

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021422\
 Data File : VY007489.D
 Acq On : 14 Feb 2022 10:48
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/15/2022
 Supervised By : Mahesh Dadoda 02/21/2022

Quant Time: Feb 15 03:44:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 15 03:43:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	140818	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	230205	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	198745	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	90221	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	8461	5.479	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	10.960%#
35) Dibromofluoromethane	7.722	113	7454	5.135	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	10.280%#
50) Toluene-d8	10.185	98	29586	5.362	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	10.720%#
62) 4-Bromofluorobenzene	12.483	95	10196	5.417	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	10.840%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	8037	5.119	ug/l	95
3) Chloromethane	2.119	50	9483	6.162	ug/l	90
4) Vinyl Chloride	2.259	62	8776	5.689	ug/l	91
5) Bromomethane	2.662	94	7612	6.920	ug/l	100
6) Chloroethane	2.808	64	5483	5.890	ug/l	91
7) Trichlorofluoromethane	3.143	101	15110	5.086	ug/l	93
8) Diethyl Ether	3.534	74	4318	5.069	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.912	101	7977	4.864	ug/l	97
10) Methyl Iodide	4.107	142	10792	5.514	ug/l	95
11) Tert butyl alcohol	4.966	59	3061	25.088	ug/l #	87
12) 1,1-Dichloroethene	3.887	96	7713	5.074	ug/l	82
13) Acrolein	3.747	56	3646	30.431	ug/l	94
14) Allyl chloride	4.485	41	10971	5.143	ug/l #	91
15) Acrylonitrile	5.174	53	9129	24.501	ug/l	98
16) Acetone	3.954	43	9475	23.123	ug/l	94
17) Carbon Disulfide	4.210	76	22785	5.222	ug/l	99
18) Methyl Acetate	4.491	43	5342	6.122	ug/l #	90
19) Methyl tert-butyl Ether	5.234	73	20855	4.956	ug/l	95
20) Methylene Chloride	4.728	84	9241	5.438	ug/l #	82
21) trans-1,2-Dichloroethene	5.234	96	8733	5.276	ug/l	86
22) Diisopropyl ether	6.131	45	22916	5.173	ug/l #	91
23) Vinyl Acetate	6.070	43	67547	23.862	ug/l #	92
24) 1,1-Dichloroethane	6.027	63	14132	5.089	ug/l #	95
25) 2-Butanone	6.990	43	12063	23.934	ug/l #	87
26) 2,2-Dichloropropane	6.990	77	14590	5.201	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	9599	5.205	ug/l	86
28) Bromochloromethane	7.344	49	5568	5.236	ug/l #	78
29) Tetrahydrofuran	7.356	42	7366	25.142	ug/l #	81
30) Chloroform	7.515	83	15520	5.148	ug/l	97
31) Cyclohexane	7.795	56	15904	5.856	ug/l #	64
32) 1,1,1-Trichloroethane	7.710	97	14526	5.019	ug/l	96
36) 1,1-Dichloropropene	7.929	75	11721	5.016	ug/l	97
37) Ethyl Acetate	7.082	43	4811	4.600	ug/l #	90
38) Carbon Tetrachloride	7.911	117	13493	5.049	ug/l	96
39) Methylcyclohexane	9.191	83	15748	5.212	ug/l	89
40) Benzene	8.167	78	32516	5.074	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	2992	3.785	ug/l #	63
42) 1,2-Dichloroethane	8.246	62	9881	5.013	ug/l	92
43) Isopropyl Acetate	8.277	43	10538	4.959	ug/l #	91
44) Trichloroethene	8.947	130	9353	5.102	ug/l	85
45) 1,2-Dichloropropane	9.222	63	7468	4.929	ug/l	99
46) Dibromomethane	9.313	93	4756	5.040	ug/l	94
47) Bromodichloromethane	9.502	83	11167	4.865	ug/l	100
48) Methyl methacrylate	9.295	41	4477	4.778	ug/l #	81
49) 1,4-Dioxane	9.313	88	1020	99.660	ug/l #	54
51) 4-Methyl-2-Pentanone	10.075	43	25199	23.926	ug/l	92
52) Toluene	10.252	92	20870	5.053	ug/l	98
53) t-1,3-Dichloropropene	10.471	75	11633	4.846	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	13079	4.879	ug/l	92
55) 1,1,2-Trichloroethane	10.654	97	6327	4.989	ug/l	94
56) Ethyl methacrylate	10.514	69	7929	4.702	ug/l #	81
57) 1,3-Dichloropropane	10.794	76	10526	4.882	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.789	63	21280	24.137	ug/l	94
59) 2-Hexanone	10.837	43	17869	23.500	ug/l	92
60) Dibromochloromethane	10.990	129	7770	4.871	ug/l	100
61) 1,2-Dibromoethane	11.093	107	6411	5.122	ug/l	95
64) Tetrachloroethene	10.727	164	8231	5.261	ug/l	96
65) Chlorobenzene	11.520	112	22172	5.120	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.599	131	8267	5.033	ug/l	97
67) Ethyl Benzene	11.599	91	40710	5.032	ug/l	99
68) m/p-Xylenes	11.709	106	31547	10.290	ug/l	98
69) o-Xylene	12.032	106	14998	5.142	ug/l	93
70) Styrene	12.050	104	23588	4.939	ug/l	97
71) Bromoform	12.215	173	4307	4.750	ug/l #	98
73) Isopropylbenzene	12.337	105	40232	5.052	ug/l	99
74) N-amyl acetate	12.148	43	7974	4.479	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.587	83	6769	4.980	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	5998m	5.050	ug/l	
77) Bromobenzene	12.611	156	8795	5.132	ug/l	94
78) n-propylbenzene	12.678	91	48540	5.075	ug/l	99
79) 2-Chlorotoluene	12.764	91	26950	5.105	ug/l	97
80) 1,3,5-Trimethylbenzene	12.818	105	33939	5.146	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.386	75	2336	4.664	ug/l	86
82) 4-Chlorotoluene	12.861	91	27582	5.084	ug/l	99
83) tert-Butylbenzene	13.081	119	29387	5.094	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	32122	5.038	ug/l	100
85) sec-Butylbenzene	13.257	105	43110	5.078	ug/l	99
86) p-Isopropyltoluene	13.373	119	34887	4.983	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	16677	5.001	ug/l	96
88) 1,4-Dichlorobenzene	13.453	146	17099	5.169	ug/l	95
89) n-Butylbenzene	13.702	91	33806	5.069	ug/l	99
90) Hexachloroethane	13.965	117	6830	5.109	ug/l	77
91) 1,2-Dichlorobenzene	13.745	146	15233	5.183	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.361	75	1288	5.567	ug/l	92
93) 1,2,4-Trichlorobenzene	15.013	180	8656	4.888	ug/l	95
94) Hexachlorobutadiene	15.117	225	5321	5.172	ug/l	100
95) Naphthalene	15.239	128	20231	5.264	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	7624	4.986	ug/l	96

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ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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Quant Title : SW846 8260
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Response via : Initial Calibration

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

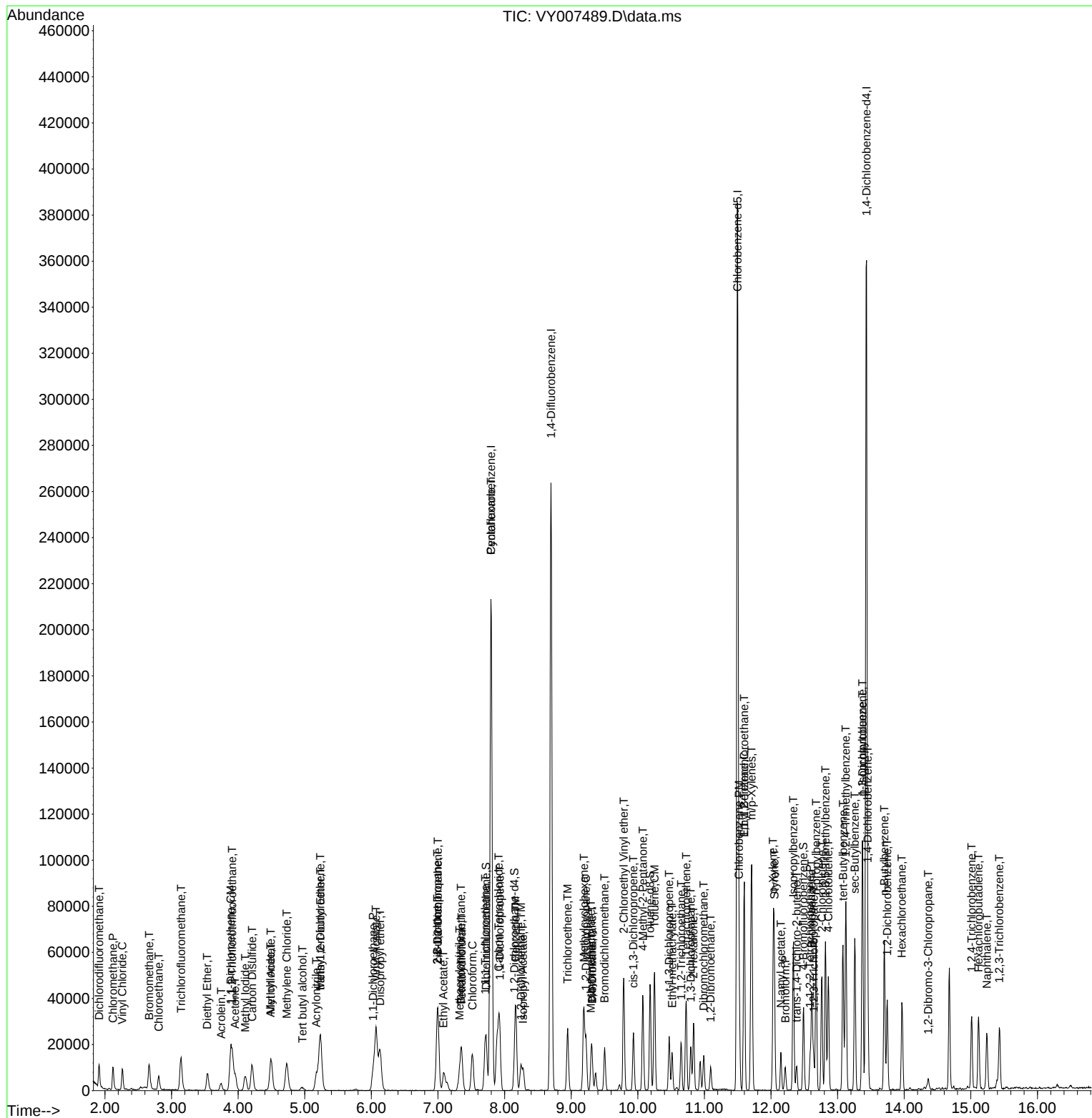
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Data File : VY007489.D
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Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

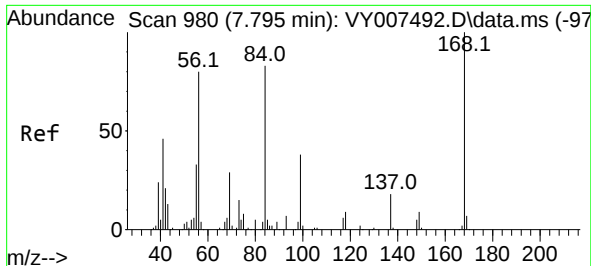
Instrument :
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ClientSampleId :
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Manual Integrations
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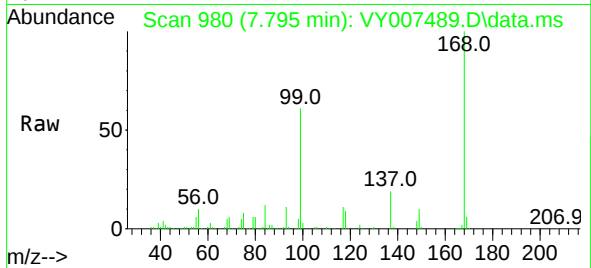
Quant Time: Feb 15 03:44:31 2022
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Quant Title : SW846 8260
QLast Update : Tue Feb 15 03:43:03 2022
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY007489.D
Acq: 14 Feb 2022 10:48

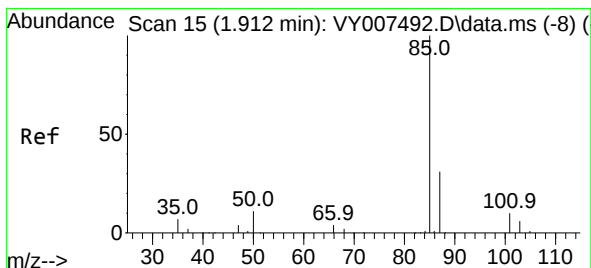
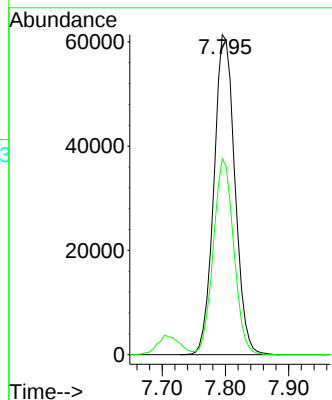
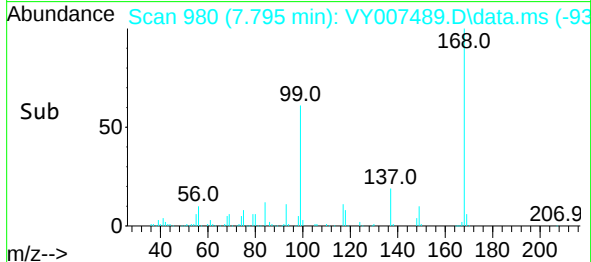
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion:168 Resp: 140818
Ion Ratio Lower Upper
168 100
99 61.2 46.9 70.3

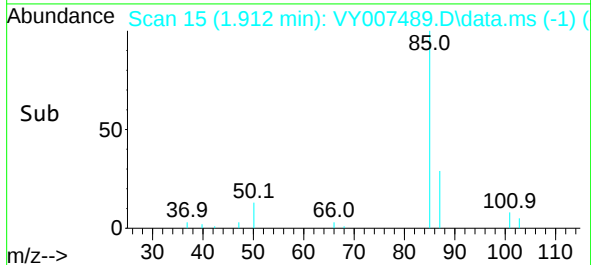
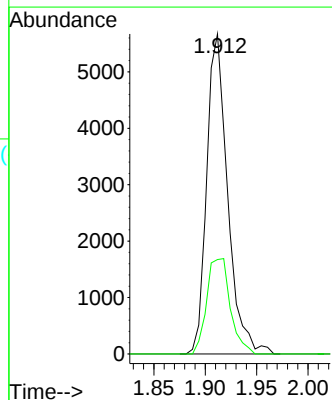
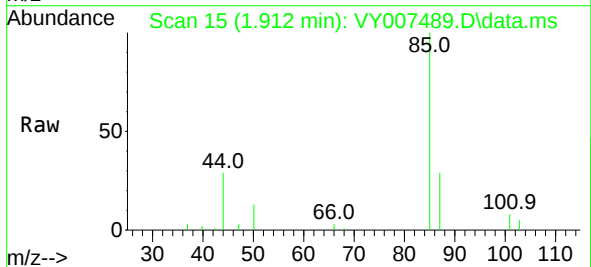
Manual Integrations
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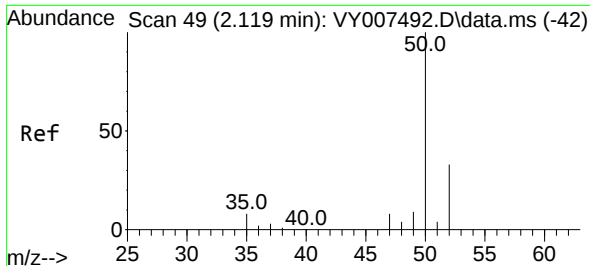
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022



#2
Dichlorodifluoromethane
Concen: 5.119 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY007489.D
Acq: 14 Feb 2022 10:48

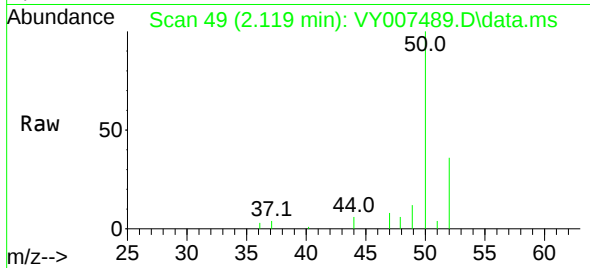
Tgt Ion: 85 Resp: 8037
Ion Ratio Lower Upper
85 100
87 29.5 16.1 48.2





#3
Chloromethane
Concen: 6.162 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY007489.D
Acq: 14 Feb 2022 10:48

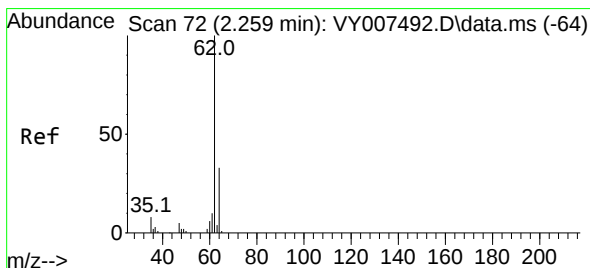
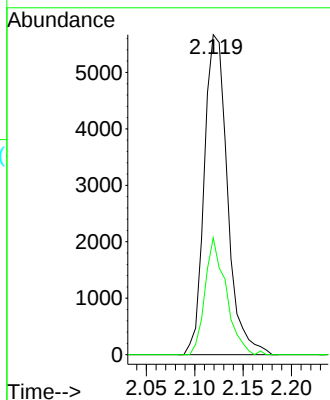
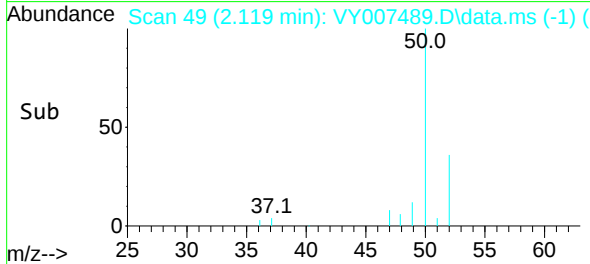
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



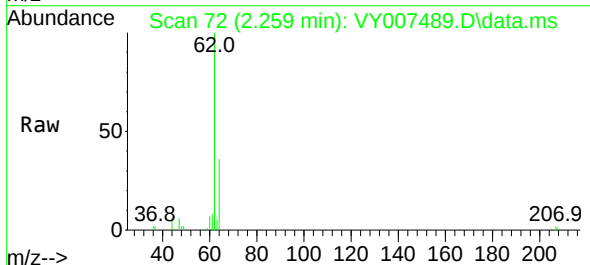
Tgt Ion: 50 Resp: 948
Ion Ratio Lower Upper
50 100
52 36.5 24.6 37.0

Manual Integrations
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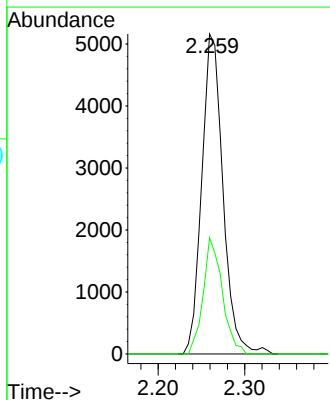
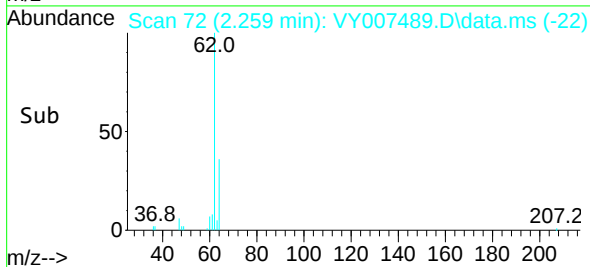
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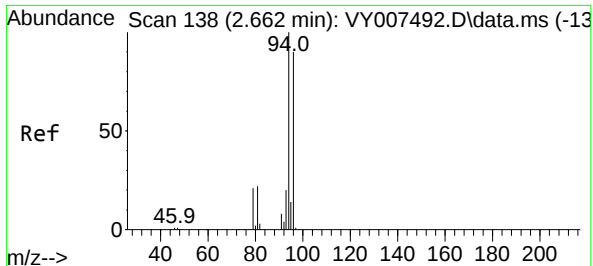


#4
Vinyl Chloride
Concen: 5.689 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.006 min
Lab File: VY007489.D
Acq: 14 Feb 2022 10:48



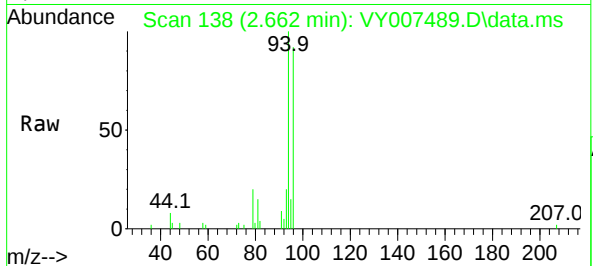
Tgt Ion: 62 Resp: 8776
Ion Ratio Lower Upper
62 100
64 36.3 25.0 37.6





#5
Bromomethane
Concen: 6.920 ug/l
RT: 2.662 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007489.D
Acq: 14 Feb 2022 10:48

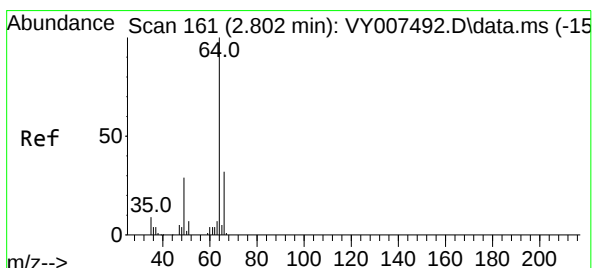
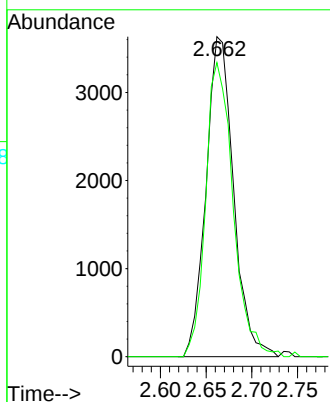
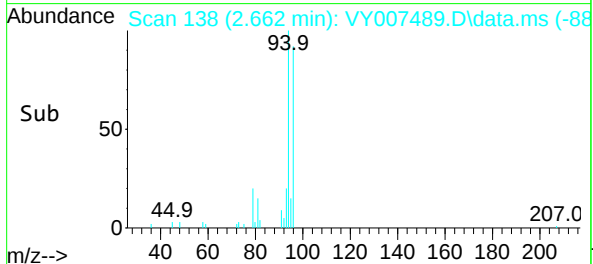
Instrument :
MSVOA_Y
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Tgt Ion: 94 Resp: 761
Ion Ratio Lower Upper
94 100
96 91.9 73.5 110.3

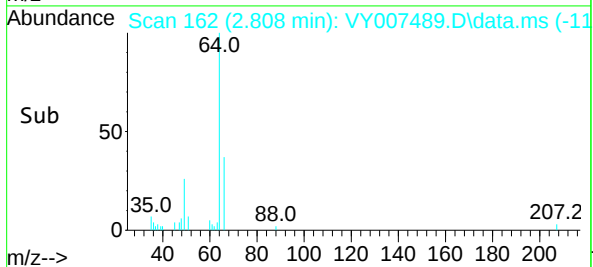
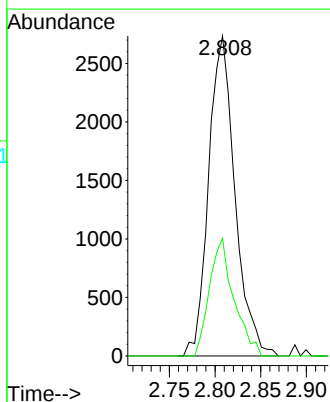
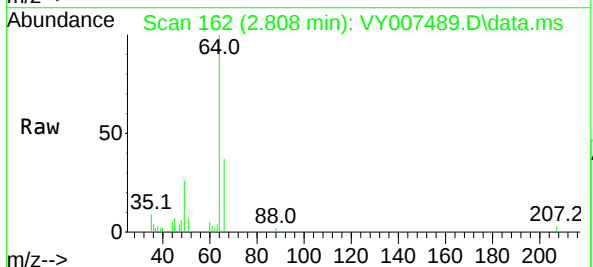
Manual Integrations
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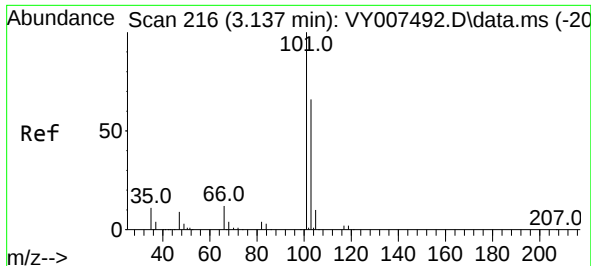
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022



#6
Chloroethane
Concen: 5.890 ug/l
RT: 2.808 min Scan# 162
Delta R.T. 0.006 min
Lab File: VY007489.D
Acq: 14 Feb 2022 10:48

Tgt Ion: 64 Resp: 5483
Ion Ratio Lower Upper
64 100
66 36.8 25.4 38.0





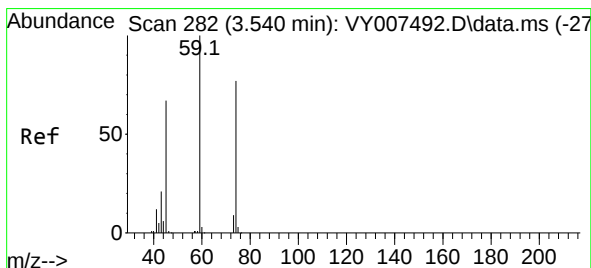
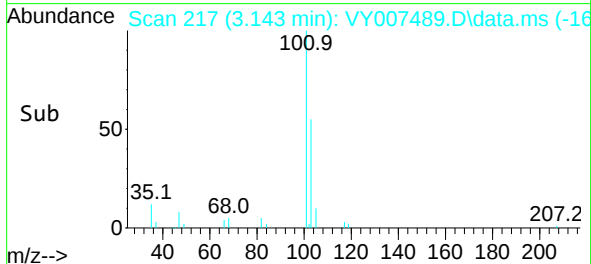
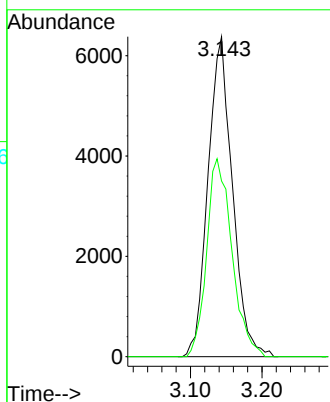
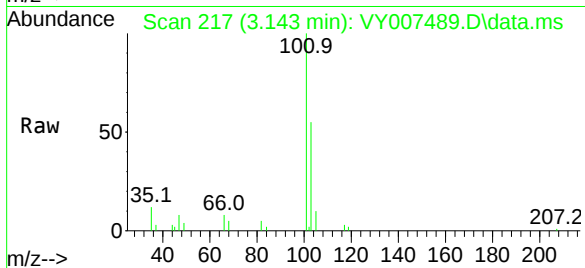
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Trichlorofluoromethane
Concen: 5.086 ug/l
RT: 3.143 min Scan# 216
Delta R.T. 0.012 min
Lab File: VY007489.D
Acq: 14 Feb 2022 10:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 15110
Ion Ratio Lower Upper
101 100
103 54.9 48.0 72.0

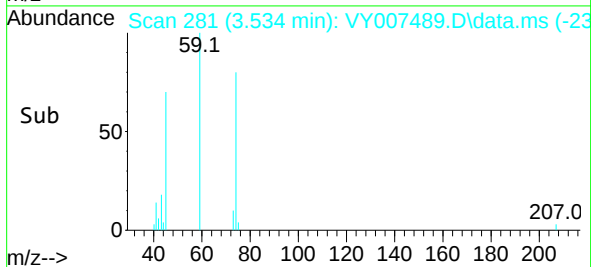
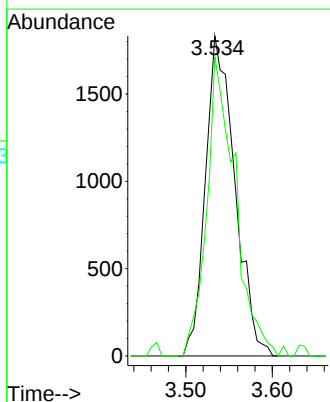
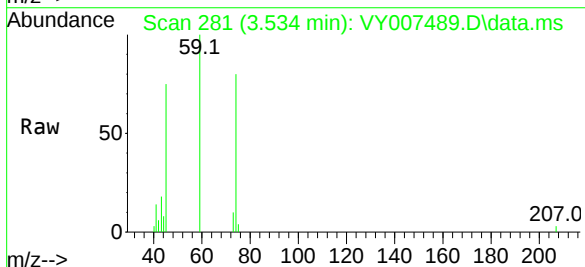
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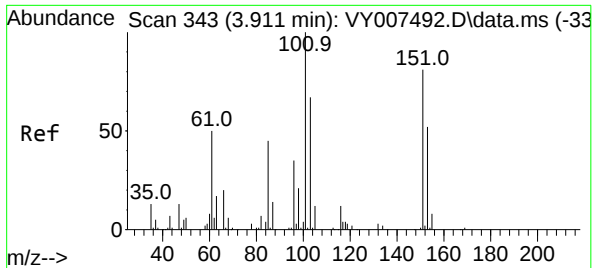
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022



#8
Diethyl Ether
Concen: 5.069 ug/l
RT: 3.534 min Scan# 281
Delta R.T. -0.000 min
Lab File: VY007489.D
Acq: 14 Feb 2022 10:48

Tgt Ion: 74 Resp: 4318
Ion Ratio Lower Upper
74 100
45 91.3 55.1 165.5





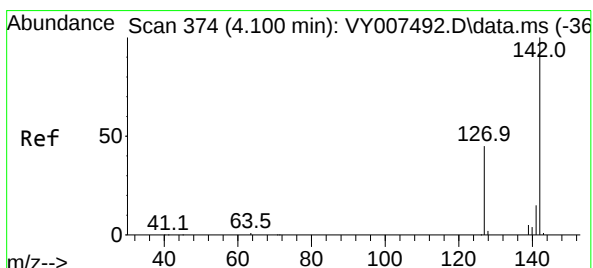
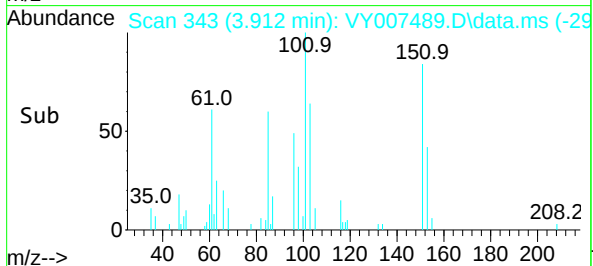
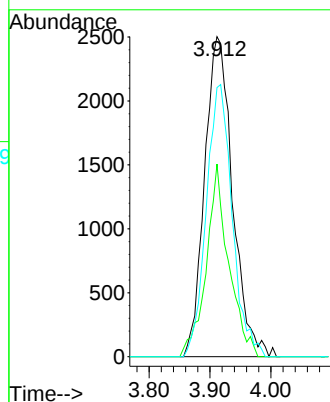
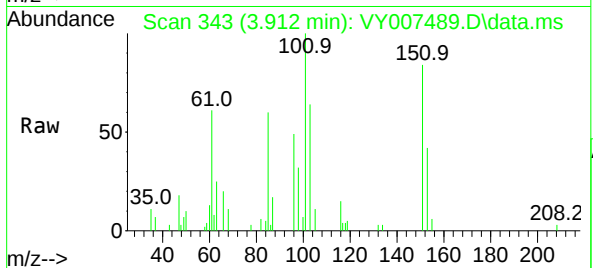
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.864 ug/l
RT: 3.912 min Scan# 343
Delta R.T. 0.006 min
Lab File: VY007489.D
Acq: 14 Feb 2022 10:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 797
Ion Ratio Lower Upper
101 100
85 48.3 40.6 60.8
151 78.9 64.9 97.3

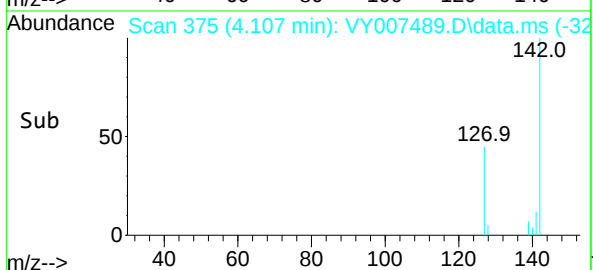
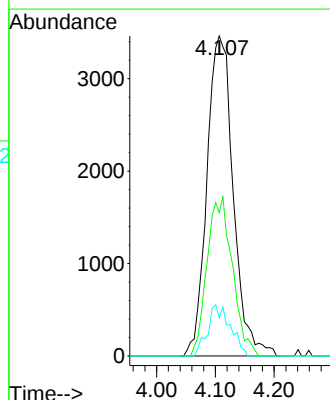
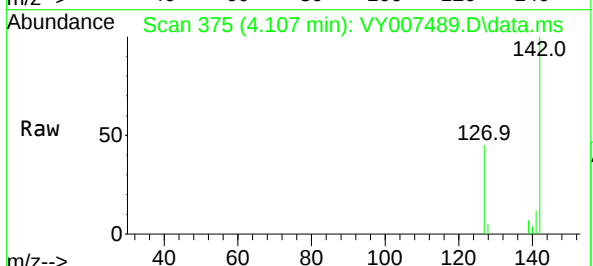
Manual Integrations
APPROVED

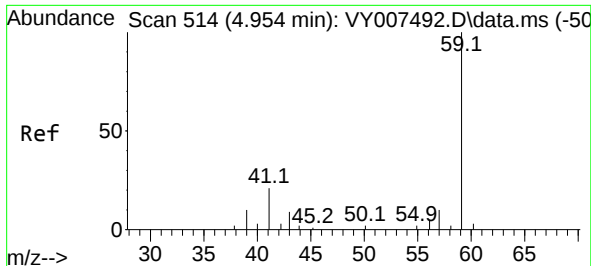
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022



#10
Methyl Iodide
Concen: 5.514 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.013 min
Lab File: VY007489.D
Acq: 14 Feb 2022 10:48

Tgt Ion:142 Resp: 10792
Ion Ratio Lower Upper
142 100
127 47.6 41.5 62.3
141 13.7 11.9 17.9





#11

Tert butyl alcohol

Concen: 25.088 ug/l

RT: 4.966 min Scan# 514

Delta R.T. 0.018 min

Lab File: VY007489.D

Acq: 14 Feb 2022 10:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 59 Resp: 306

Ion Ratio Lower Upper

59 100

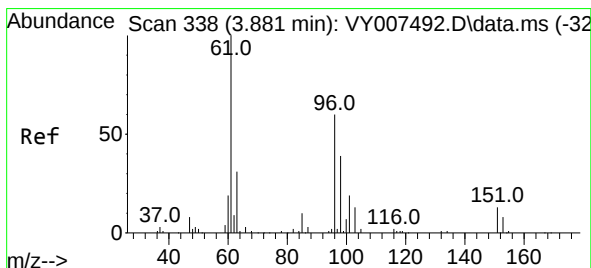
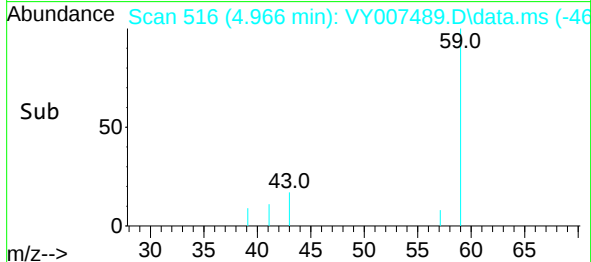
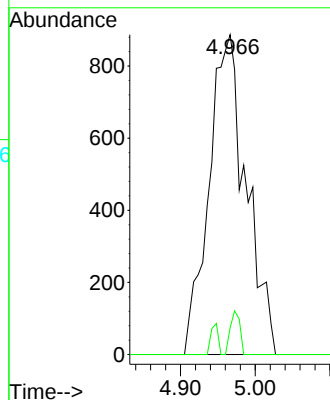
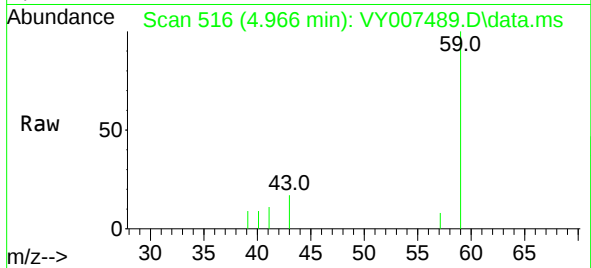
57 3.5 6.4 9.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/21/2022



#12

1,1-Dichloroethene

Concen: 5.074 ug/l

RT: 3.887 min Scan# 339

Delta R.T. 0.006 min

Lab File: VY007489.D

Acq: 14 Feb 2022 10:48

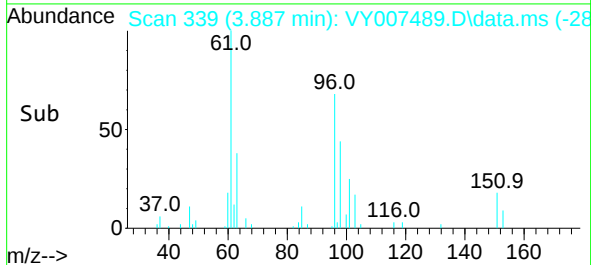
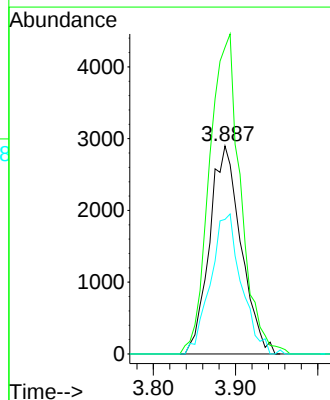
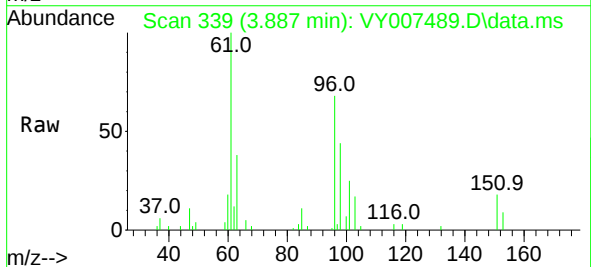
Tgt Ion: 96 Resp: 7713

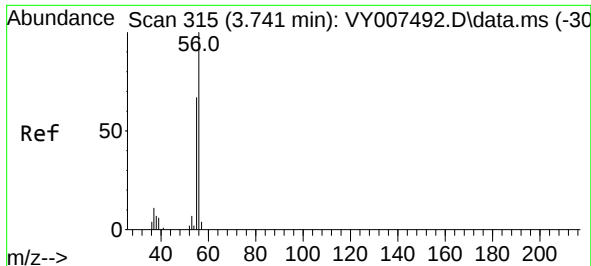
Ion Ratio Lower Upper

96 100

61 147.4 145.8 218.6

98 64.7 52.5 78.7





#13

Acrolein

Concen: 30.431 ug/l

RT: 3.747 min Scan# 315

Delta R.T. 0.012 min

Lab File: VY007489.D

Acq: 14 Feb 2022 10:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

Tgt Ion: 56 Resp: 3640

Ion Ratio Lower Upper

56 100

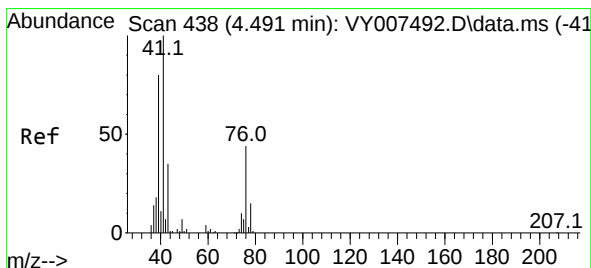
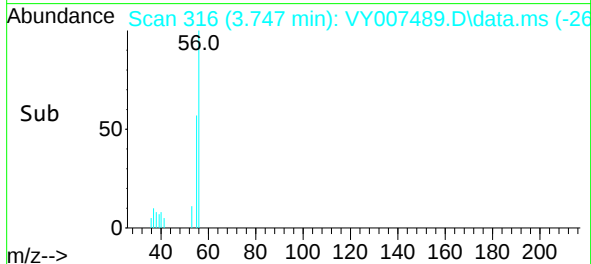
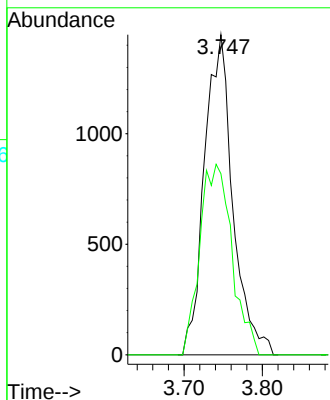
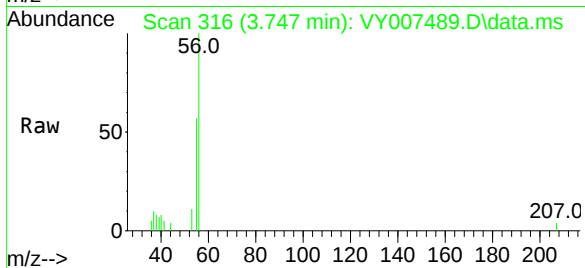
55 67.4 57.6 86.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/21/2022



#14

Allyl chloride

Concen: 5.143 ug/l

RT: 4.485 min Scan# 437

Delta R.T. -0.000 min

Lab File: VY007489.D

Acq: 14 Feb 2022 10:48

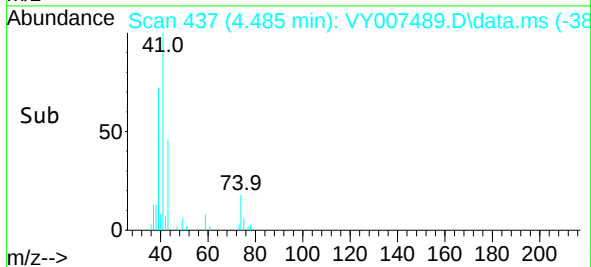
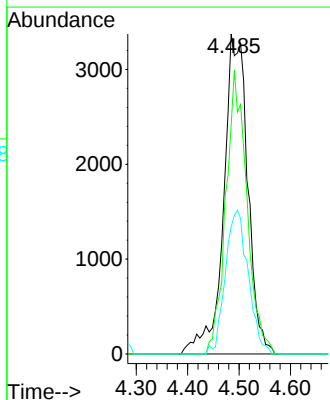
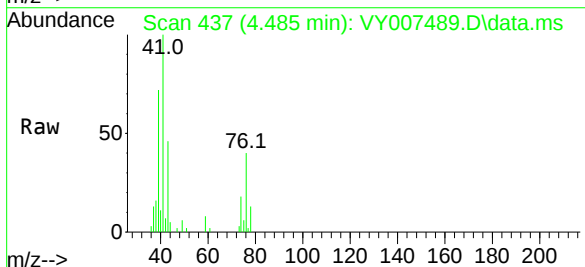
Tgt Ion: 41 Resp: 10971

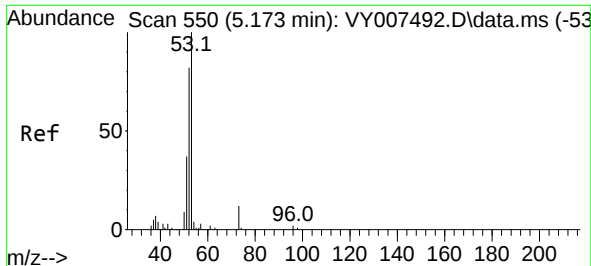
Ion Ratio Lower Upper

41 100

39 77.6 58.8 88.2

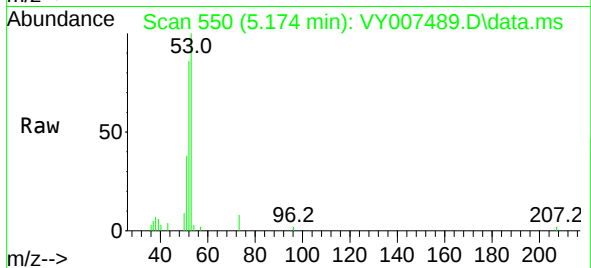
76 42.6 25.1 37.7#





#15
Acrylonitrile
Concen: 24.501 ug/l
RT: 5.174 min Scan# 512
Delta R.T. 0.007 min
Lab File: VY007489.D
Acq: 14 Feb 2022 10:48

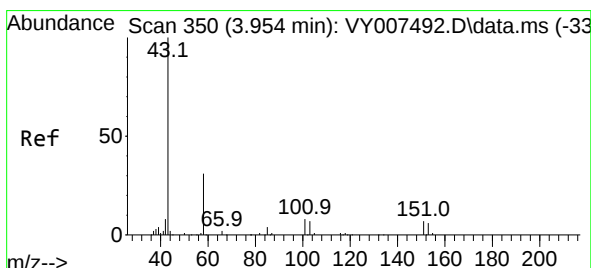
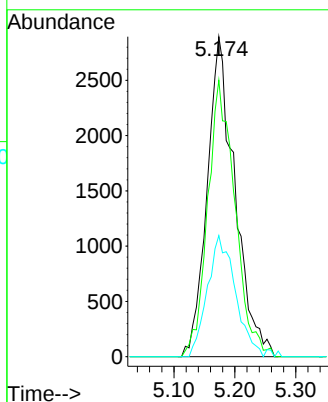
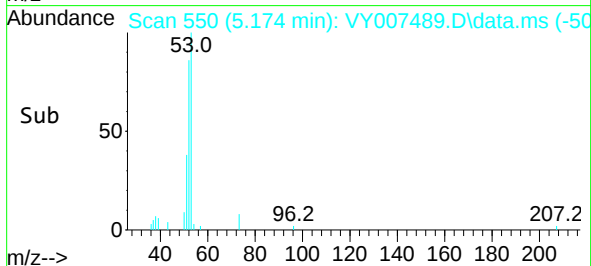
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



Tgt Ion: 53 Resp: 9129
Ion Ratio Lower Upper
53 100
52 85.3 67.0 100.4
51 38.1 29.8 44.6

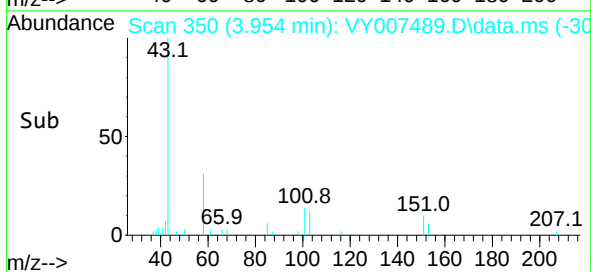
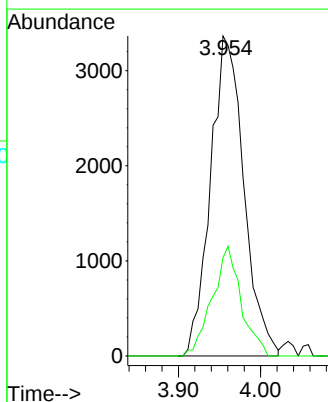
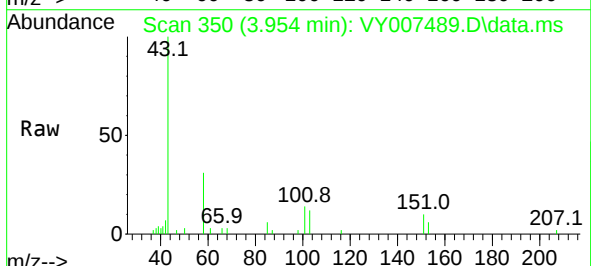
Manual Integrations
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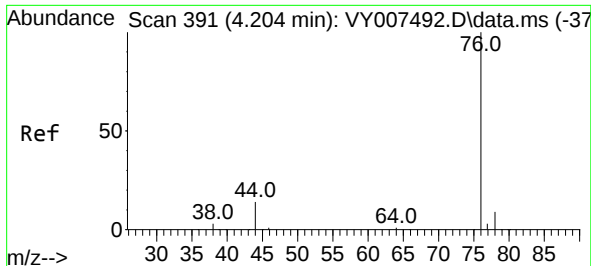
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022



#16
Acetone
Concen: 23.123 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY007489.D
Acq: 14 Feb 2022 10:48

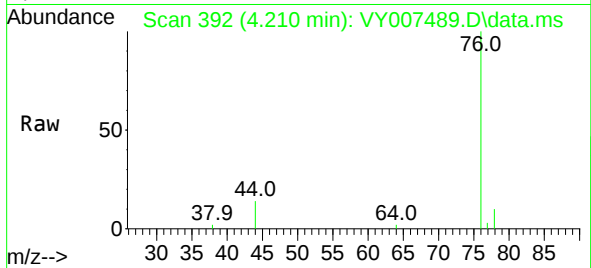
Tgt Ion: 43 Resp: 9475
Ion Ratio Lower Upper
43 100
58 30.7 22.0 33.0





#17
Carbon Disulfide
Concen: 5.222 ug/l
RT: 4.210 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY007489.D
Acq: 14 Feb 2022 10:48

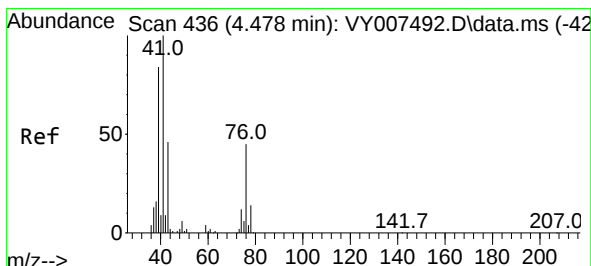
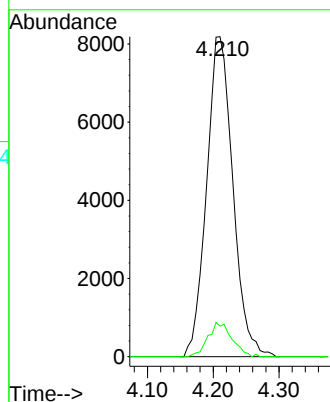
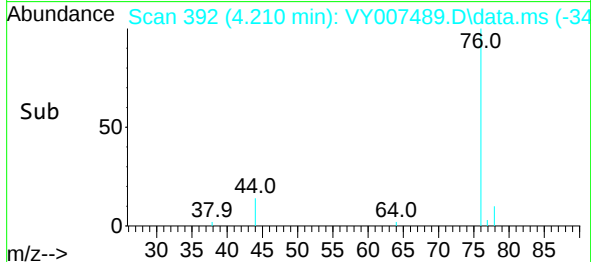
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



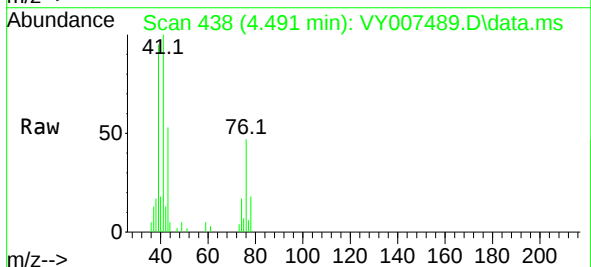
Tgt Ion: 76 Resp: 2278
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0

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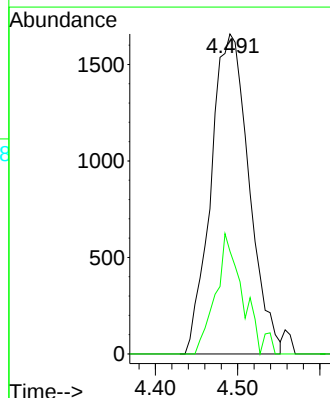
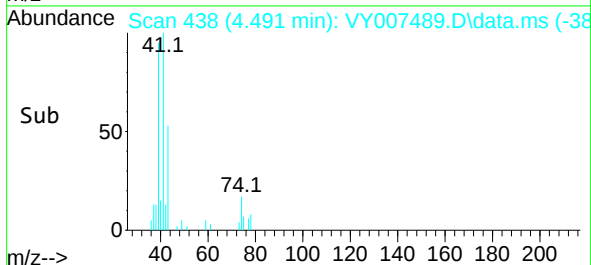
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022

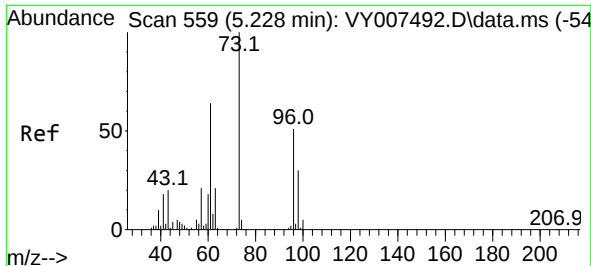


#18
Methyl Acetate
Concen: 6.122 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY007489.D
Acq: 14 Feb 2022 10:48



Tgt Ion: 43 Resp: 5342
Ion Ratio Lower Upper
43 100
74 25.5 16.6 24.8





#19

Methyl tert-butyl Ether

Concen: 4.956 ug/l

RT: 5.234 min Scan# 50

Delta R.T. 0.012 min

Lab File: VY007489.D

Acq: 14 Feb 2022 10:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 73 Resp: 2085

Ion Ratio Lower Upper

73 100

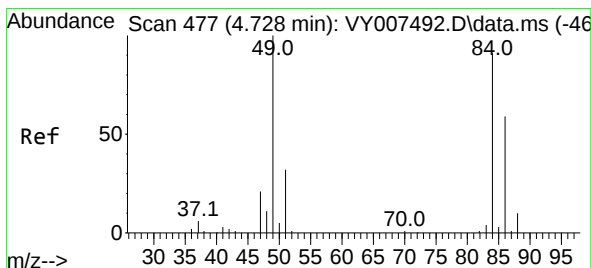
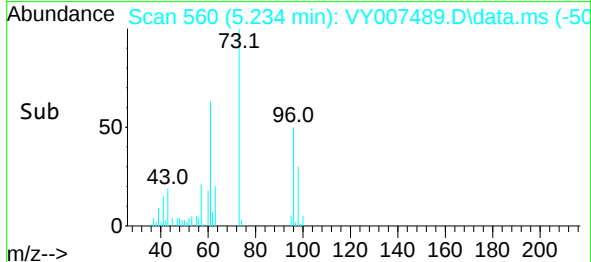
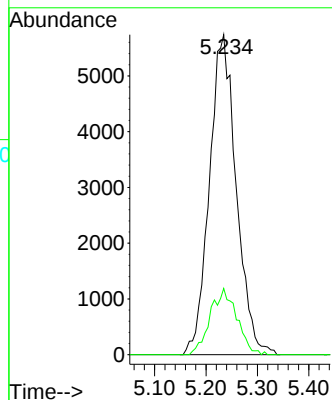
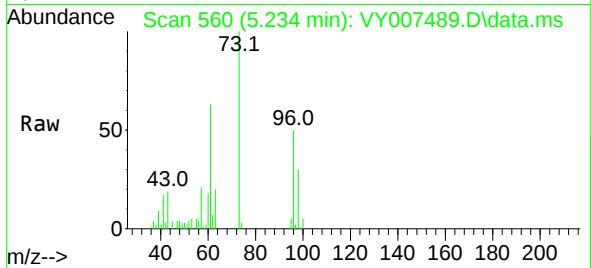
57 20.7 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/21/2022



#20

Methylene Chloride

Concen: 5.438 ug/l

RT: 4.728 min Scan# 477

Delta R.T. 0.006 min

Lab File: VY007489.D

Acq: 14 Feb 2022 10:48

Tgt Ion: 84 Resp: 9241

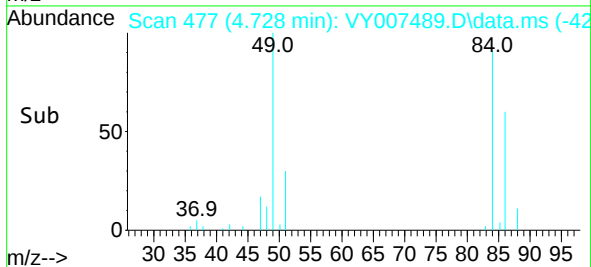
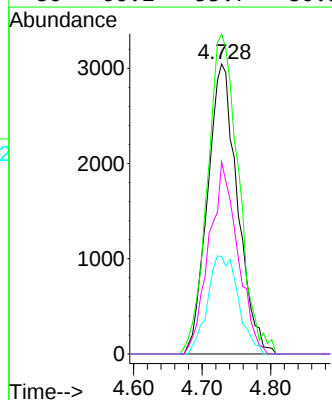
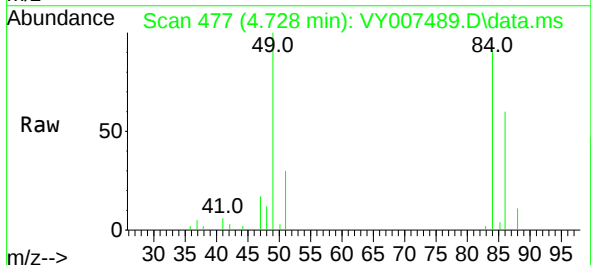
Ion Ratio Lower Upper

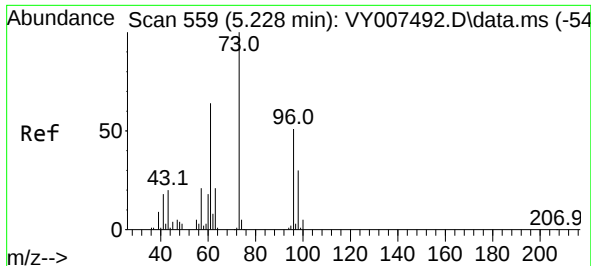
84 100

49 110.4 114.4 171.6#

51 33.6 35.3 52.9#

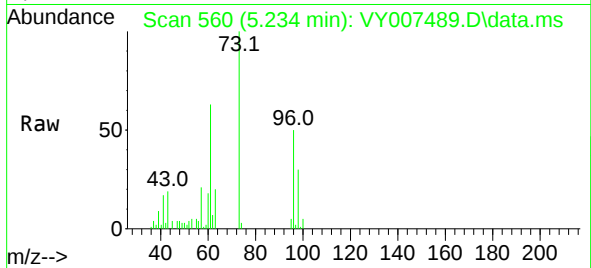
86 66.2 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 5.276 ug/l
RT: 5.234 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY007489.D
Acq: 14 Feb 2022 10:48

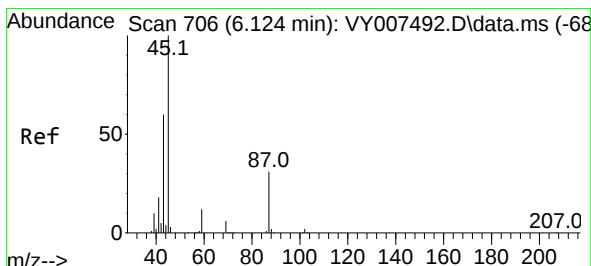
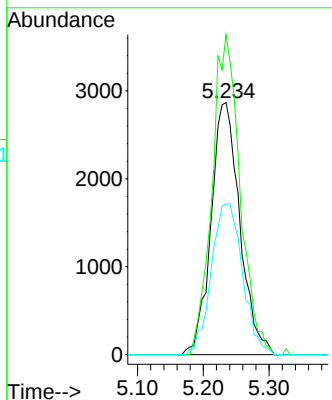
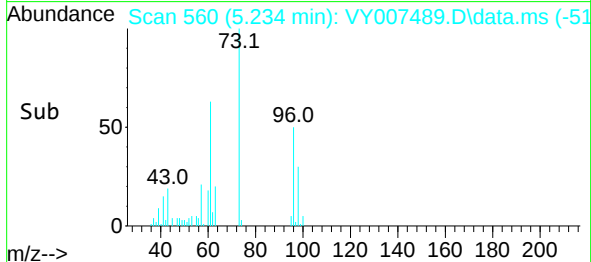
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 96 Resp: 873
Ion Ratio Lower Upper
96 100
61 126.9 120.5 180.7
98 59.7 49.8 74.8

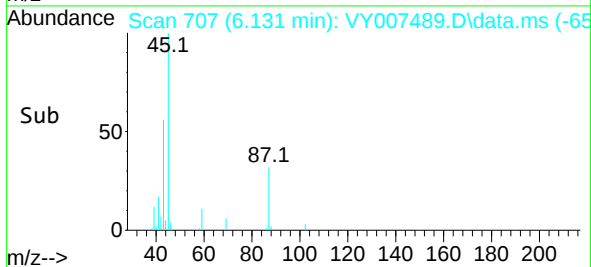
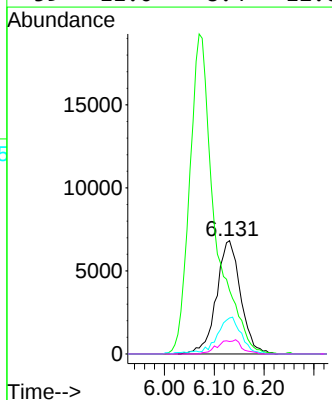
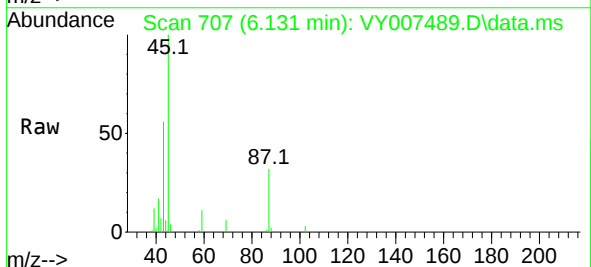
Manual Integrations
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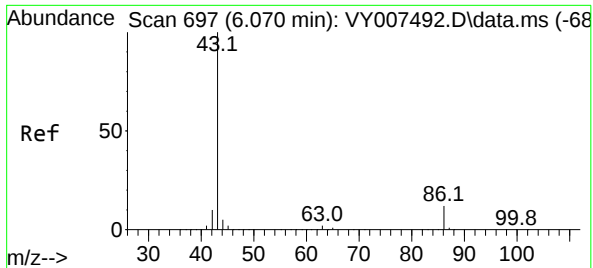
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022



#22
Diisopropyl ether
Concen: 5.173 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY007489.D
Acq: 14 Feb 2022 10:48

Tgt Ion: 45 Resp: 22916
Ion Ratio Lower Upper
45 100
43 56.1 49.3 73.9
87 31.7 19.2 28.8#
59 11.0 8.4 12.6





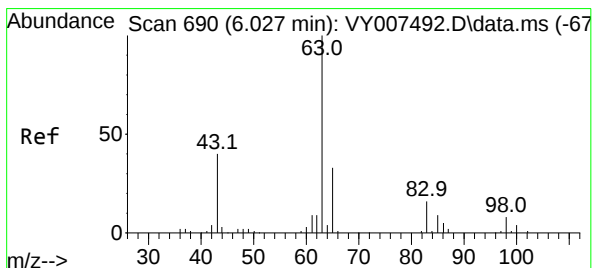
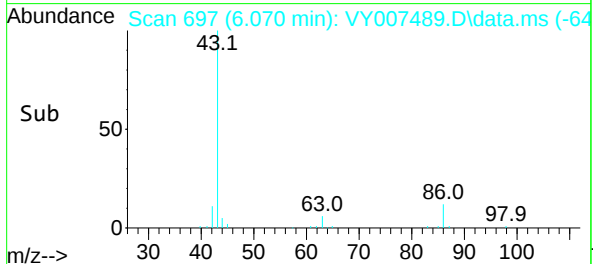
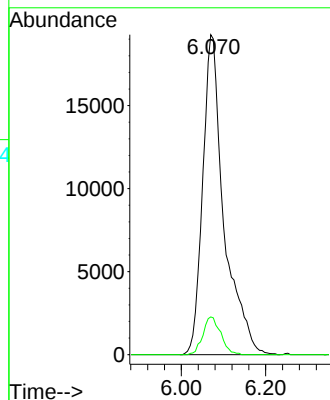
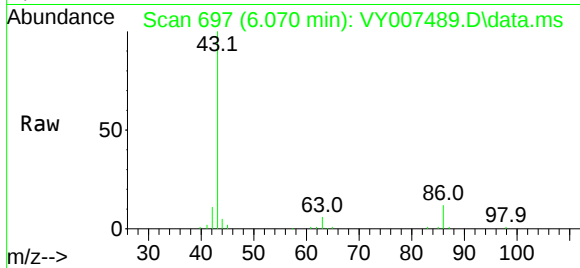
#23
 Vinyl Acetate
 Concen: 23.862 ug/l
 RT: 6.070 min Scan# 697
 Delta R.T. 0.006 min
 Lab File: VY007489.D
 Acq: 14 Feb 2022 10:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Tgt Ion: 43 Resp: 6754
 Ion Ratio Lower Upper
 43 100
 86 11.8 7.1 10.7

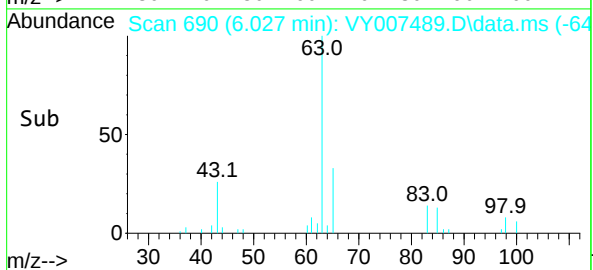
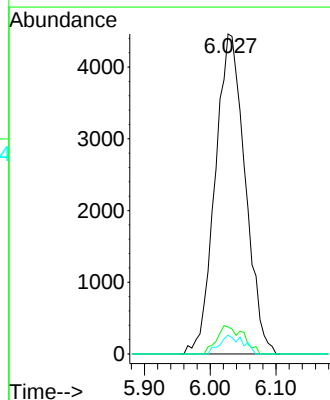
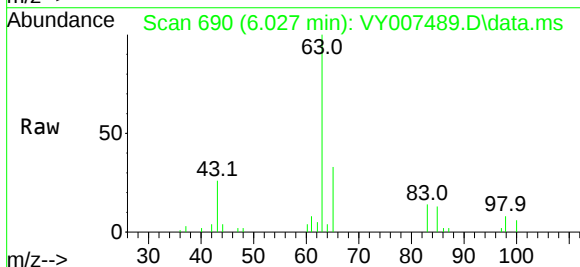
Manual Integrations
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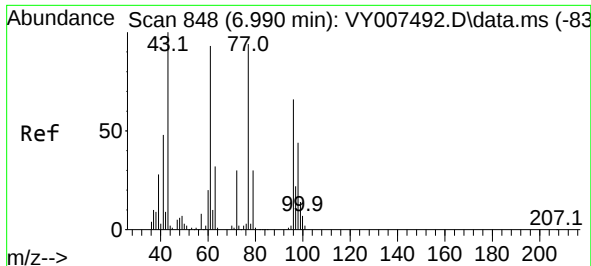
Reviewed By :John Carlone 02/15/2022
 Supervised By :Mahesh Dadoda 02/21/2022



#24
 1,1-Dichloroethane
 Concen: 5.089 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.006 min
 Lab File: VY007489.D
 Acq: 14 Feb 2022 10:48

Tgt Ion: 63 Resp: 14132
 Ion Ratio Lower Upper
 63 100
 98 8.5 3.6 10.8
 100 5.9 2.0 5.8





#25

2-Butanone

Concen: 23.934 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY007489.D

Acq: 14 Feb 2022 10:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 1206

Ion Ratio Lower Upper

43 100

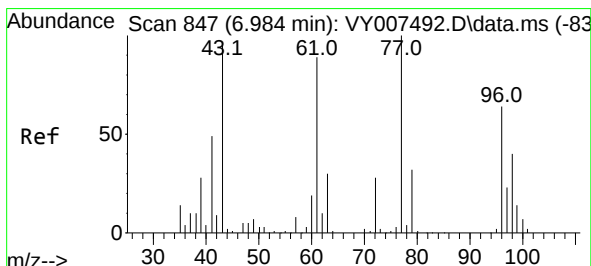
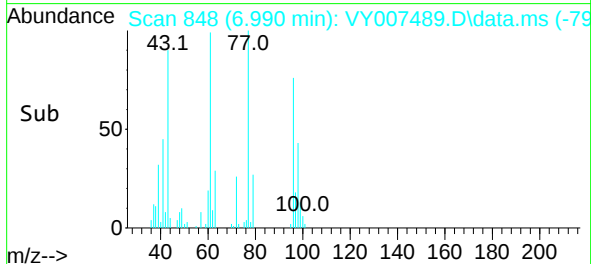
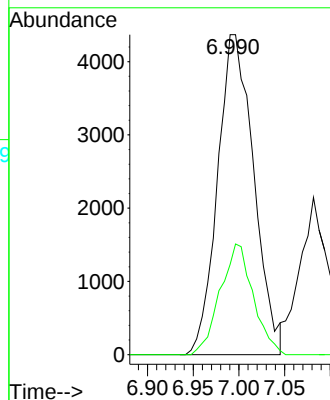
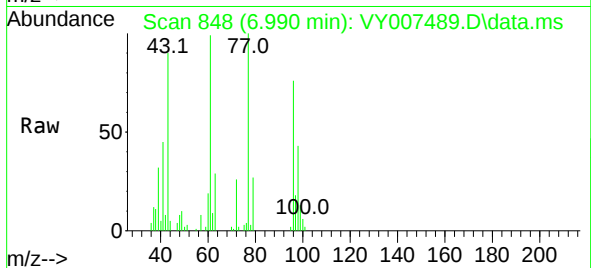
72 28.2 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/21/2022



#26

2,2-Dichloropropane

Concen: 5.201 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY007489.D

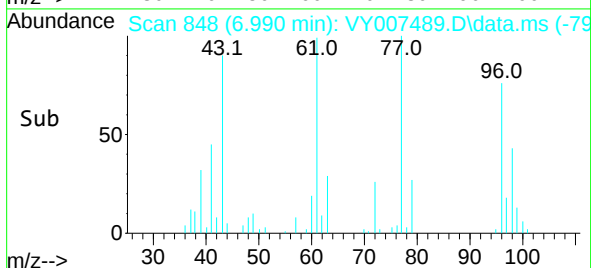
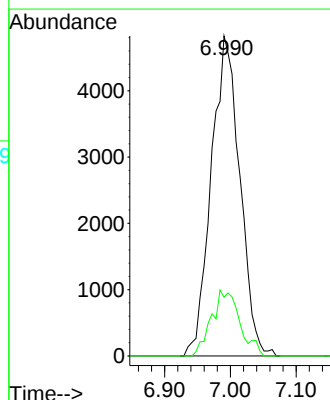
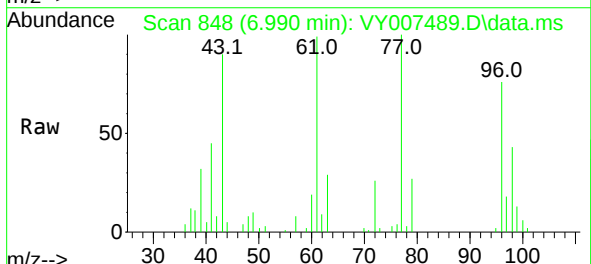
Acq: 14 Feb 2022 10:48

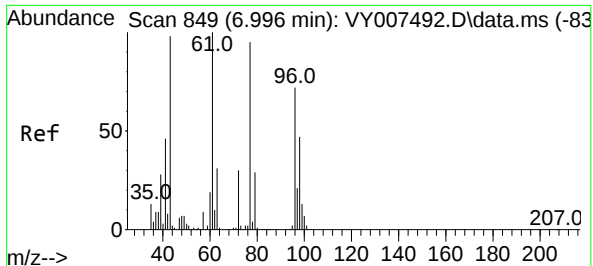
Tgt Ion: 77 Resp: 14590

Ion Ratio Lower Upper

77 100

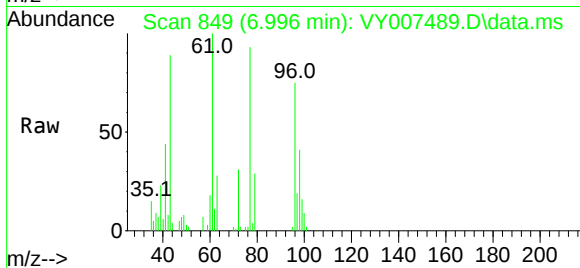
97 20.4 10.4 31.4





#27
cis-1,2-Dichloroethene
Concen: 5.205 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY007489.D
Acq: 14 Feb 2022 10:48

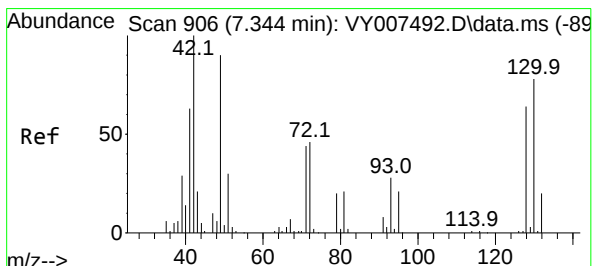
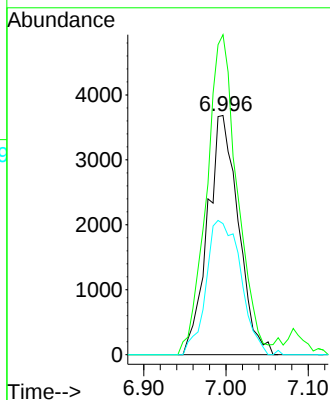
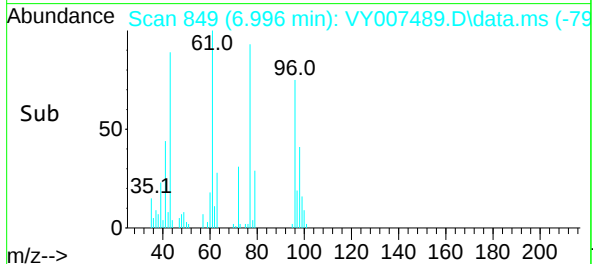
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 96 Resp: 9599
Ion Ratio Lower Upper
96 100
61 133.6 0.0 319.8
98 63.0 0.0 127.0

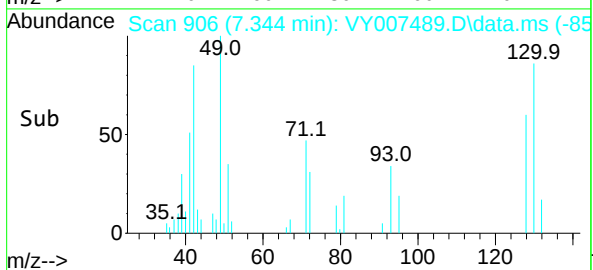
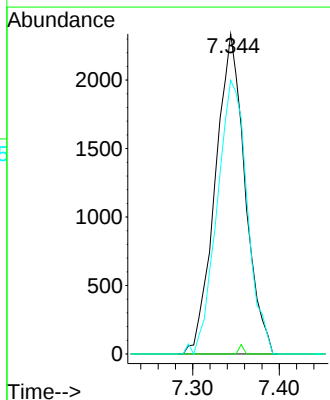
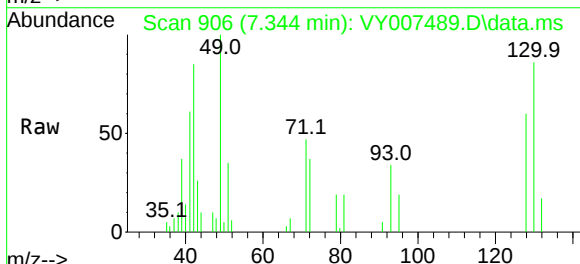
Manual Integrations
APPROVED

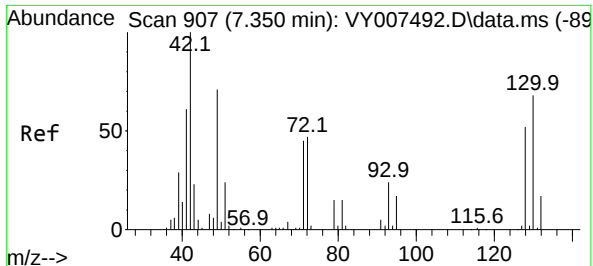
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022



#28
Bromochloromethane
Concen: 5.236 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.006 min
Lab File: VY007489.D
Acq: 14 Feb 2022 10:48

Tgt Ion: 49 Resp: 5568
Ion Ratio Lower Upper
49 100
129 0.4 0.0 2.2
130 87.1 55.4 83.0#





#29

Tetrahydrofuran

Concen: 25.142 ug/l

RT: 7.356 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY007489.D

Acq: 14 Feb 2022 10:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

Tgt Ion: 42 Resp: 7360

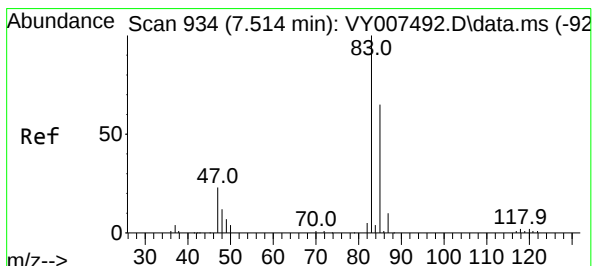
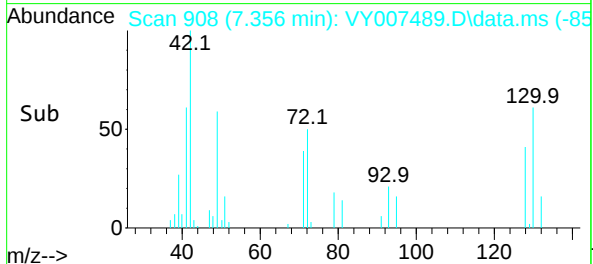
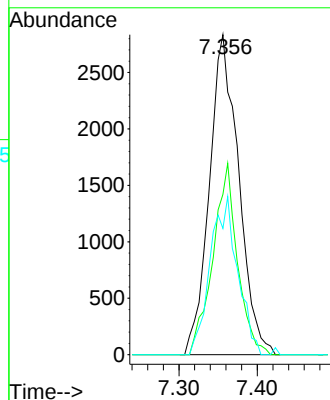
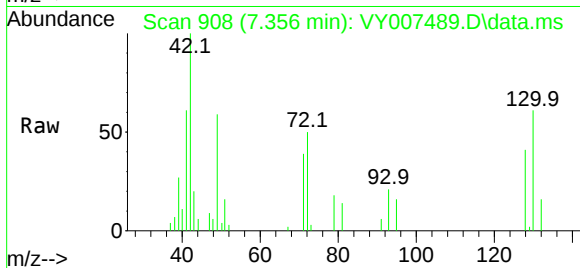
Ion	Ratio	Lower	Upper
42	100		
72	50.2	30.3	45.5
71	46.0	29.0	43.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/21/2022



#30

Chloroform

Concen: 5.148 ug/l

RT: 7.515 min Scan# 934

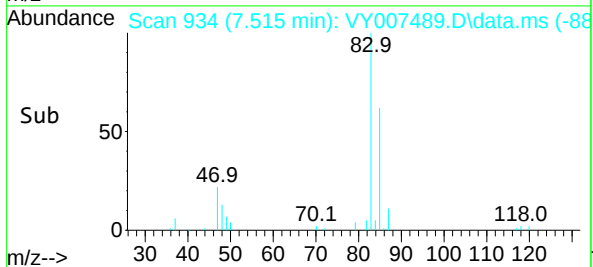
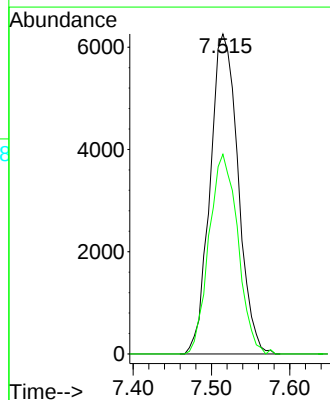
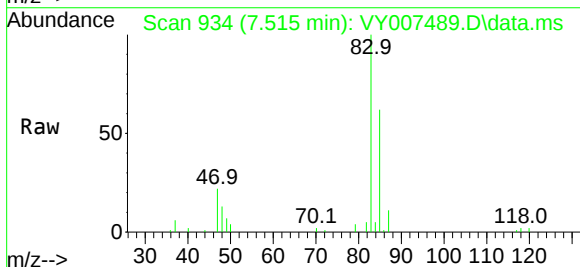
Delta R.T. 0.007 min

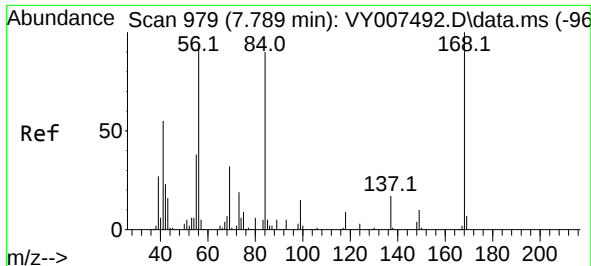
Lab File: VY007489.D

Acq: 14 Feb 2022 10:48

Tgt Ion: 83 Resp: 15520

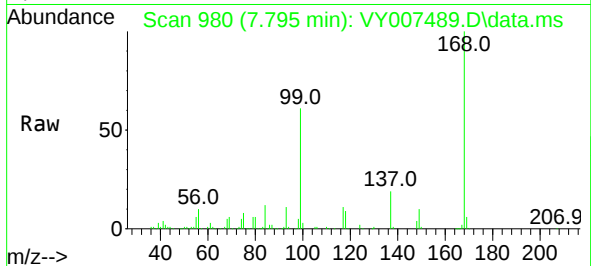
Ion	Ratio	Lower	Upper
83	100		
85	62.4	51.8	77.6





#31
Cyclohexane
Concen: 5.856 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY007489.D
Acq: 14 Feb 2022 10:48

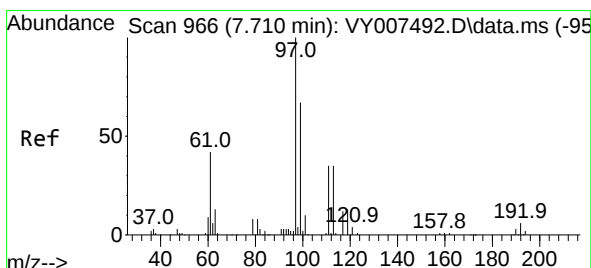
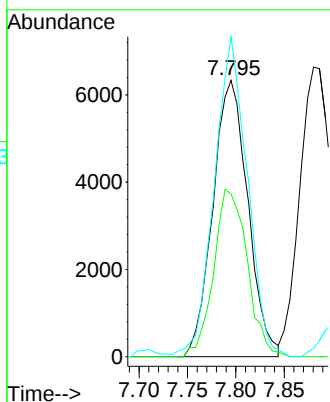
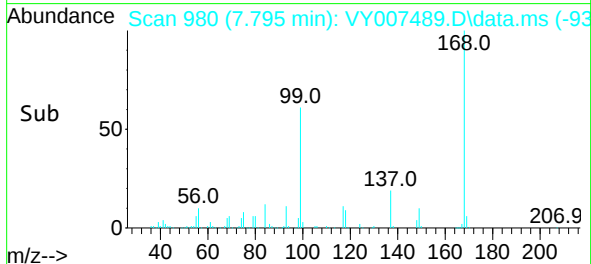
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 56 Resp: 15904
Ion Ratio Lower Upper
56 100
69 58.9 26.7 40.1
84 113.8 67.2 100.8

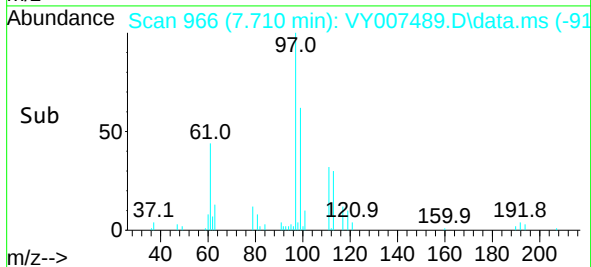
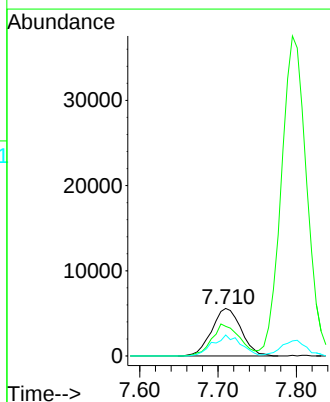
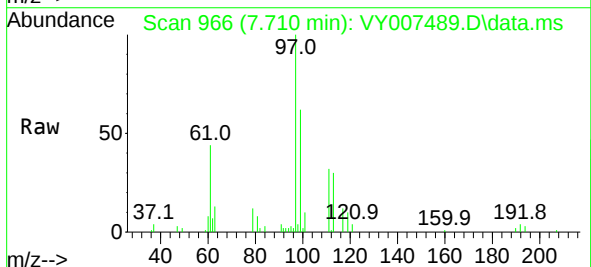
Manual Integrations
APPROVED

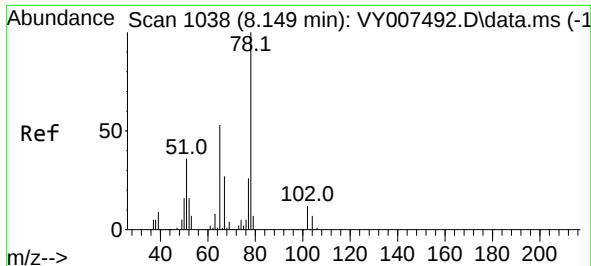
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022



#32
1,1,1-Trichloroethane
Concen: 5.019 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY007489.D
Acq: 14 Feb 2022 10:48

Tgt Ion: 97 Resp: 14526
Ion Ratio Lower Upper
97 100
99 62.9 50.7 76.1
61 41.8 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 5.479 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.006 min

Lab File: VY007489.D

Acq: 14 Feb 2022 10:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

Tgt Ion: 65 Resp: 846

Ion Ratio Lower Upper

65 100

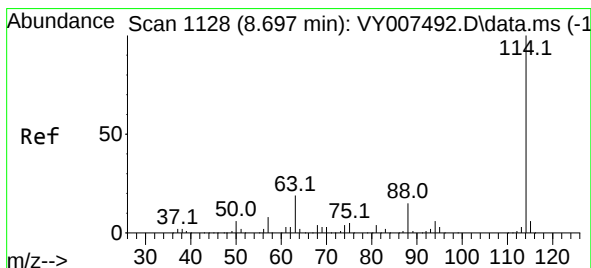
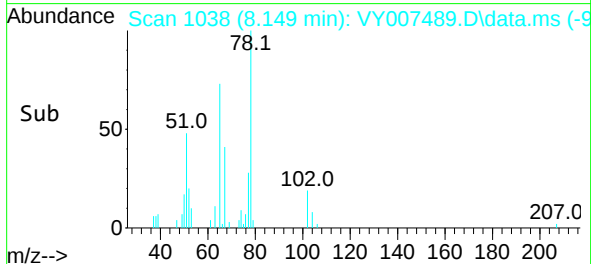
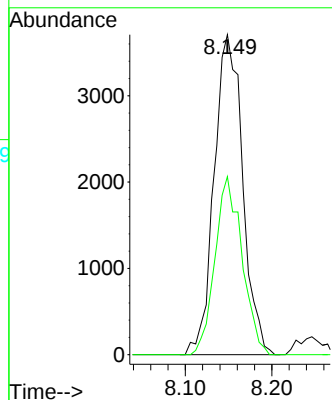
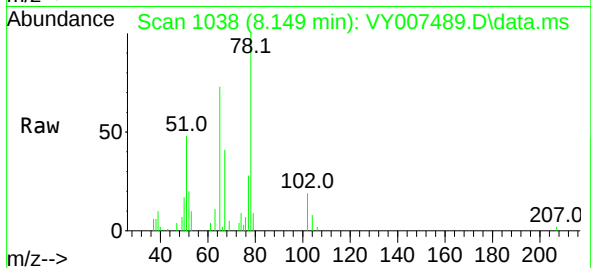
67 52.8 0.0 99.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/21/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY007489.D

Acq: 14 Feb 2022 10:48

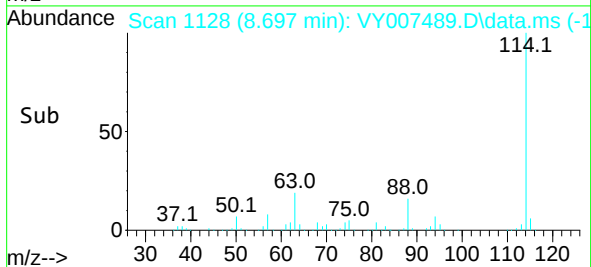
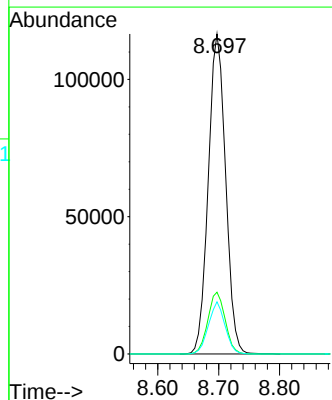
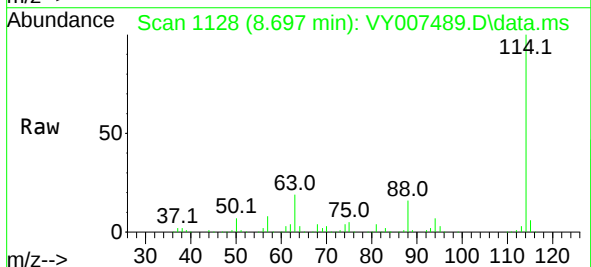
Tgt Ion:114 Resp: 230205

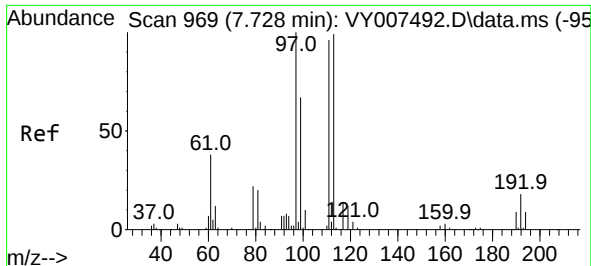
Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

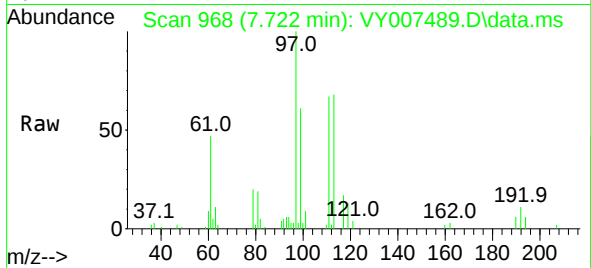
88 16.3 0.0 31.8





#35
Dibromofluoromethane
Concen: 5.135 ug/l
RT: 7.722 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007489.D
Acq: 14 Feb 2022 10:48

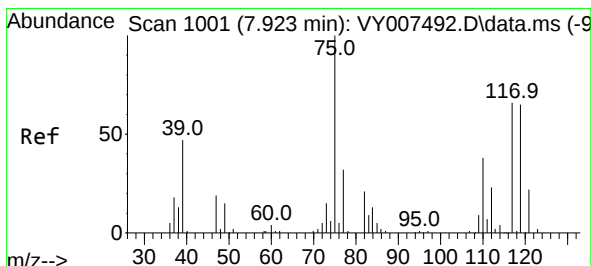
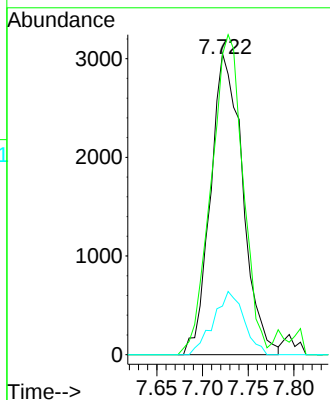
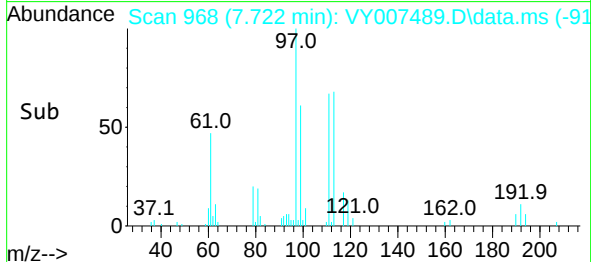
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



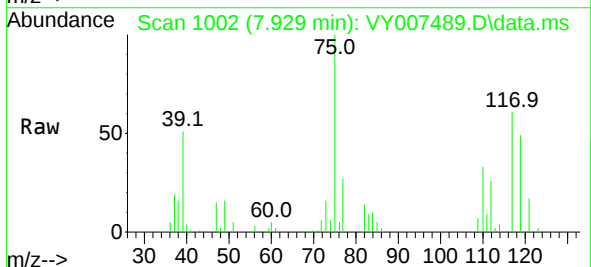
Tgt Ion:113 Resp: 7454
Ion Ratio Lower Upper
113 100
111 105.2 82.6 124.0
192 20.0 17.6 26.4

Manual Integrations
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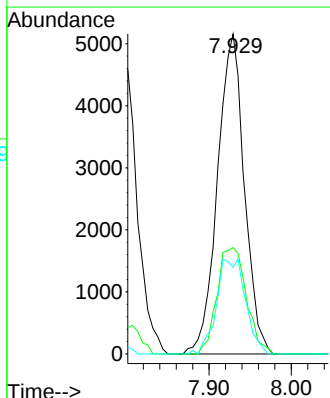
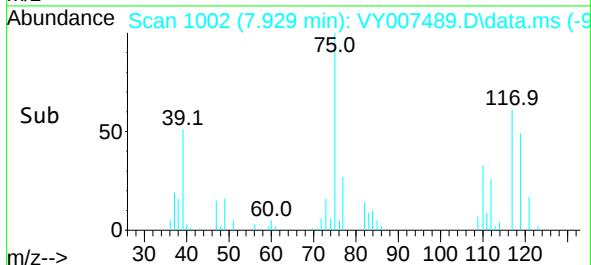
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022

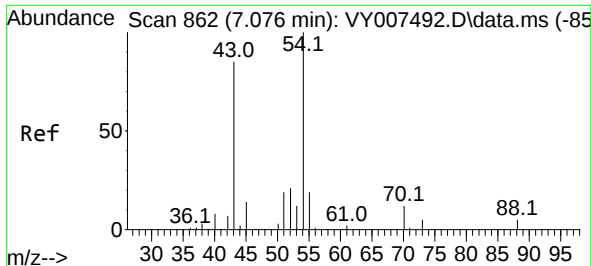


#36
1,1-Dichloropropene
Concen: 5.016 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VY007489.D
Acq: 14 Feb 2022 10:48



Tgt Ion: 75 Resp: 11721
Ion Ratio Lower Upper
75 100
110 36.3 17.1 51.2
77 32.1 24.4 36.6





#37

Ethyl Acetate

Concen: 4.600 ug/l

RT: 7.082 min Scan# 862

Delta R.T. 0.006 min

Lab File: VY007489.D

Acq: 14 Feb 2022 10:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

Tgt Ion: 43 Resp: 481

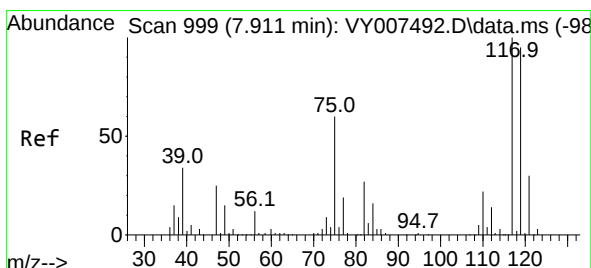
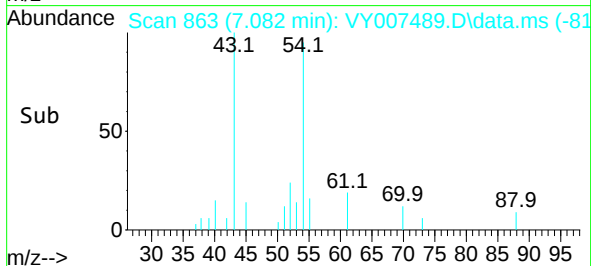
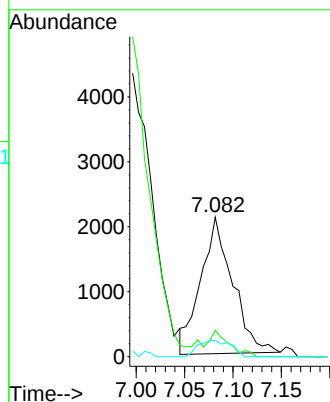
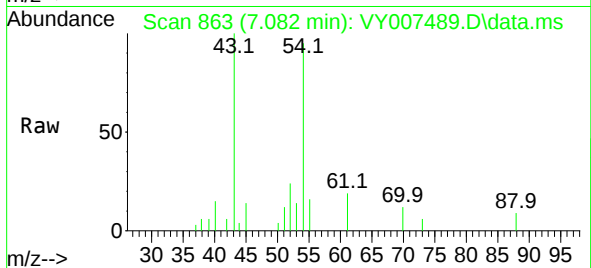
Ion	Ratio	Lower	Upper
43	100		
61	16.0	9.7	14.5
70	12.3	7.1	10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/21/2022



#38

Carbon Tetrachloride

Concen: 5.049 ug/l

RT: 7.911 min Scan# 999

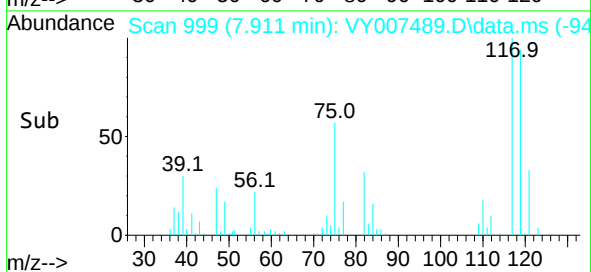
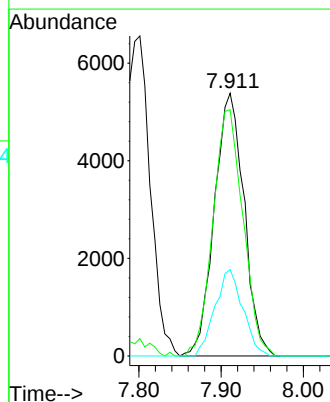
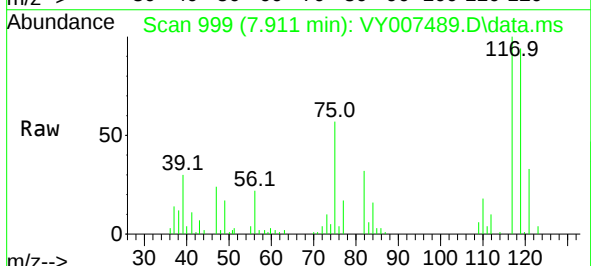
Delta R.T. 0.006 min

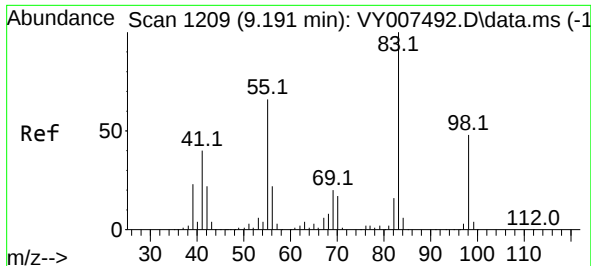
Lab File: VY007489.D

Acq: 14 Feb 2022 10:48

Tgt Ion:117 Resp: 13493

Ion	Ratio	Lower	Upper
117	100		
119	93.7	77.9	116.9
121	32.9	24.8	37.2





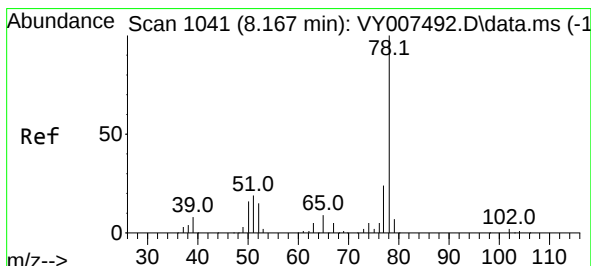
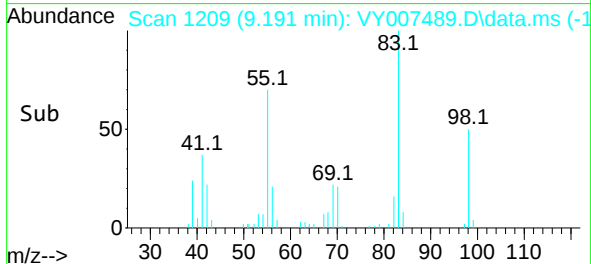
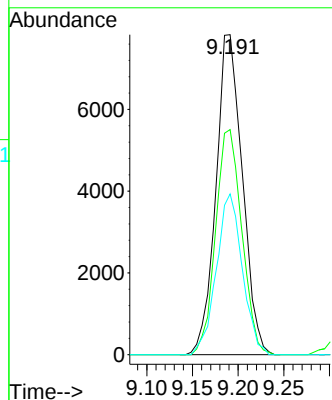
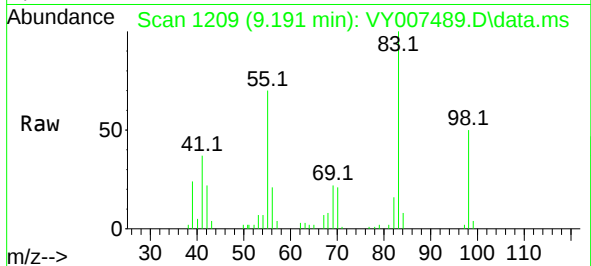
#39
Methylcyclohexane
Concen: 5.212 ug/l
RT: 9.191 min Scan# 1209
Delta R.T. 0.006 min
Lab File: VY007489.D
Acq: 14 Feb 2022 10:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 15748
Ion Ratio Lower Upper
83 100
55 70.4 66.5 99.7
98 50.3 37.9 56.9

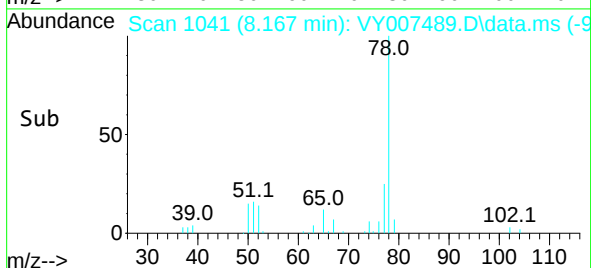
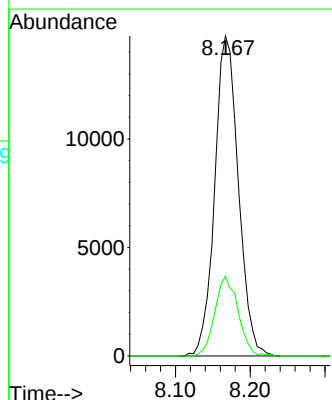
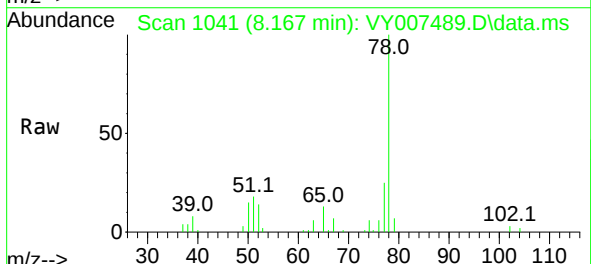
Manual Integrations
APPROVED

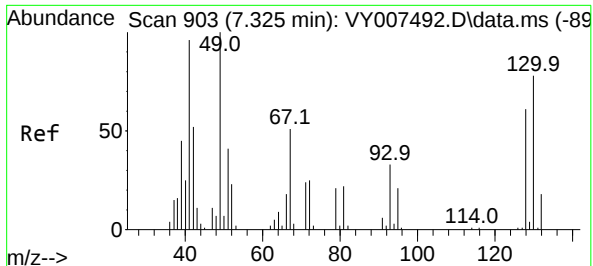
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022



#40
Benzene
Concen: 5.074 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY007489.D
Acq: 14 Feb 2022 10:48

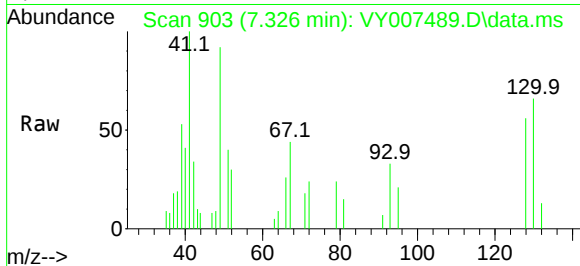
Tgt Ion: 78 Resp: 32516
Ion Ratio Lower Upper
78 100
77 24.9 20.4 30.6





#41
Methacrylonitrile
Concen: 3.785 ug/l
RT: 7.326 min Scan# 903
Delta R.T. 0.013 min
Lab File: VY007489.D
Acq: 14 Feb 2022 10:48

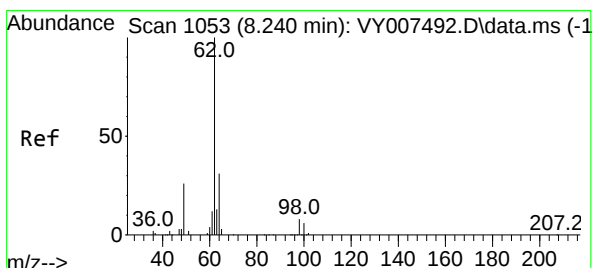
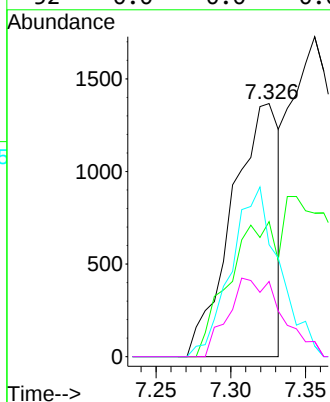
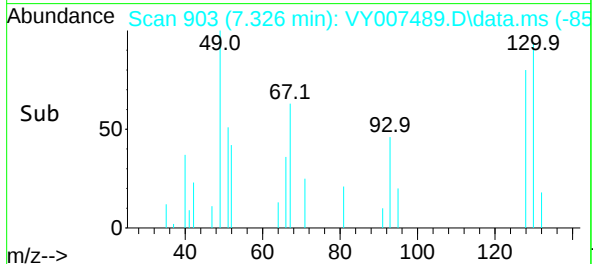
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion:	41	Resp:	299
Ion	Ratio	Lower	Upper
41	100		
39	75.4	92.9	139.3
67	68.4	0.0	0.0
52	0.0	0.0	0.0

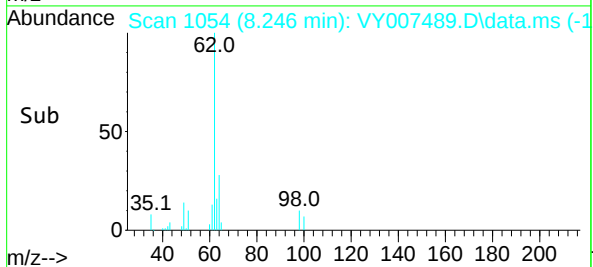
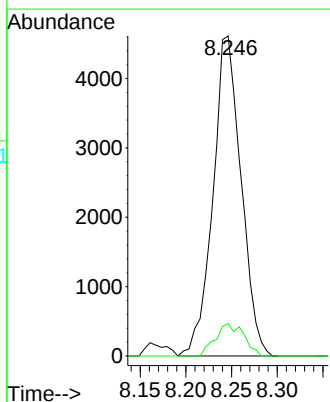
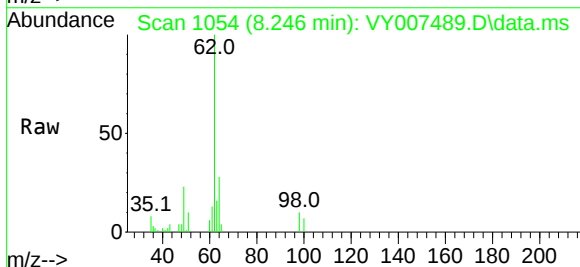
Manual Integrations
APPROVED

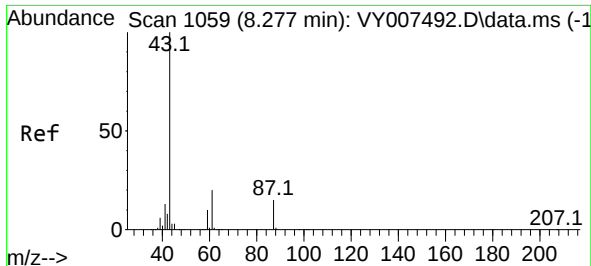
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022



#42
1,2-Dichloroethane
Concen: 5.013 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VY007489.D
Acq: 14 Feb 2022 10:48

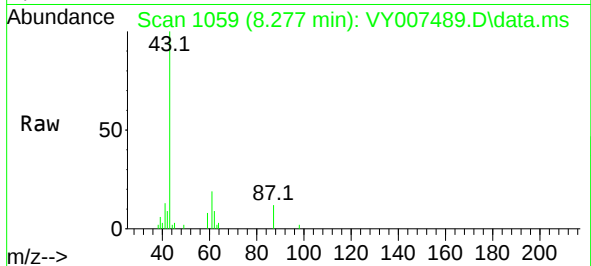
Tgt Ion:	62	Resp:	9881
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	14.8





#43
Isopropyl Acetate
Concen: 4.959 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VY007489.D
Acq: 14 Feb 2022 10:48

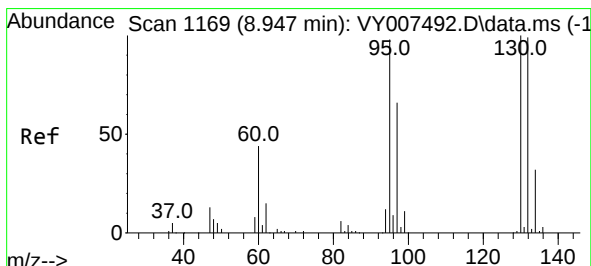
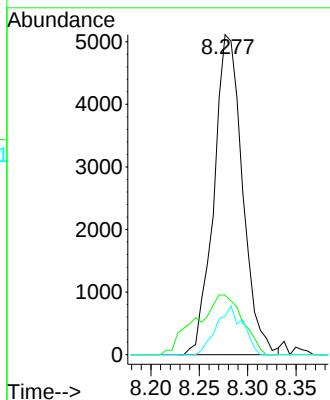
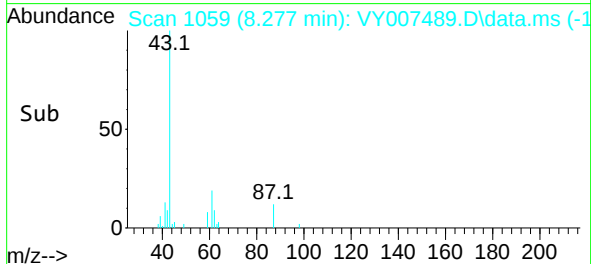
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 10538
Ion Ratio Lower Upper
43 100
61 30.3 20.2 30.2
87 14.1 8.9 13.3

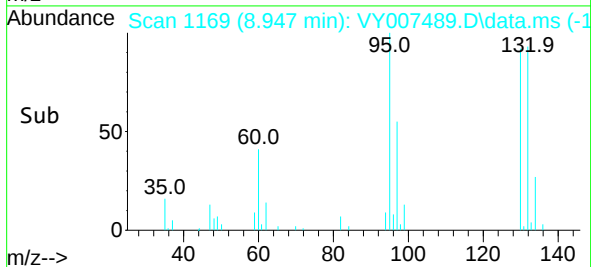
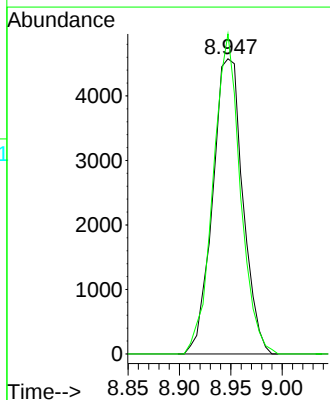
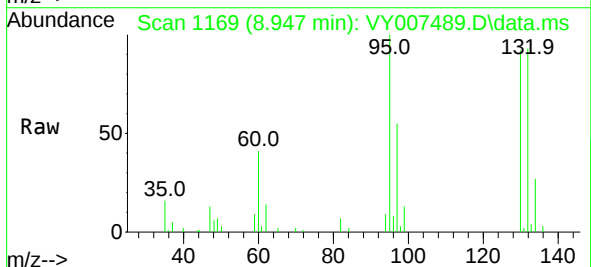
Manual Integrations
APPROVED

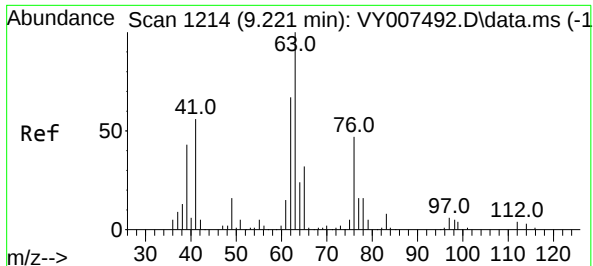
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022



#44
Trichloroethene
Concen: 5.102 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VY007489.D
Acq: 14 Feb 2022 10:48

Tgt Ion:130 Resp: 9353
Ion Ratio Lower Upper
130 100
95 108.4 0.0 188.2





#45

1,2-Dichloropropane

Concen: 4.929 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. -0.000 min

Lab File: VY007489.D

Acq: 14 Feb 2022 10:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 63 Resp: 746

Ion Ratio Lower Upper

63 100

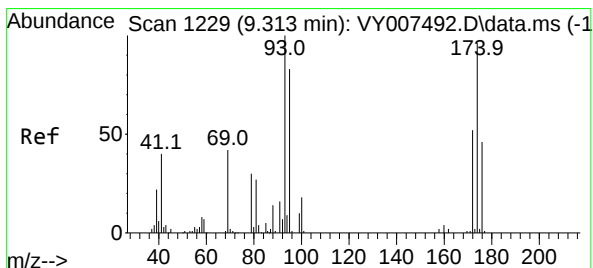
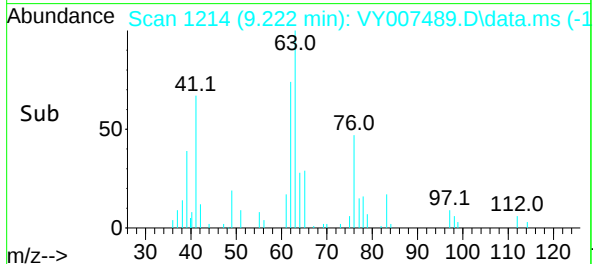
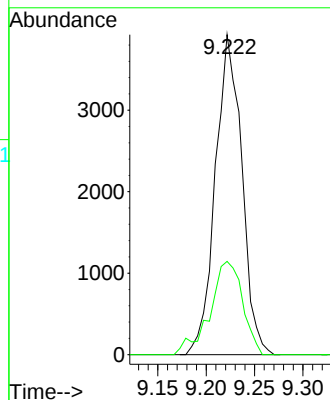
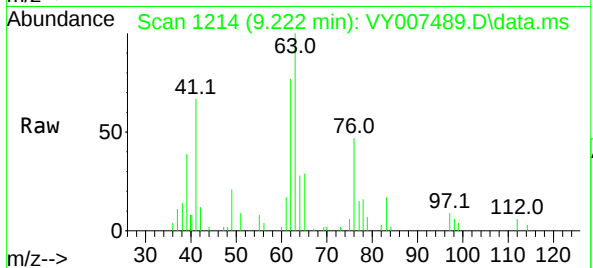
65 29.2 23.0 34.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/21/2022



#46

Dibromomethane

Concen: 5.040 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY007489.D

Acq: 14 Feb 2022 10:48

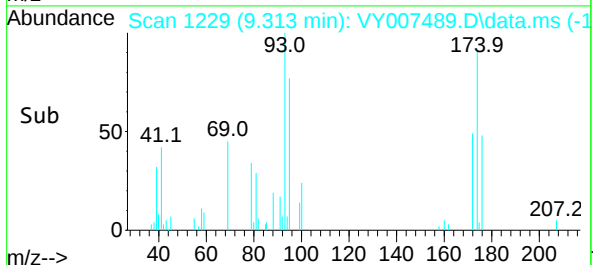
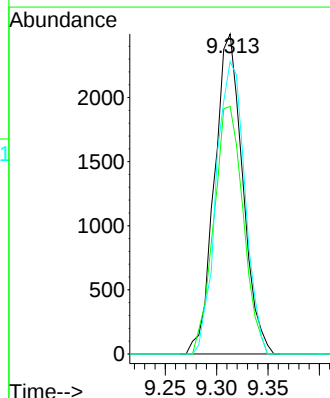
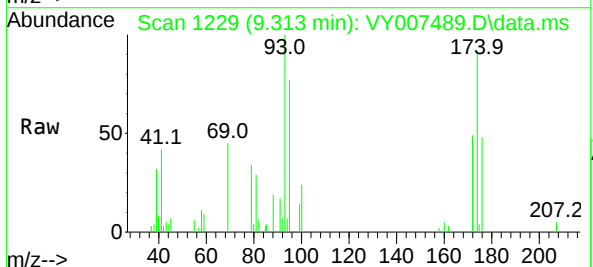
Tgt Ion: 93 Resp: 4756

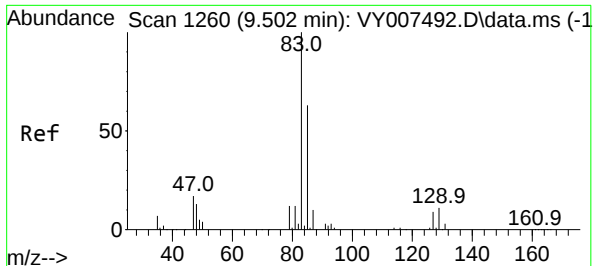
Ion Ratio Lower Upper

93 100

95 80.3 64.3 96.5

174 92.7 83.4 125.0





#47

Bromodichloromethane

Concen: 4.865 ug/l

RT: 9.502 min Scan# 1116

Delta R.T. 0.006 min

Lab File: VY007489.D

Acq: 14 Feb 2022 10:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

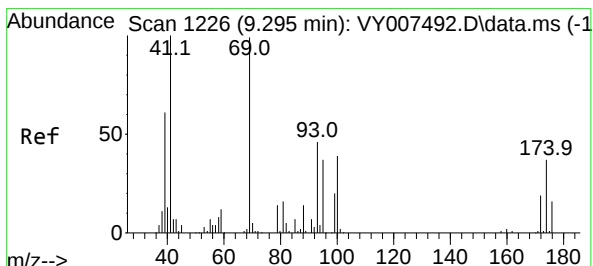
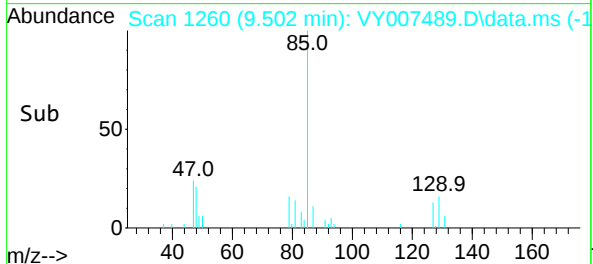
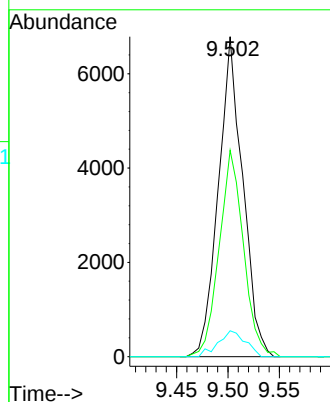
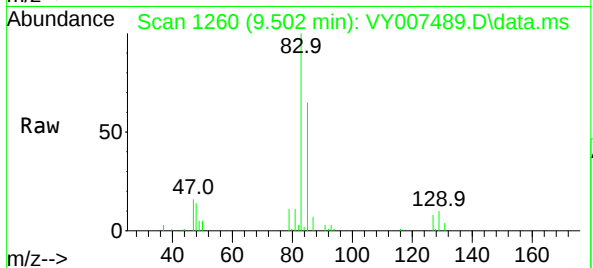
Tgt Ion: 83	Resp: 1116
Ion Ratio	Lower Upper
83 100	
85 64.5	51.9 77.9
127 8.1	6.6 10.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/21/2022



#48

Methyl methacrylate

Concen: 4.778 ug/l

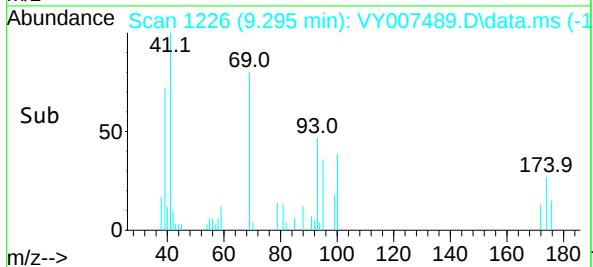
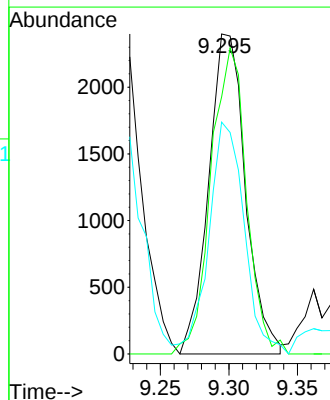
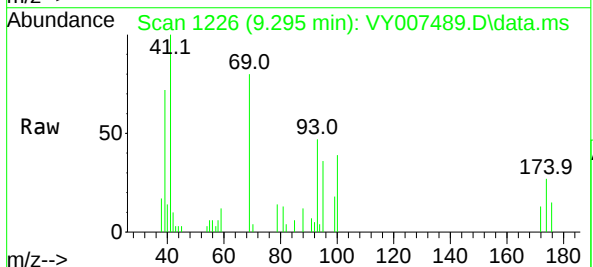
RT: 9.295 min Scan# 1226

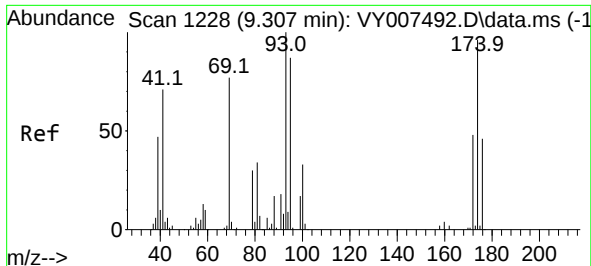
Delta R.T. -0.000 min

Lab File: VY007489.D

Acq: 14 Feb 2022 10:48

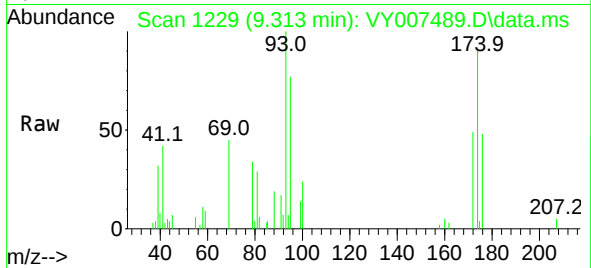
Tgt Ion: 41	Resp: 4477		
Ion Ratio	Lower	Upper	
41 100			
69 92.4	58.2	87.2	#
39 69.5	47.4	71.0	





#49
1,4-Dioxane
Concen: 99.660 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.012 min
Lab File: VY007489.D
Acq: 14 Feb 2022 10:48

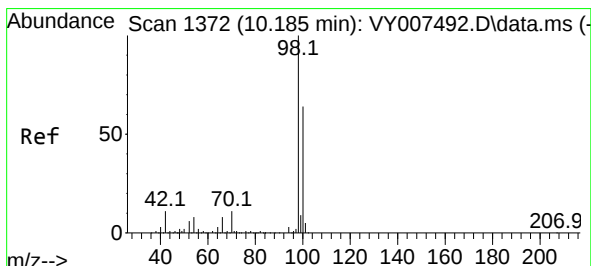
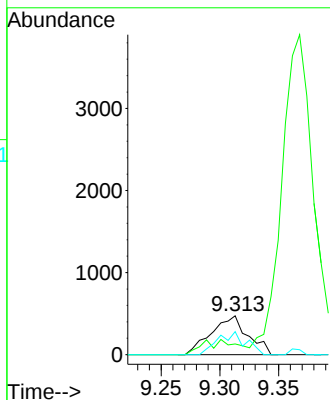
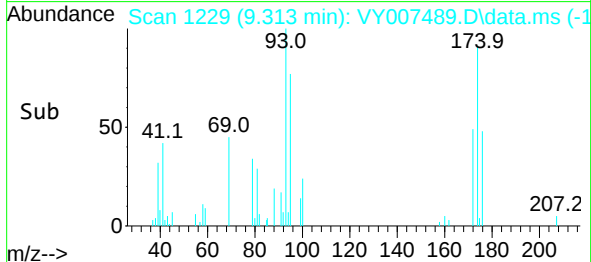
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



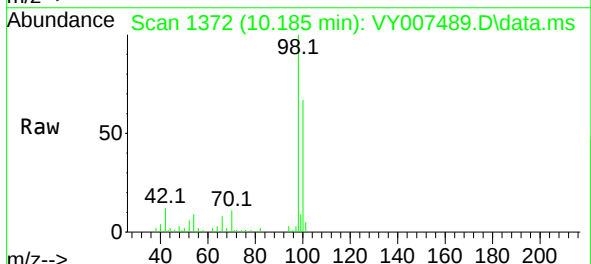
Tgt Ion: 88 Resp: 1020
Ion Ratio Lower Upper
88 100
43 0.0 32.8 49.2
58 45.3 59.8 89.6

Manual Integrations
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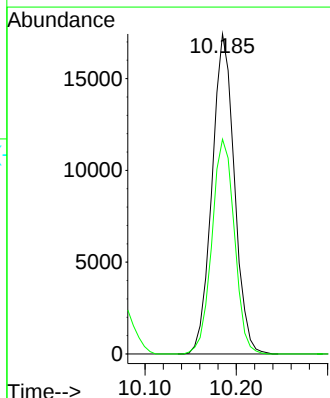
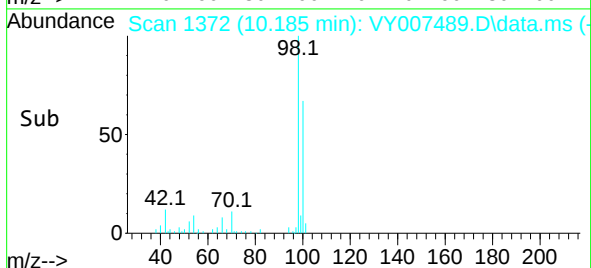
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022

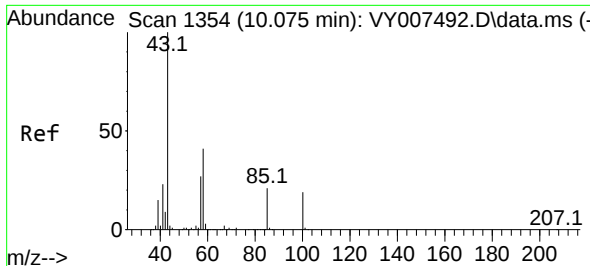


#50
Toluene-d8
Concen: 5.362 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY007489.D
Acq: 14 Feb 2022 10:48



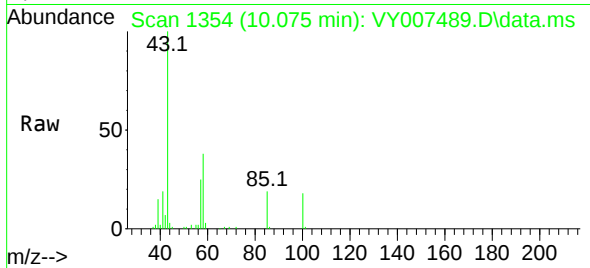
Tgt Ion: 98 Resp: 29586
Ion Ratio Lower Upper
98 100
100 67.5 50.2 75.2





#51
4-Methyl-2-Pentanone
Concen: 23.926 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.006 min
Lab File: VY007489.D
Acq: 14 Feb 2022 10:48

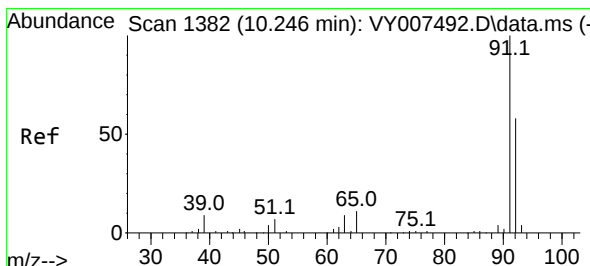
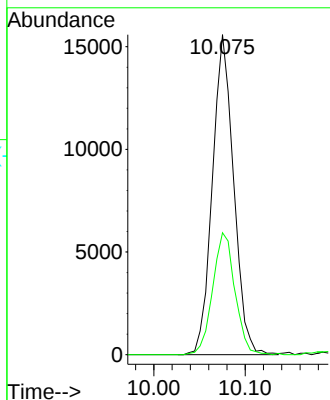
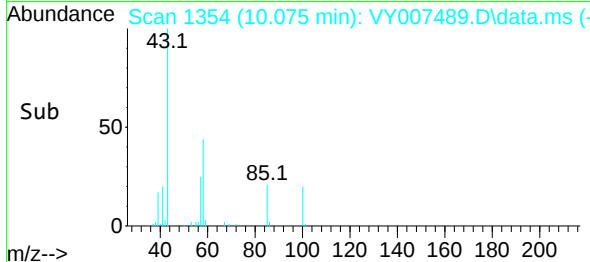
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 25199
Ion Ratio Lower Upper
43 100
58 39.9 28.1 42.1

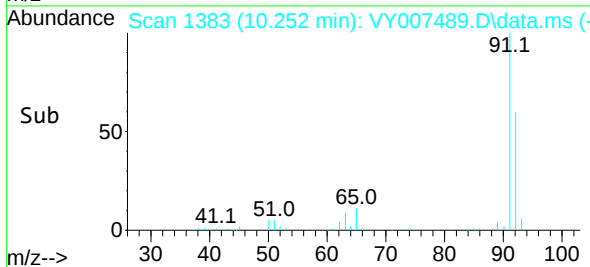
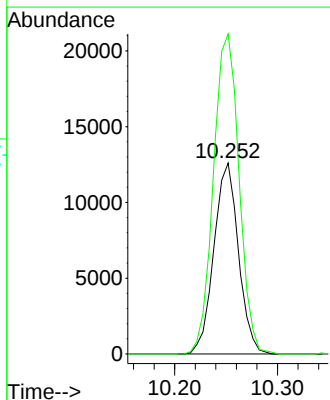
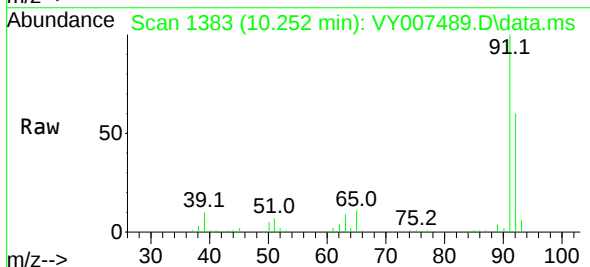
Manual Integrations
APPROVED

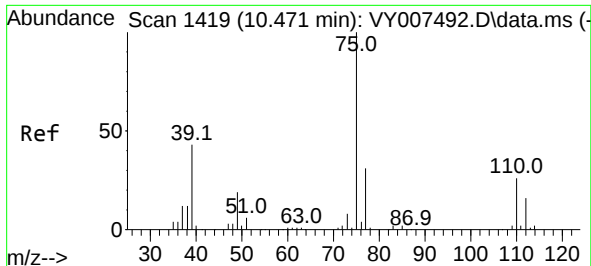
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022



#52
Toluene
Concen: 5.053 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.006 min
Lab File: VY007489.D
Acq: 14 Feb 2022 10:48

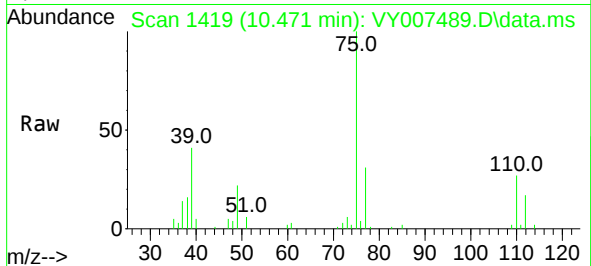
Tgt Ion: 92 Resp: 20870
Ion Ratio Lower Upper
92 100
91 175.0 142.6 213.8





#53
 t-1,3-Dichloropropene
 Concen: 4.846 ug/l
 RT: 10.471 min Scan# 1419
 Delta R.T. 0.006 min
 Lab File: VY007489.D
 Acq: 14 Feb 2022 10:48

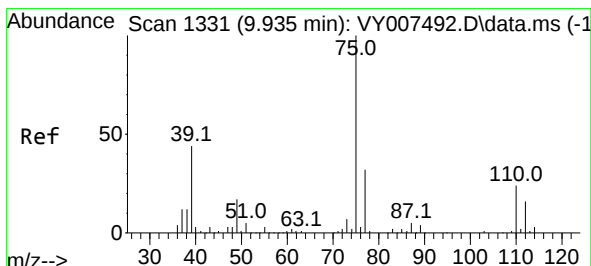
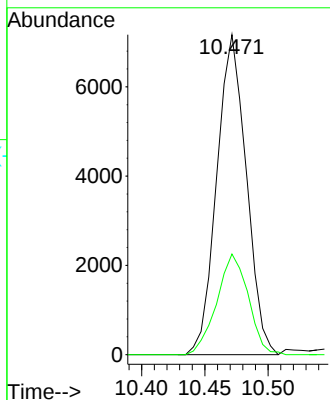
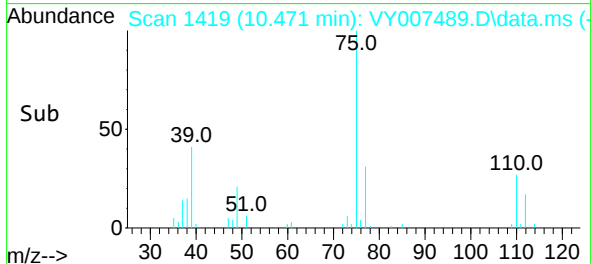
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005



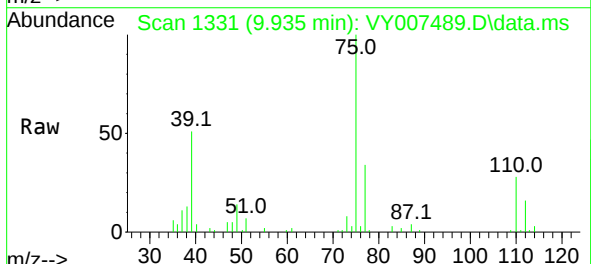
Tgt Ion: 75 Resp: 1163
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.4 38.2

Manual Integrations
 APPROVED

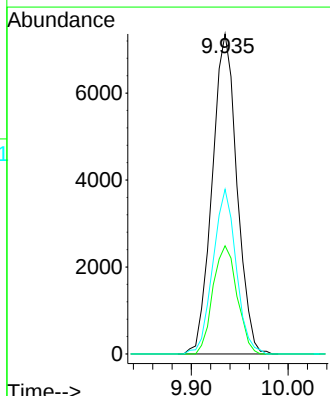
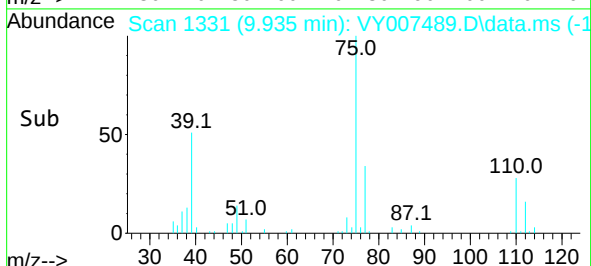
Reviewed By :John Carlone 02/15/2022
 Supervised By :Mahesh Dadoda 02/21/2022

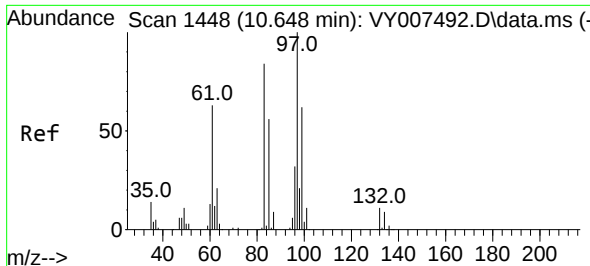


#54
 cis-1,3-Dichloropropene
 Concen: 4.879 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.006 min
 Lab File: VY007489.D
 Acq: 14 Feb 2022 10:48



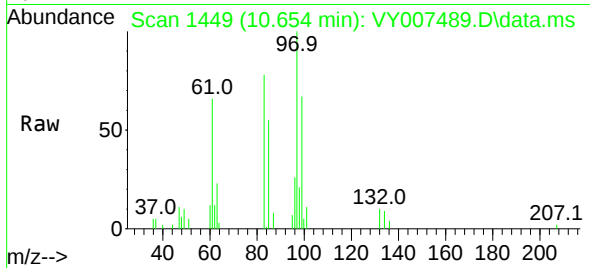
Tgt Ion: 75 Resp: 13079
 Ion Ratio Lower Upper
 75 100
 77 33.8 25.6 38.4
 39 51.5 47.6 71.4





#55
1,1,2-Trichloroethane
Concen: 4.989 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. 0.006 min
Lab File: VY007489.D
Acq: 14 Feb 2022 10:48

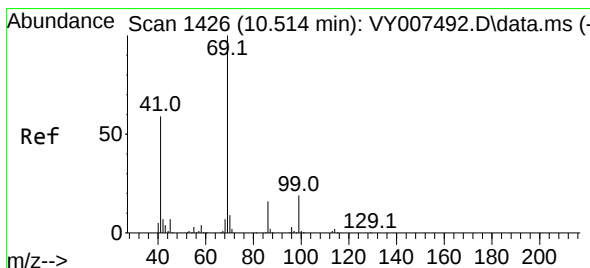
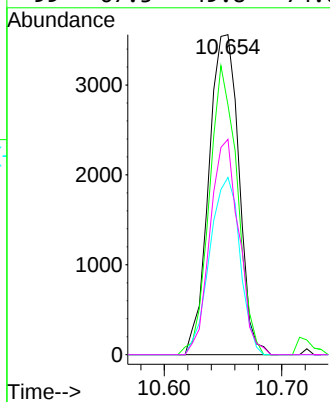
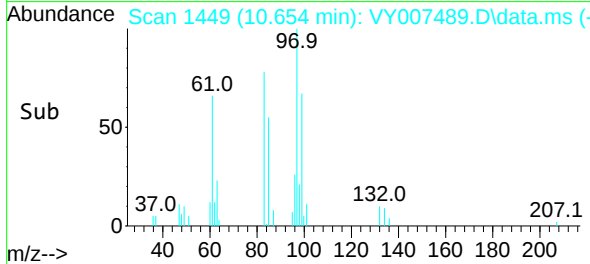
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 97 Resp: 632
Ion Ratio Lower Upper
97 100
83 78.1 69.8 104.8
85 55.4 44.3 66.5
99 67.3 49.8 74.6

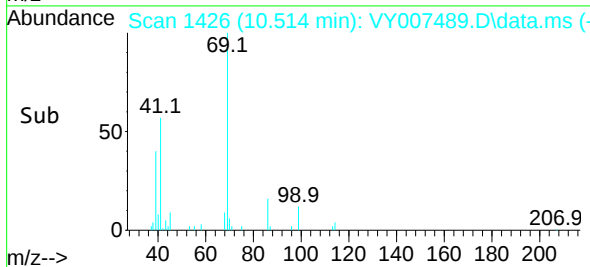
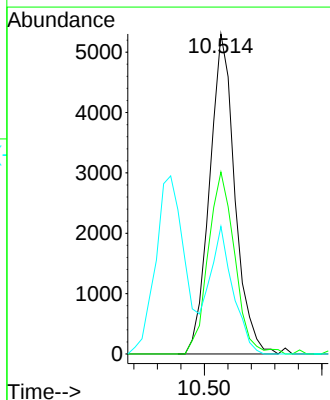
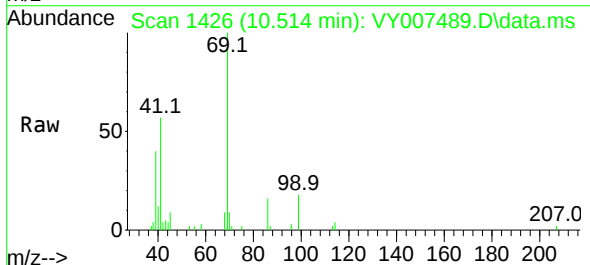
Manual Integrations
APPROVED

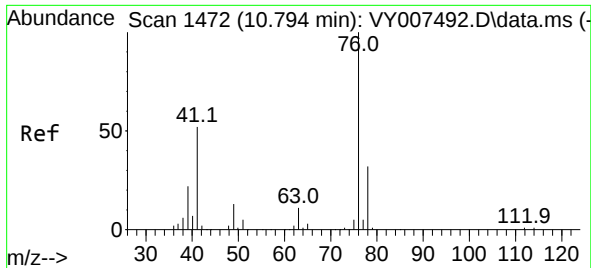
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022



#56
Ethyl methacrylate
Concen: 4.702 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VY007489.D
Acq: 14 Feb 2022 10:48

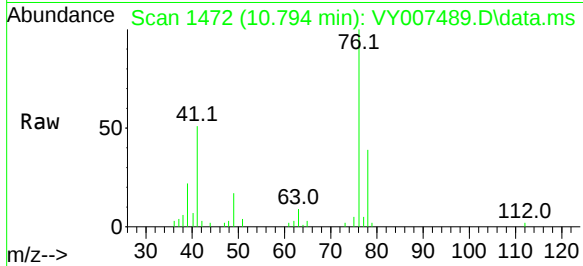
Tgt Ion: 69 Resp: 7929
Ion Ratio Lower Upper
69 100
41 59.9 63.4 95.0#
39 36.2 35.8 53.8





#57
1,3-Dichloropropane
Concen: 4.882 ug/l
RT: 10.794 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VY007489.D
Acq: 14 Feb 2022 10:48

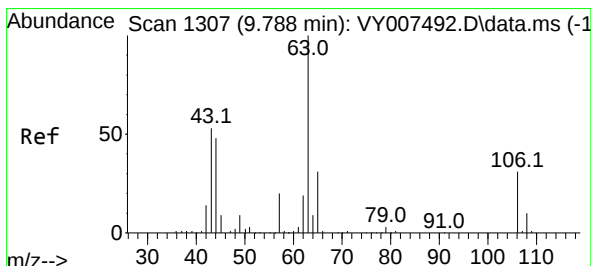
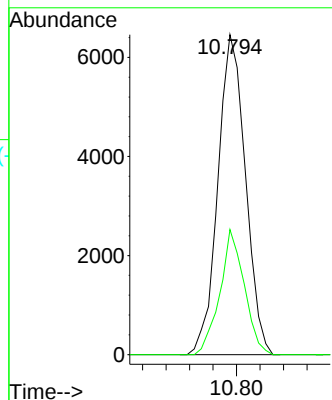
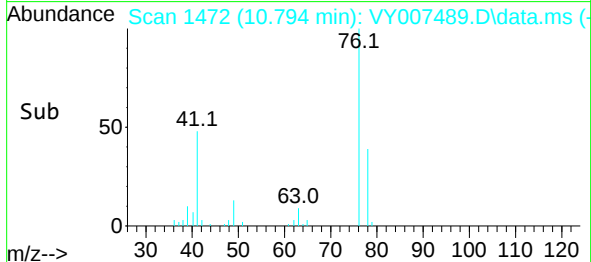
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



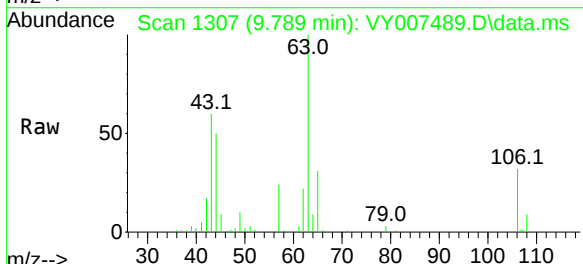
Tgt Ion: 76 Resp: 10520
Ion Ratio Lower Upper
76 100
78 34.6 25.0 37.6

Manual Integrations
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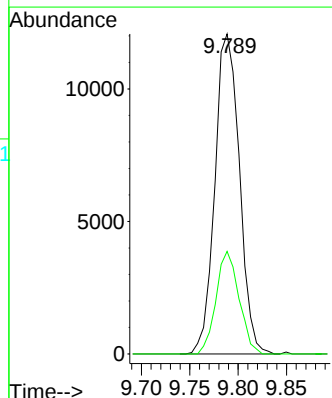
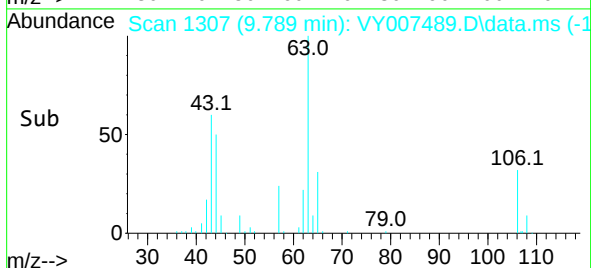
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022

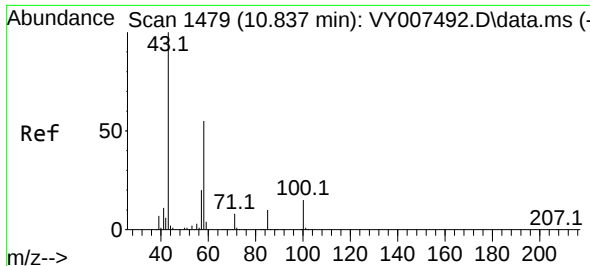


#58
2-Chloroethyl Vinyl ether
Concen: 24.137 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. 0.007 min
Lab File: VY007489.D
Acq: 14 Feb 2022 10:48



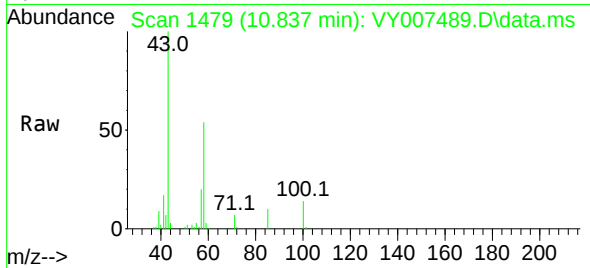
Tgt Ion: 63 Resp: 21280
Ion Ratio Lower Upper
63 100
106 30.0 21.5 32.3





#59
2-Hexanone
Concen: 23.500 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VY007489.D
Acq: 14 Feb 2022 10:48

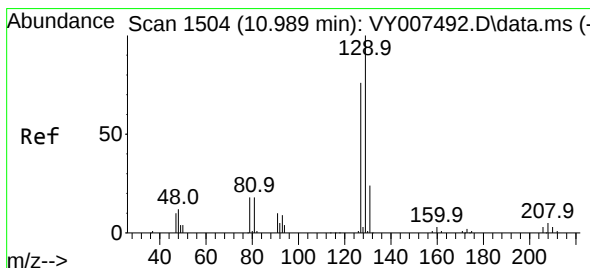
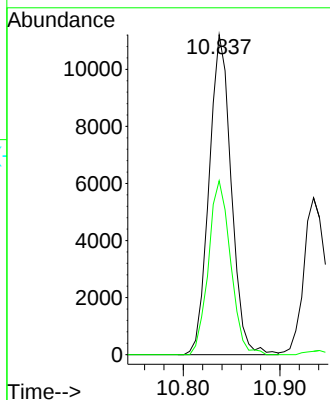
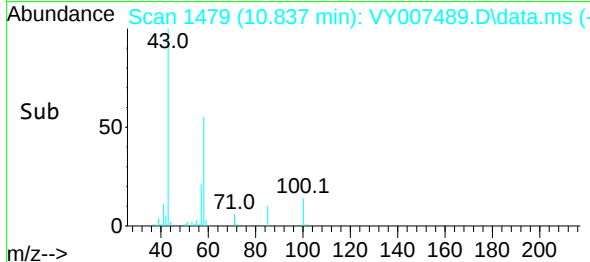
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



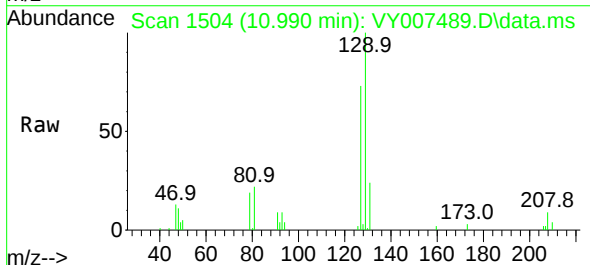
Tgt Ion: 43 Resp: 17869
Ion Ratio Lower Upper
43 100
58 54.1 24.4 73.4

Manual Integrations
APPROVED

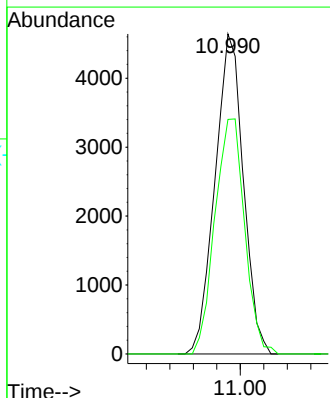
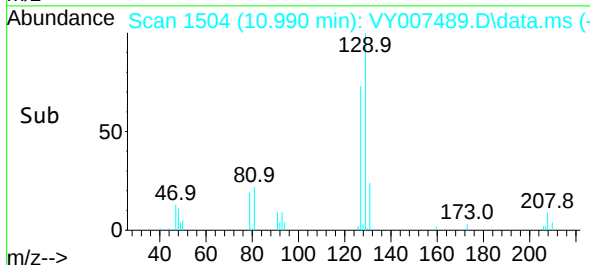
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022

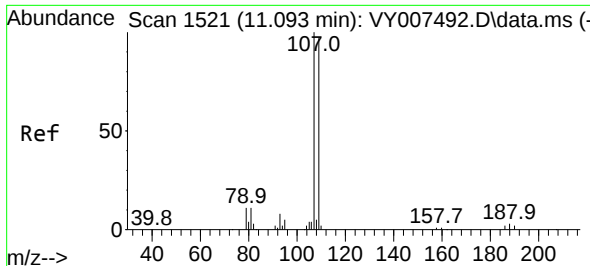


#60
Dibromochloromethane
Concen: 4.871 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.007 min
Lab File: VY007489.D
Acq: 14 Feb 2022 10:48



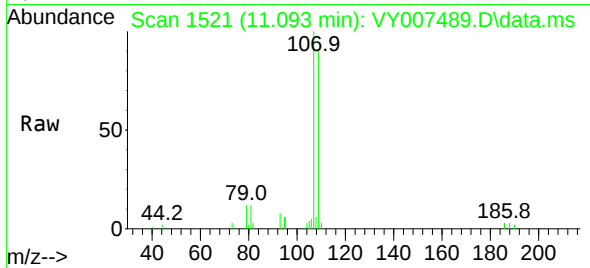
Tgt Ion:129 Resp: 7770
Ion Ratio Lower Upper
129 100
127 77.0 38.7 116.1





#61
1,2-Dibromoethane
Concen: 5.122 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.006 min
Lab File: VY007489.D
Acq: 14 Feb 2022 10:48

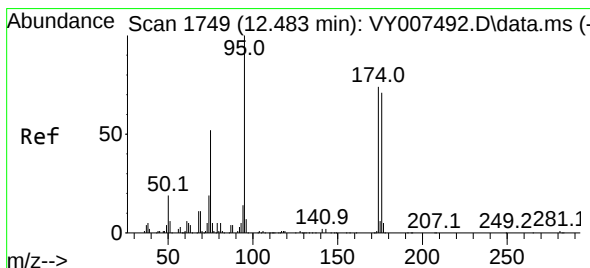
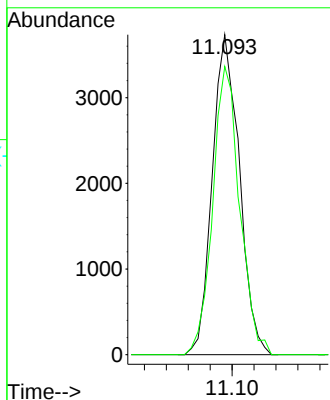
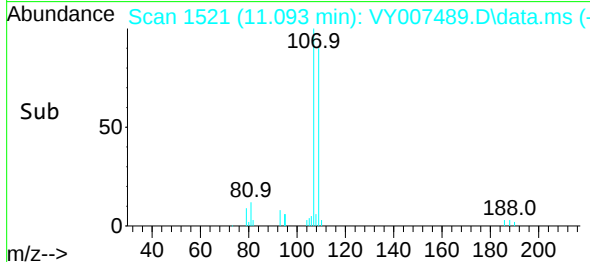
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



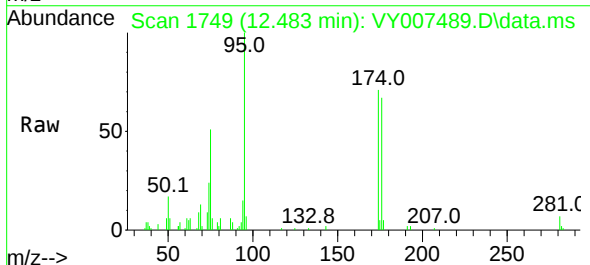
Tgt Ion: 107 Resp: 641
Ion Ratio Lower Upper
107 100
109 89.6 75.4 113.2

Manual Integrations
APPROVED

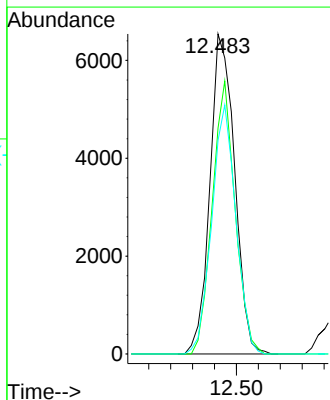
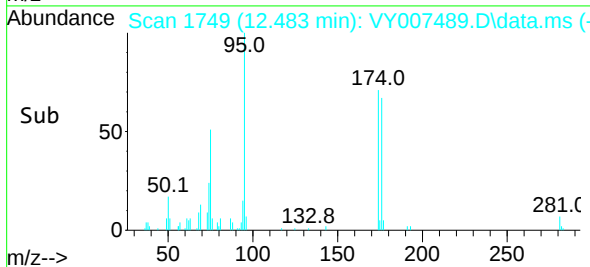
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022

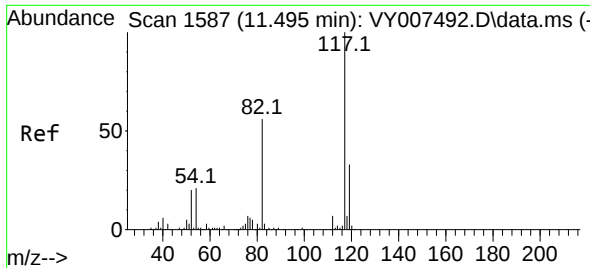


#62
4-Bromofluorobenzene
Concen: 5.417 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007489.D
Acq: 14 Feb 2022 10:48



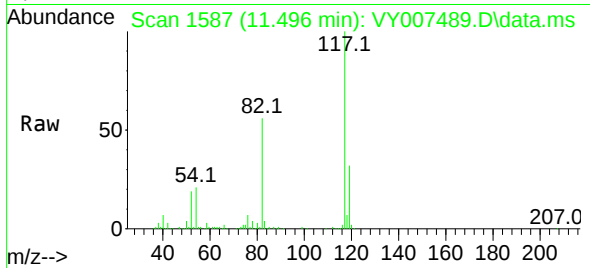
Tgt Ion: 95 Resp: 10196
Ion Ratio Lower Upper
95 100
174 79.4 0.0 177.0
176 76.3 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1158
Delta R.T. 0.006 min
Lab File: VY007489.D
Acq: 14 Feb 2022 10:48

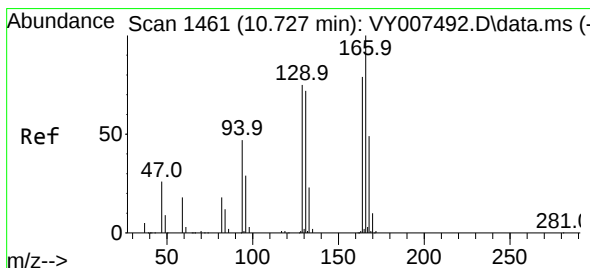
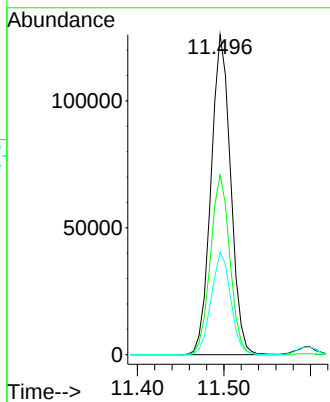
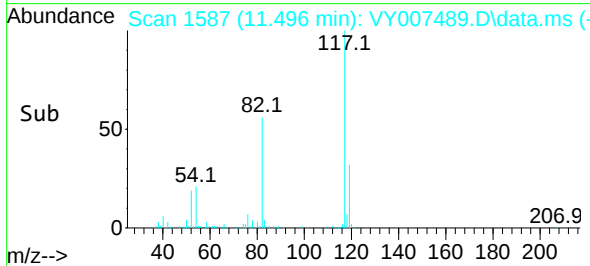
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



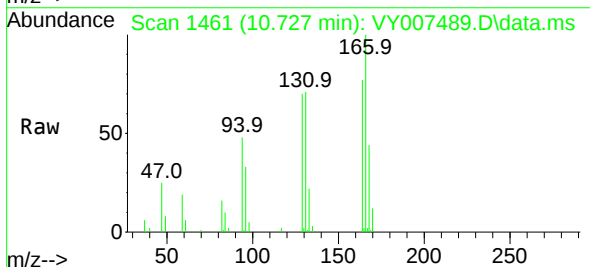
Tgt Ion:117 Resp: 198749
Ion Ratio Lower Upper
117 100
82 56.2 43.0 64.4
119 32.1 25.4 38.0

Manual Integrations
APPROVED

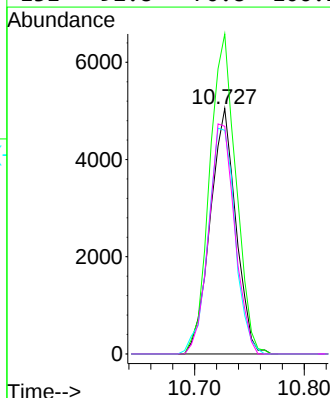
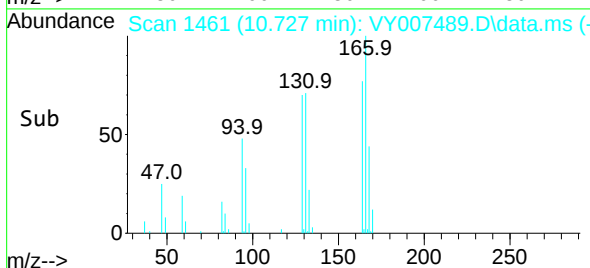
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022

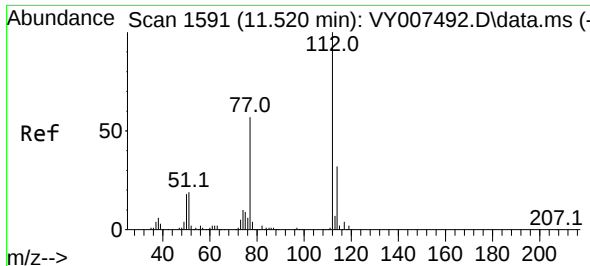


#64
Tetrachloroethene
Concen: 5.261 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. 0.006 min
Lab File: VY007489.D
Acq: 14 Feb 2022 10:48



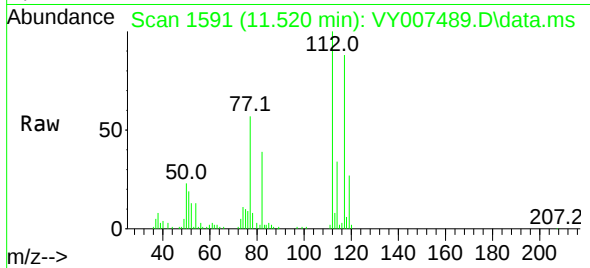
Tgt Ion:164 Resp: 8231
Ion Ratio Lower Upper
164 100
166 130.4 100.4 150.6
129 91.1 71.4 107.0
131 92.8 70.8 106.2





#65
Chlorobenzene
Concen: 5.120 ug/l
RT: 11.520 min Scan# 11591
Delta R.T. -0.000 min
Lab File: VY007489.D
Acq: 14 Feb 2022 10:48

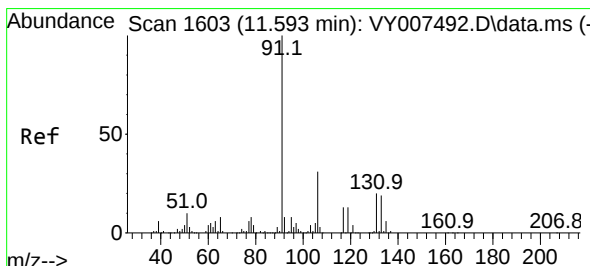
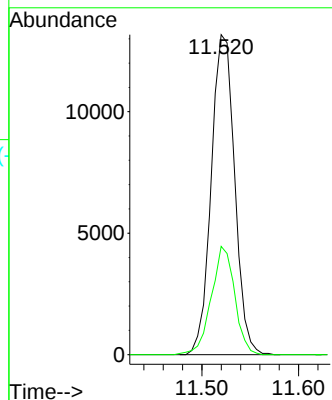
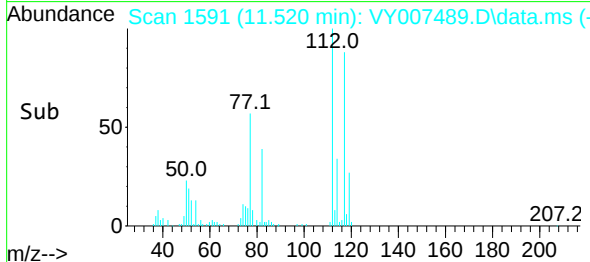
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



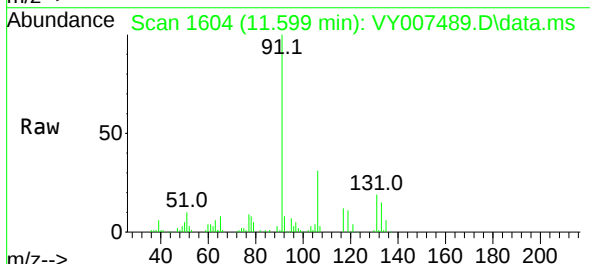
Tgt Ion:112 Resp: 2217
Ion Ratio Lower Upper
112 100
114 33.8 25.8 38.6

Manual Integrations
APPROVED

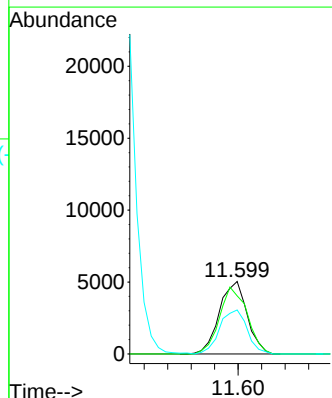
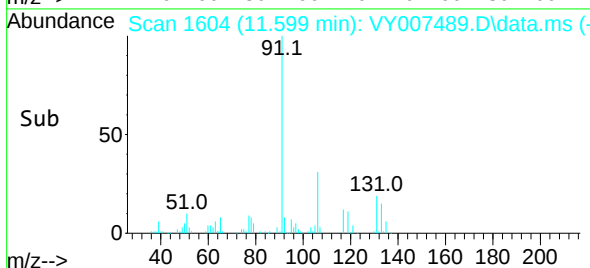
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022

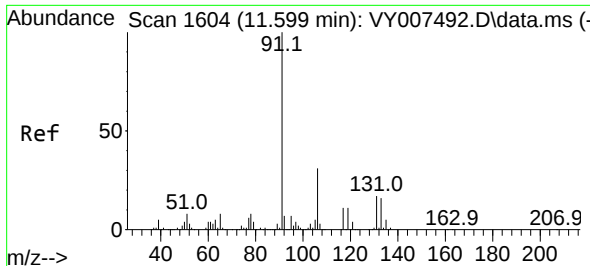


#66
1,1,1,2-Tetrachloroethane
Concen: 5.033 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY007489.D
Acq: 14 Feb 2022 10:48



Tgt Ion:131 Resp: 8267
Ion Ratio Lower Upper
131 100
133 92.4 47.9 143.6
119 60.1 30.8 92.3





#67

Ethyl Benzene

Concen: 5.032 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.006 min

Lab File: VY007489.D

Acq: 14 Feb 2022 10:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

Tgt Ion: 91 Resp: 40710

Ion Ratio Lower Upper

91 100

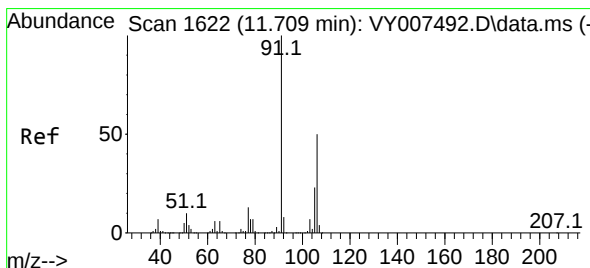
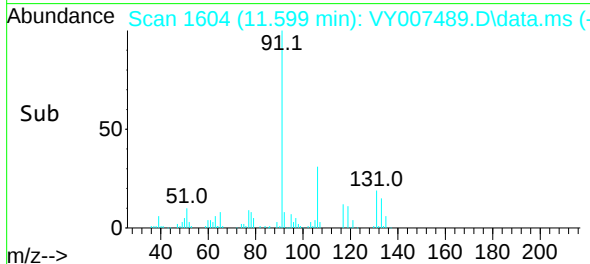
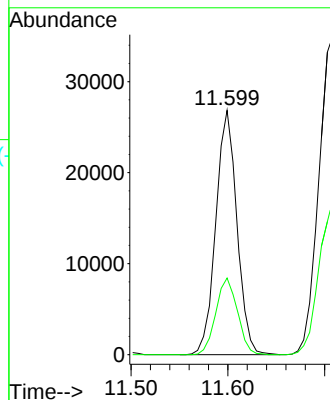
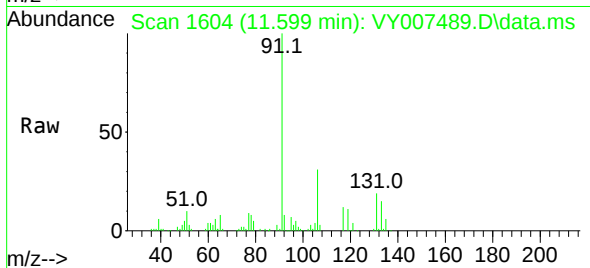
106 31.4 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/21/2022



#68

m/p-Xylenes

Concen: 10.290 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.006 min

Lab File: VY007489.D

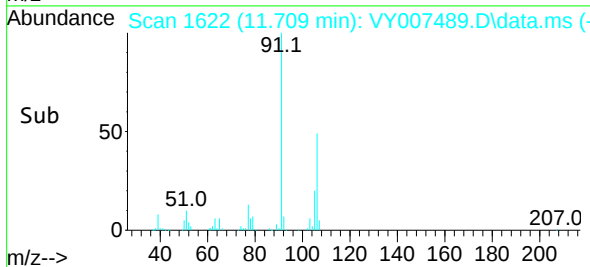
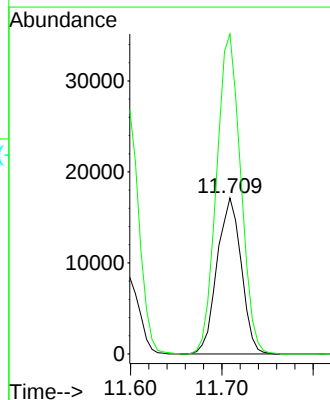
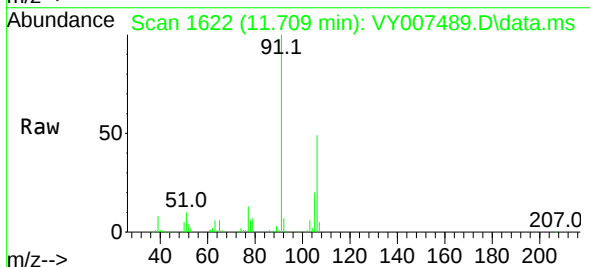
Acq: 14 Feb 2022 10:48

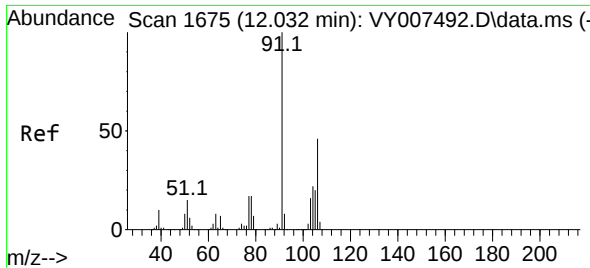
Tgt Ion:106 Resp: 31547

Ion Ratio Lower Upper

106 100

91 204.7 166.6 249.8





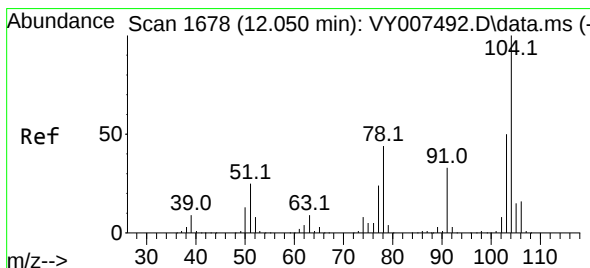
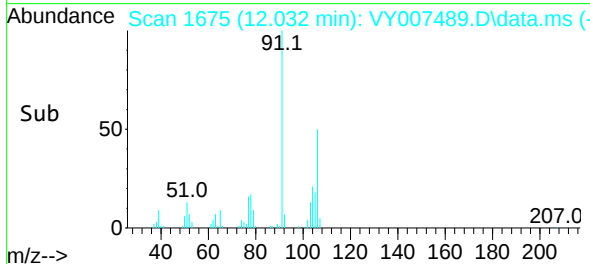
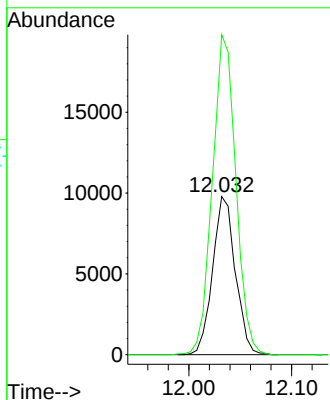
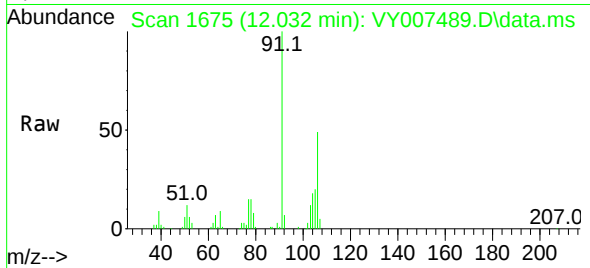
#69
o-Xylene
Concen: 5.142 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY007489.D
Acq: 14 Feb 2022 10:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 1498
Ion Ratio Lower Upper
106 100
91 209.3 110.3 331.0

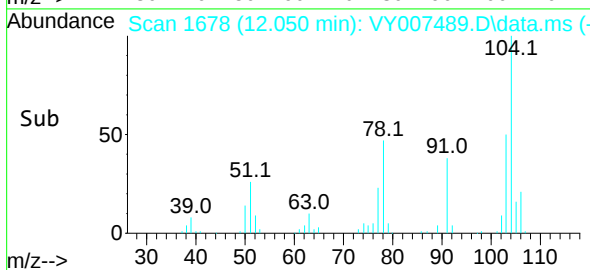
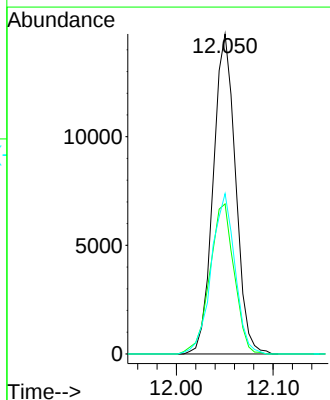
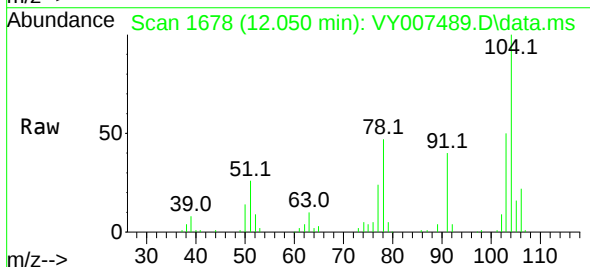
Manual Integrations
APPROVED

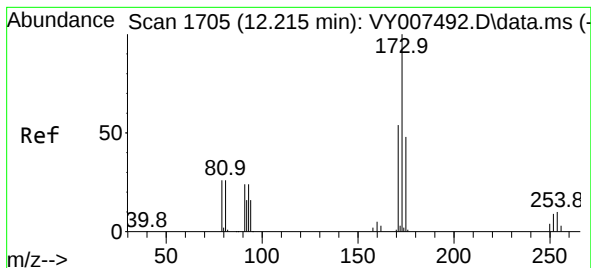
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022



#70
Styrene
Concen: 4.939 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY007489.D
Acq: 14 Feb 2022 10:48

Tgt Ion:104 Resp: 23588
Ion Ratio Lower Upper
104 100
78 51.3 42.4 63.6
103 53.1 44.4 66.6





#71

Bromoform

Concen: 4.750 ug/l

RT: 12.215 min Scan# 1705

Delta R.T. 0.006 min

Lab File: VY007489.D

Acq: 14 Feb 2022 10:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

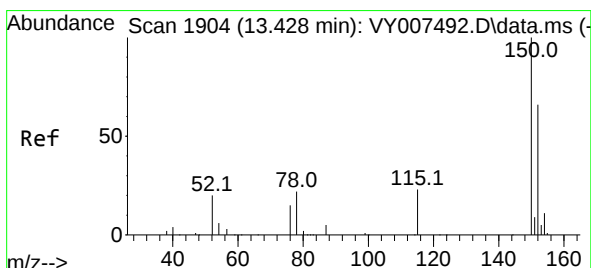
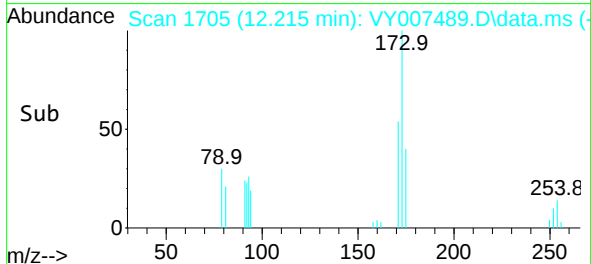
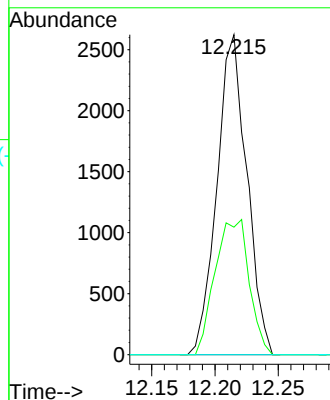
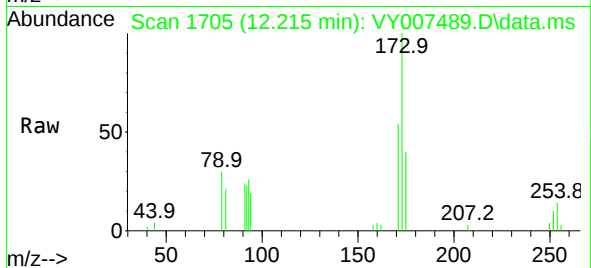
Tgt Ion:	173	Resp:	430
Ion Ratio	Lower	Upper	
173	100		
175	48.1	24.6	74.0
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/21/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

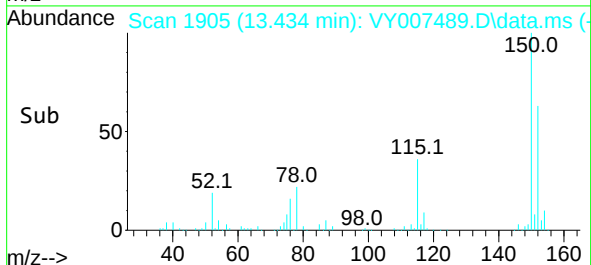
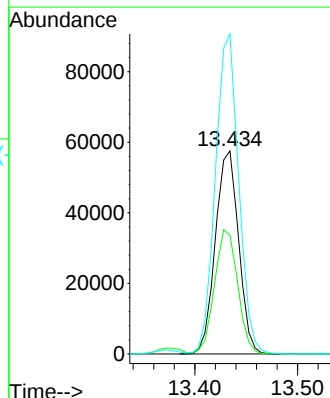
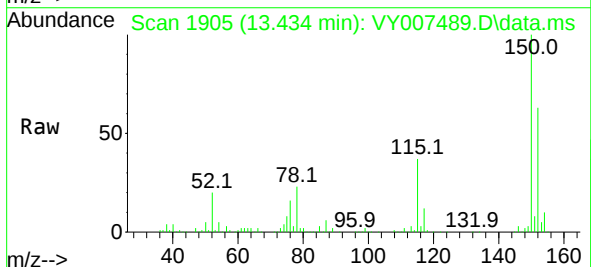
RT: 13.434 min Scan# 1905

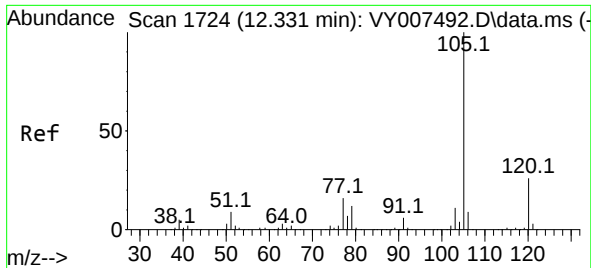
Delta R.T. 0.012 min

Lab File: VY007489.D

Acq: 14 Feb 2022 10:48

Tgt Ion:	152	Resp:	90221
Ion Ratio	Lower	Upper	
152	100		
115	61.0	28.2	84.7
150	158.0	0.0	347.6





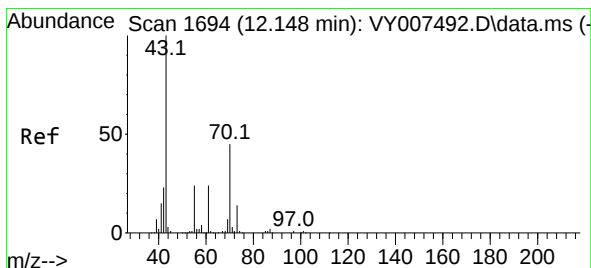
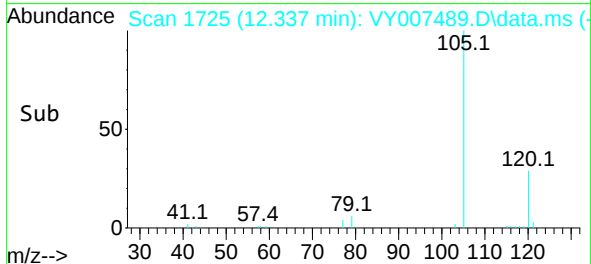
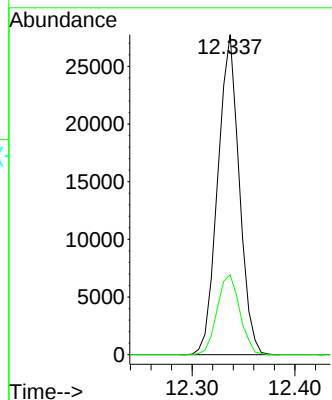
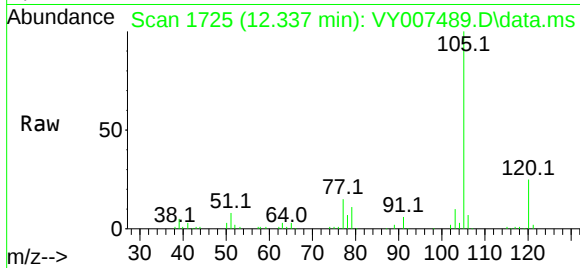
#73
Isopropylbenzene
Concen: 5.052 ug/l
RT: 12.337 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007489.D
Acq: 14 Feb 2022 10:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:105 Resp: 4023
Ion Ratio Lower Upper
105 100
120 26.3 13.4 40.2

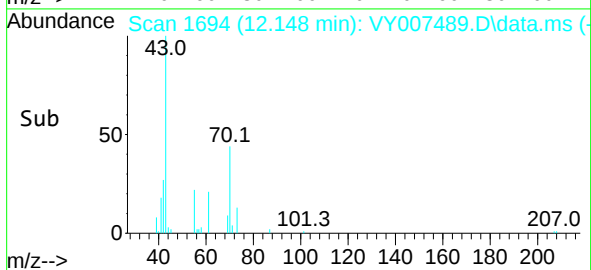
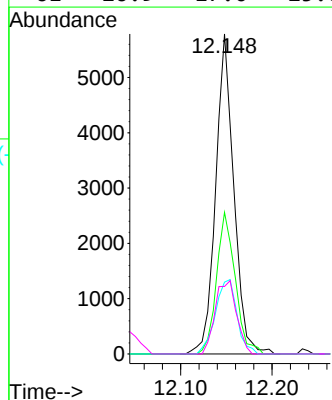
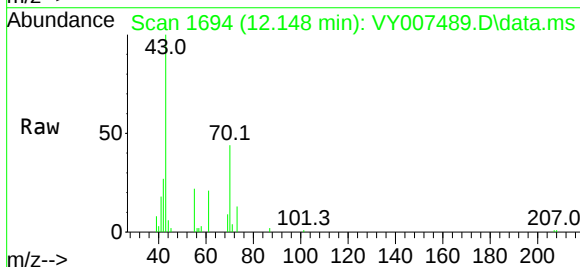
Manual Integrations
APPROVED

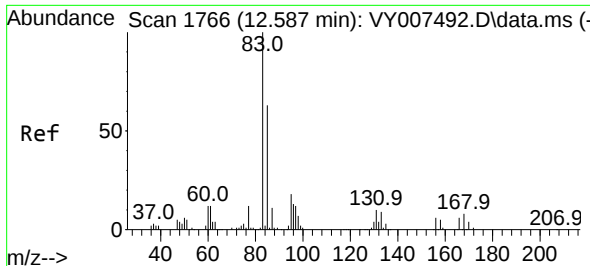
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022



#74
N-ethyl acetate
Concen: 4.479 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VY007489.D
Acq: 14 Feb 2022 10:48

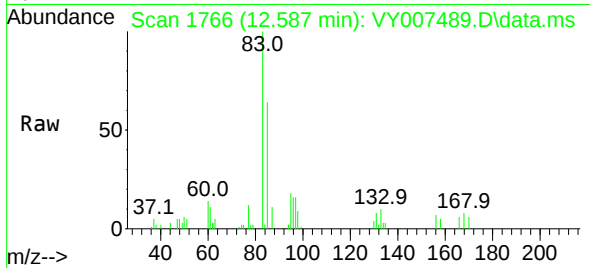
Tgt Ion: 43 Resp: 7974
Ion Ratio Lower Upper
43 100
70 45.5 28.7 43.1#
55 27.7 17.3 25.9#
61 26.9 17.0 25.6#





#75
1,1,2,2-Tetrachloroethane
Concen: 4.980 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. 0.006 min
Lab File: VY007489.D
Acq: 14 Feb 2022 10:48

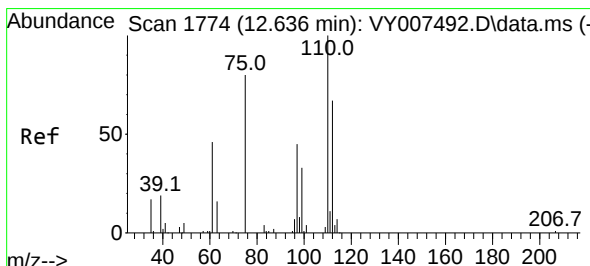
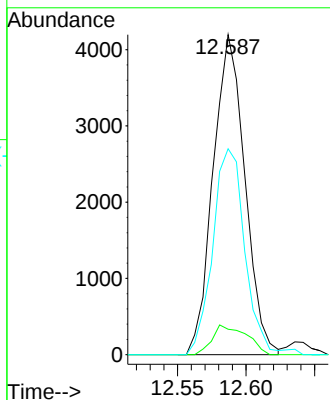
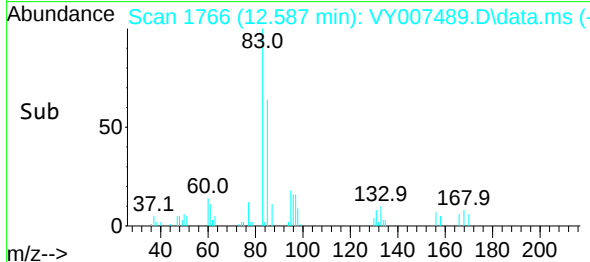
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



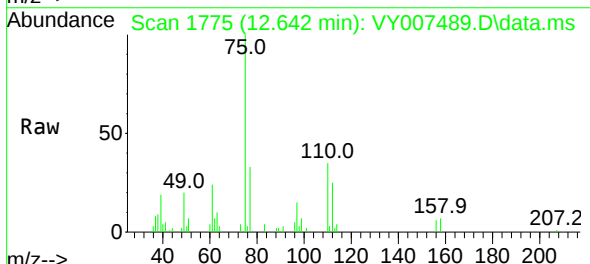
Tgt Ion: 83 Resp: 6769
Ion Ratio Lower Upper
83 100
131 10.0 5.6 16.8
85 65.2 32.3 96.8

Manual Integrations
APPROVED

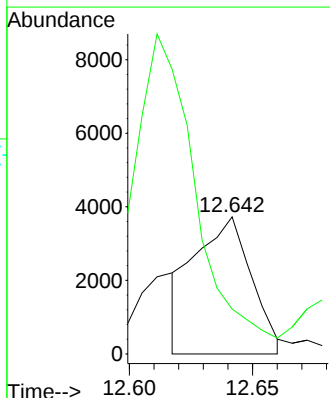
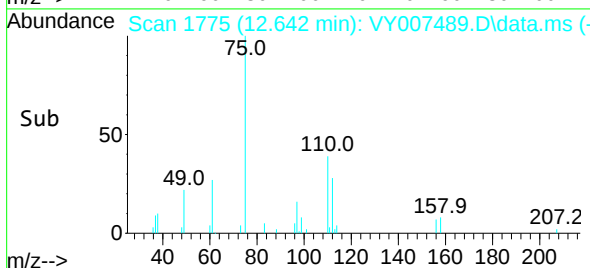
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022

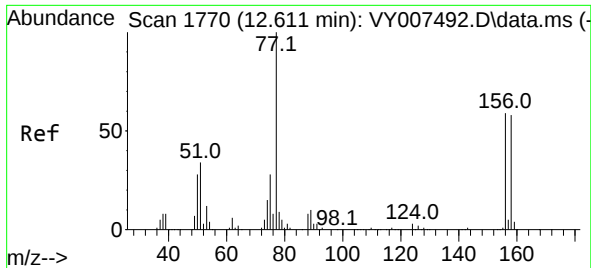


#76
1,2,3-Trichloropropane
Concen: 5.050 ug/l m
RT: 12.642 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VY007489.D
Acq: 14 Feb 2022 10:48



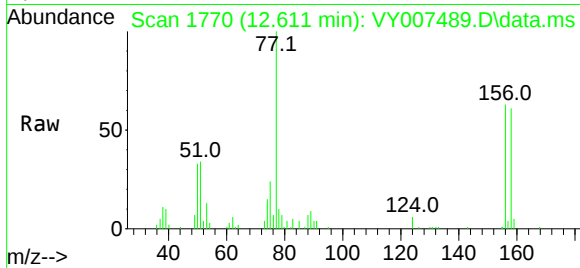
Tgt Ion: 75 Resp: 5998
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 5.132 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY007489.D
Acq: 14 Feb 2022 10:48

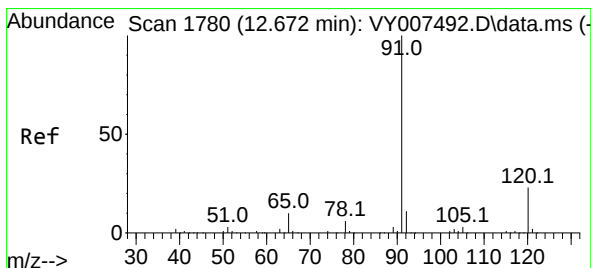
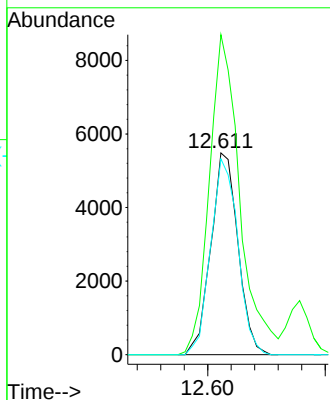
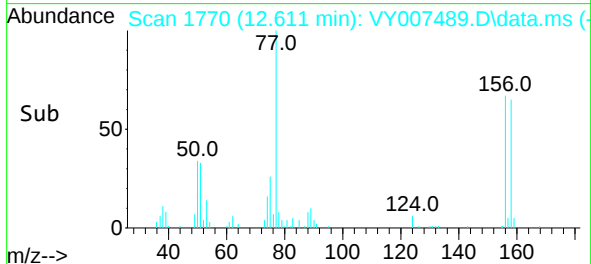
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



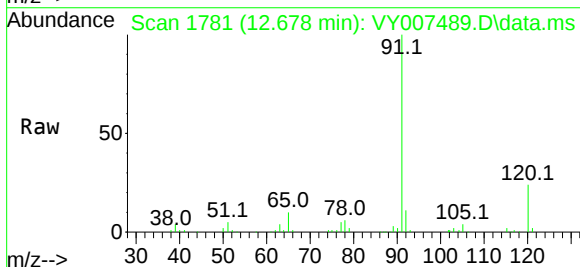
Tgt Ion: 156 Resp: 879
Ion Ratio Lower Upper
156 100
77 178.1 95.5 286.4
158 97.2 48.0 144.0

Manual Integrations
APPROVED

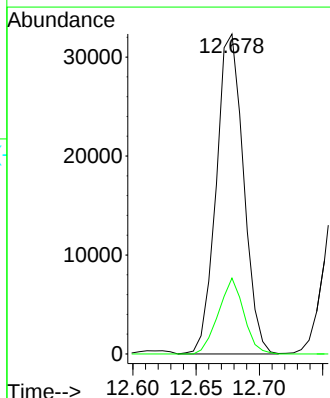
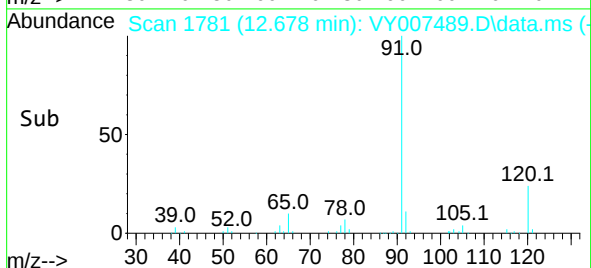
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022

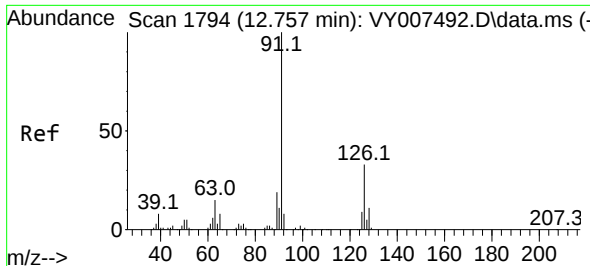


#78
n-propylbenzene
Concen: 5.075 ug/l
RT: 12.678 min Scan# 1781
Delta R.T. 0.006 min
Lab File: VY007489.D
Acq: 14 Feb 2022 10:48



Tgt Ion: 91 Resp: 48540
Ion Ratio Lower Upper
91 100
120 21.9 11.3 33.9





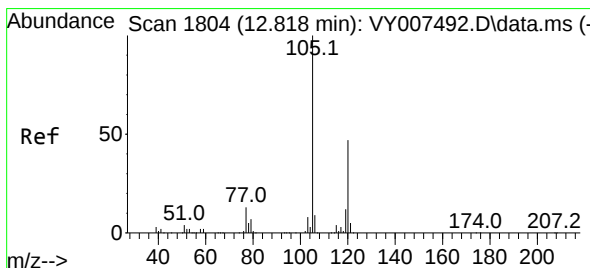
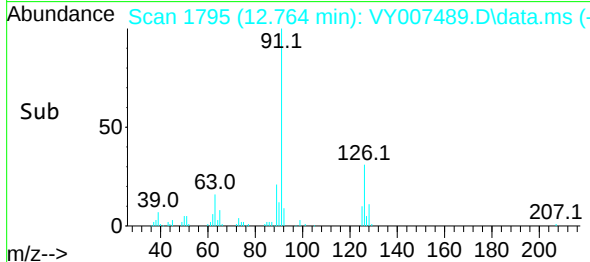
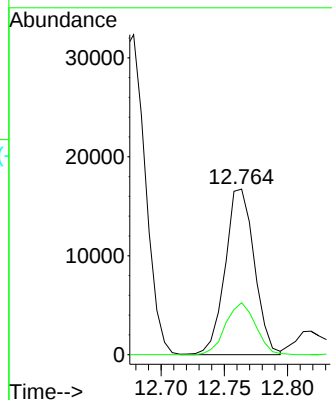
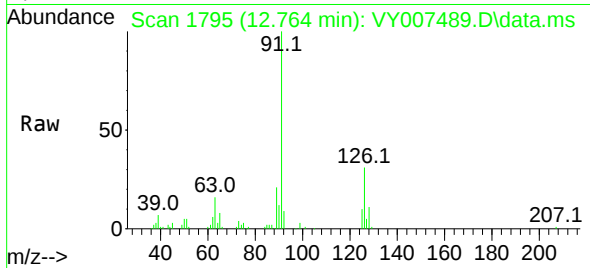
#79
2-Chlorotoluene
Concen: 5.105 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. 0.006 min
Lab File: VY007489.D
Acq: 14 Feb 2022 10:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 26950
Ion Ratio Lower Upper
91 100
126 32.1 16.9 50.6

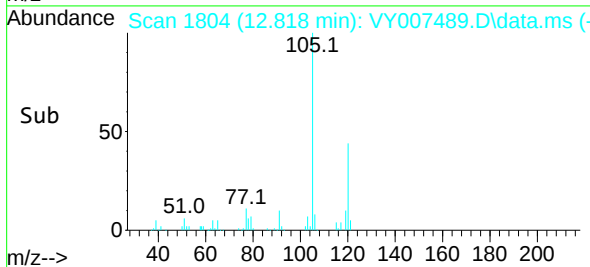
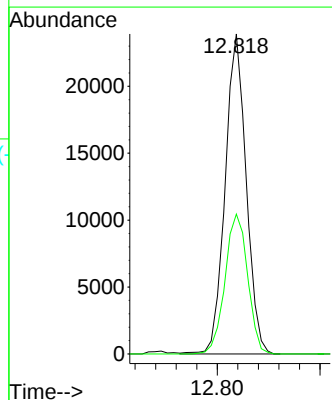
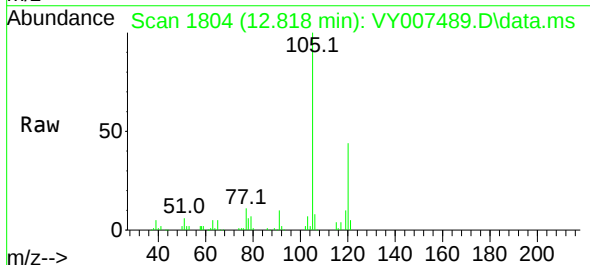
Manual Integrations
APPROVED

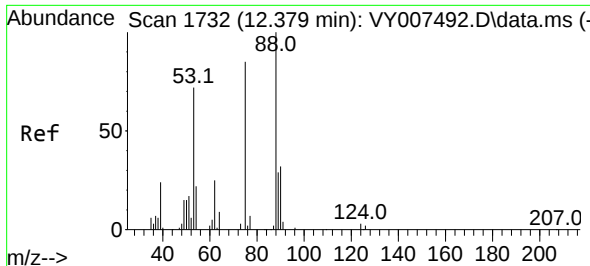
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022



#80
1,3,5-Trimethylbenzene
Concen: 5.146 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VY007489.D
Acq: 14 Feb 2022 10:48

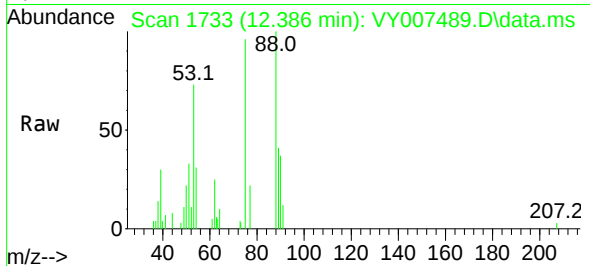
Tgt Ion:105 Resp: 33939
Ion Ratio Lower Upper
105 100
120 47.0 24.4 73.4





#81
trans-1,4-Dichloro-2-butene
Concen: 4.664 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.006 min
Lab File: VY007489.D
Acq: 14 Feb 2022 10:48

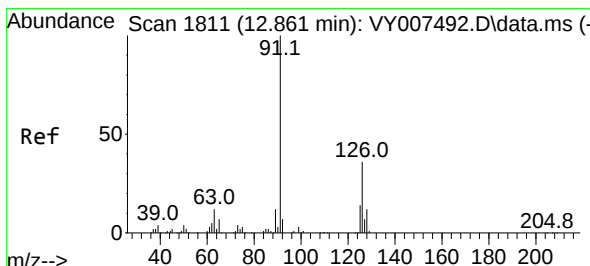
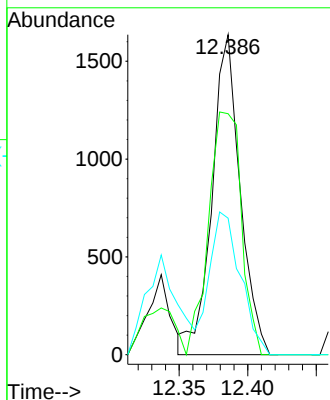
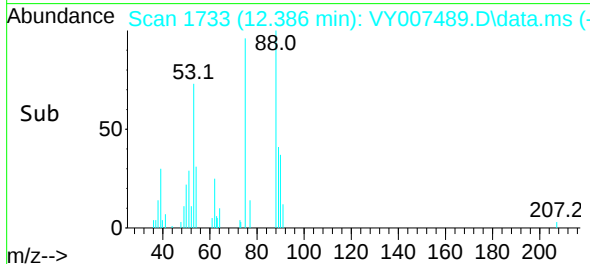
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 2330
Ion Ratio Lower Upper
75 100
53 88.3 85.3 127.9
89 49.1 37.0 55.4

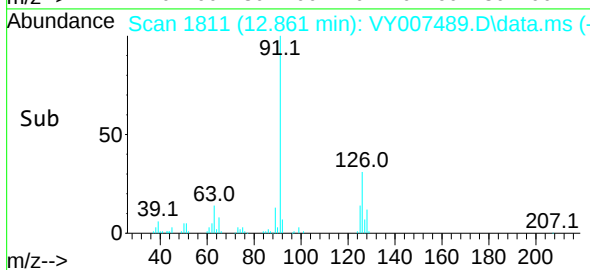
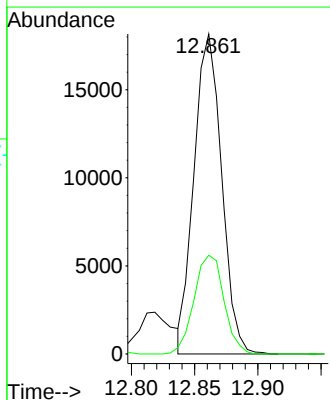
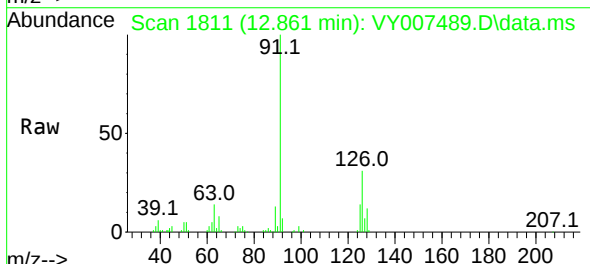
Manual Integrations
APPROVED

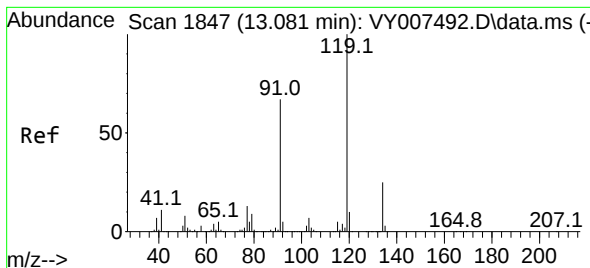
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022



#82
4-Chlorotoluene
Concen: 5.084 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY007489.D
Acq: 14 Feb 2022 10:48

Tgt Ion: 91 Resp: 27582
Ion Ratio Lower Upper
91 100
126 33.4 17.0 51.0





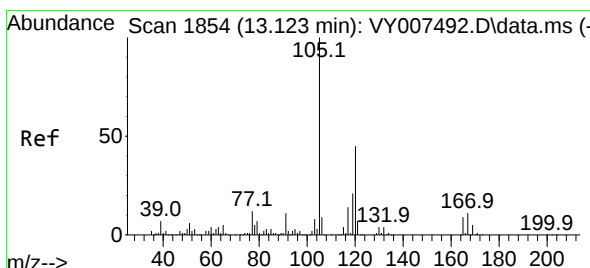
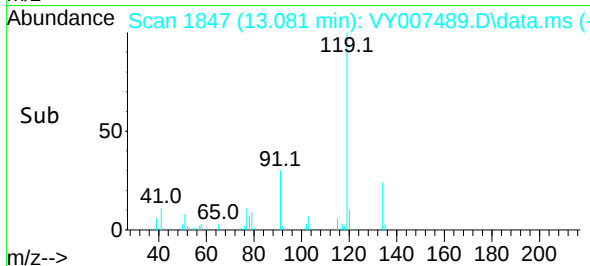
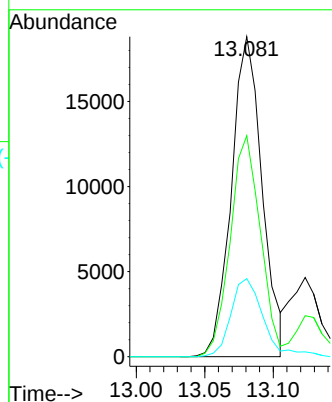
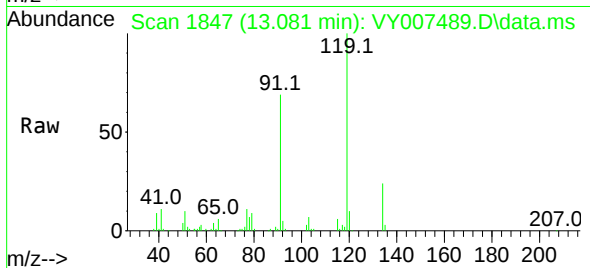
#83
tert-Butylbenzene
Concen: 5.094 ug/l
RT: 13.081 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VY007489.D
Acq: 14 Feb 2022 10:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:119 Resp: 2938
Ion Ratio Lower Upper
119 100
91 67.6 34.8 104.4
134 25.7 13.3 39.9

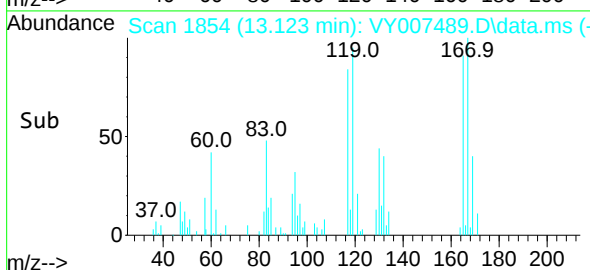
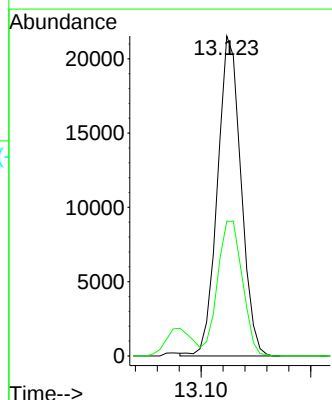
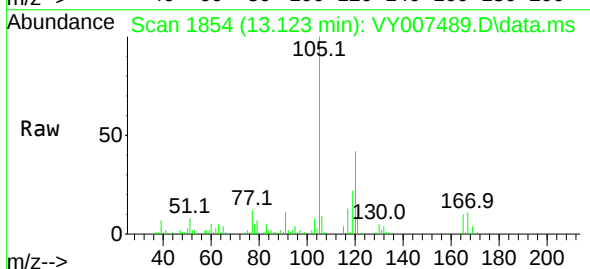
Manual Integrations
APPROVED

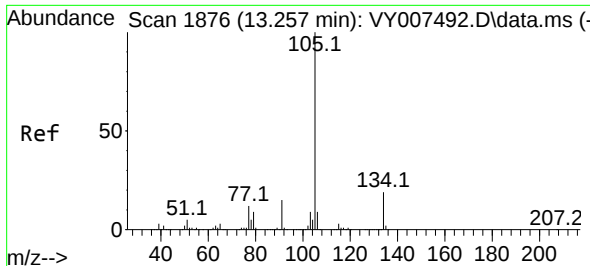
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022



#84
1,2,4-Trimethylbenzene
Concen: 5.038 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY007489.D
Acq: 14 Feb 2022 10:48

Tgt Ion:105 Resp: 32122
Ion Ratio Lower Upper
105 100
120 44.5 22.3 66.9





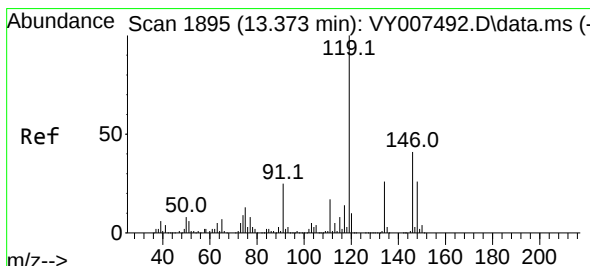
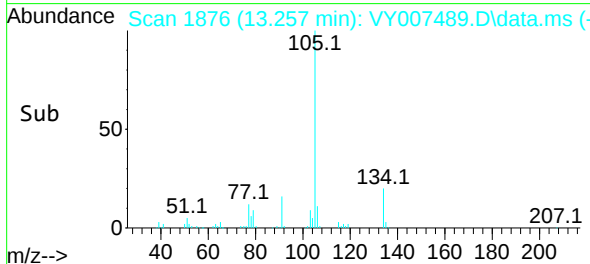
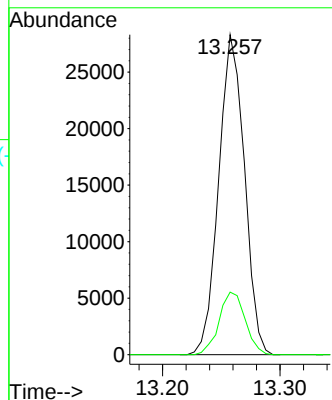
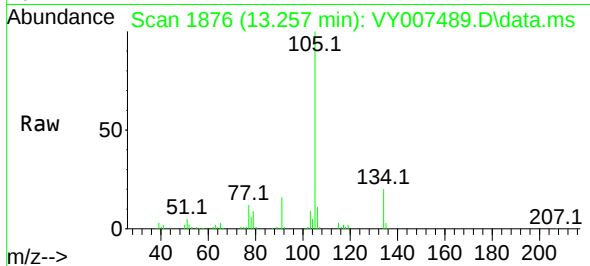
#85
 sec-Butylbenzene
 Concen: 5.078 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. 0.006 min
 Lab File: VY007489.D
 Acq: 14 Feb 2022 10:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 43110
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.2 30.4

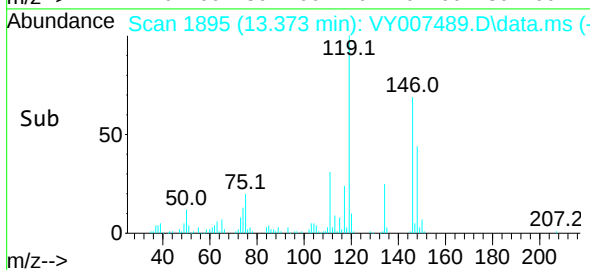
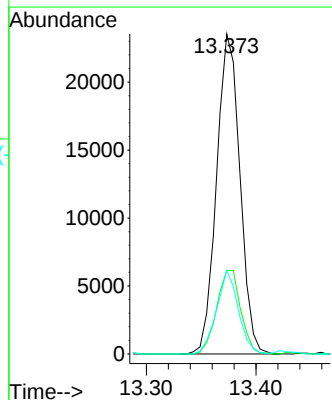
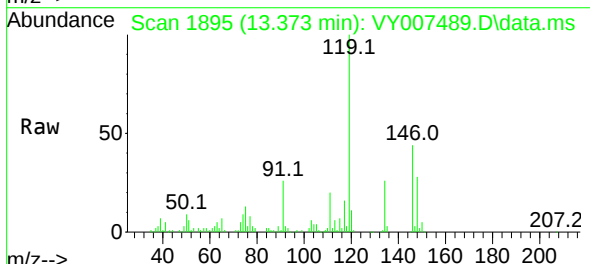
Manual Integrations
 APPROVED

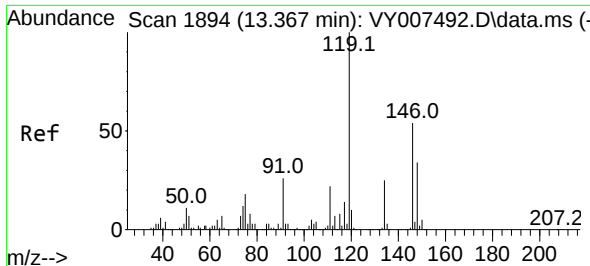
Reviewed By :John Carlone 02/15/2022
 Supervised By :Mahesh Dadoda 02/21/2022



#86
 p-Isopropyltoluene
 Concen: 4.983 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY007489.D
 Acq: 14 Feb 2022 10:48

Tgt Ion:119 Resp: 34887
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.2 39.5
 91 24.3 12.4 37.2





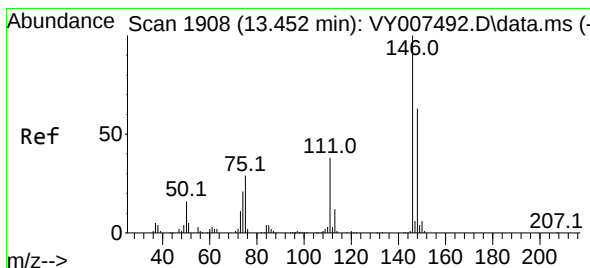
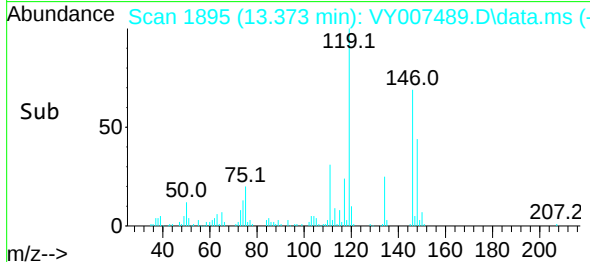
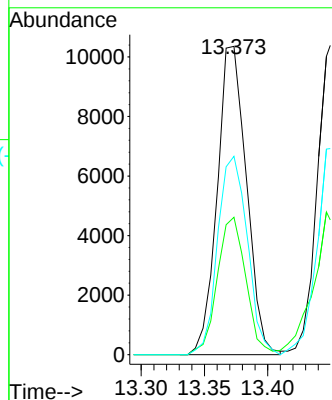
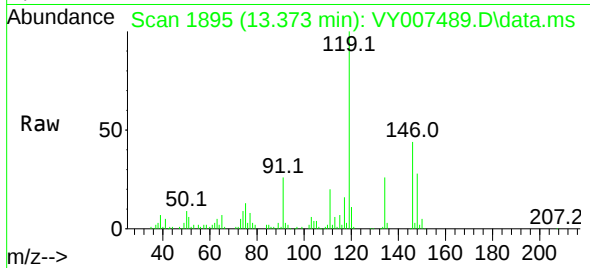
#87
1,3-Dichlorobenzene
Concen: 5.001 ug/l
RT: 13.373 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VY007489.D
Acq: 14 Feb 2022 10:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 1667
Ion Ratio Lower Upper
146 100
111 43.4 19.5 58.5
148 65.3 31.6 95.0

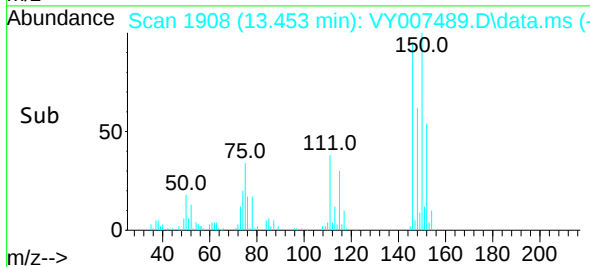
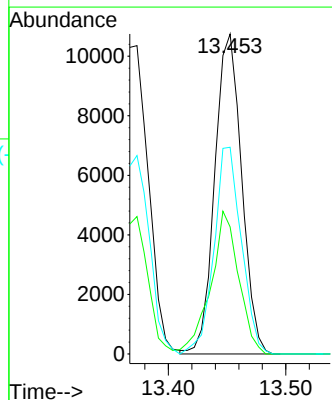
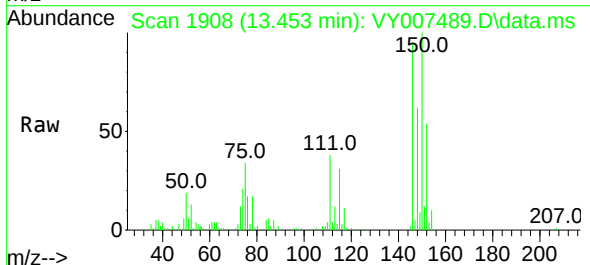
Manual Integrations
APPROVED

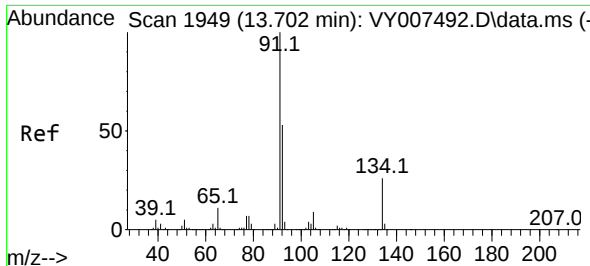
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022



#88
1,4-Dichlorobenzene
Concen: 5.169 ug/l
RT: 13.453 min Scan# 1908
Delta R.T. 0.007 min
Lab File: VY007489.D
Acq: 14 Feb 2022 10:48

Tgt Ion:146 Resp: 17099
Ion Ratio Lower Upper
146 100
111 46.6 19.3 57.8
148 65.9 32.6 97.8





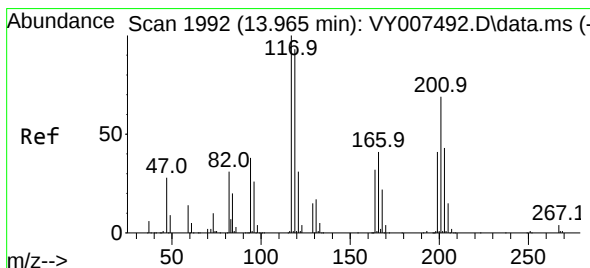
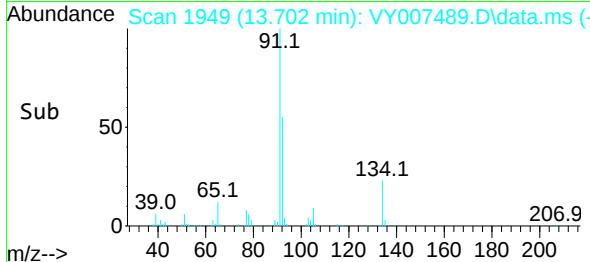
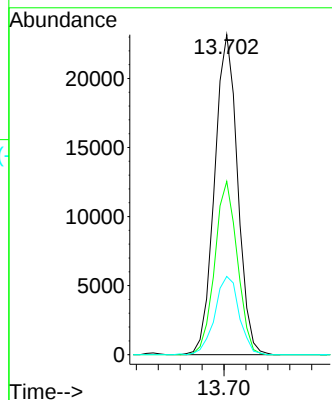
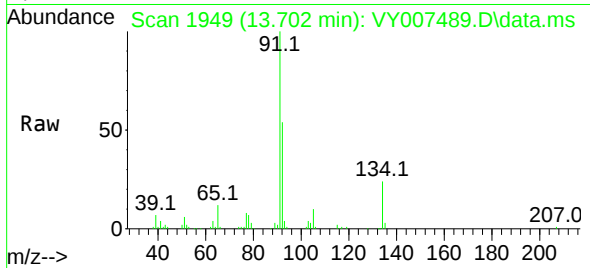
#89
n-Butylbenzene
Concen: 5.069 ug/l
RT: 13.702 min Scan# 1949
Delta R.T. 0.006 min
Lab File: VY007489.D
Acq: 14 Feb 2022 10:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 3380
Ion Ratio Lower Upper
91 100
92 53.2 26.3 78.9
134 25.8 13.0 38.9

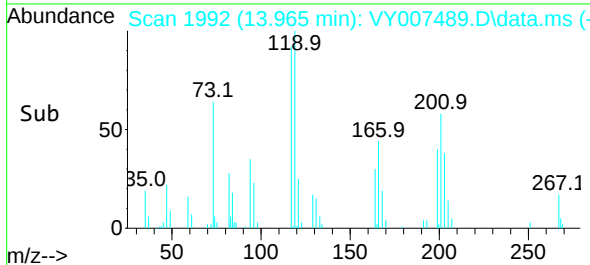
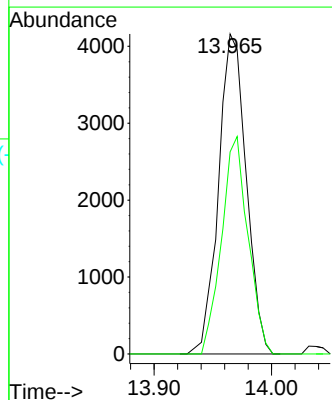
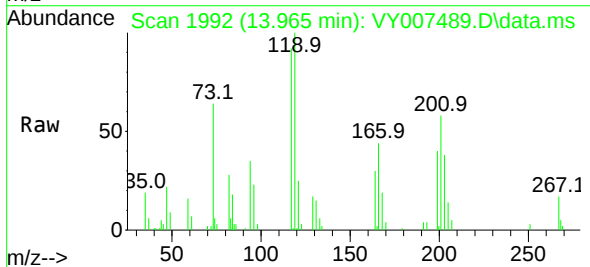
Manual Integrations
APPROVED

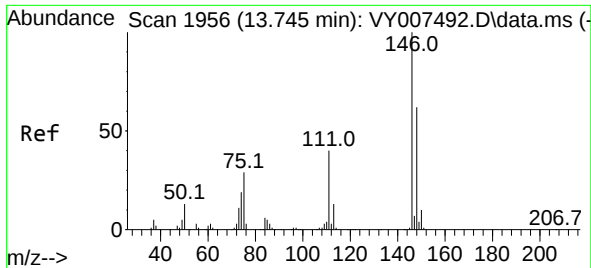
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022



#90
Hexachloroethane
Concen: 5.109 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY007489.D
Acq: 14 Feb 2022 10:48

Tgt Ion:117 Resp: 6830
Ion Ratio Lower Upper
117 100
201 64.9 43.0 128.8





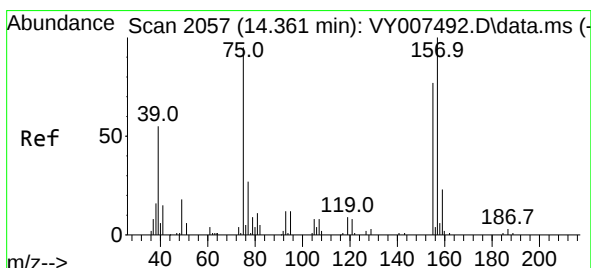
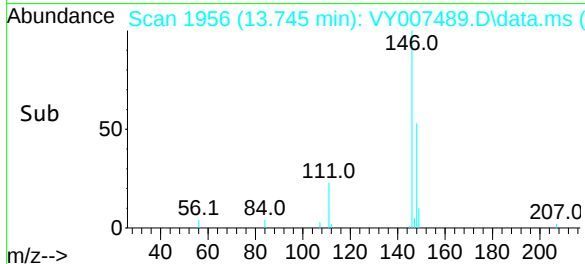
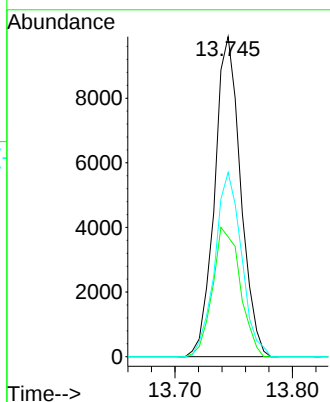
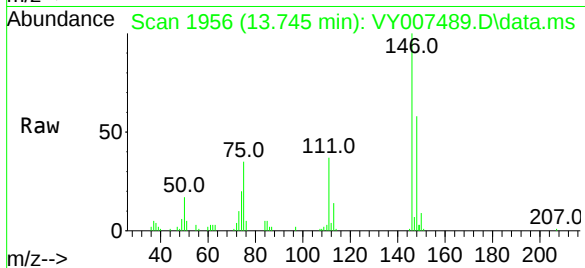
#91
1,2-Dichlorobenzene
Concen: 5.183 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. 0.006 min
Lab File: VY007489.D
Acq: 14 Feb 2022 10:48

Instrument : MSVOA_Y
ClientSampleId : VSTDIC005

Tgt Ion: 146 Resp: 1523
Ion Ratio Lower Upper
146 100
111 42.9 20.3 60.9
148 58.9 32.3 96.9

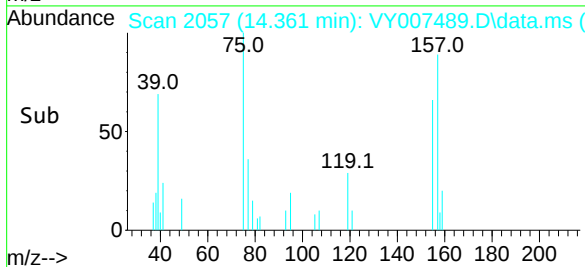
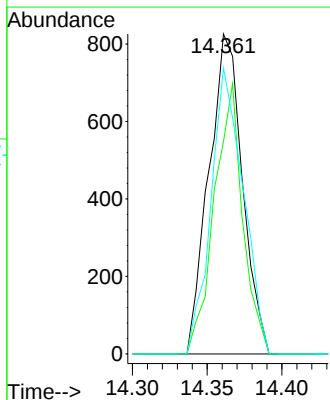
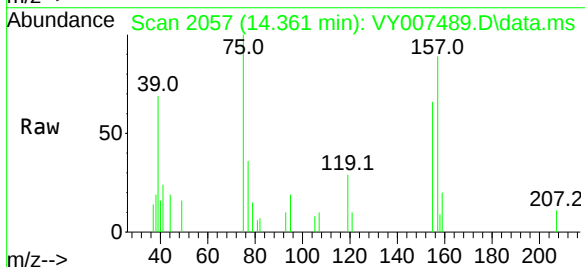
Manual Integrations
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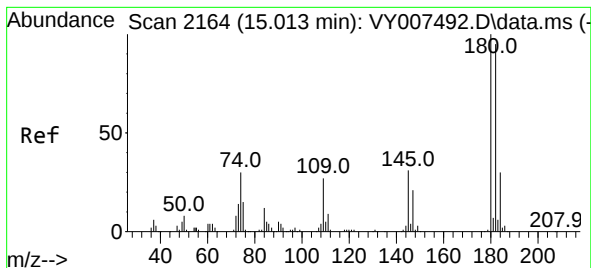
Reviewed By : John Carlone 02/15/2022
Supervised By : Mahesh Dadoda 02/21/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.567 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY007489.D
Acq: 14 Feb 2022 10:48

Tgt Ion: 75 Resp: 1288
Ion Ratio Lower Upper
75 100
155 71.4 38.0 113.9
157 86.0 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 4.888 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.012 min

Lab File: VY007489.D

Acq: 14 Feb 2022 10:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

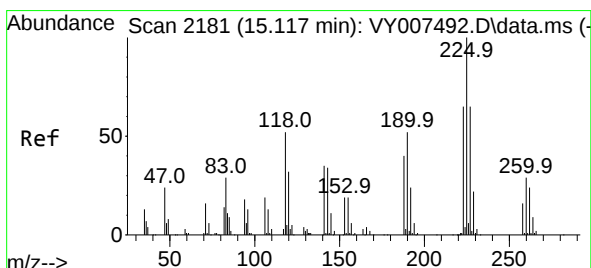
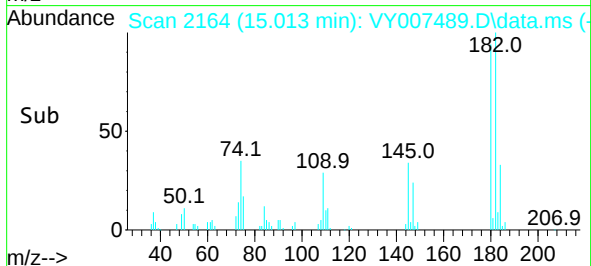
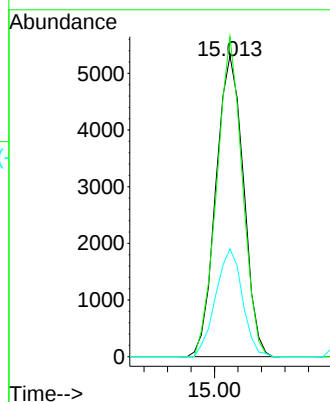
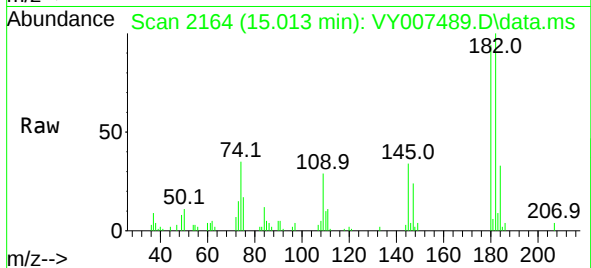
Tgt Ion:	180	Resp:	8650
Ion Ratio	Lower	Upper	
180	100		
182	98.3	47.3	141.9
145	34.8	14.6	43.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/21/2022



#94

Hexachlorobutadiene

Concen: 5.172 ug/l

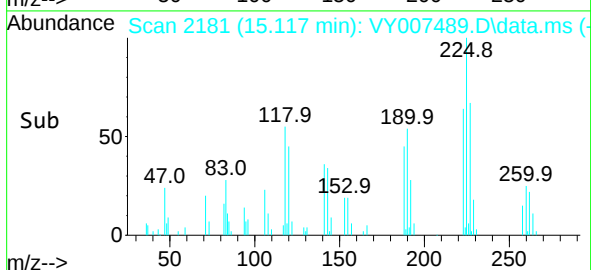
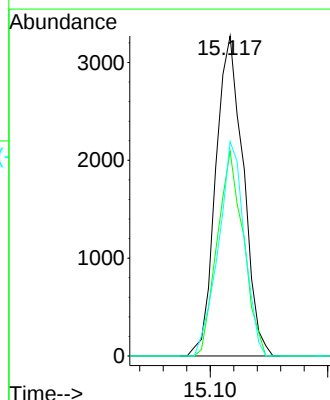
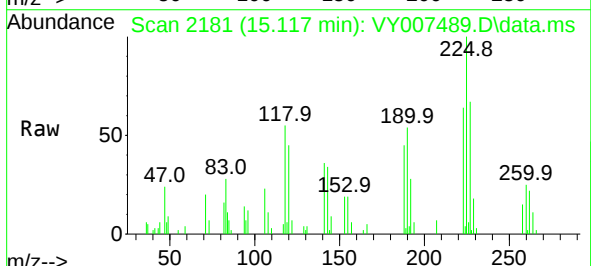
RT: 15.117 min Scan# 2181

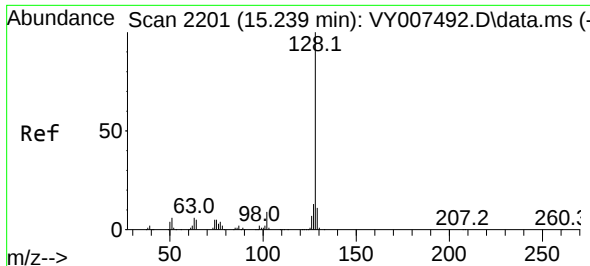
Delta R.T. 0.006 min

Lab File: VY007489.D

Acq: 14 Feb 2022 10:48

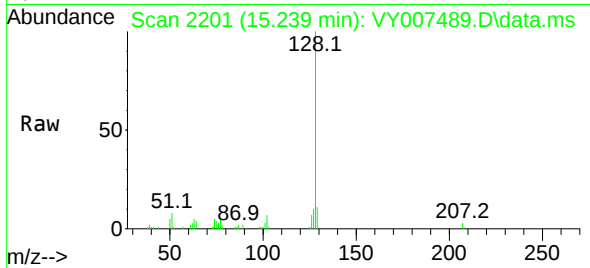
Tgt Ion:	225	Resp:	5321
Ion Ratio	Lower	Upper	
225	100		
223	60.9	30.8	92.3
227	63.1	31.6	94.7





#95
Naphthalene
Concen: 5.264 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY007489.D
Acq: 14 Feb 2022 10:48

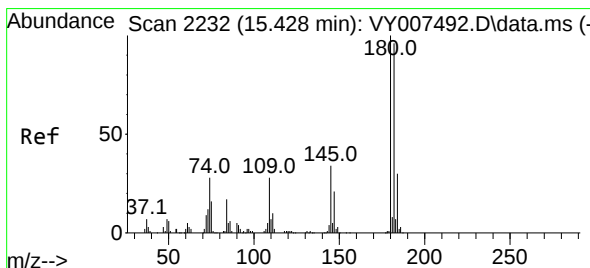
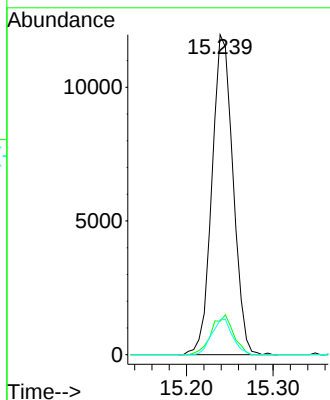
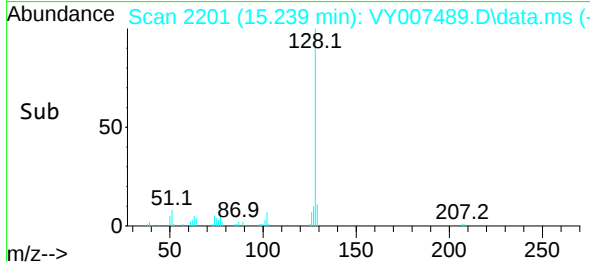
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



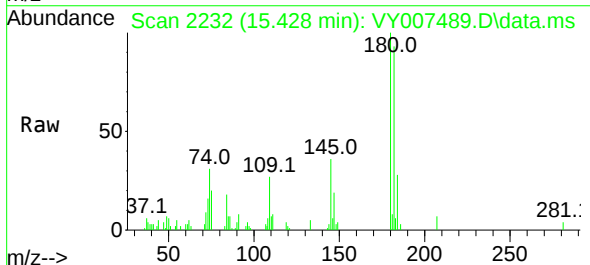
Tgt Ion:128 Resp: 2023
Ion Ratio Lower Upper
128 100
127 13.0 11.0 16.4
129 11.0 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carbone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022



#96
1,2,3-Trichlorobenzene
Concen: 4.986 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.006 min
Lab File: VY007489.D
Acq: 14 Feb 2022 10:48



Tgt Ion:180 Resp: 7624
Ion Ratio Lower Upper
180 100
182 95.4 47.3 141.9
145 38.2 15.3 45.9

