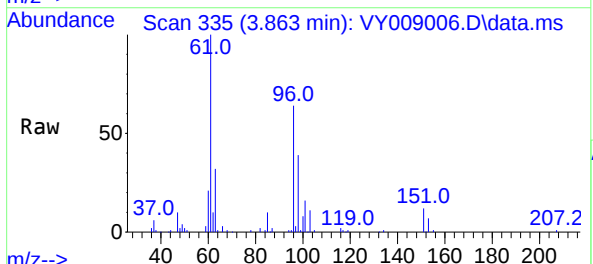
Tgt Ion: 59 Resp: 2367
Ion Ratio Lower Upper
59 100
57 9.7 6.4 9.6

Manual Integrations
APPROVED

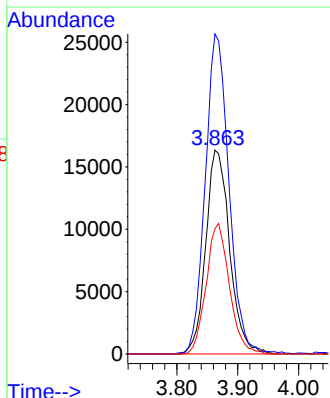
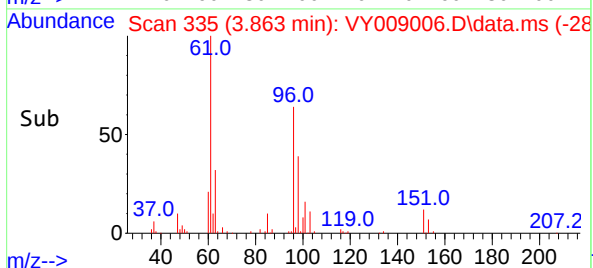
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

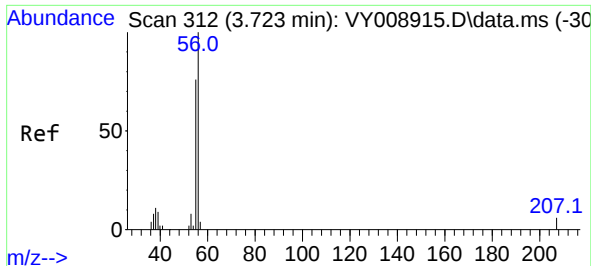


#12
1,1-Dichloroethene
Concen: 58.029 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.000 min
Lab File: VY009006.D
Acq: 23 May 2022 15:07



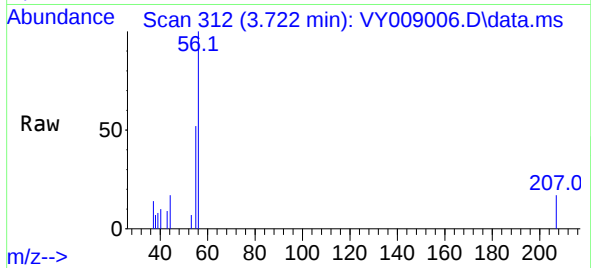
Tgt Ion: 96 Resp: 44614
Ion Ratio Lower Upper
96 100
61 156.5 145.8 218.6
98 61.5 52.5 78.7





#13
Acrolein
Concen: 62.129 ug/l
RT: 3.722 min Scan# 312
Delta R.T. -0.001 min
Lab File: VY009006.D
Acq: 23 May 2022 15:07

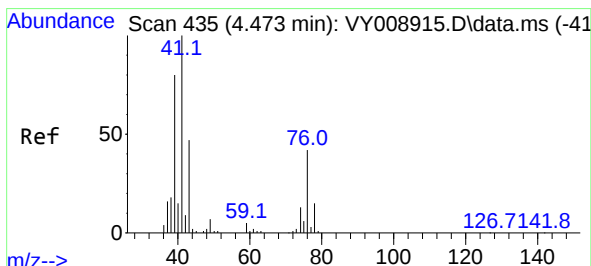
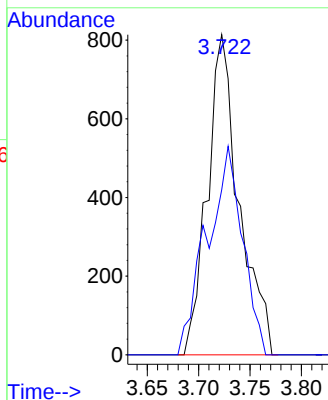
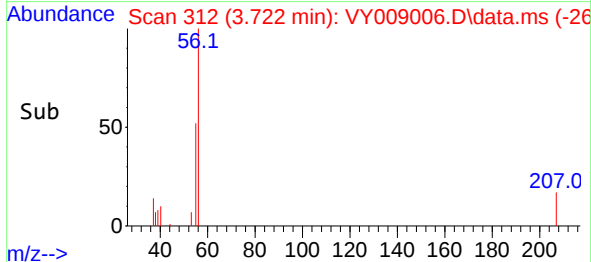
Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-0006-01MS



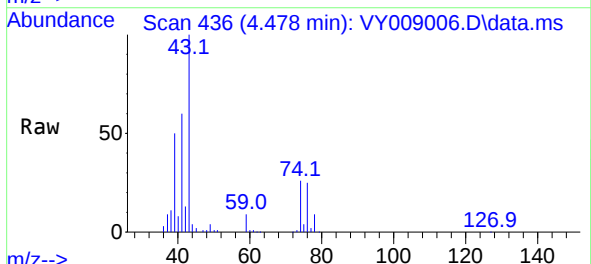
Tgt Ion: 56 Resp: 1749
Ion Ratio Lower Upper
56 100
55 73.1 57.6 86.4

Manual Integrations
APPROVED

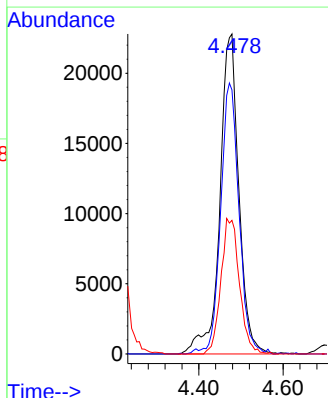
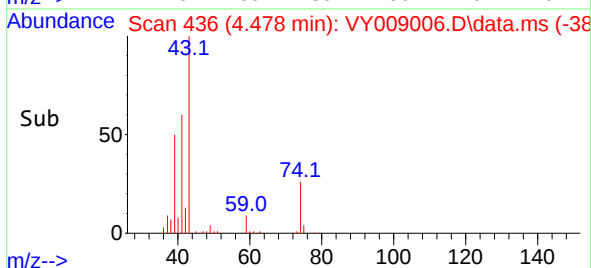
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

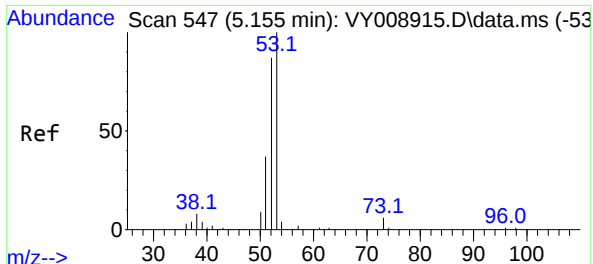


#14
Allyl chloride
Concen: 61.267 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.005 min
Lab File: VY009006.D
Acq: 23 May 2022 15:07



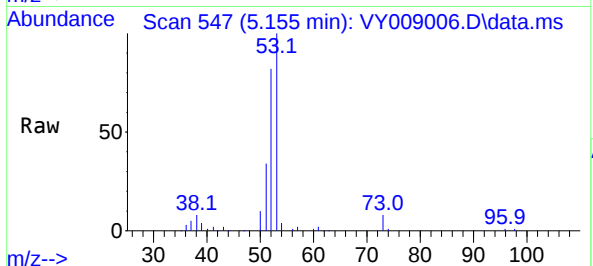
Tgt Ion: 41 Resp: 70986
Ion Ratio Lower Upper
41 100
39 81.5 58.8 88.2
76 41.3 25.1 37.7#





#15
Acrylonitrile
Concen: 303.248 ug/l
RT: 5.155 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY009006.D
Acq: 23 May 2022 15:07

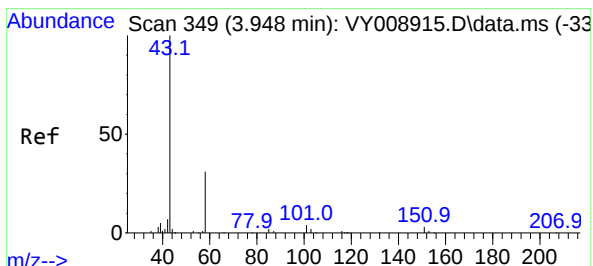
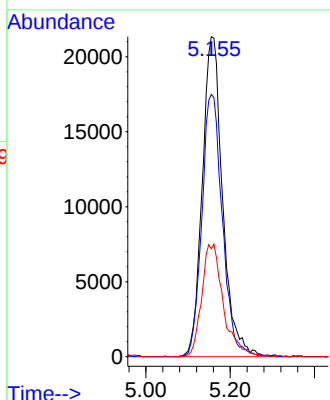
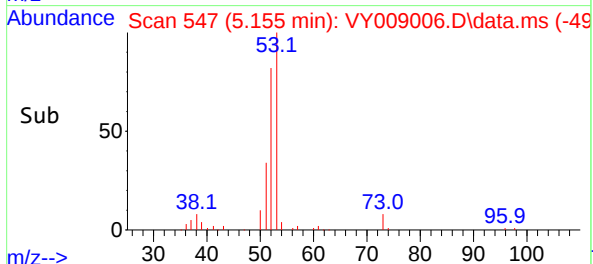
Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-0006-01MS



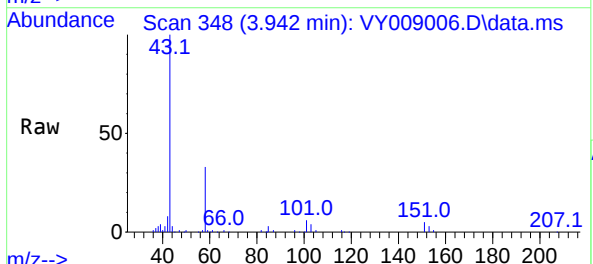
Tgt Ion: 53 Resp: 7154
Ion Ratio Lower Upper
53 100
52 82.7 67.0 100.4
51 37.5 29.8 44.6

Manual Integrations
APPROVED

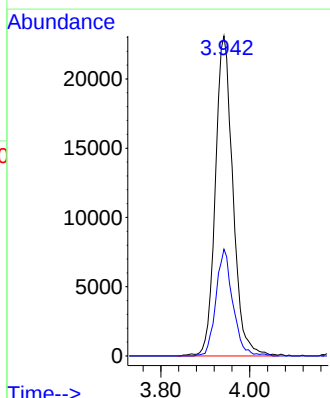
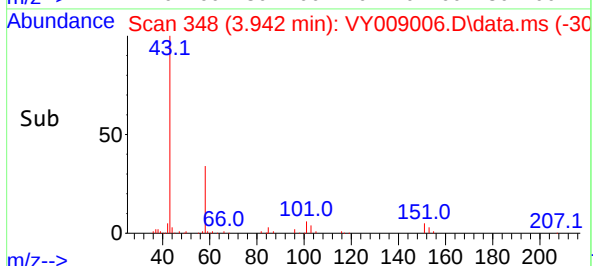
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

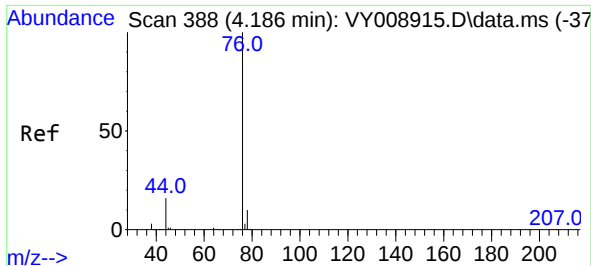


#16
Acetone
Concen: 360.452 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY009006.D
Acq: 23 May 2022 15:07



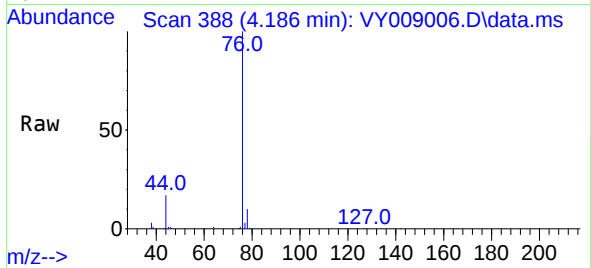
Tgt Ion: 43 Resp: 63119
Ion Ratio Lower Upper
43 100
58 33.4 22.0 33.0#





#17
Carbon Disulfide
Concen: 56.105 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY009006.D
Acq: 23 May 2022 15:07

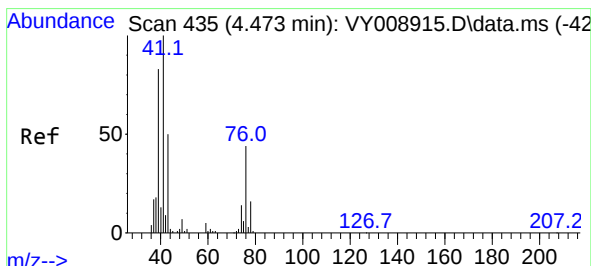
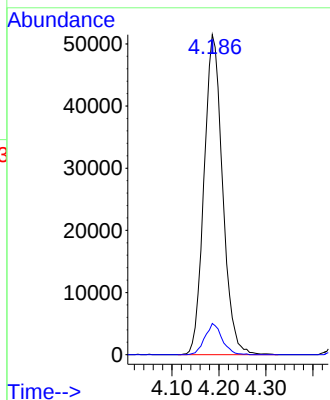
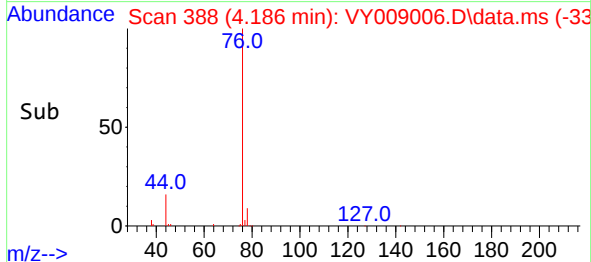
Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-0006-01MS



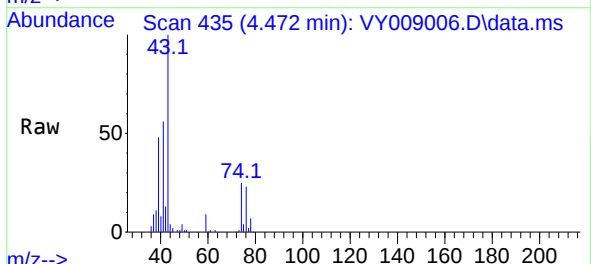
Tgt Ion: 76 Resp: 140920
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.0

Manual Integrations
APPROVED

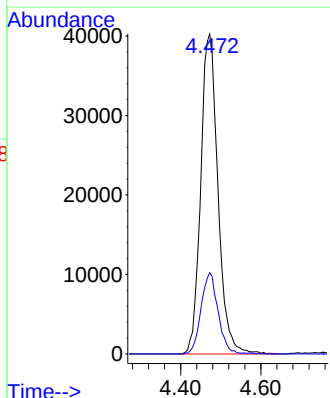
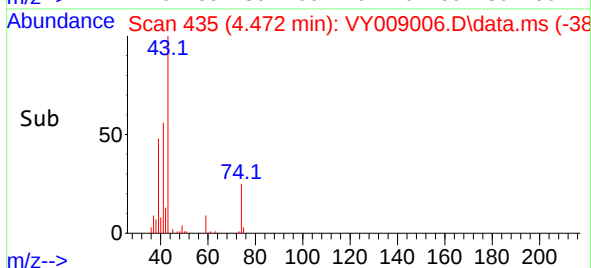
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

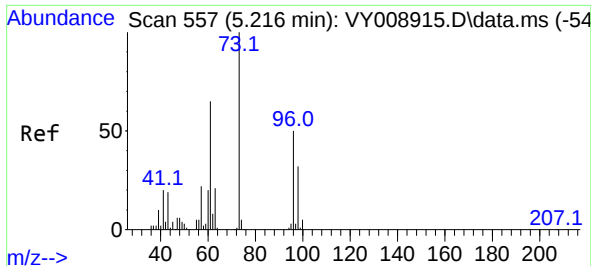


#18
Methyl Acetate
Concen: 220.102 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.001 min
Lab File: VY009006.D
Acq: 23 May 2022 15:07



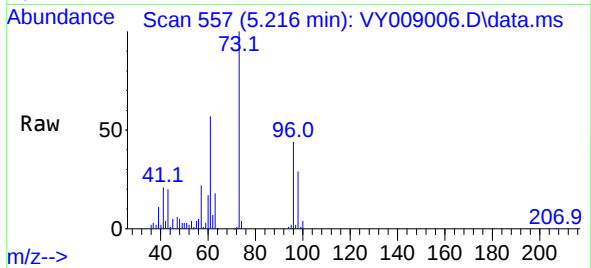
Tgt Ion: 43 Resp: 120020
Ion Ratio Lower Upper
43 100
74 24.9 16.6 24.8





#19
Methyl tert-butyl Ether
Concen: 63.369 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY009006.D
Acq: 23 May 2022 15:07

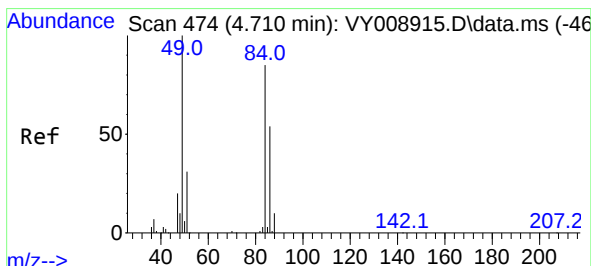
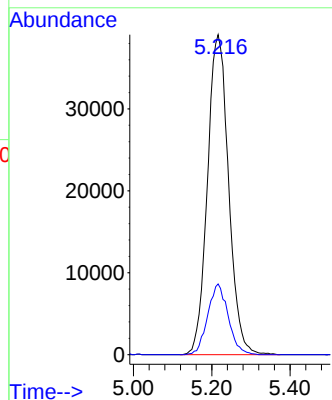
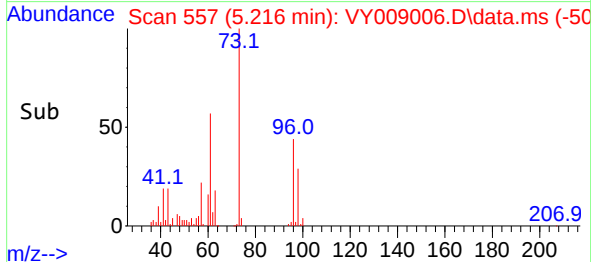
Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-0006-01MS



Tgt Ion: 73 Resp: 14623
Ion Ratio Lower Upper
73 100
57 22.1 18.6 27.8

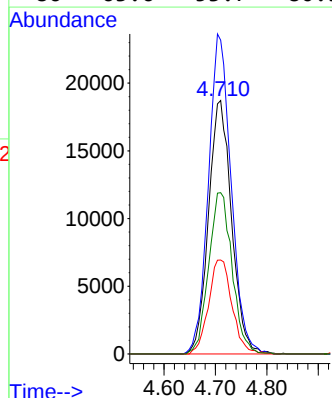
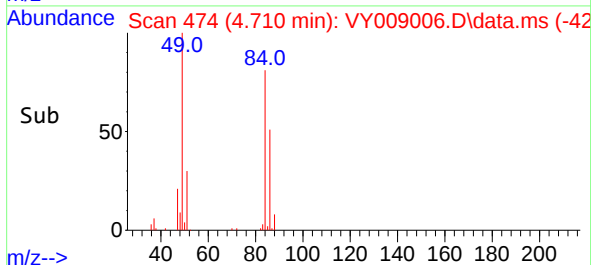
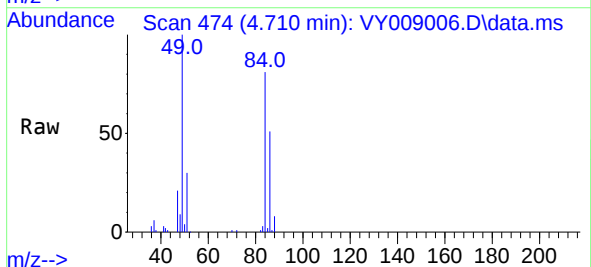
Manual Integrations
APPROVED

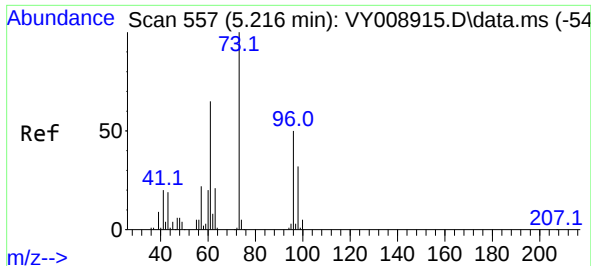
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#20
Methylene Chloride
Concen: 61.642 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY009006.D
Acq: 23 May 2022 15:07

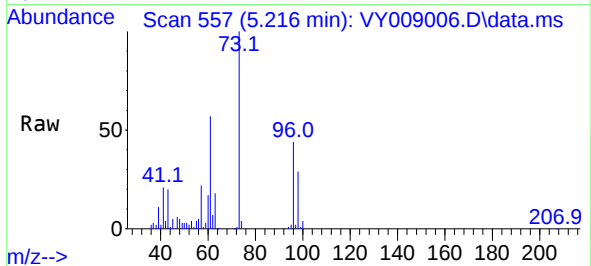
Tgt Ion: 84 Resp: 58465
Ion Ratio Lower Upper
84 100
49 123.8 114.4 171.6
51 37.0 35.3 52.9
86 63.6 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 57.677 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY009006.D
Acq: 23 May 2022 15:07

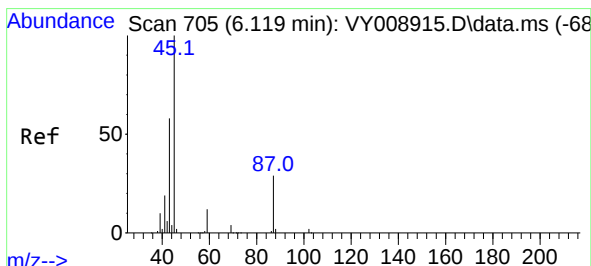
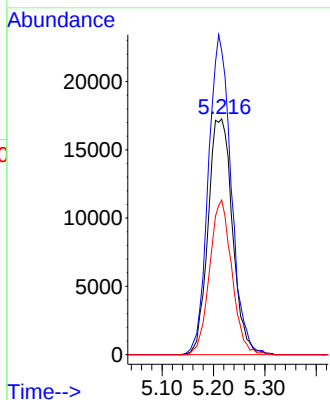
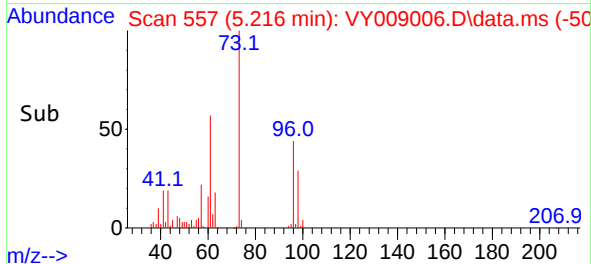
Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-0006-01MS



Tgt Ion: 96 Resp: 56910
Ion Ratio Lower Upper
96 100
61 128.7 120.5 180.7
98 65.5 49.8 74.8

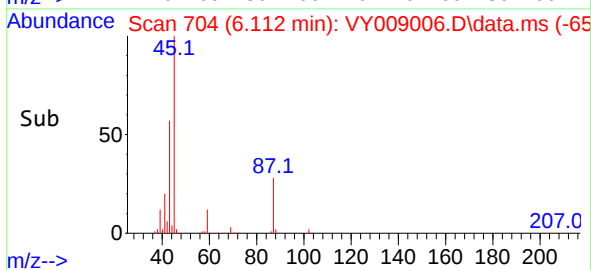
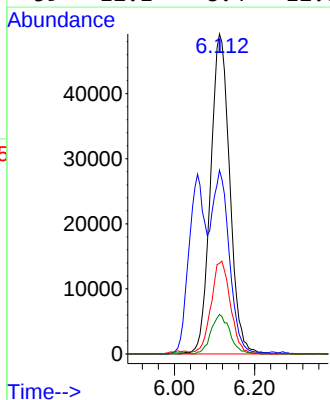
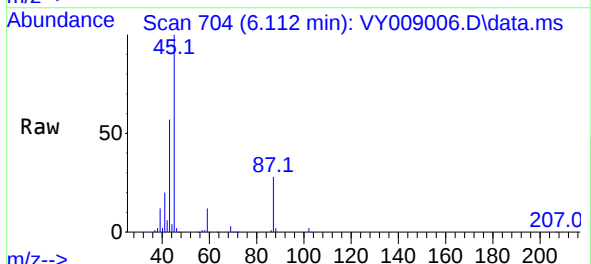
Manual Integrations
APPROVED

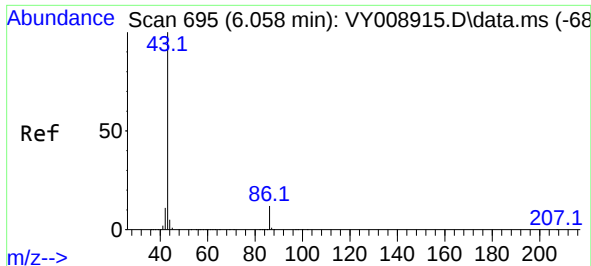
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#22
Diisopropyl ether
Concen: 58.719 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.007 min
Lab File: VY009006.D
Acq: 23 May 2022 15:07

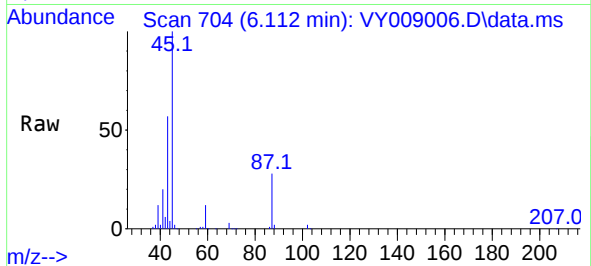
Tgt Ion: 45 Resp: 163447
Ion Ratio Lower Upper
45 100
43 57.0 49.3 73.9
87 28.3 19.2 28.8
59 12.1 8.4 12.6





#23
 Vinyl Acetate
 Concen: 90.279 ug/l m
 RT: 6.112 min Scan# 704
 Delta R.T. 0.054 min
 Lab File: VY009006.D
 Acq: 23 May 2022 15:07

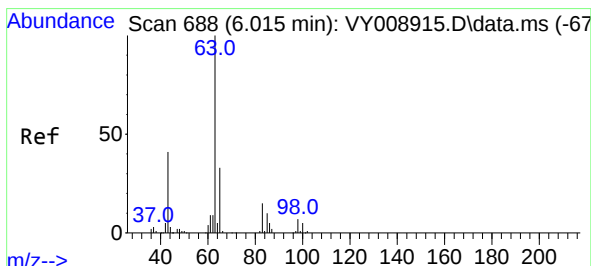
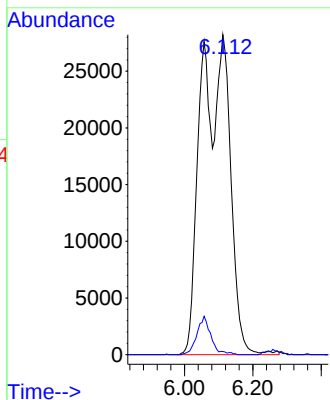
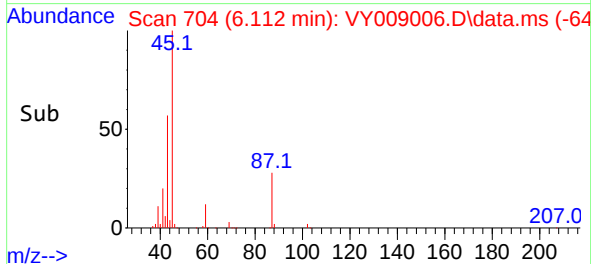
Instrument :
 MSVOA_Y
 ClientSampleId :
 P038-SS001-0006-01MS



Tgt Ion: 43 Resp: 166228
 Ion Ratio Lower Upper
 43 100
 86 1.0 7.1 10.7

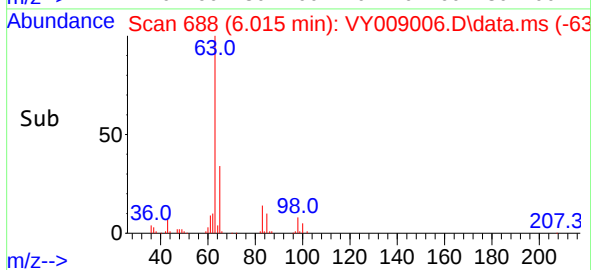
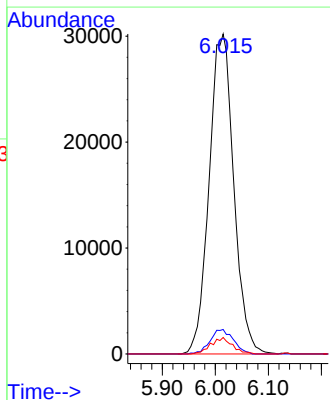
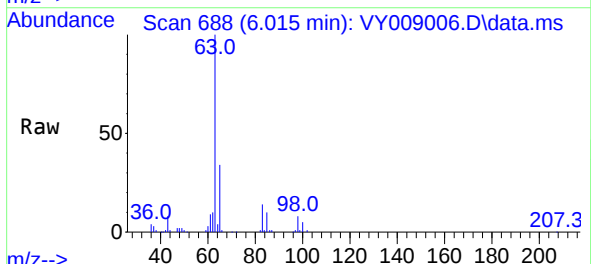
Manual Integrations
 APPROVED

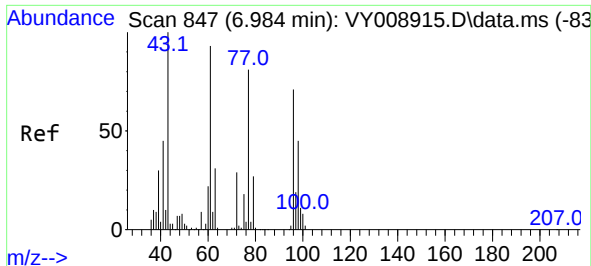
Reviewed By :John Carlone 05/24/2022
 Supervised By :Mahesh Dadoda 05/24/2022



#24
 1,1-Dichloroethane
 Concen: 58.484 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY009006.D
 Acq: 23 May 2022 15:07

Tgt Ion: 63 Resp: 97369
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.6 10.8
 100 5.2 2.0 5.8





#25

2-Butanone

Concen: 317.993 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY009006.D

Acq: 23 May 2022 15:07

Instrument :

MSVOA_Y

ClientSampleId :

P038-SS001-0006-01MS

Tgt Ion: 43 Resp: 99458

Ion Ratio Lower Upper

43 100

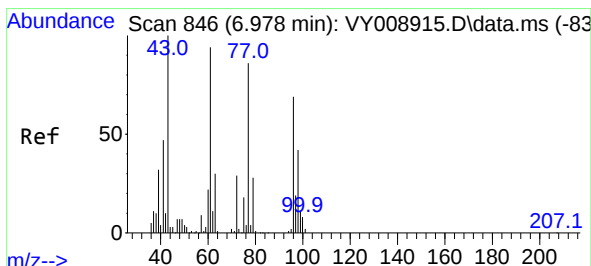
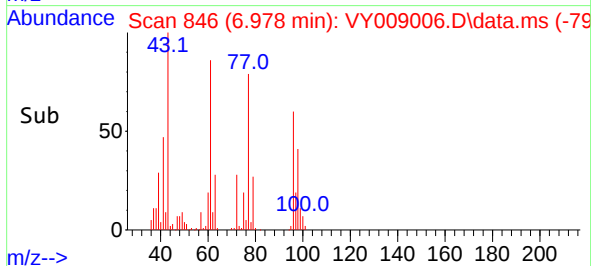
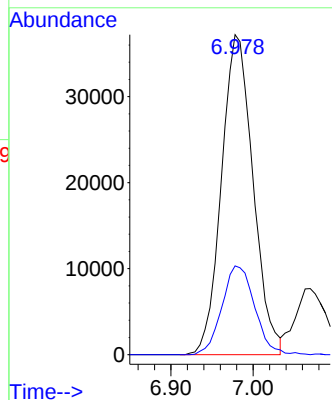
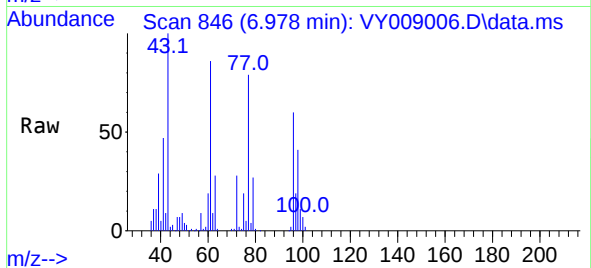
72 27.7 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/24/2022

Supervised By :Mahesh Dadoda 05/24/2022



#26

2,2-Dichloropropane

Concen: 56.875 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.000 min

Lab File: VY009006.D

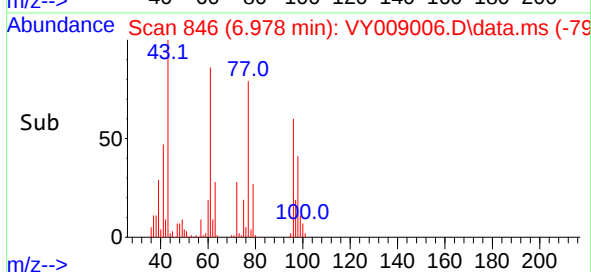
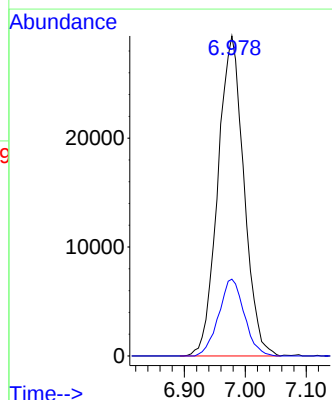
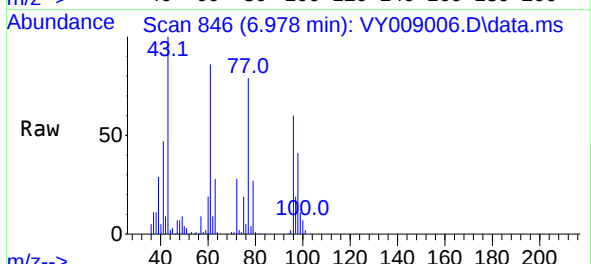
Acq: 23 May 2022 15:07

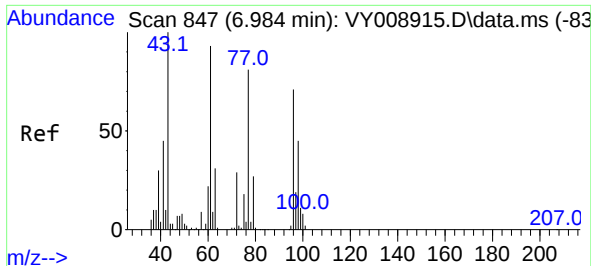
Tgt Ion: 77 Resp: 87227

Ion Ratio Lower Upper

77 100

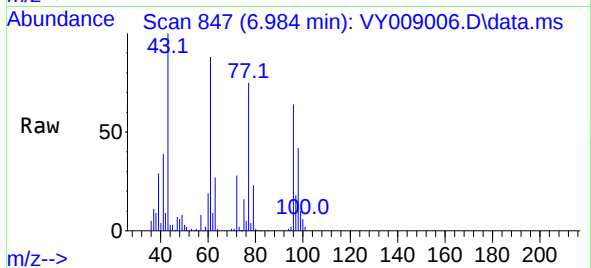
97 23.6 10.4 31.4





#27
cis-1,2-Dichloroethene
Concen: 57.367 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY009006.D
Acq: 23 May 2022 15:07

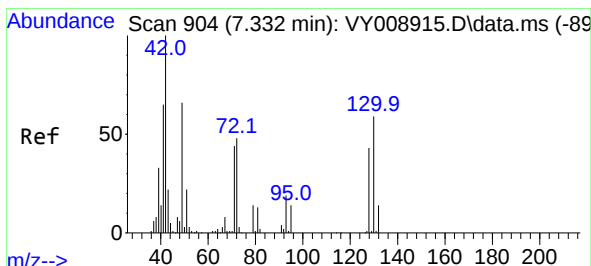
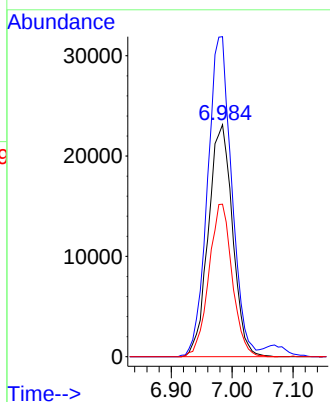
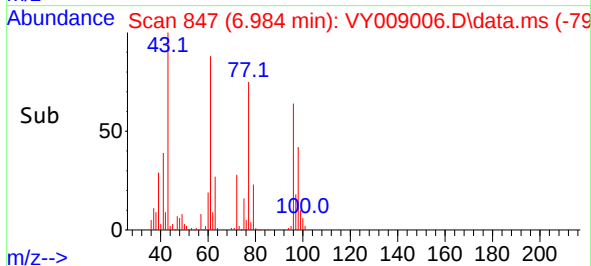
Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-0006-01MS



Tgt Ion: 96 Resp: 63815
Ion Ratio Lower Upper
96 100
61 137.9 0.0 319.8
98 63.5 0.0 127.0

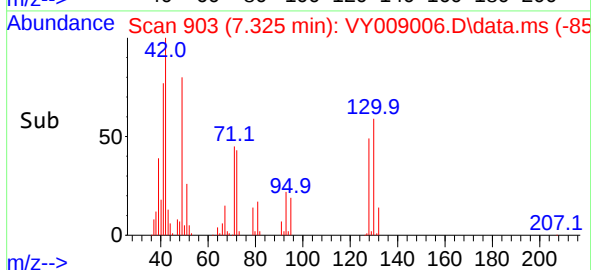
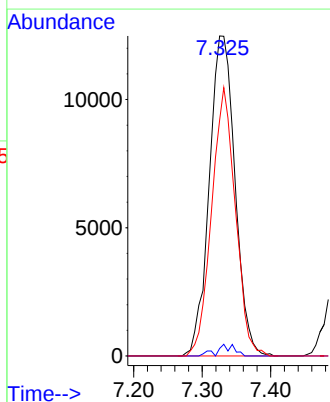
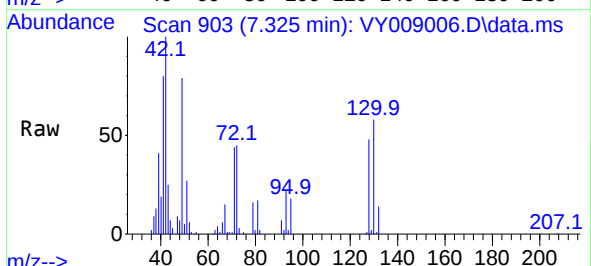
Manual Integrations
APPROVED

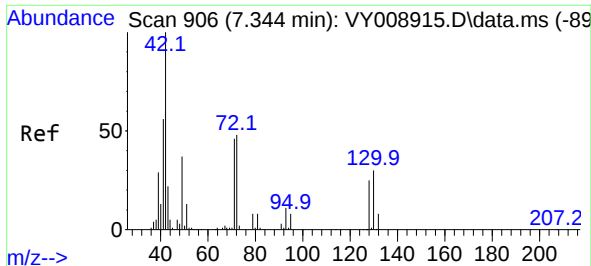
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#28
Bromochloromethane
Concen: 57.074 ug/l
RT: 7.325 min Scan# 903
Delta R.T. -0.007 min
Lab File: VY009006.D
Acq: 23 May 2022 15:07

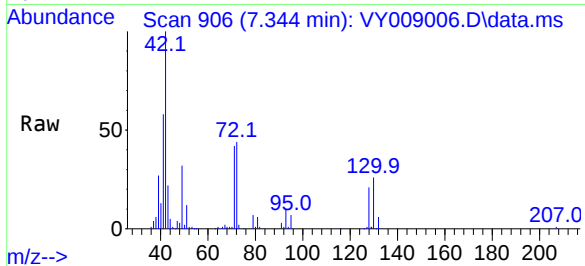
Tgt Ion: 49 Resp: 32615
Ion Ratio Lower Upper
49 100
129 2.4 0.0 2.2#
130 77.3 55.4 83.0





#29
Tetrahydrofuran
Concen: 320.621 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY009006.D
Acq: 23 May 2022 15:07

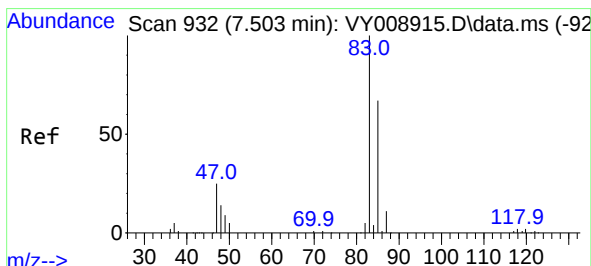
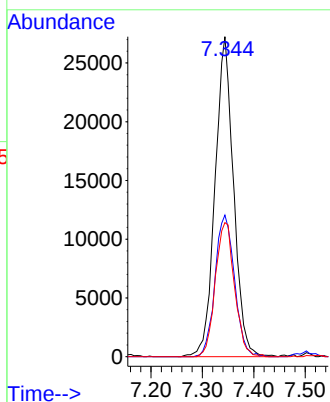
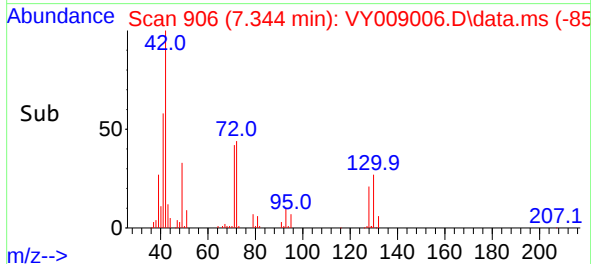
Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-0006-01MS



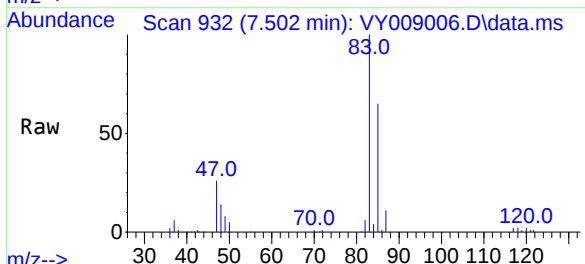
Tgt Ion: 42 Resp: 68118
Ion Ratio Lower Upper
42 100
72 46.5 30.3 45.5
71 43.5 29.0 43.4

Manual Integrations
APPROVED

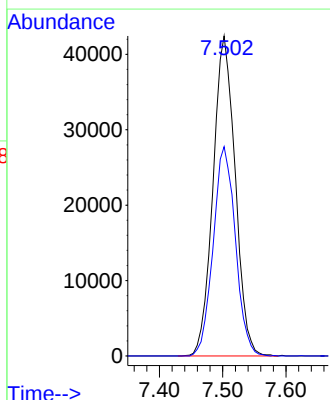
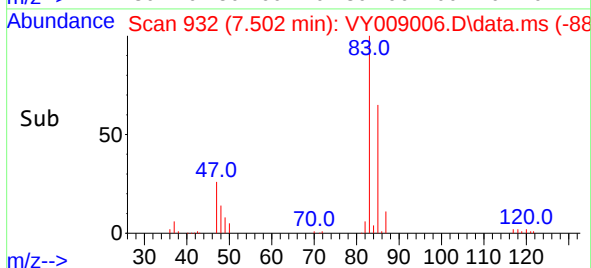
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

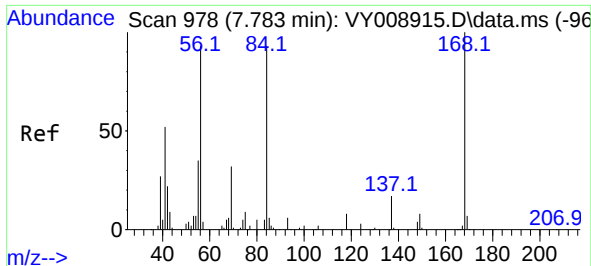


#30
Chloroform
Concen: 57.414 ug/l
RT: 7.502 min Scan# 932
Delta R.T. -0.001 min
Lab File: VY009006.D
Acq: 23 May 2022 15:07



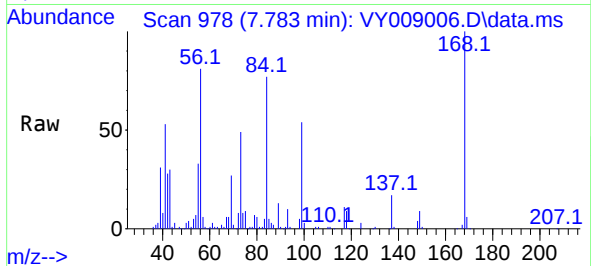
Tgt Ion: 83 Resp: 103183
Ion Ratio Lower Upper
83 100
85 65.4 51.8 77.6





#31
Cyclohexane
Concen: 44.242 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009006.D
Acq: 23 May 2022 15:07

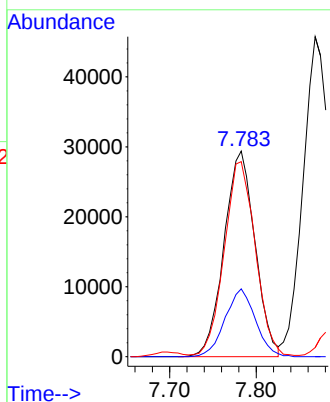
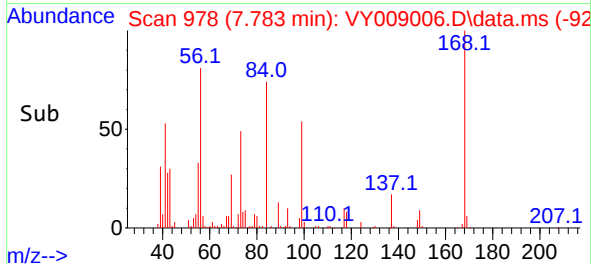
Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-0006-01MS



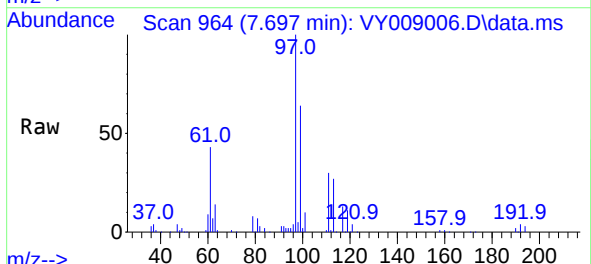
Tgt Ion: 56 Resp: 7281
Ion Ratio Lower Upper
56 100
69 33.0 26.7 40.1
84 93.1 67.2 100.8

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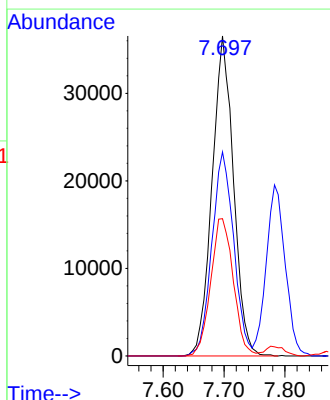
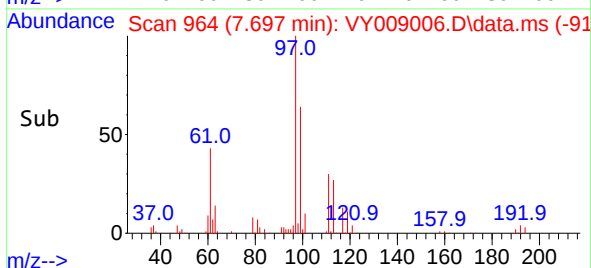
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

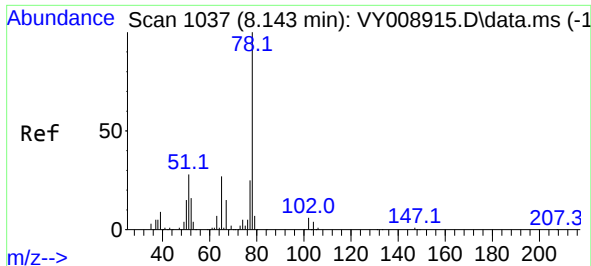


#32
1,1,1-Trichloroethane
Concen: 54.697 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.001 min
Lab File: VY009006.D
Acq: 23 May 2022 15:07



Tgt Ion: 97 Resp: 89183
Ion Ratio Lower Upper
97 100
99 65.1 50.7 76.1
61 45.2 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 48.681 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY009006.D

Acq: 23 May 2022 15:07

Instrument :

MSVOA_Y

ClientSampleId :

P038-SS001-0006-01MS

Tgt Ion: 65 Resp: 4095

Ion Ratio Lower Upper

65 100

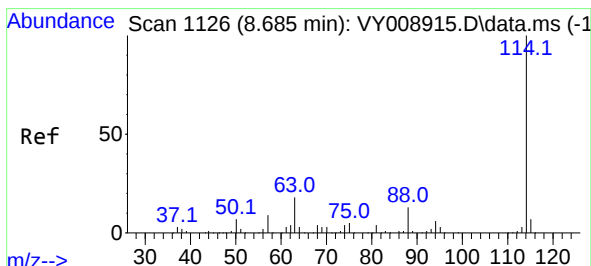
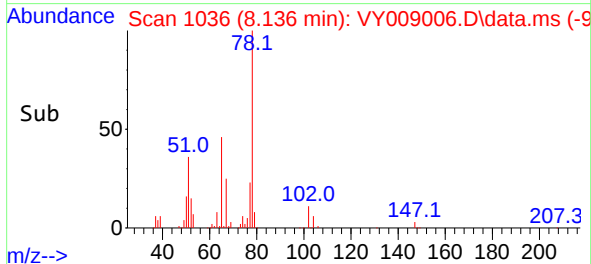
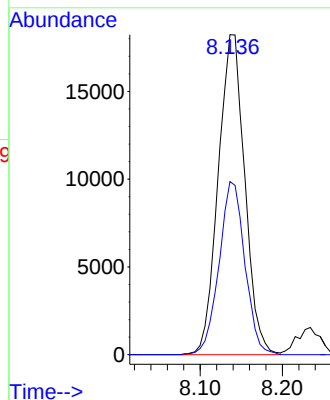
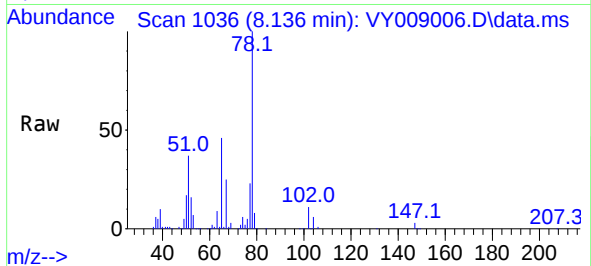
67 52.5 0.0 99.4

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: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY009006.D

Acq: 23 May 2022 15:07

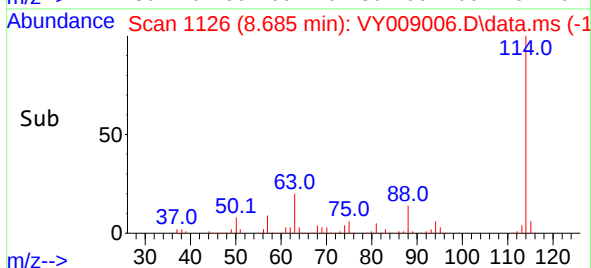
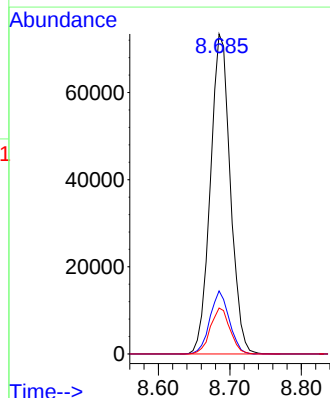
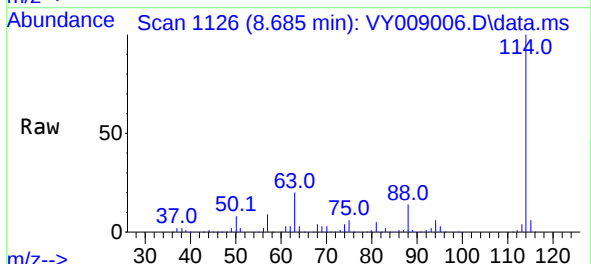
Tgt Ion:114 Resp: 141960

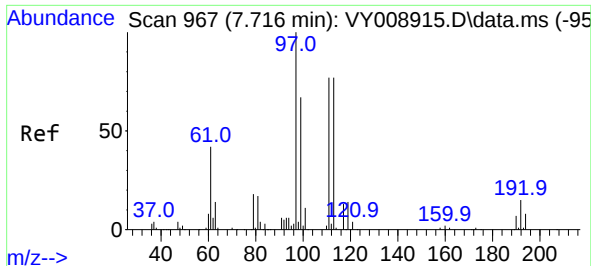
Ion Ratio Lower Upper

114 100

63 19.7 0.0 43.2

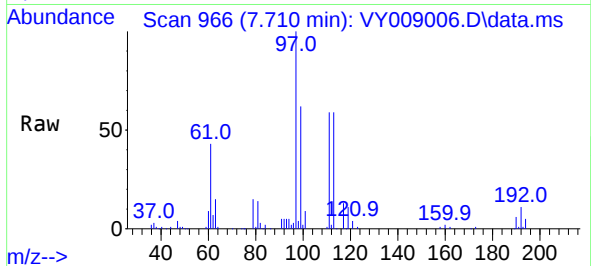
88 14.4 0.0 31.8





#35
Dibromofluoromethane
Concen: 46.027 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY009006.D
Acq: 23 May 2022 15:07

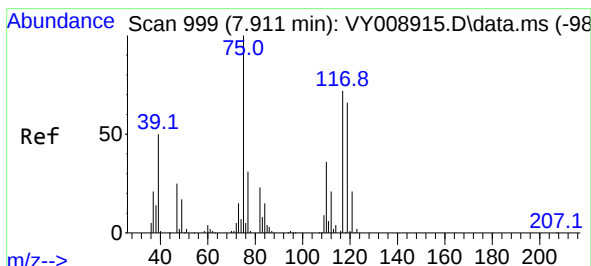
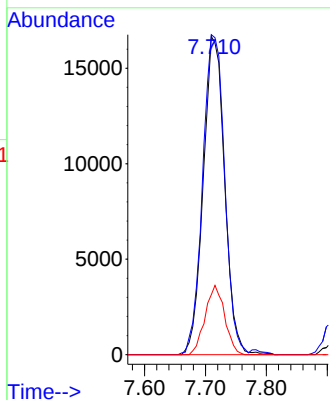
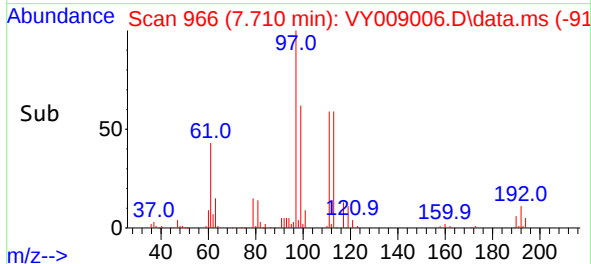
Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-0006-01MS



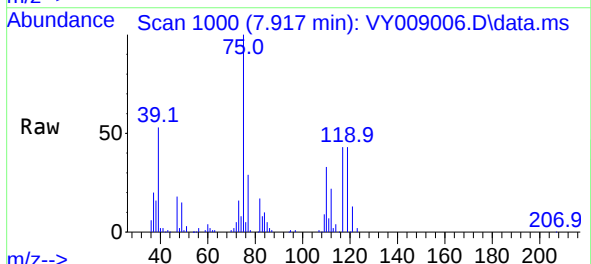
Tgt Ion: 113 Resp: 4063
Ion Ratio Lower Upper
113 100
111 103.3 82.6 124.0
192 19.9 17.6 26.4

Manual Integrations
APPROVED

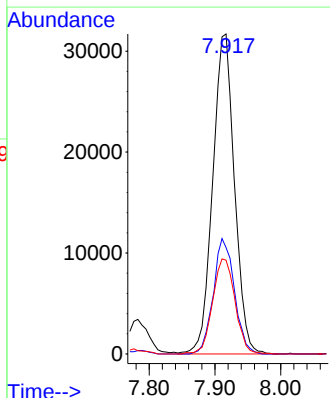
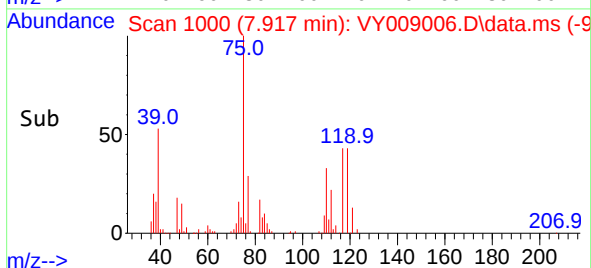
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

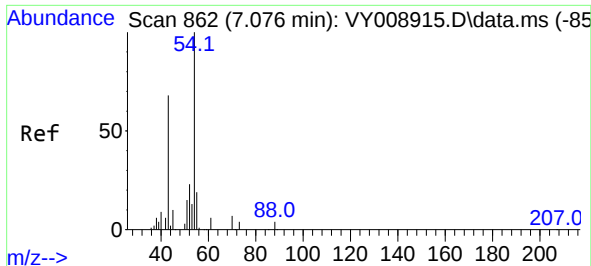


#36
1,1-Dichloropropene
Concen: 48.564 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY009006.D
Acq: 23 May 2022 15:07



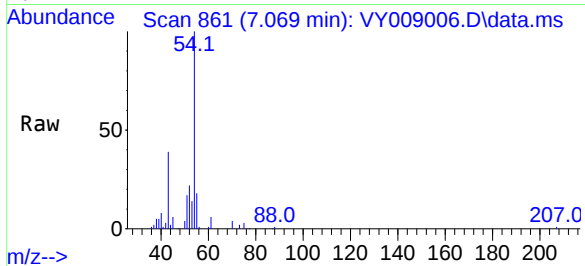
Tgt Ion: 75 Resp: 72958
Ion Ratio Lower Upper
75 100
110 35.0 17.1 51.2
77 30.7 24.4 36.6





#37
Ethyl Acetate
Concen: 27.418 ug/l
RT: 7.069 min Scan# 861
Delta R.T. -0.007 min
Lab File: VY009006.D
Acq: 23 May 2022 15:07

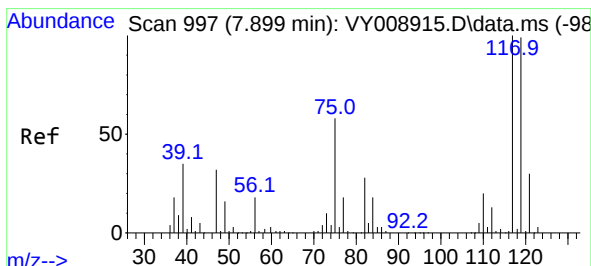
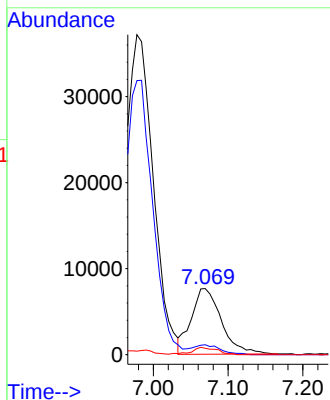
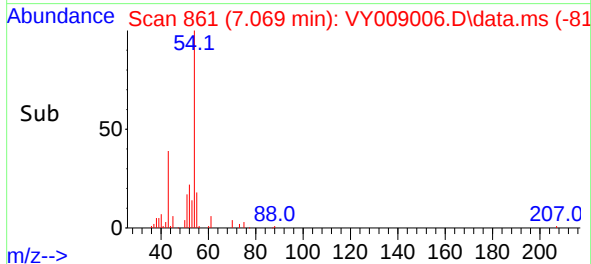
Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-0006-01MS



Tgt Ion: 43 Resp: 2136
Ion Ratio Lower Upper
43 100
61 13.6 9.7 14.5
70 9.5 7.1 10.7

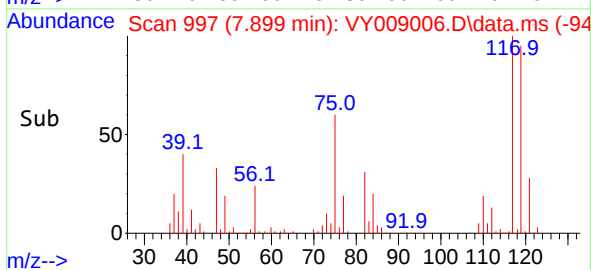
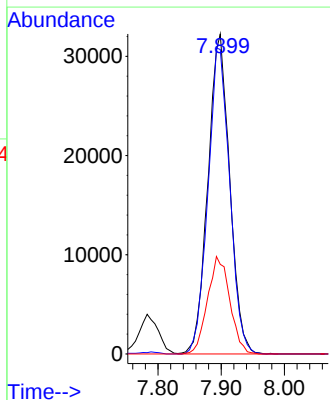
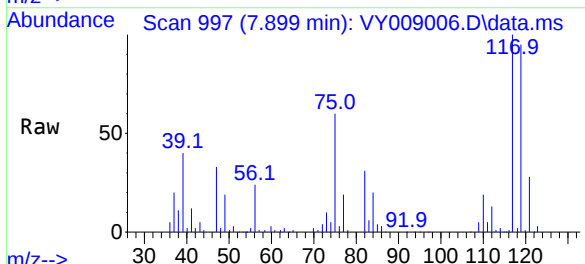
Manual Integrations
APPROVED

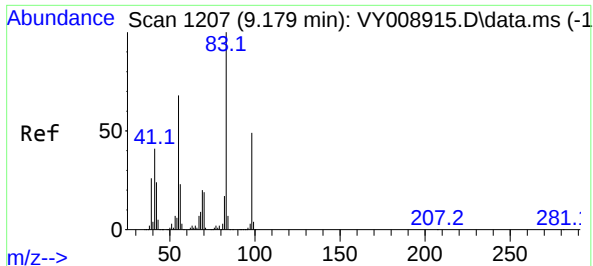
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#38
Carbon Tetrachloride
Concen: 49.076 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY009006.D
Acq: 23 May 2022 15:07

Tgt Ion:117 Resp: 77125
Ion Ratio Lower Upper
117 100
119 95.2 77.9 116.9
121 28.0 24.8 37.2





#39

Methylcyclohexane

Concen: 32.734 ug/l

RT: 9.179 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY009006.D

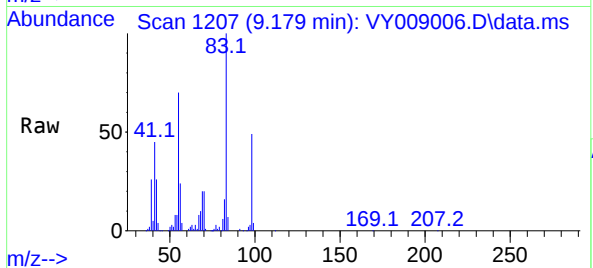
Acq: 23 May 2022 15:07

Instrument :

MSVOA_Y

ClientSampleId :

P038-SS001-0006-01MS



Tgt Ion: 83 Resp: 63479

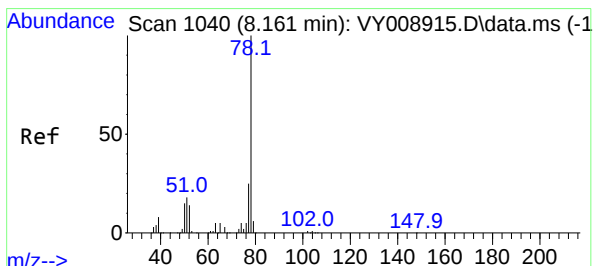
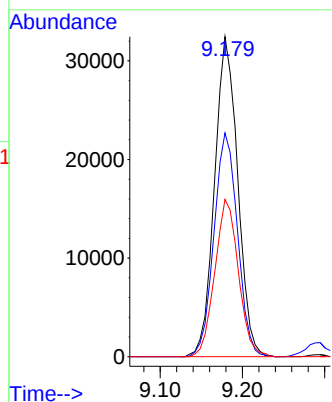
Ion	Ratio	Lower	Upper
83	100		
55	69.9	66.5	99.7
98	49.2	37.9	56.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/24/2022

Supervised By :Mahesh Dadoda 05/24/2022



#40

Benzene

Concen: 54.151 ug/l

RT: 8.155 min Scan# 1039

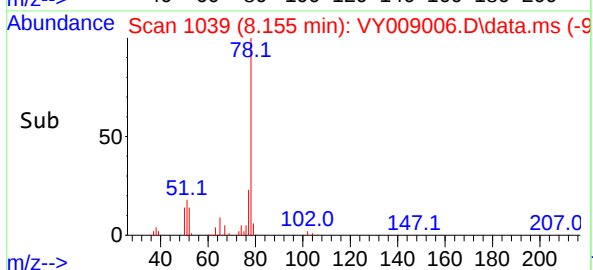
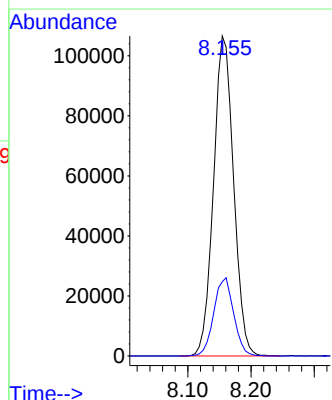
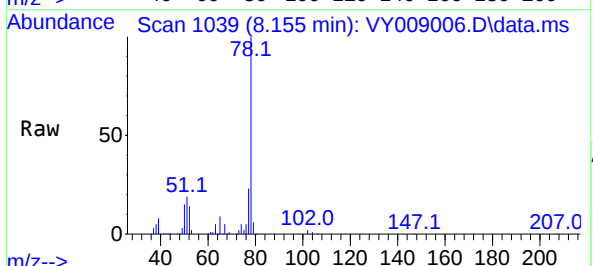
Delta R.T. -0.006 min

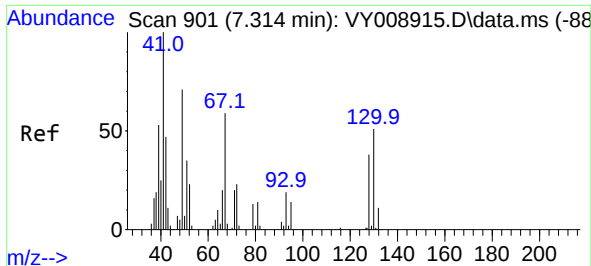
Lab File: VY009006.D

Acq: 23 May 2022 15:07

Tgt Ion: 78 Resp: 234584

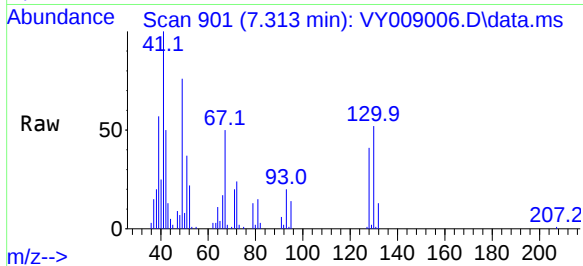
Ion	Ratio	Lower	Upper
78	100		
77	23.2	20.4	30.6





#41
Methacrylonitrile
Concen: 61.271 ug/l m
RT: 7.313 min Scan# 901
Delta R.T. -0.001 min
Lab File: VY009006.D
Acq: 23 May 2022 15:07

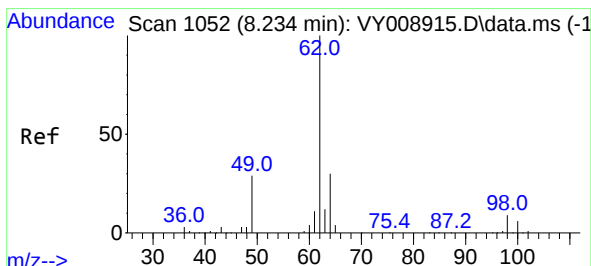
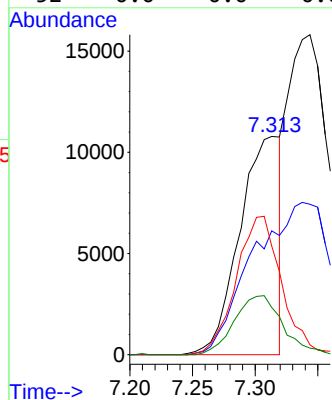
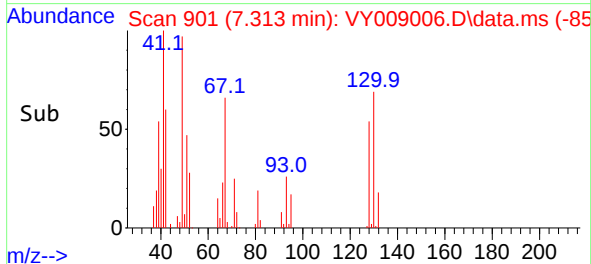
Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-0006-01MS



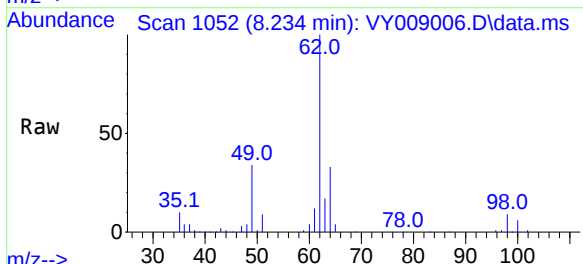
Tgt Ion: 41 Resp: 24639
Ion Ratio Lower Upper
41 100
39 134.0 92.9 139.3
67 0.0 0.0 0.0
52 0.0 0.0 0.0

Manual Integrations
APPROVED

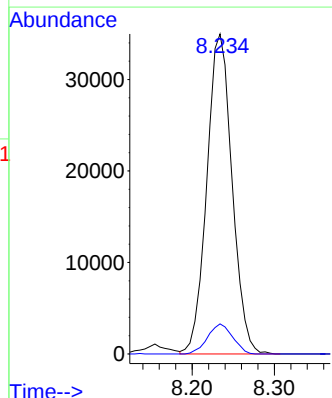
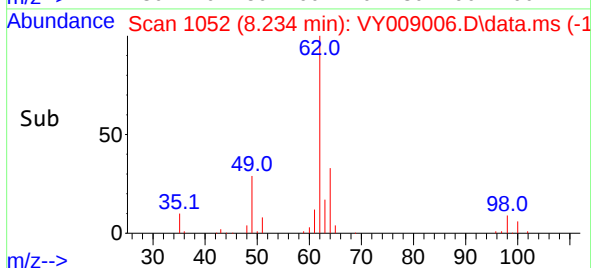
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

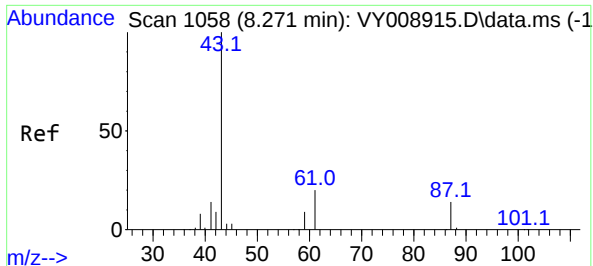


#42
1,2-Dichloroethane
Concen: 58.634 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY009006.D
Acq: 23 May 2022 15:07



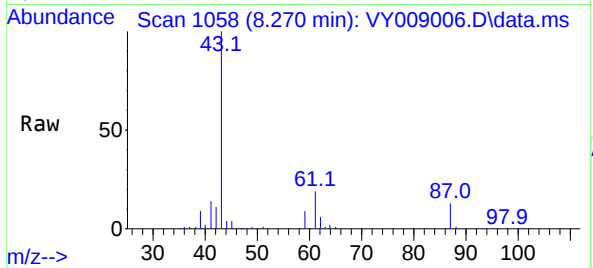
Tgt Ion: 62 Resp: 74586
Ion Ratio Lower Upper
62 100
98 9.3 0.0 14.8





#43
Isopropyl Acetate
Concen: 33.547 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. -0.001 min
Lab File: VY009006.D
Acq: 23 May 2022 15:07

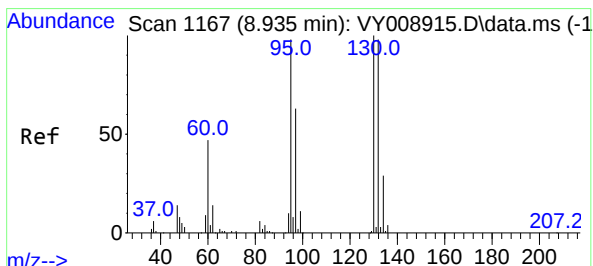
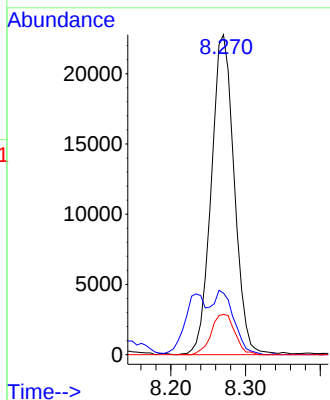
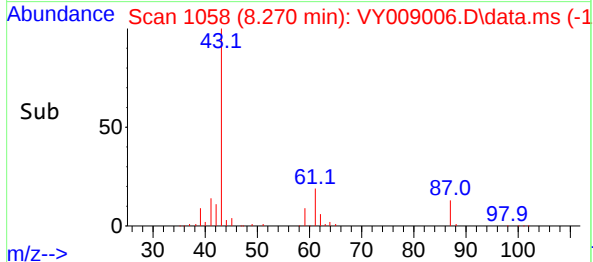
Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-0006-01MS



Tgt Ion: 43 Resp: 48610
Ion Ratio Lower Upper
43 100
61 17.5 20.2 30.2
87 13.0 8.9 13.3

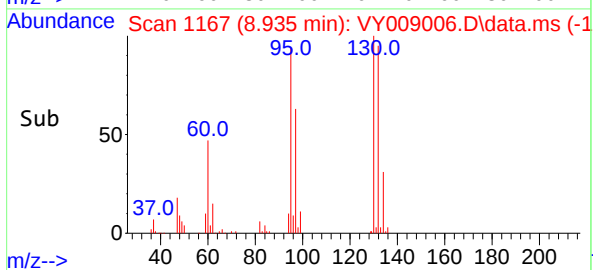
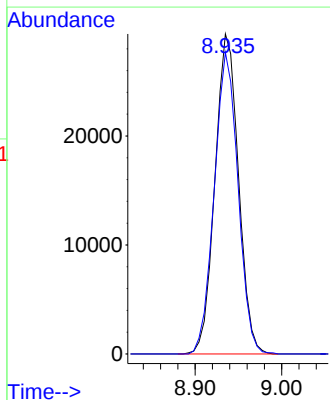
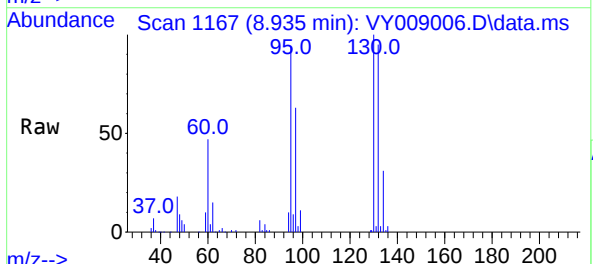
Manual Integrations
APPROVED

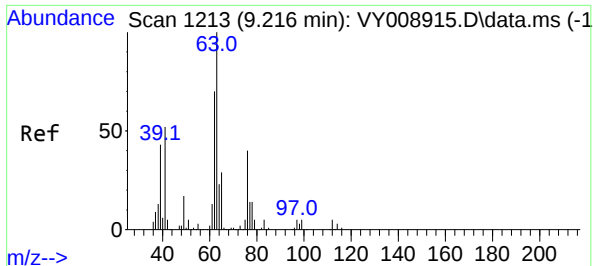
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#44
Trichloroethene
Concen: 48.206 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY009006.D
Acq: 23 May 2022 15:07

Tgt Ion:130 Resp: 55294
Ion Ratio Lower Upper
130 100
95 94.2 0.0 188.2





#45

1,2-Dichloropropane

Concen: 57.038 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.001 min

Lab File: VY009006.D

Acq: 23 May 2022 15:07

Instrument :

MSVOA_Y

ClientSampleId :

P038-SS001-0006-01MS

Tgt Ion: 63 Resp: 59330

Ion Ratio Lower Upper

63 100

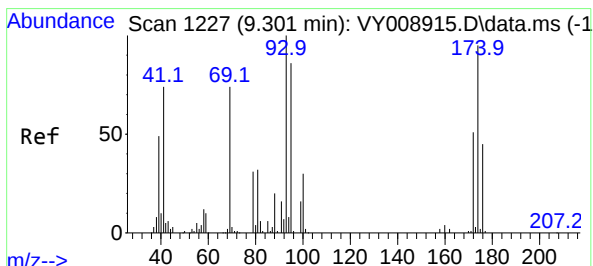
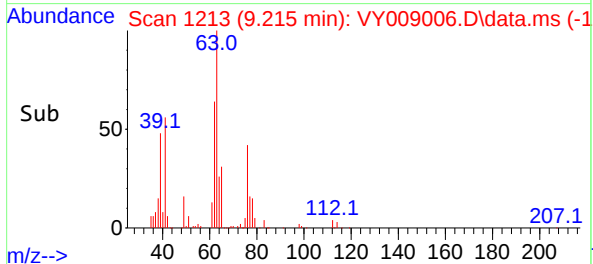
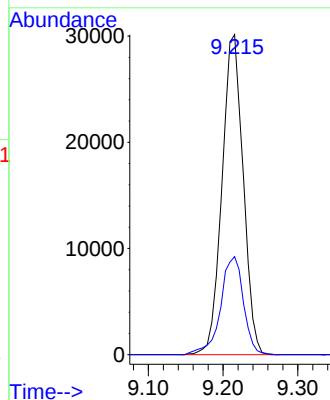
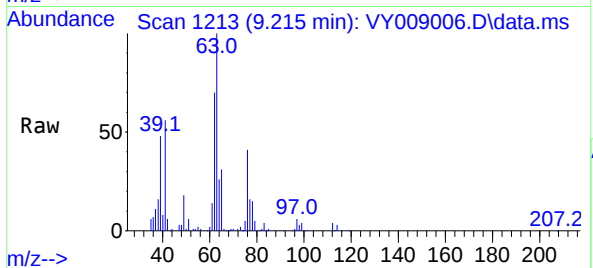
65 30.7 23.0 34.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/24/2022

Supervised By :Mahesh Dadoda 05/24/2022



#46

Dibromomethane

Concen: 56.674 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY009006.D

Acq: 23 May 2022 15:07

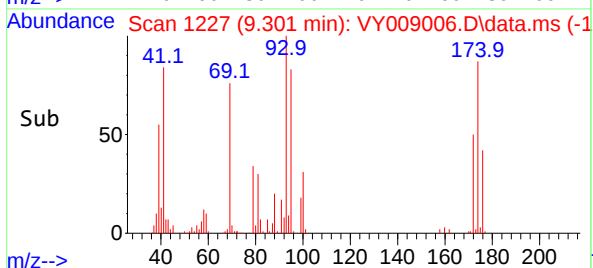
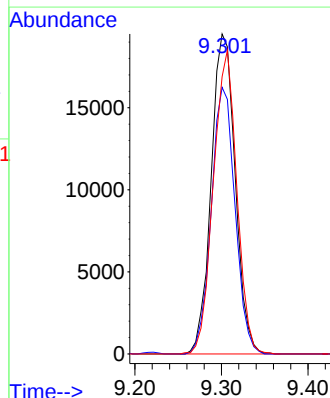
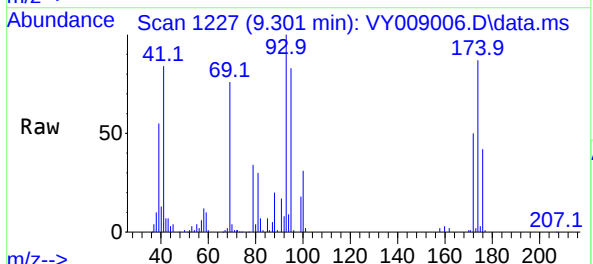
Tgt Ion: 93 Resp: 37485

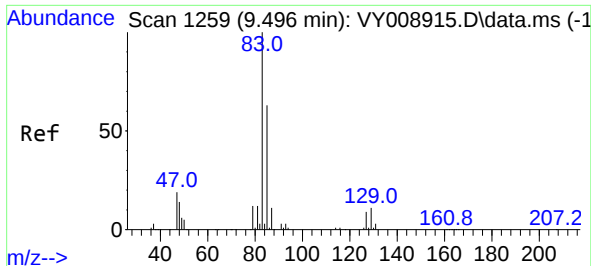
Ion Ratio Lower Upper

93 100

95 82.5 64.3 96.5

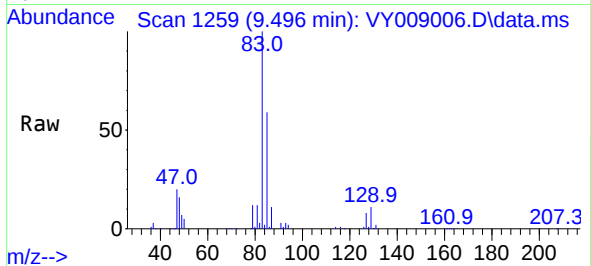
174 92.6 83.4 125.0





#47
Bromodichloromethane
Concen: 54.655 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY009006.D
Acq: 23 May 2022 15:07

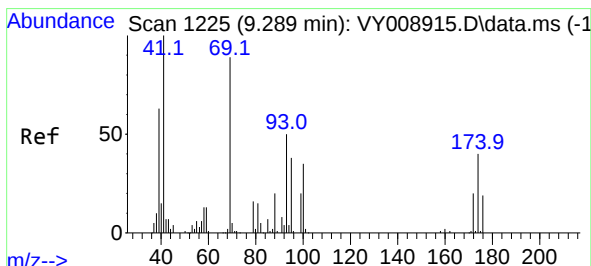
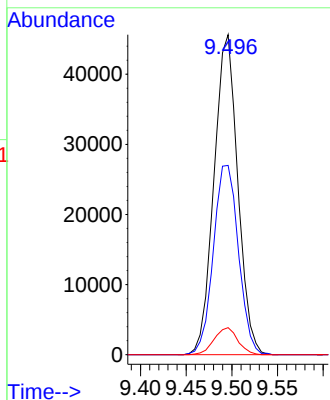
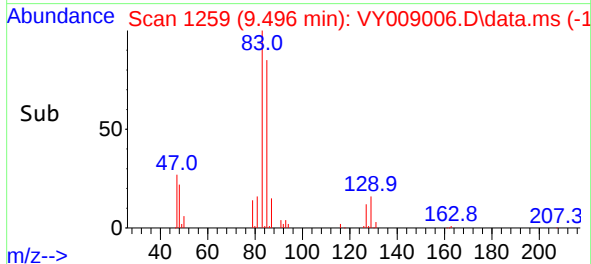
Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-0006-01MS



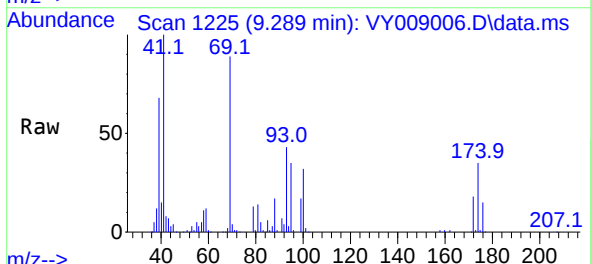
Tgt Ion: 83 Resp: 8261
Ion Ratio Lower Upper
83 100
85 59.2 51.9 77.9
127 8.5 6.6 10.0

Manual Integrations
APPROVED

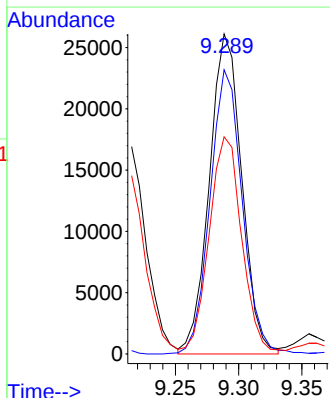
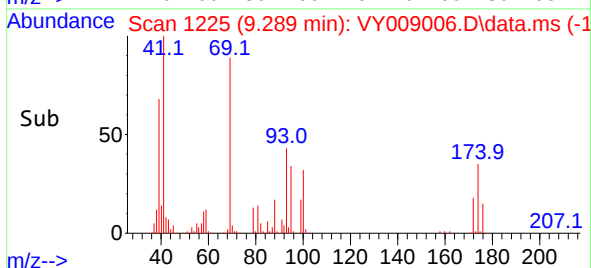
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

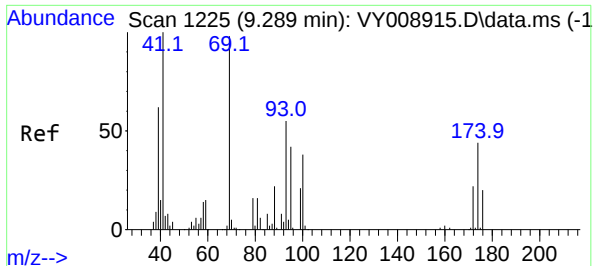


#48
Methyl methacrylate
Concen: 71.882 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY009006.D
Acq: 23 May 2022 15:07



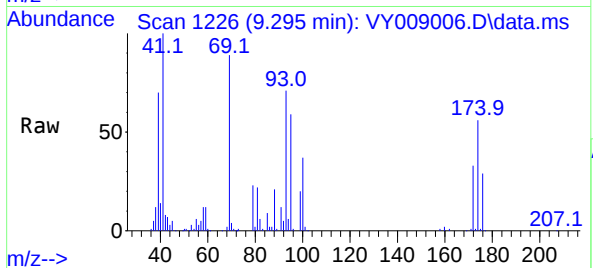
Tgt Ion: 41 Resp: 46509
Ion Ratio Lower Upper
41 100
69 88.4 58.2 87.2#
39 68.2 47.4 71.0





#49
1,4-Dioxane
Concen: 1213.696 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY009006.D
Acq: 23 May 2022 15:07

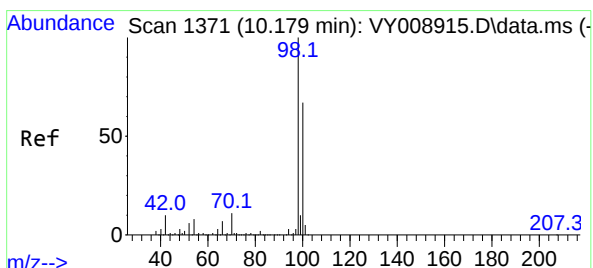
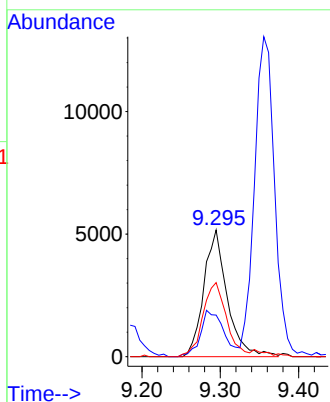
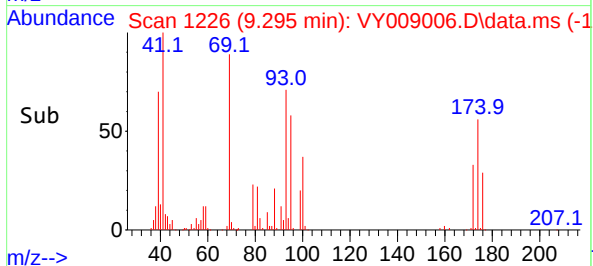
Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-0006-01MS



Tgt Ion: 88 Resp: 1073
Ion Ratio Lower Upper
88 100
43 36.6 32.8 49.2
58 59.0 59.8 89.6

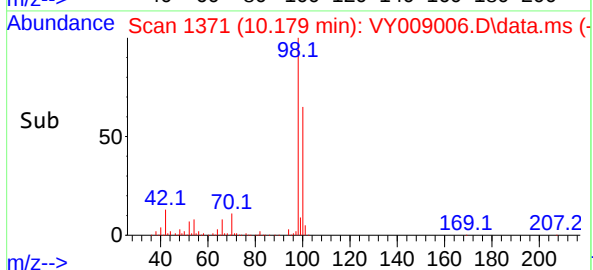
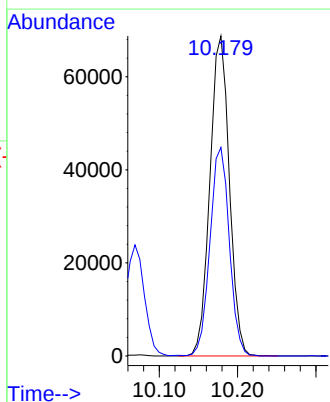
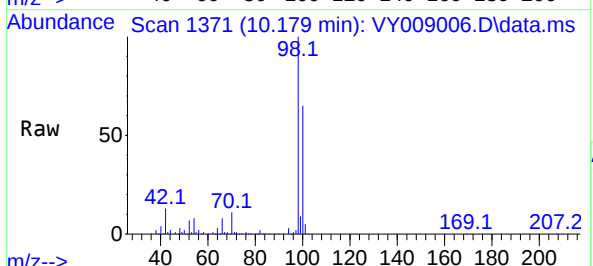
Manual Integrations
APPROVED

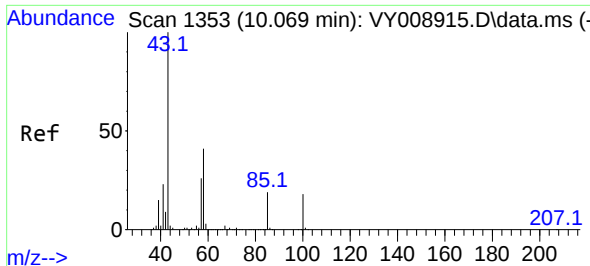
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#50
Toluene-d8
Concen: 36.404 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009006.D
Acq: 23 May 2022 15:07

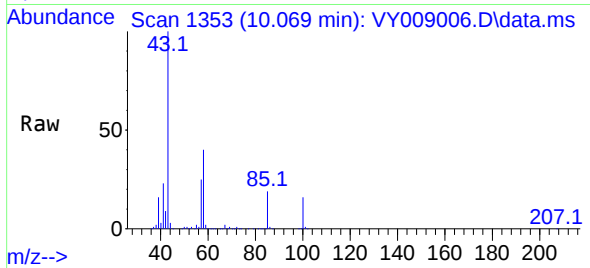
Tgt Ion: 98 Resp: 118555
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2





#51
4-Methyl-2-Pentanone
Concen: 304.415 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY009006.D
Acq: 23 May 2022 15:07

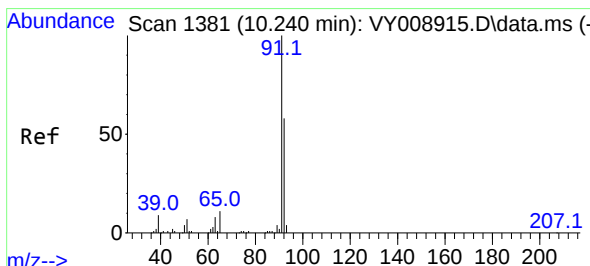
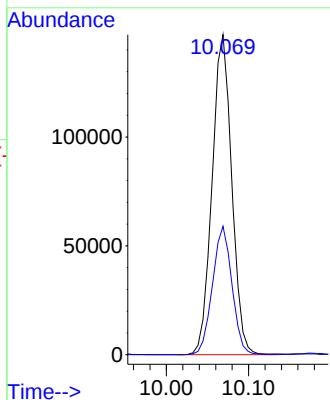
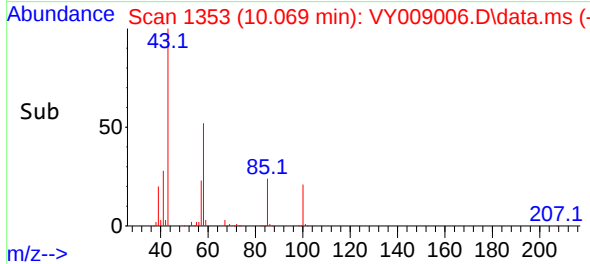
Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-0006-01MS



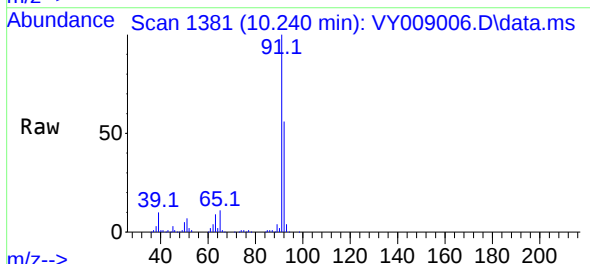
Tgt Ion: 43 Resp: 244119
Ion Ratio Lower Upper
43 100
58 39.8 28.1 42.1

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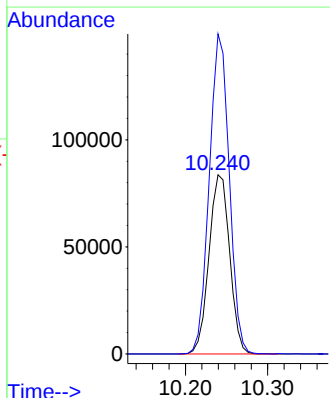
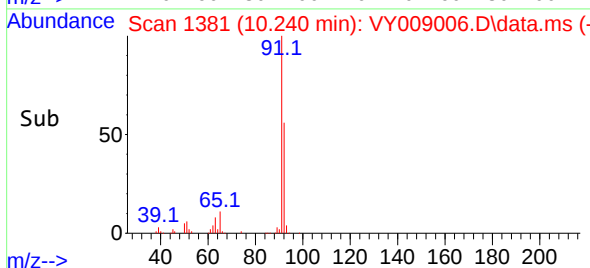
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

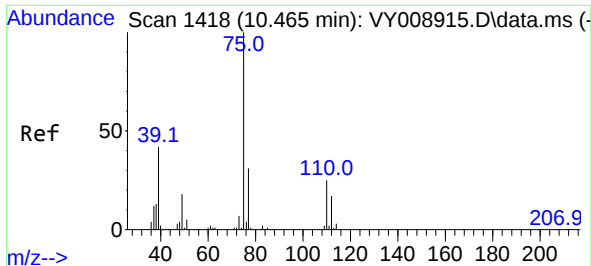


#52
Toluene
Concen: 48.304 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY009006.D
Acq: 23 May 2022 15:07



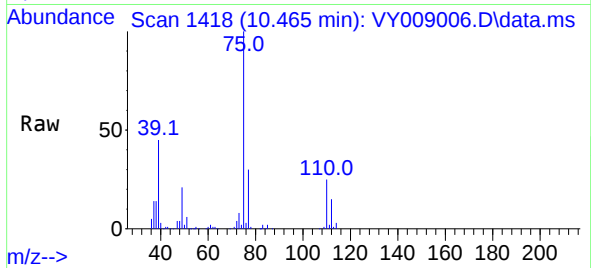
Tgt Ion: 92 Resp: 146237
Ion Ratio Lower Upper
92 100
91 172.3 142.6 213.8





#53
t-1,3-Dichloropropene
Concen: 54.007 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY009006.D
Acq: 23 May 2022 15:07

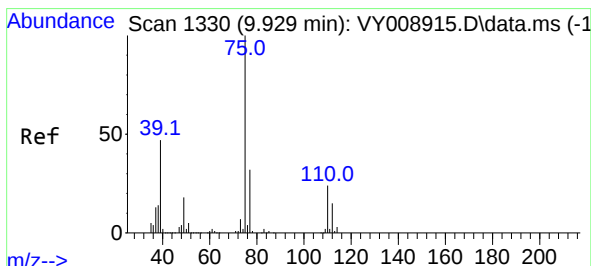
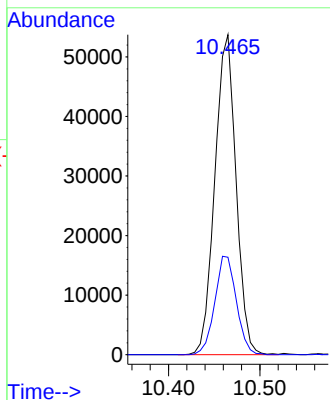
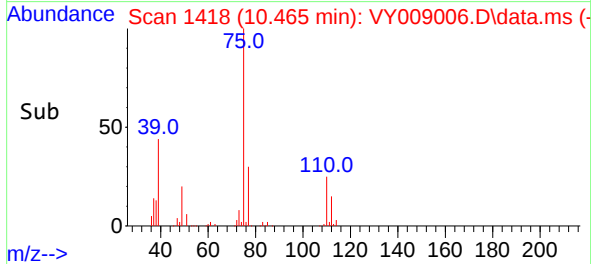
Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-0006-01MS



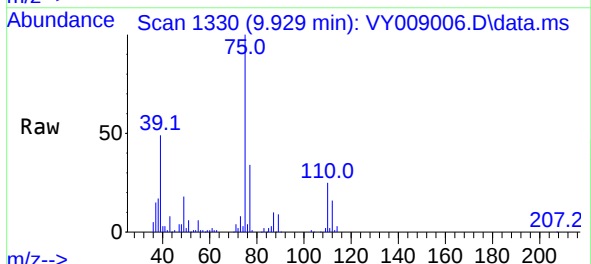
Tgt Ion: 75 Resp: 86692
Ion Ratio Lower Upper
75 100
77 30.5 25.4 38.2

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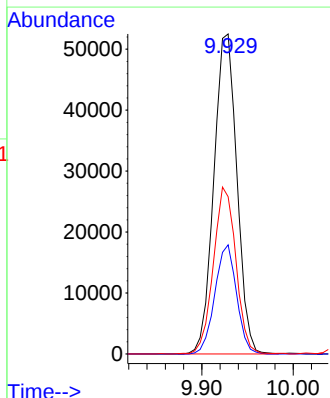
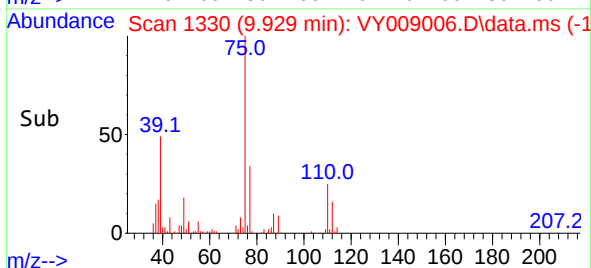
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

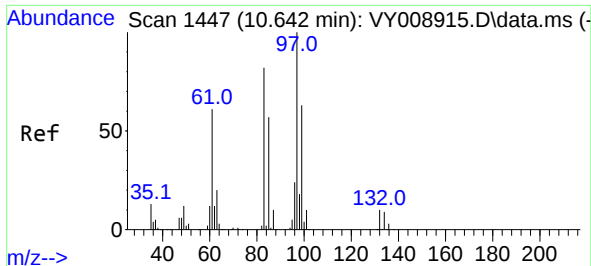


#54
cis-1,3-Dichloropropene
Concen: 53.363 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY009006.D
Acq: 23 May 2022 15:07



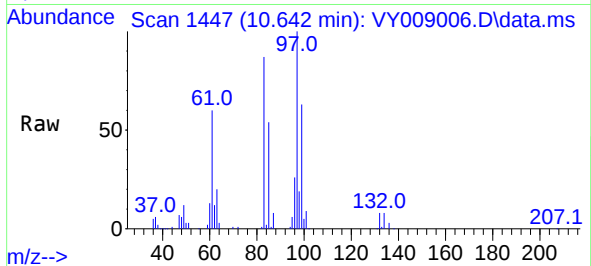
Tgt Ion: 75 Resp: 92085
Ion Ratio Lower Upper
75 100
77 34.1 25.6 38.4
39 49.0 47.6 71.4





#55
1,1,2-Trichloroethane
Concen: 54.288 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY009006.D
Acq: 23 May 2022 15:07

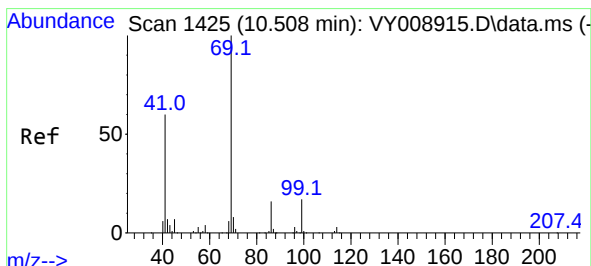
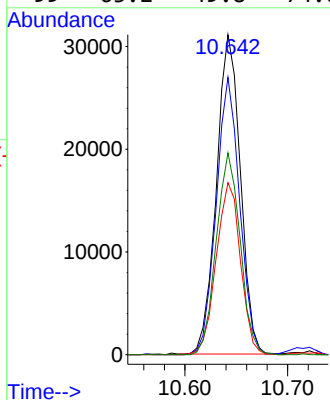
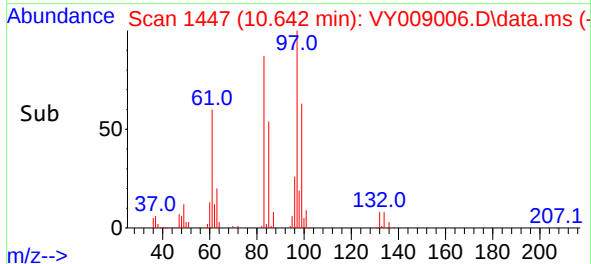
Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-0006-01MS



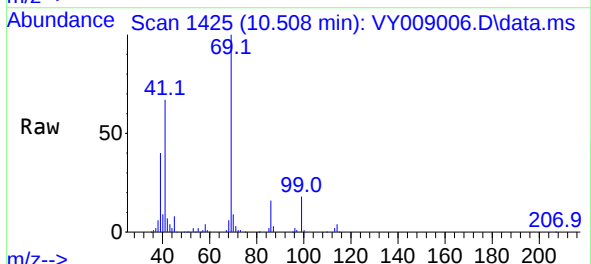
Tgt Ion:	97	Resp:	5023
Ion Ratio	100	Lower	Upper
97	100		
83	86.8	69.8	104.8
85	53.8	44.3	66.5
99	63.2	49.8	74.6

Manual Integrations
APPROVED

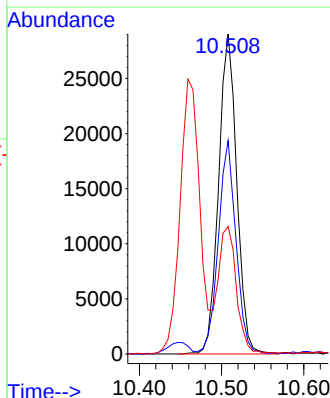
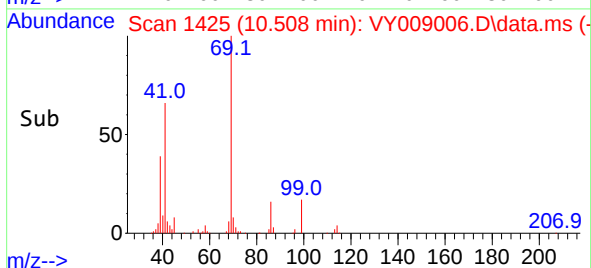
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

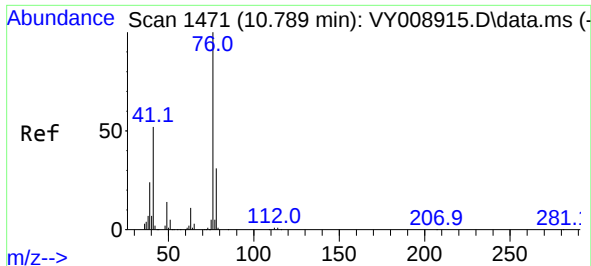


#56
Ethyl methacrylate
Concen: 37.711 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY009006.D
Acq: 23 May 2022 15:07



Tgt Ion:	69	Resp:	44614
Ion Ratio	100	Lower	Upper
69	100		
41	64.9	63.4	95.0
39	38.1	35.8	53.8





#57

1,3-Dichloropropane

Concen: 55.941 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.001 min

Lab File: VY009006.D

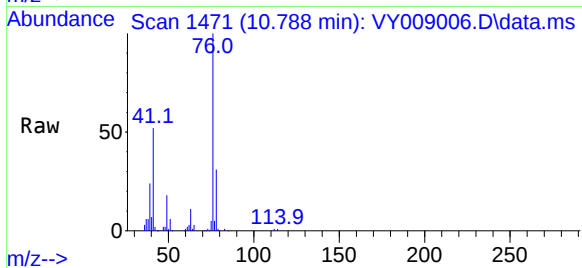
Acq: 23 May 2022 15:07

Instrument :

MSVOA_Y

ClientSampleId :

P038-SS001-0006-01MS



Tgt Ion: 76 Resp: 8444

Ion Ratio Lower Upper

76 100

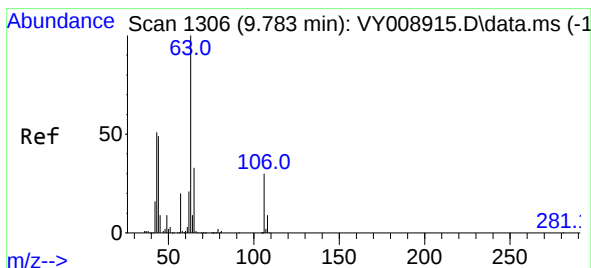
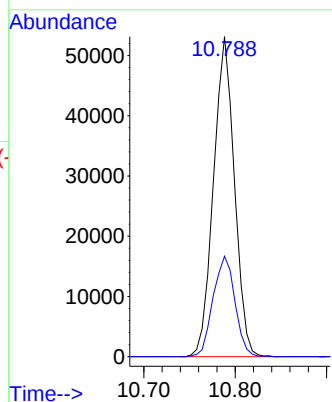
78 32.8 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/24/2022

Supervised By :Mahesh Dadoda 05/24/2022



#58

2-Chloroethyl Vinyl ether

Concen: 266.381 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.001 min

Lab File: VY009006.D

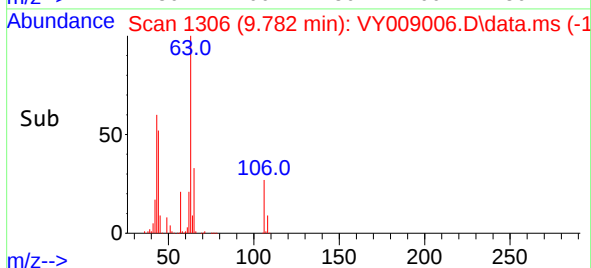
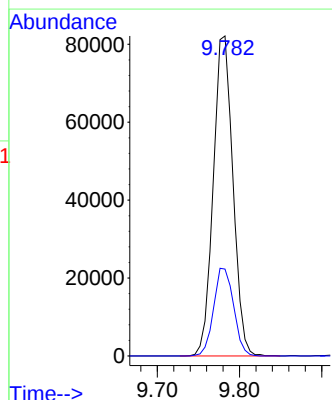
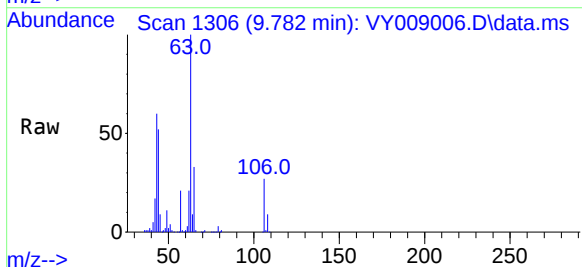
Acq: 23 May 2022 15:07

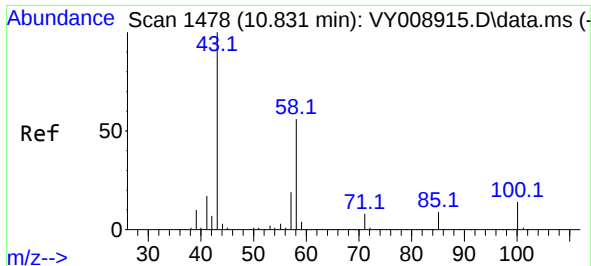
Tgt Ion: 63 Resp: 136340

Ion Ratio Lower Upper

63 100

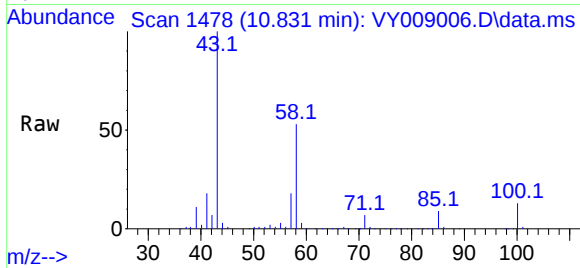
106 27.9 21.5 32.3





#59
2-Hexanone
Concen: 294.725 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY009006.D
Acq: 23 May 2022 15:07

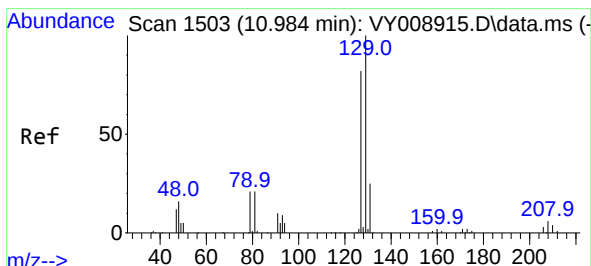
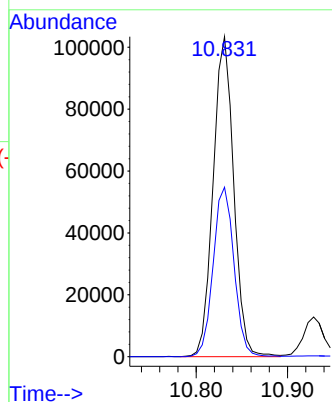
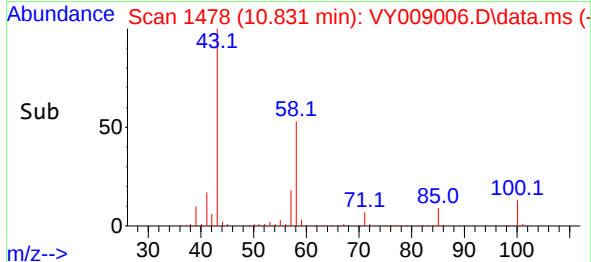
Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-0006-01MS



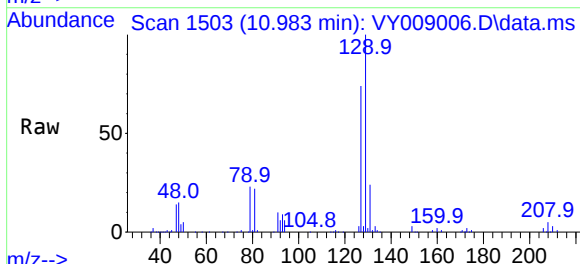
Tgt Ion: 43 Resp: 16182
Ion Ratio Lower Upper
43 100
58 53.7 24.4 73.4

Manual Integrations
APPROVED

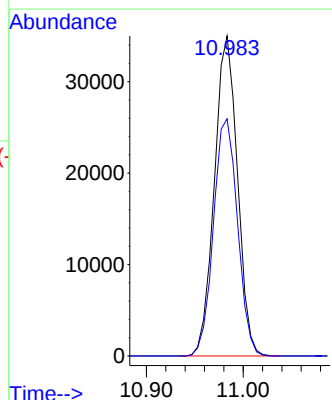
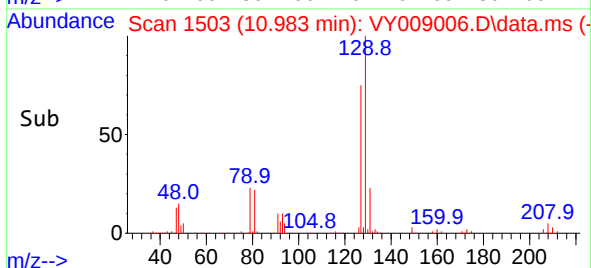
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

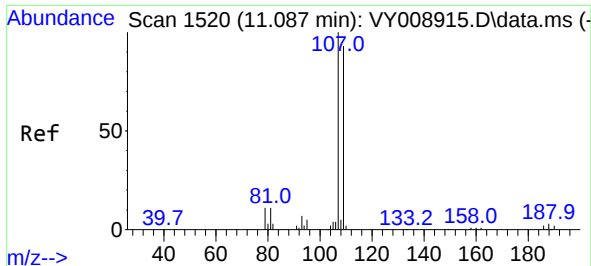


#60
Dibromochloromethane
Concen: 51.616 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.001 min
Lab File: VY009006.D
Acq: 23 May 2022 15:07



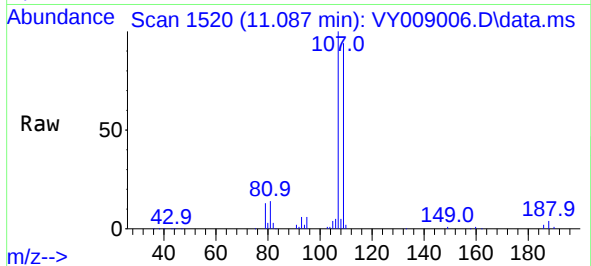
Tgt Ion:129 Resp: 57898
Ion Ratio Lower Upper
129 100
127 77.3 38.7 116.1





#61
1,2-Dibromoethane
Concen: 53.390 ug/l
RT: 11.087 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VY009006.D
Acq: 23 May 2022 15:07

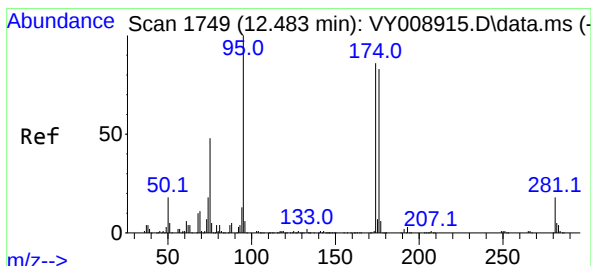
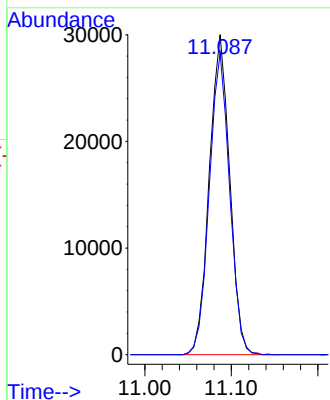
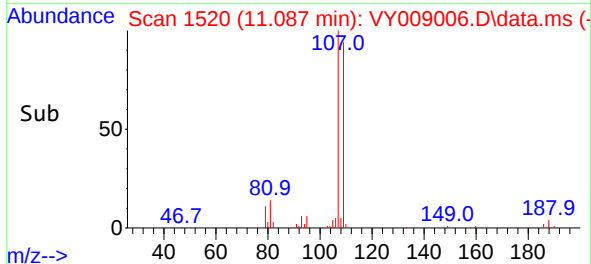
Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-0006-01MS



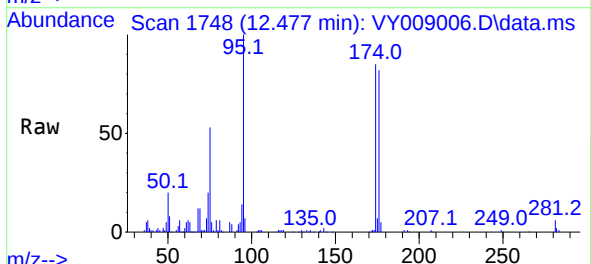
Tgt Ion:107 Resp: 48950
Ion Ratio Lower Upper
107 100
109 94.0 75.4 113.2

Manual Integrations
APPROVED

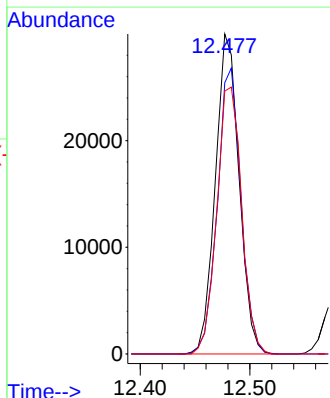
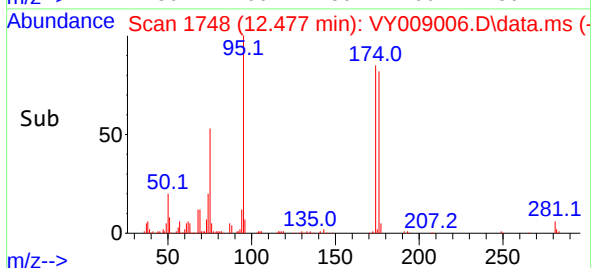
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

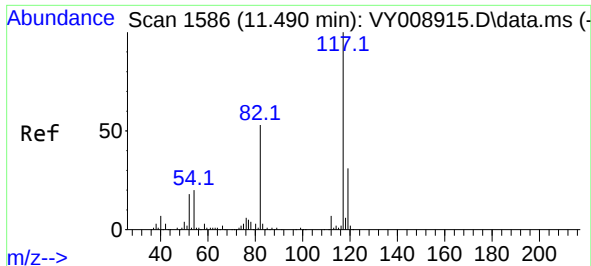


#62
4-Bromofluorobenzene
Concen: 34.314 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY009006.D
Acq: 23 May 2022 15:07



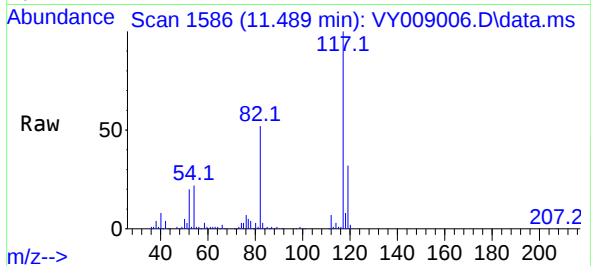
Tgt Ion: 95 Resp: 45078
Ion Ratio Lower Upper
95 100
174 88.9 0.0 177.0
176 87.6 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.001 min
Lab File: VY009006.D
Acq: 23 May 2022 15:07

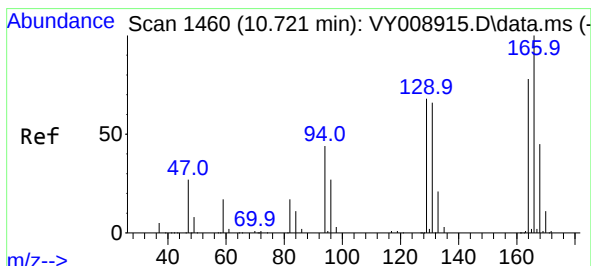
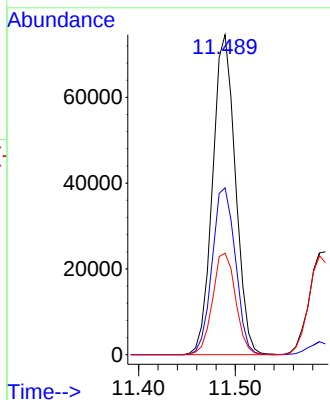
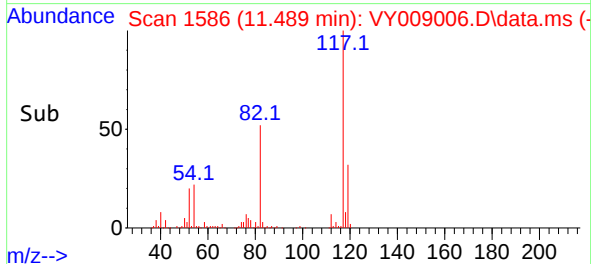
Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-0006-01MS



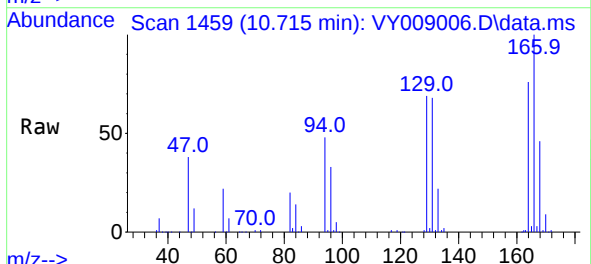
Tgt Ion:117 Resp: 122049
Ion Ratio Lower Upper
117 100
82 52.1 43.0 64.4
119 31.7 25.4 38.0

Manual Integrations
APPROVED

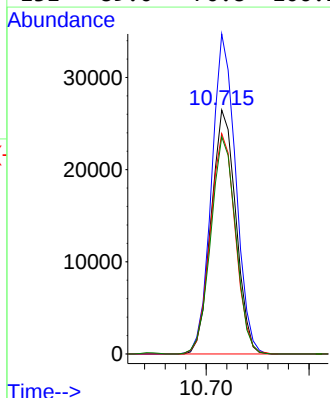
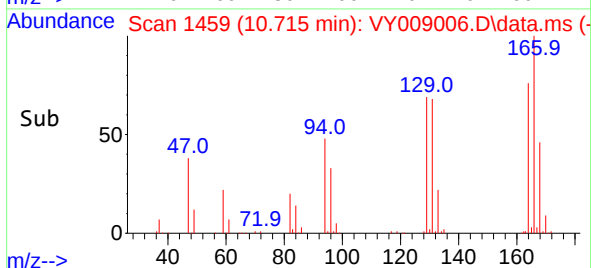
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

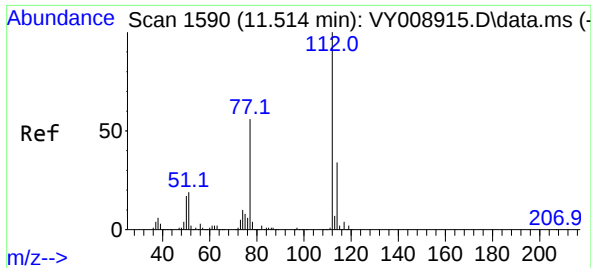


#64
Tetrachloroethene
Concen: 49.600 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY009006.D
Acq: 23 May 2022 15:07



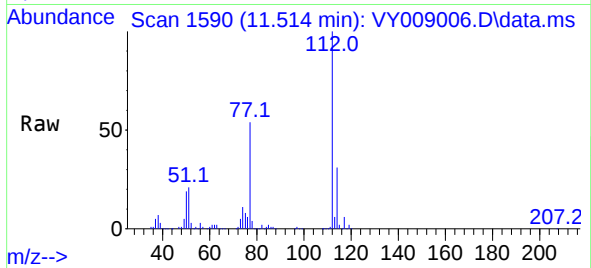
Tgt Ion:164 Resp: 44062
Ion Ratio Lower Upper
164 100
166 131.2 100.4 150.6
129 90.3 71.4 107.0
131 89.0 70.8 106.2





#65
Chlorobenzene
Concen: 49.005 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. -0.000 min
Lab File: VY009006.D
Acq: 23 May 2022 15:07

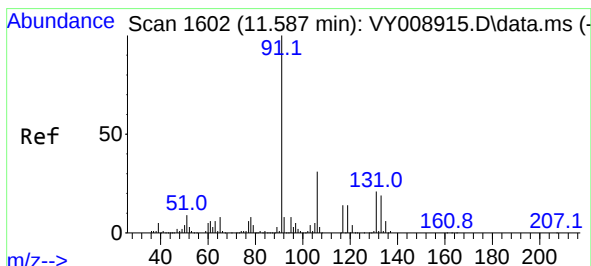
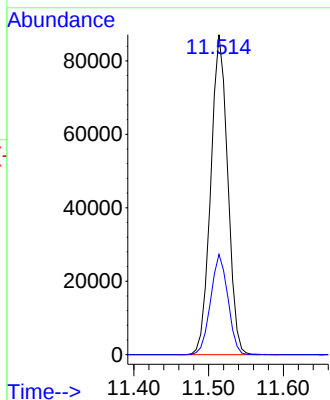
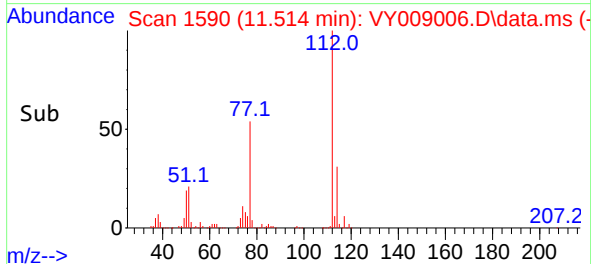
Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-0006-01MS



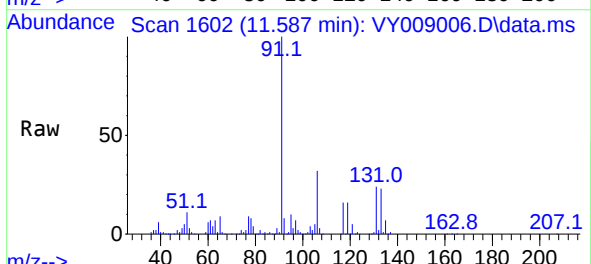
Tgt Ion:112 Resp: 13727
Ion Ratio Lower Upper
112 100
114 31.3 25.8 38.6

Manual Integrations
APPROVED

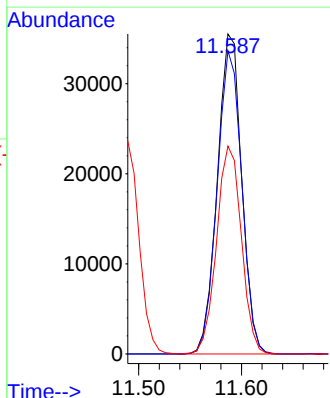
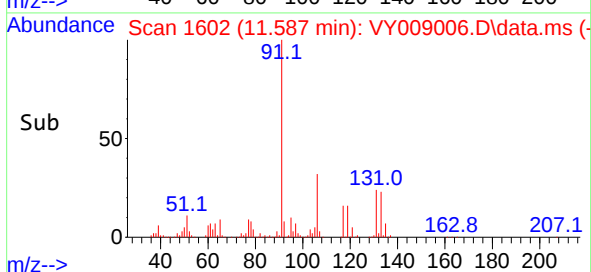
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

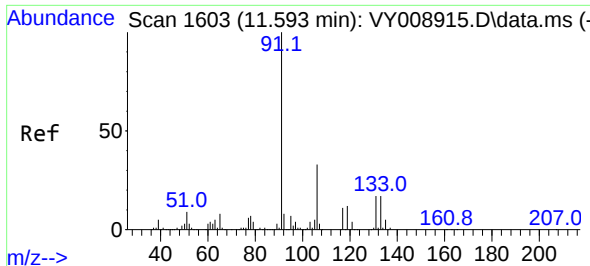


#66
1,1,1,2-Tetrachloroethane
Concen: 56.936 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY009006.D
Acq: 23 May 2022 15:07



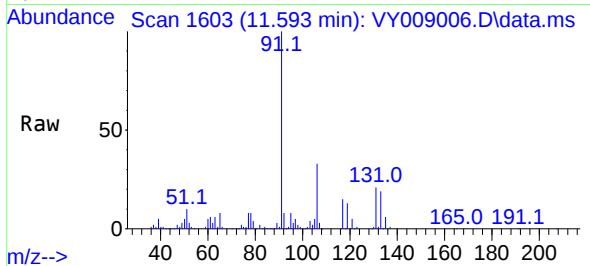
Tgt Ion:131 Resp: 58402
Ion Ratio Lower Upper
131 100
133 95.6 47.9 143.6
119 66.2 30.8 92.3





#67
Ethyl Benzene
Concen: 48.486 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY009006.D
Acq: 23 May 2022 15:07

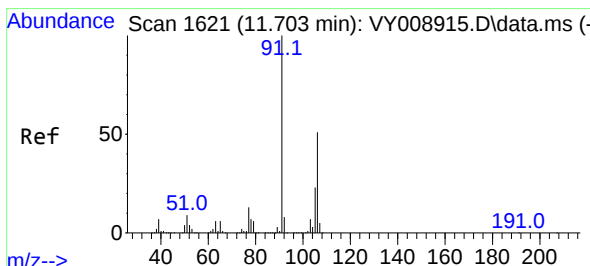
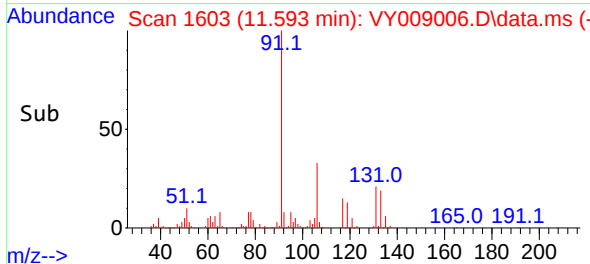
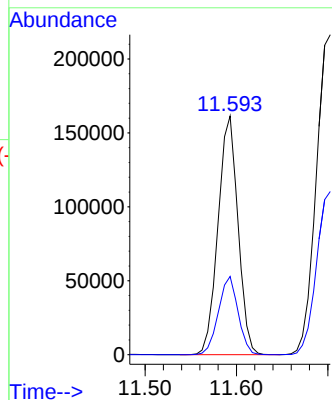
Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-0006-01MS



Tgt Ion: 91 Resp: 244774
Ion Ratio Lower Upper
91 100
106 32.8 24.5 36.7

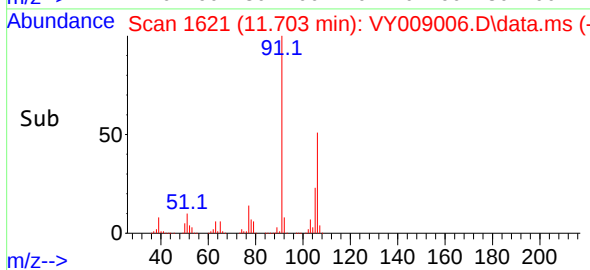
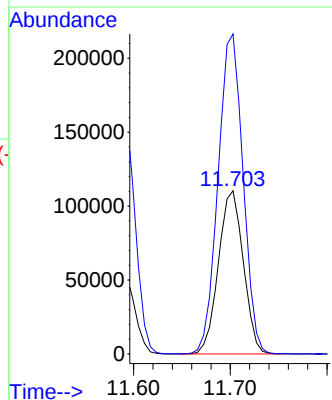
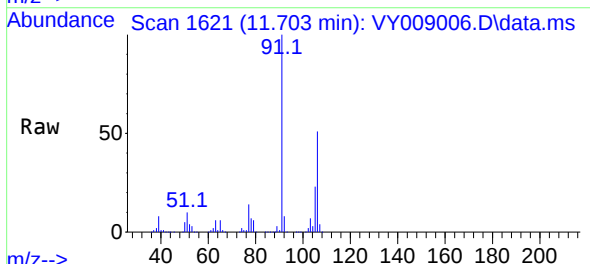
Manual Integrations
APPROVED

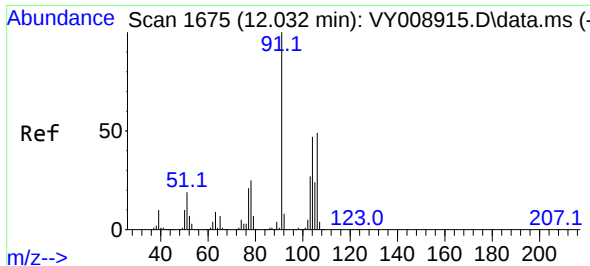
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#68
m/p-Xylenes
Concen: 96.194 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY009006.D
Acq: 23 May 2022 15:07

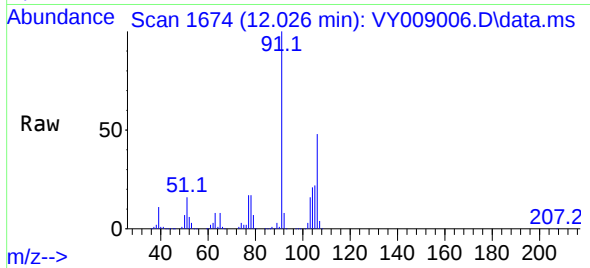
Tgt Ion:106 Resp: 197137
Ion Ratio Lower Upper
106 100
91 196.5 166.6 249.8





#69
o-Xylene
Concen: 49.997 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY009006.D
Acq: 23 May 2022 15:07

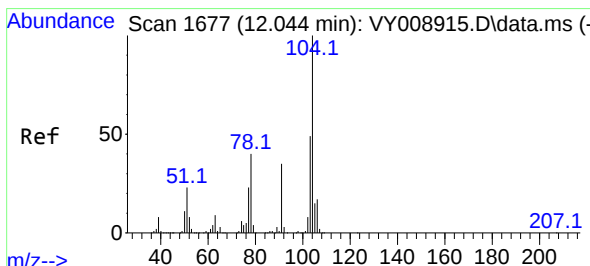
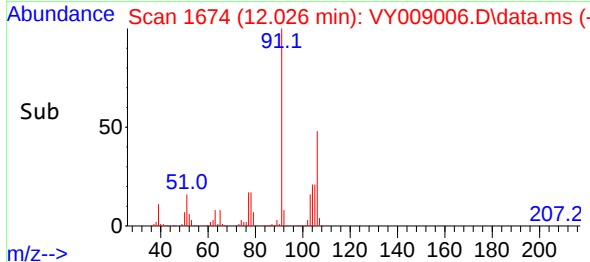
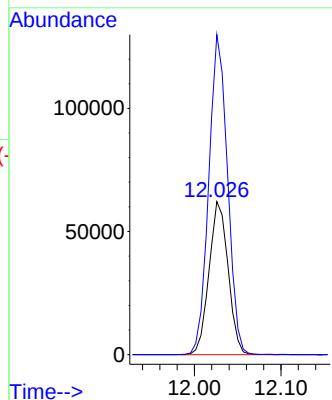
Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-0006-01MS



Tgt Ion:106 Resp: 95149
Ion Ratio Lower Upper
106 100
91 205.9 110.3 331.0

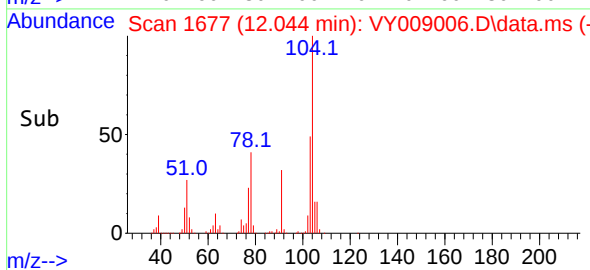
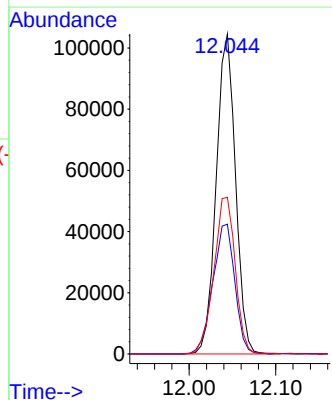
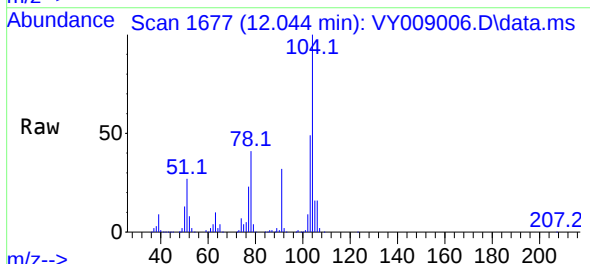
Manual Integrations
APPROVED

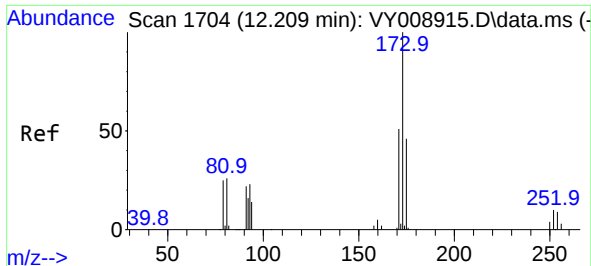
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#70
Styrene
Concen: 49.363 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY009006.D
Acq: 23 May 2022 15:07

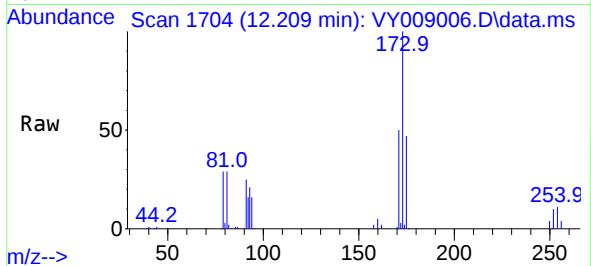
Tgt Ion:104 Resp: 161556
Ion Ratio Lower Upper
104 100
78 46.4 42.4 63.6
103 54.4 44.4 66.6





#71
Bromoform
Concen: 54.726 ug/l
RT: 12.209 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009006.D
Acq: 23 May 2022 15:07

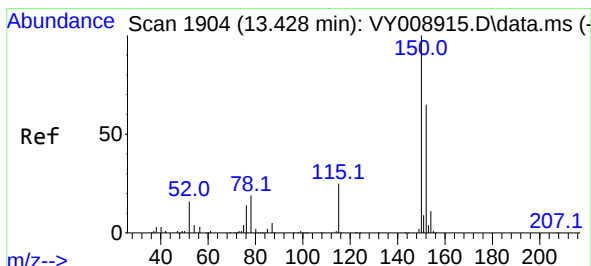
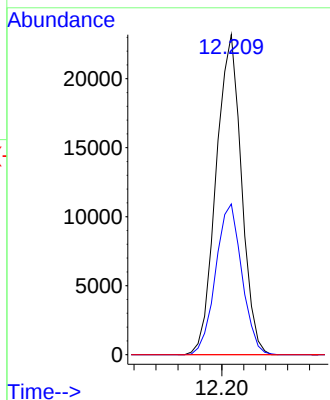
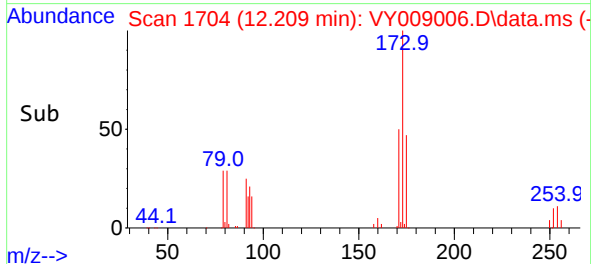
Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-0006-01MS



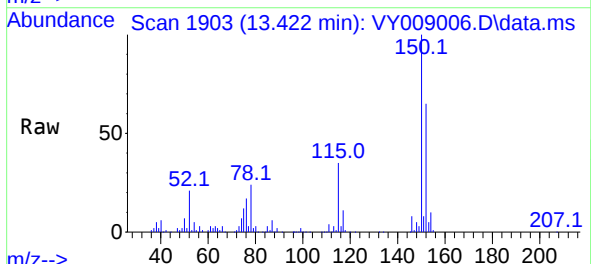
Tgt Ion:173 Resp: 3721
Ion Ratio Lower Upper
173 100
175 48.8 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

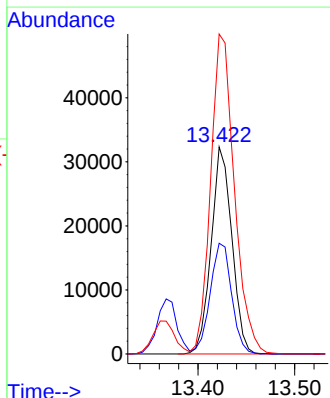
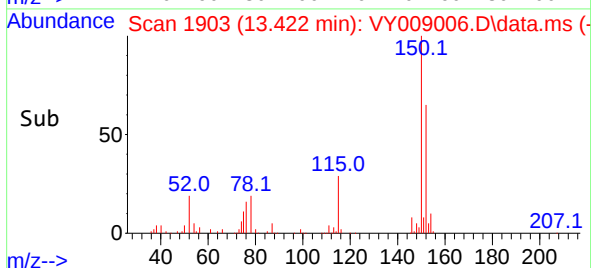
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

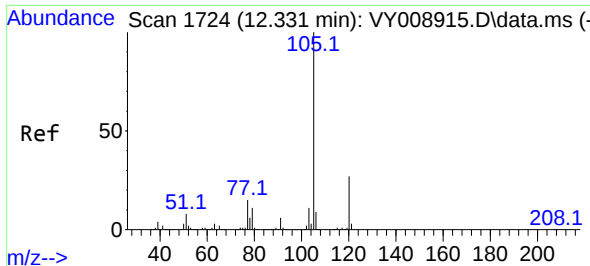


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY009006.D
Acq: 23 May 2022 15:07



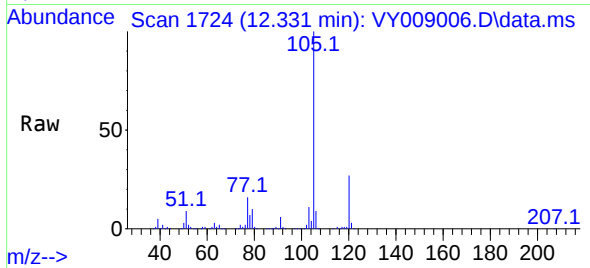
Tgt Ion:152 Resp: 47999
Ion Ratio Lower Upper
152 100
115 55.5 28.2 84.7
150 177.1 0.0 347.6





#73
Isopropylbenzene
Concen: 60.846 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY009006.D
Acq: 23 May 2022 15:07

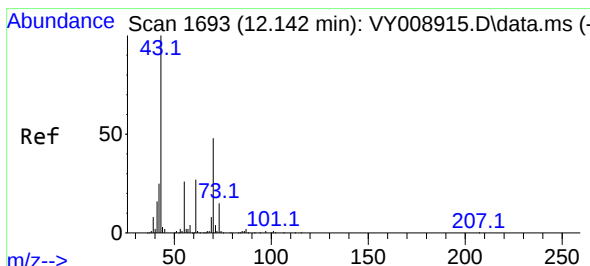
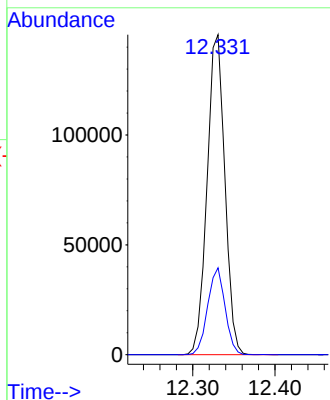
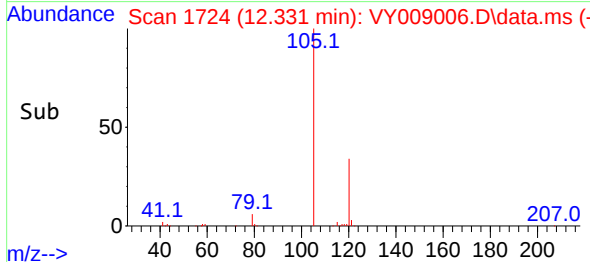
Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-0006-01MS



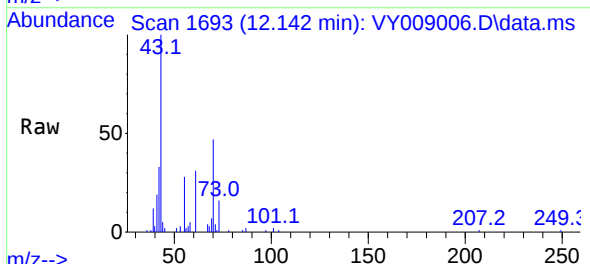
Tgt Ion:105 Resp: 21838
Ion Ratio Lower Upper
105 100
120 26.5 13.4 40.2

Manual Integrations
APPROVED

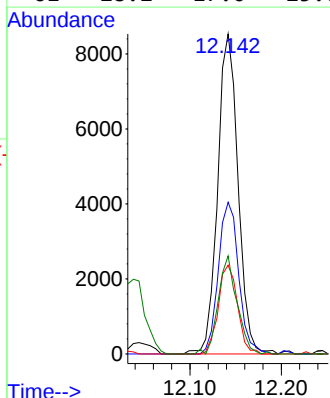
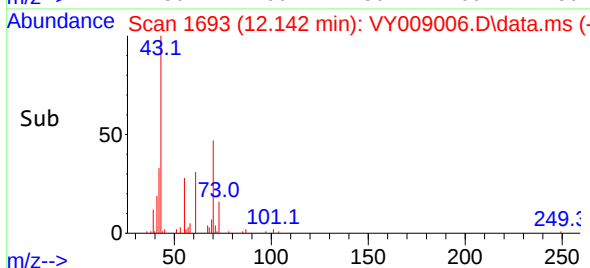
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

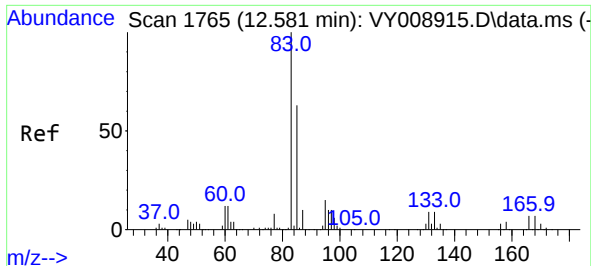


#74
N-ethyl acetate
Concen: 15.957 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY009006.D
Acq: 23 May 2022 15:07



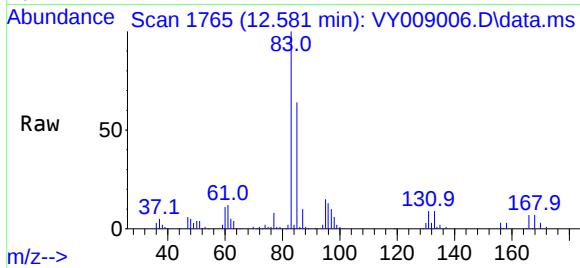
Tgt Ion: 43 Resp: 13214
Ion Ratio Lower Upper
43 100
70 47.5 28.7 43.1#
55 26.3 17.3 25.9#
61 28.2 17.0 25.6#





#75
1,1,2,2-Tetrachloroethane
Concen: 82.488 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY009006.D
Acq: 23 May 2022 15:07

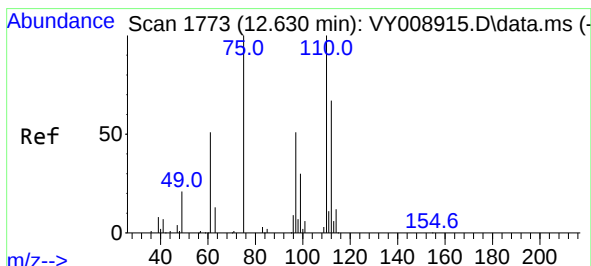
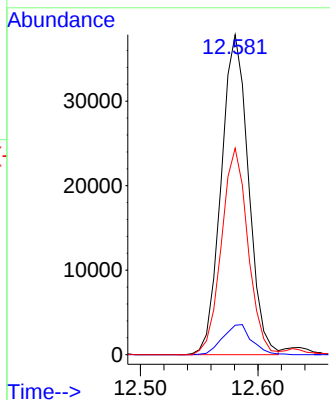
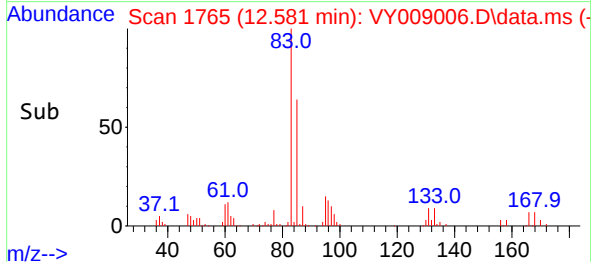
Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-0006-01MS



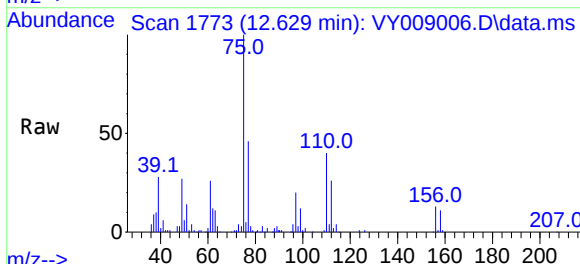
Tgt Ion: 83 Resp: 6098
Ion Ratio Lower Upper
83 100
131 9.9 5.6 16.8
85 62.8 32.3 96.8

Manual Integrations
APPROVED

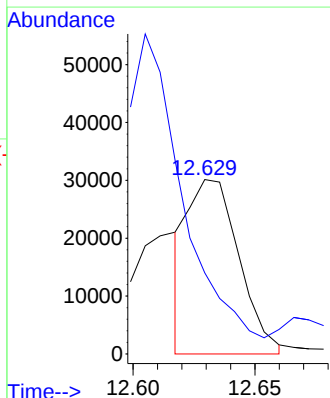
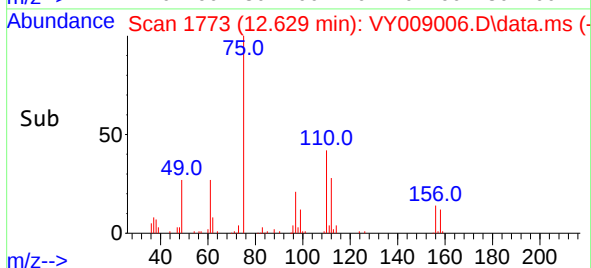
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

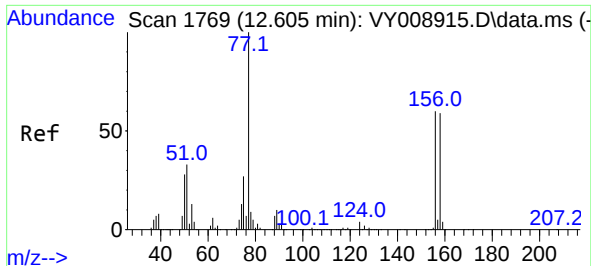


#76
1,2,3-Trichloropropane
Concen: 85.440 ug/l m
RT: 12.629 min Scan# 1773
Delta R.T. -0.001 min
Lab File: VY009006.D
Acq: 23 May 2022 15:07



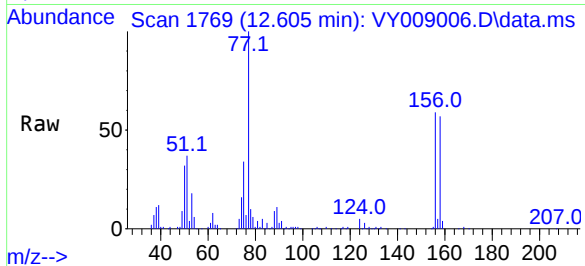
Tgt Ion: 75 Resp: 44040
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 63.541 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY009006.D
Acq: 23 May 2022 15:07

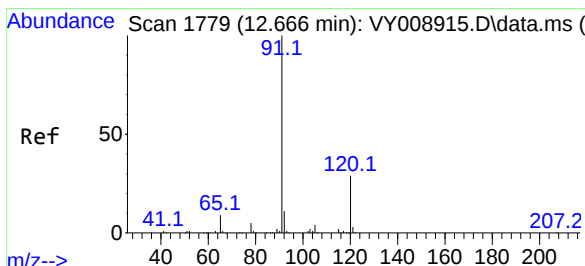
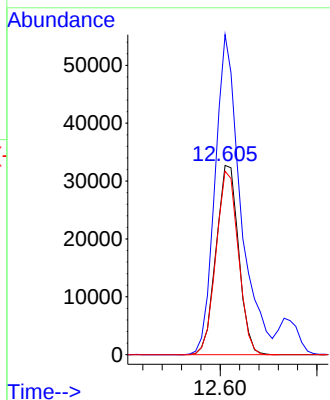
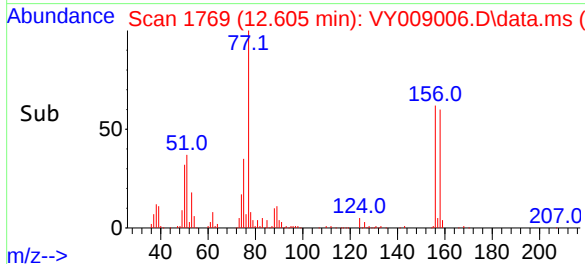
Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-0006-01MS



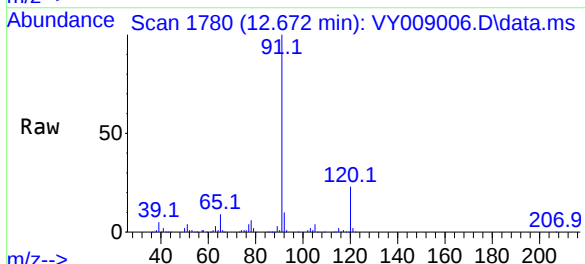
Tgt Ion: 156 Resp: 5286
Ion Ratio Lower Upper
156 100
77 191.7 95.5 286.4
158 96.1 48.0 144.0

Manual Integrations
APPROVED

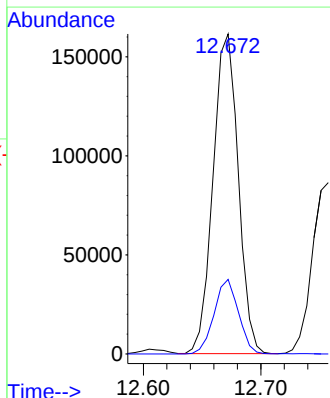
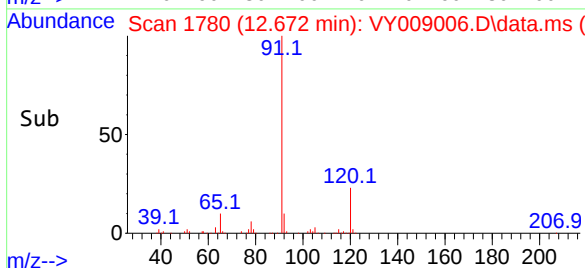
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

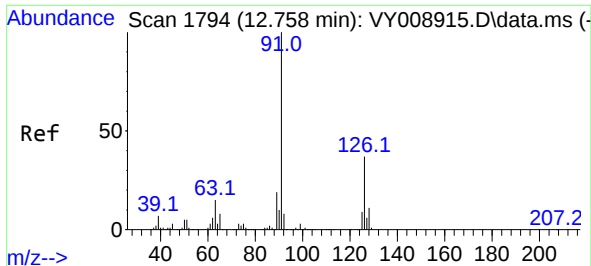


#78
n-propylbenzene
Concen: 58.064 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VY009006.D
Acq: 23 May 2022 15:07



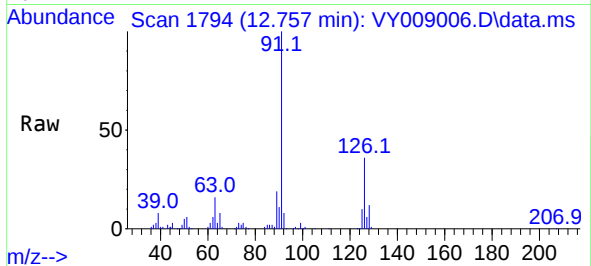
Tgt Ion: 91 Resp: 240771
Ion Ratio Lower Upper
91 100
120 22.5 11.3 33.9





#79
2-Chlorotoluene
Concen: 56.945 ug/l
RT: 12.757 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009006.D
Acq: 23 May 2022 15:07

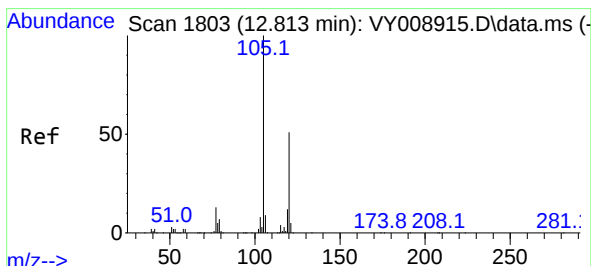
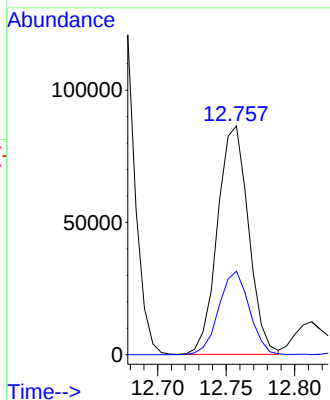
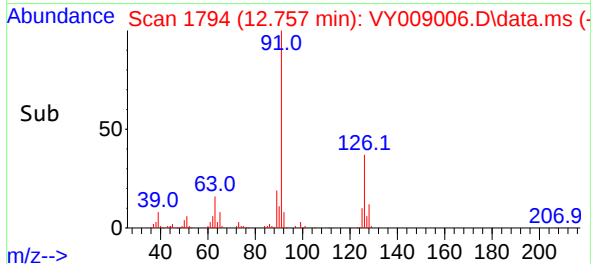
Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-0006-01MS



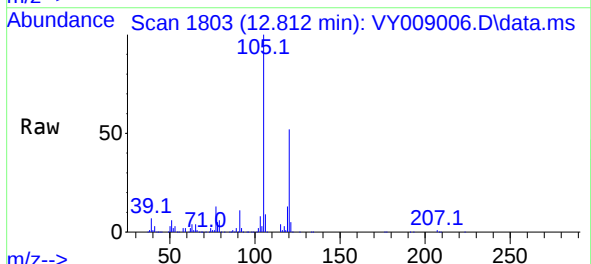
Tgt Ion: 91 Resp: 136200
Ion Ratio Lower Upper
91 100
126 35.9 16.9 50.6

Manual Integrations
APPROVED

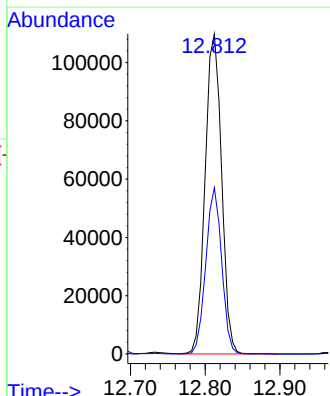
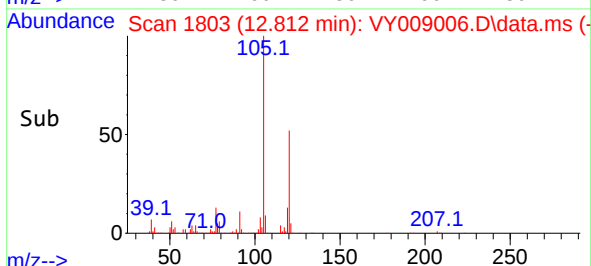
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

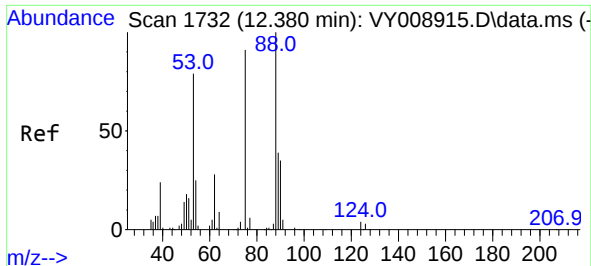


#80
1,3,5-Trimethylbenzene
Concen: 55.862 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.001 min
Lab File: VY009006.D
Acq: 23 May 2022 15:07



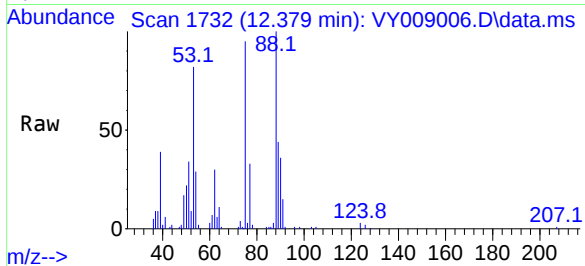
Tgt Ion:105 Resp: 168050
Ion Ratio Lower Upper
105 100
120 50.1 24.4 73.4





#81
trans-1,4-Dichloro-2-butene
Concen: 85.930 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.001 min
Lab File: VY009006.D
Acq: 23 May 2022 15:07

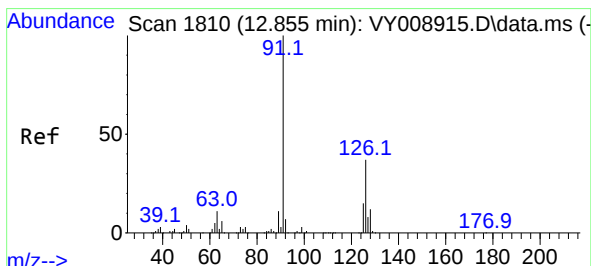
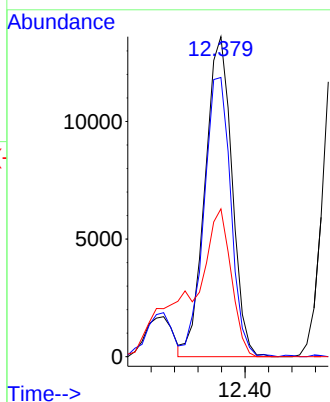
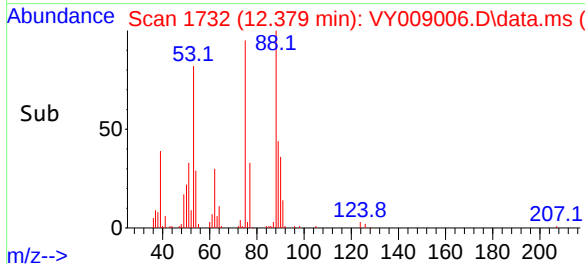
Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-0006-01MS



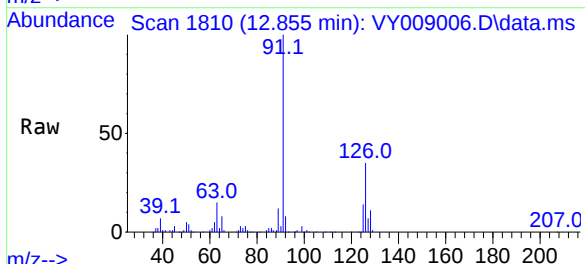
Tgt Ion: 75 Resp: 21580
Ion Ratio Lower Upper
75 100
53 87.4 85.3 127.9
89 72.6 37.0 55.4

Manual Integrations
APPROVED

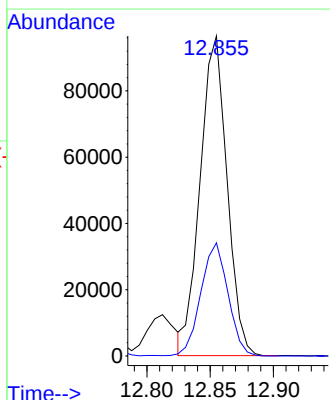
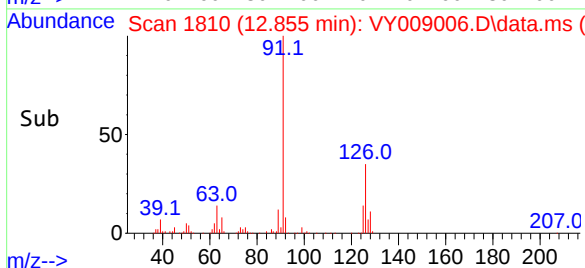
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

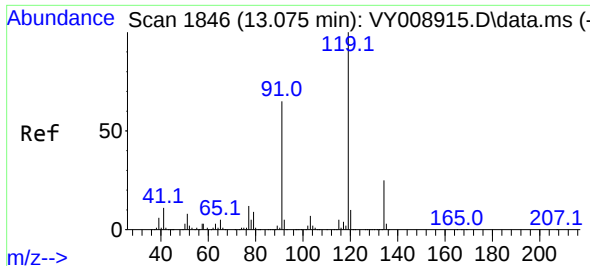


#82
4-Chlorotoluene
Concen: 55.790 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY009006.D
Acq: 23 May 2022 15:07



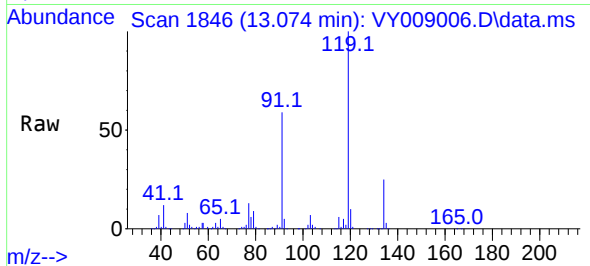
Tgt Ion: 91 Resp: 142727
Ion Ratio Lower Upper
91 100
126 35.7 17.0 51.0





#83
tert-Butylbenzene
Concen: 55.020 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.001 min
Lab File: VY009006.D
Acq: 23 May 2022 15:07

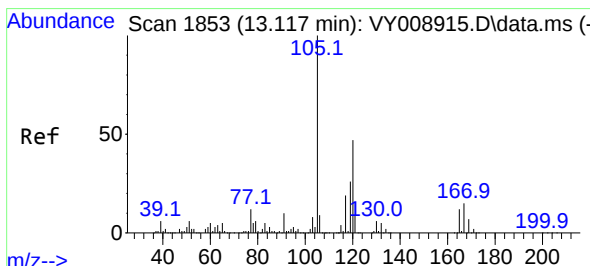
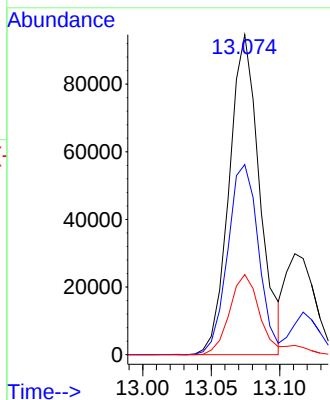
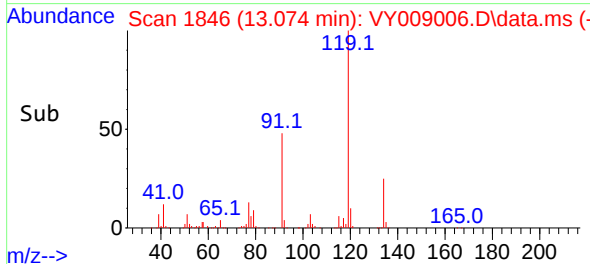
Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-0006-01MS



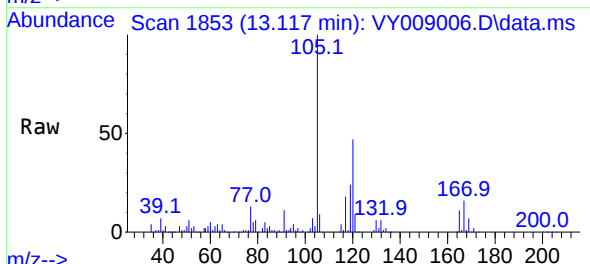
Tgt Ion:119 Resp: 146849
Ion Ratio Lower Upper
119 100
91 60.1 34.8 104.4
134 26.6 13.3 39.9

Manual Integrations
APPROVED

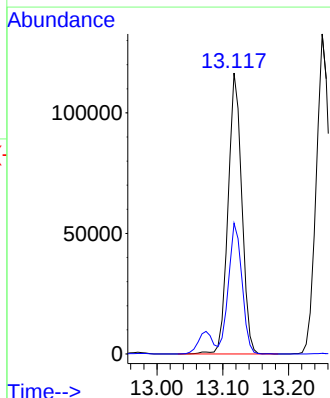
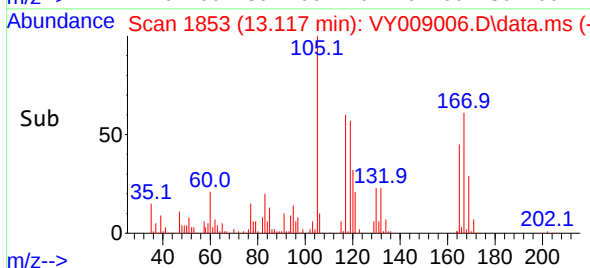
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

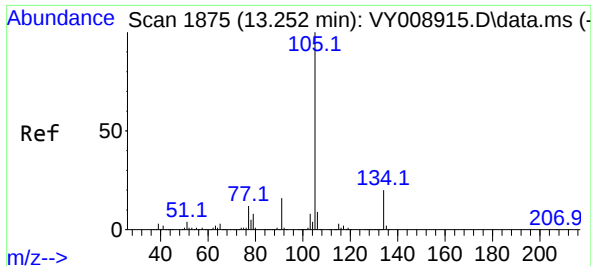


#84
1,2,4-Trimethylbenzene
Concen: 56.616 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY009006.D
Acq: 23 May 2022 15:07



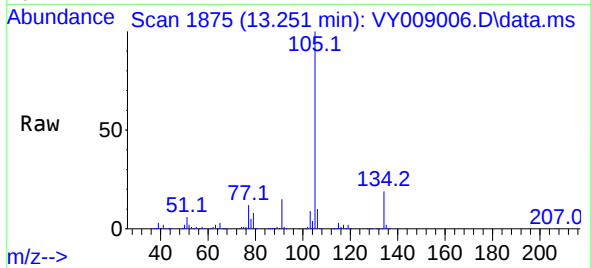
Tgt Ion:105 Resp: 169074
Ion Ratio Lower Upper
105 100
120 45.7 22.3 66.9





#85
 sec-Butylbenzene
 Concen: 46.536 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.001 min
 Lab File: VY009006.D
 Acq: 23 May 2022 15:07

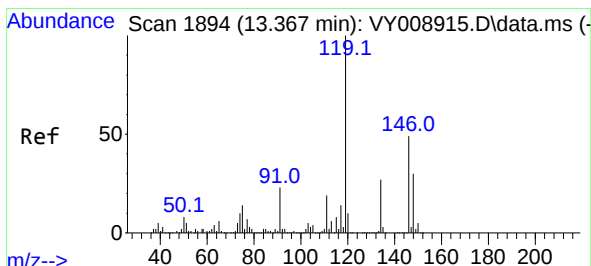
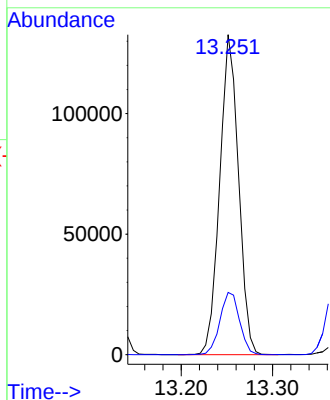
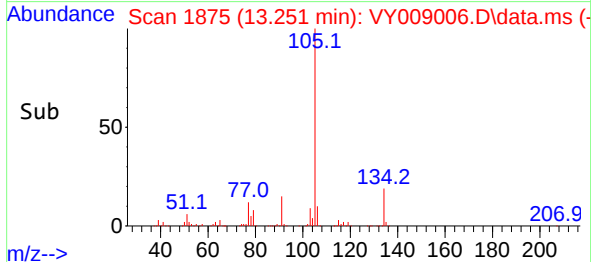
Instrument :
 MSVOA_Y
 ClientSampleId :
 P038-SS001-0006-01MS



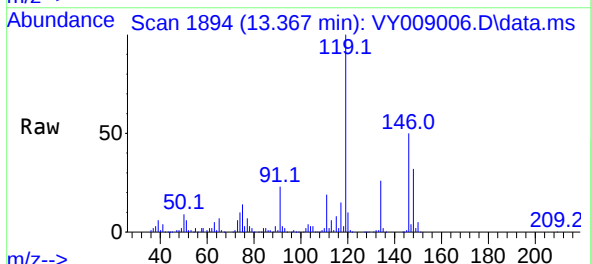
Tgt Ion:105 Resp: 19002
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.2 30.4

Manual Integrations
 APPROVED

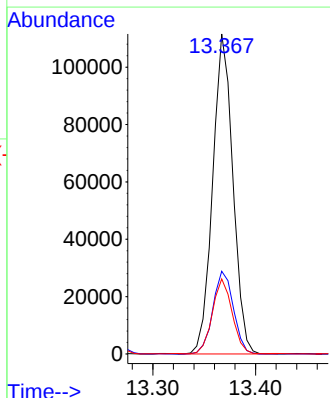
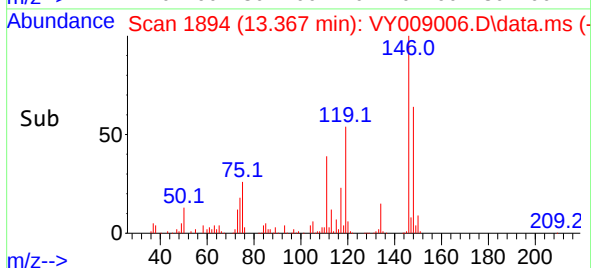
Reviewed By :John Carlone 05/24/2022
 Supervised By :Mahesh Dadoda 05/24/2022

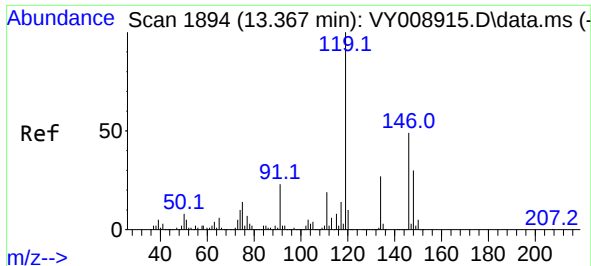


#86
 p-Isopropyltoluene
 Concen: 44.746 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY009006.D
 Acq: 23 May 2022 15:07



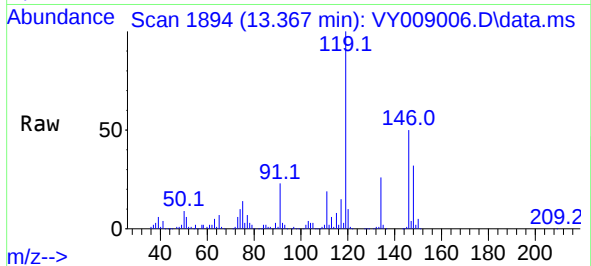
Tgt Ion:119 Resp: 152372
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.2 39.5
 91 23.0 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 47.655 ug/l
RT: 13.367 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009006.D
Acq: 23 May 2022 15:07

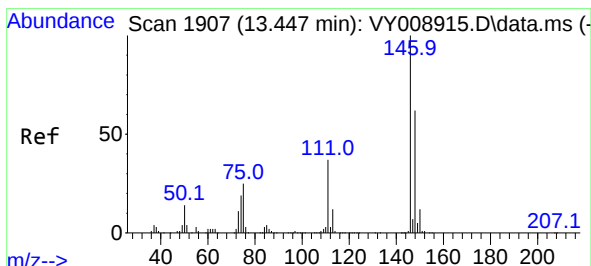
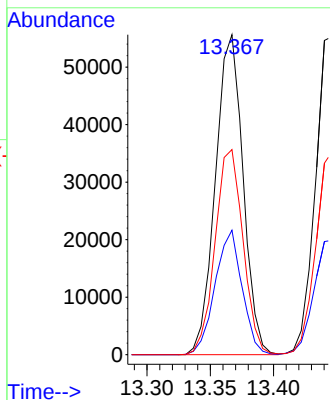
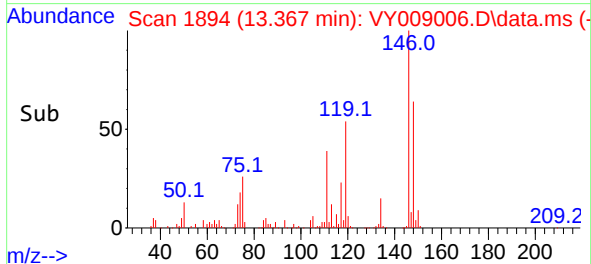
Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-0006-01MS



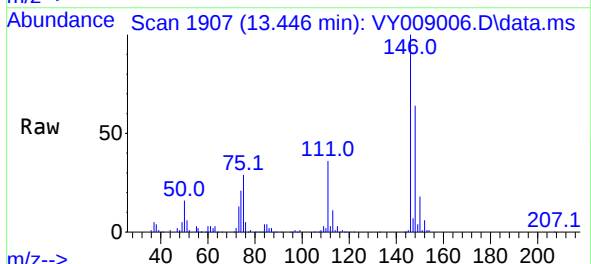
Tgt Ion:146 Resp: 84570
Ion Ratio Lower Upper
146 100
111 38.0 19.5 58.5
148 64.8 31.6 95.0

Manual Integrations
APPROVED

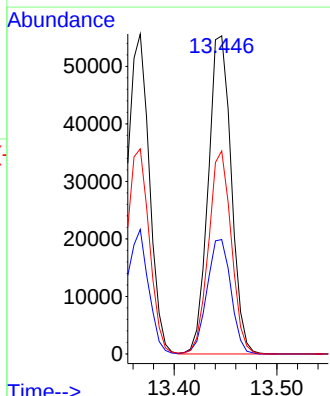
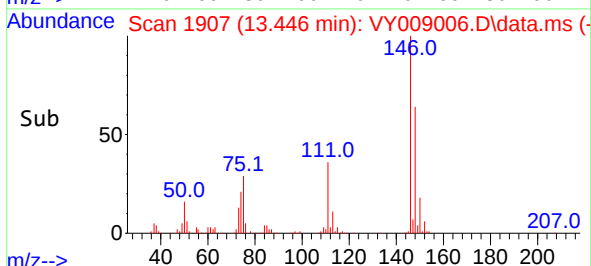
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

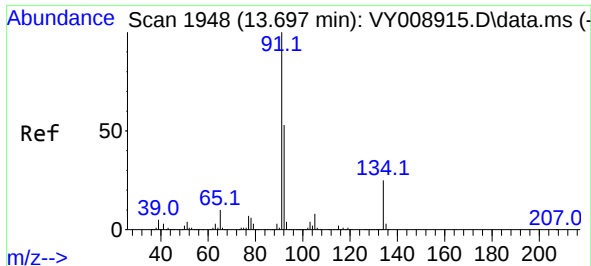


#88
1,4-Dichlorobenzene
Concen: 48.336 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.001 min
Lab File: VY009006.D
Acq: 23 May 2022 15:07



Tgt Ion:146 Resp: 86185
Ion Ratio Lower Upper
146 100
111 37.4 19.3 57.8
148 63.0 32.6 97.8





#89

n-Butylbenzene

Concen: 34.260 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.001 min

Lab File: VY009006.D

Acq: 23 May 2022 15:07

Instrument :

MSVOA_Y

ClientSampleId :

P038-SS001-0006-01MS

Tgt Ion: 91 Resp: 10673

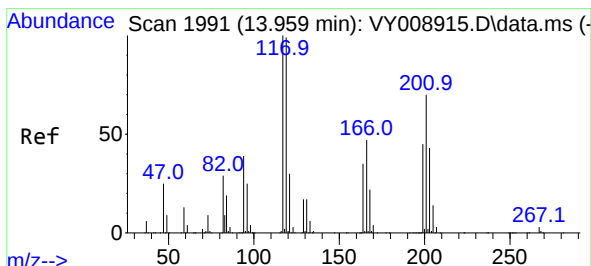
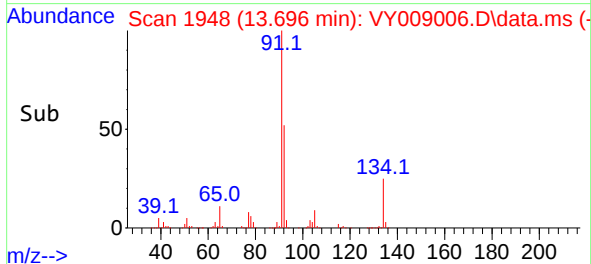
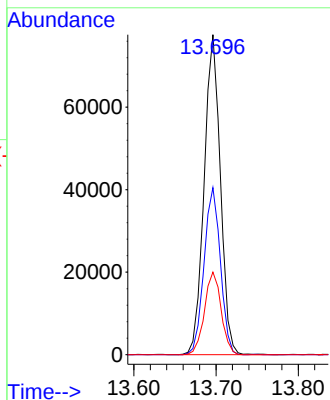
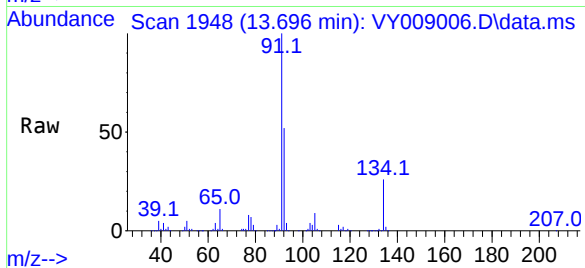
Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.3	78.9
134	26.4	13.0	38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/24/2022

Supervised By :Mahesh Dadoda 05/24/2022



#90

Hexachloroethane

Concen: 48.350 ug/l

RT: 13.958 min Scan# 1991

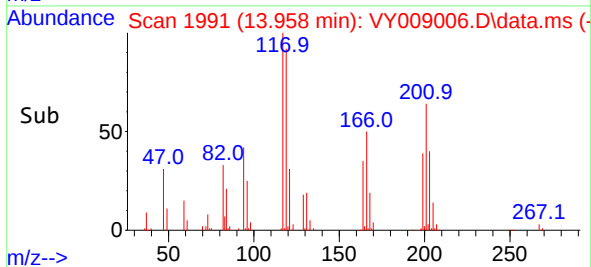
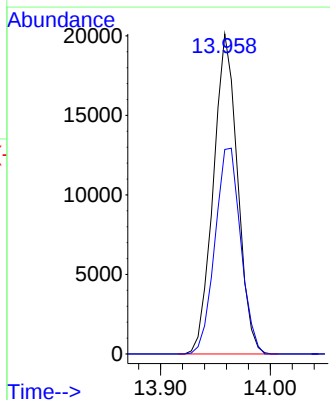
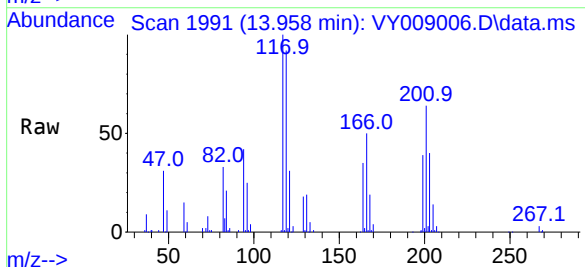
Delta R.T. -0.001 min

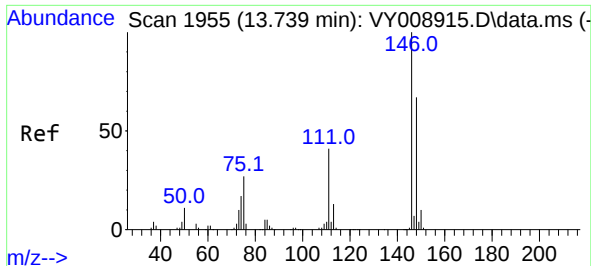
Lab File: VY009006.D

Acq: 23 May 2022 15:07

Tgt Ion:117 Resp: 30854

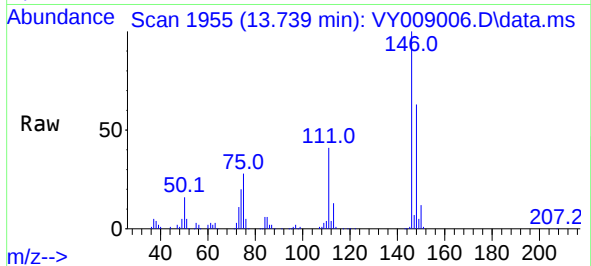
Ion	Ratio	Lower	Upper
117	100		
201	68.5	43.0	128.8





#91
1,2-Dichlorobenzene
Concen: 48.850 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY009006.D
Acq: 23 May 2022 15:07

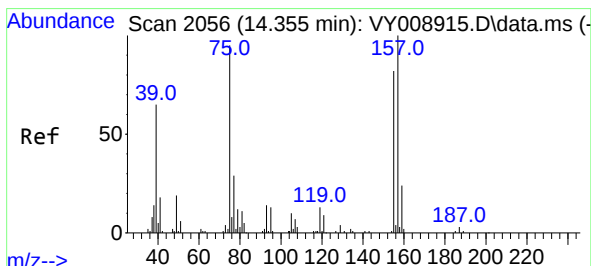
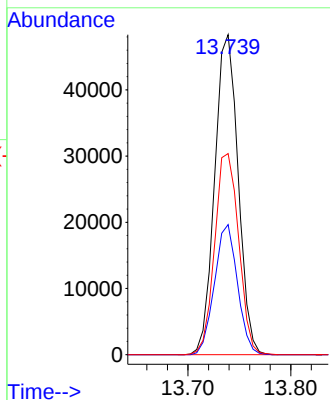
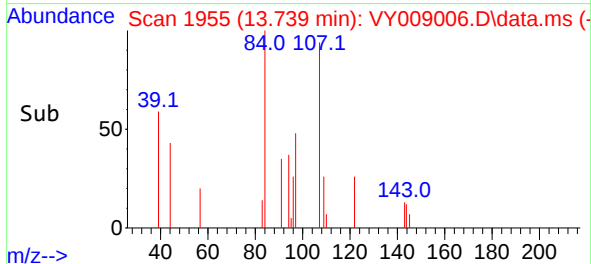
Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-0006-01MS



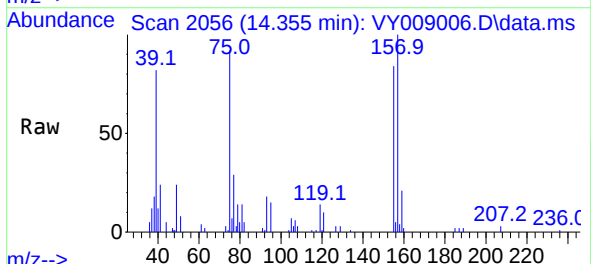
Tgt Ion:146 Resp: 76530
Ion Ratio Lower Upper
146 100
111 40.0 20.3 60.9
148 64.5 32.3 96.9

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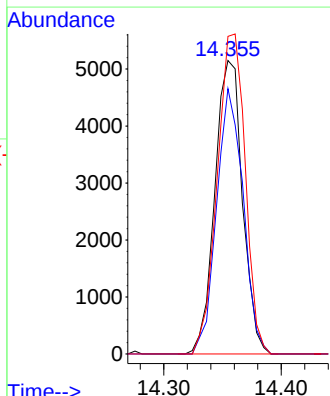
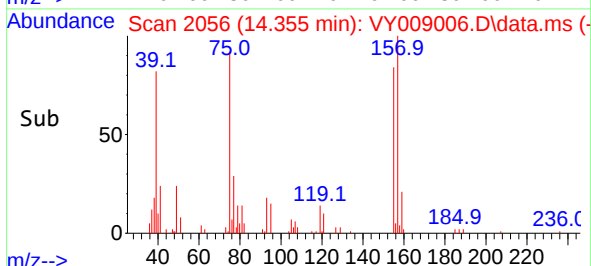
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

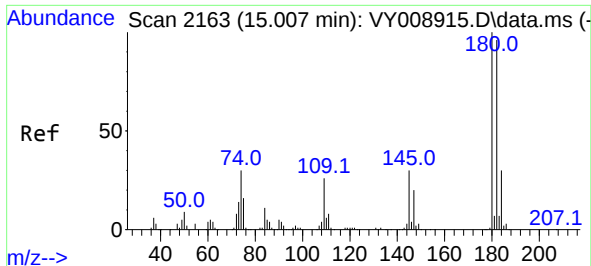


#92
1,2-Dibromo-3-Chloropropane
Concen: 73.390 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY009006.D
Acq: 23 May 2022 15:07



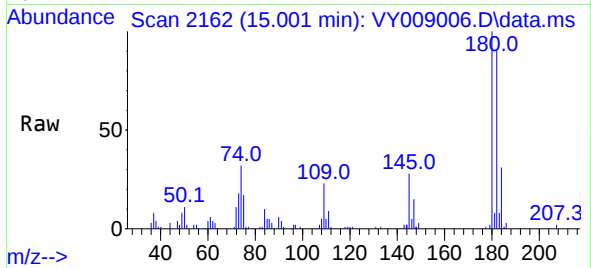
Tgt Ion: 75 Resp: 8424
Ion Ratio Lower Upper
75 100
155 86.8 38.0 113.9
157 110.4 47.8 143.3





#93
1,2,4-Trichlorobenzene
Concen: 22.718 ug/l
RT: 15.001 min Scan# 2162
Delta R.T. -0.006 min
Lab File: VY009006.D
Acq: 23 May 2022 15:07

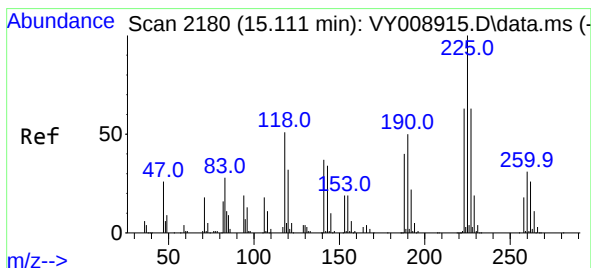
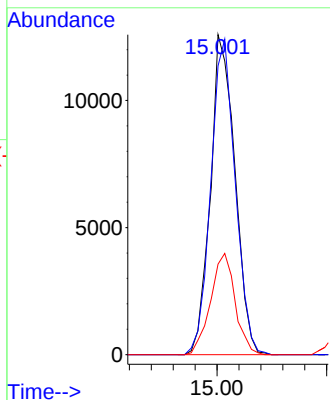
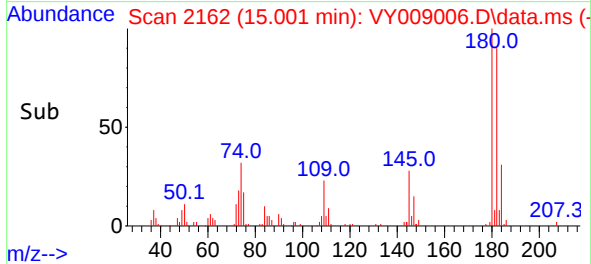
Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-0006-01MS



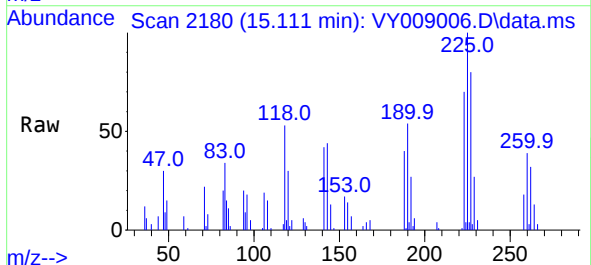
Tgt Ion:180 Resp: 1953
Ion Ratio Lower Upper
180 100
182 98.6 47.3 141.9
145 31.8 14.6 43.8

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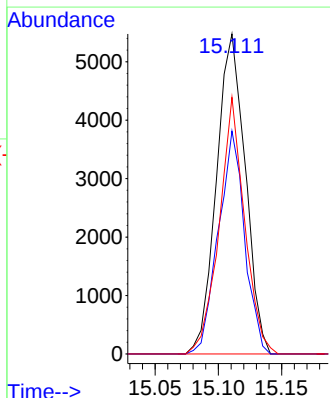
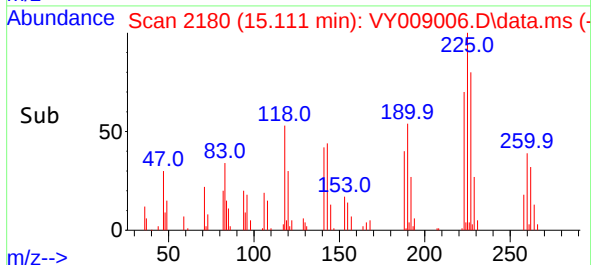
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

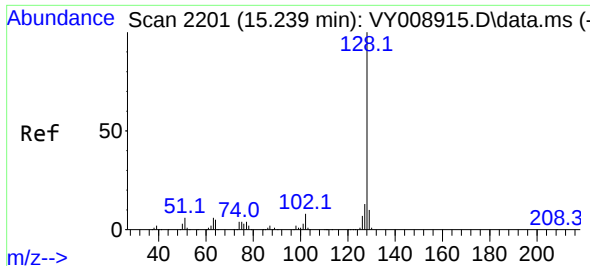


#94
Hexachlorobutadiene
Concen: 18.504 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY009006.D
Acq: 23 May 2022 15:07



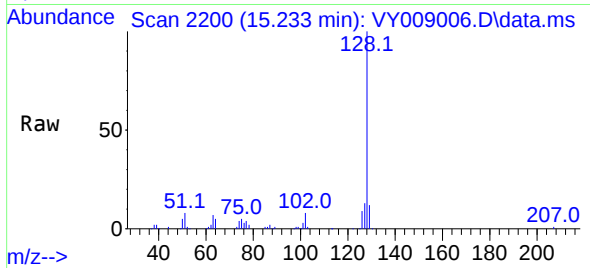
Tgt Ion:225 Resp: 8671
Ion Ratio Lower Upper
225 100
223 63.3 30.8 92.3
227 70.8 31.6 94.7





#95
Naphthalene
Concen: 39.081 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY009006.D
Acq: 23 May 2022 15:07

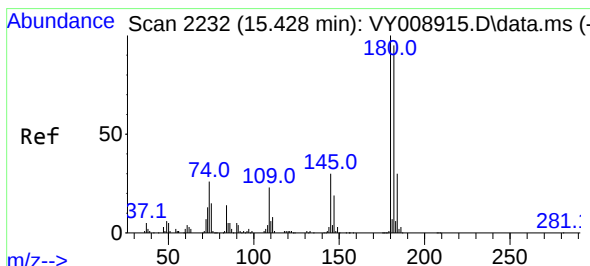
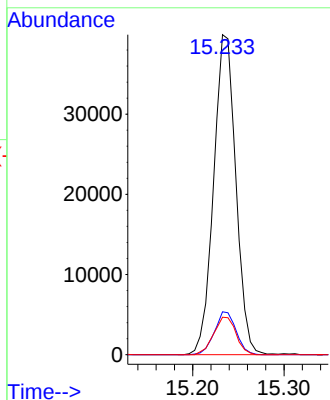
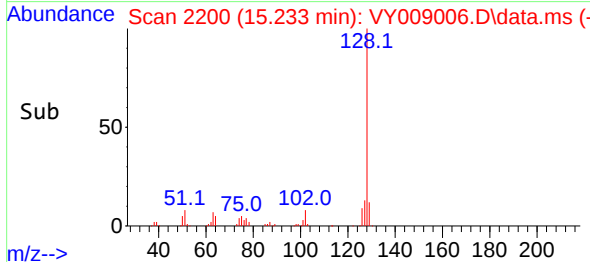
Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-0006-01MS



Tgt Ion:128 Resp: 67502
Ion Ratio Lower Upper
128 100
127 13.1 11.0 16.4
129 11.8 8.4 12.6

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 22.663 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.006 min
Lab File: VY009006.D
Acq: 23 May 2022 15:07

Tgt Ion:180 Resp: 16933
Ion Ratio Lower Upper
180 100
182 97.8 47.3 141.9
145 29.4 15.3 45.9

