

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060722\
 Data File : VY009163.D
 Acq On : 07 Jun 2022 14:43
 Operator : KP/MD
 Sample : VY0607SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0607SBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/08/2022
 Supervised By : Mahesh Dadoda 06/08/2022

Quant Time: Jun 07 14:57:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	120253	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	194079	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	184119	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	96916	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	54887	44.349	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	88.700%		
35) Dibromofluoromethane	7.710	113	60805	50.383	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.760%		
50) Toluene-d8	10.173	98	182063	40.892	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	81.780%		
62) 4-Bromofluorobenzene	12.483	95	87873	48.927	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	97.860%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	20410	18.557	ug/l	96
3) Chloromethane	2.107	50	36612	23.236	ug/l	96
4) Vinyl Chloride	2.247	62	57788	24.755	ug/l	98
5) Bromomethane	2.625	94	56149	24.537	ug/l	97
6) Chloroethane	2.778	64	43690	26.418	ug/l	95
7) Trichlorofluoromethane	3.107	101	43296	21.840	ug/l	97
8) Diethyl Ether	3.521	74	12602	20.329	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.887	101	23742	19.486	ug/l	96
10) Methyl Iodide	4.076	142	24952	19.832	ug/l	91
11) Tert butyl alcohol	4.948	59	13116	104.480	ug/l #	90
12) 1,1-Dichloroethene	3.863	96	22567	19.952	ug/l	82
13) Acrolein	3.723	56	4001	96.827	ug/l	97
14) Allyl chloride	4.466	41	32444	19.034	ug/l #	85
15) Acrylonitrile	5.155	53	33171	95.572	ug/l	99
16) Acetone	3.942	43	27326	106.071	ug/l	93
17) Carbon Disulfide	4.180	76	65596	17.752	ug/l	99
18) Methyl Acetate	4.466	43	17207	21.449	ug/l #	88
19) Methyl tert-butyl Ether	5.216	73	65082	19.170	ug/l #	90
20) Methylene Chloride	4.704	84	31981	16.877	ug/l	82
21) trans-1,2-Dichloroethene	5.204	96	27190	18.729	ug/l	85
22) Diisopropyl ether	6.112	45	77666	18.965	ug/l #	95
23) Vinyl Acetate	6.051	43	245100	90.481	ug/l #	90
24) 1,1-Dichloroethane	6.009	63	46801	19.107	ug/l	97
25) 2-Butanone	6.978	43	43474	94.480	ug/l #	80
26) 2,2-Dichloropropane	6.972	77	45064	19.973	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	30657	18.733	ug/l	90
28) Bromochloromethane	7.326	49	15488	18.422	ug/l #	90
29) Tetrahydrofuran	7.344	42	28733	91.927	ug/l #	86
30) Chloroform	7.496	83	50839	19.228	ug/l	98
31) Cyclohexane	7.777	56	42045	17.365	ug/l	89
32) 1,1,1-Trichloroethane	7.691	97	46171	19.248	ug/l	98
36) 1,1-Dichloropropene	7.911	75	38673	18.830	ug/l	99
37) Ethyl Acetate	7.064	43	20640	19.373	ug/l	96
38) Carbon Tetrachloride	7.893	117	40338	18.775	ug/l	97
39) Methylcyclohexane	9.179	83	46343	17.481	ug/l	89
40) Benzene	8.155	78	113048	19.088	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	9504m	17.287	ug/l	
42) 1,2-Dichloroethane	8.234	62	33219	19.101	ug/l	91
43) Isopropyl Acetate	8.271	43	37672	19.017	ug/l #	88
44) Trichloroethene	8.935	130	29803	19.005	ug/l	99
45) 1,2-Dichloropropane	9.209	63	27288	19.189	ug/l	99
46) Dibromomethane	9.301	93	16593	18.350	ug/l	92
47) Bromodichloromethane	9.490	83	40521	19.608	ug/l	96
48) Methyl methacrylate	9.289	41	16063	18.159	ug/l #	81
49) 1,4-Dioxane	9.289	88	4399	363.924	ug/l	90
51) 4-Methyl-2-Pentanone	10.069	43	102534	93.523	ug/l	93
52) Toluene	10.240	92	74147	17.915	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	40458	18.436	ug/l	95
54) cis-1,3-Dichloropropene	9.923	75	45066	19.102	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	23349	18.457	ug/l	98
56) Ethyl methacrylate	10.508	69	28344	17.524	ug/l	90
57) 1,3-Dichloropropane	10.788	76	39193	18.992	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	55599	79.457	ug/l	93
59) 2-Hexanone	10.831	43	69775	92.954	ug/l	91
60) Dibromochloromethane	10.984	129	27894	18.189	ug/l	100
61) 1,2-Dibromoethane	11.087	107	22204	17.712	ug/l	97
64) Tetrachloroethene	10.715	164	26009	19.408	ug/l	98
65) Chlorobenzene	11.514	112	79196	18.740	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.587	131	28998	18.740	ug/l	97
67) Ethyl Benzene	11.593	91	141728	18.610	ug/l	98
68) m/p-Xylenes	11.703	106	111928	36.204	ug/l	91
69) o-Xylene	12.026	106	52552	18.305	ug/l	89
70) Styrene	12.044	104	88011	17.826	ug/l	94
71) Bromoform	12.209	173	17080	16.651	ug/l #	99
73) Isopropylbenzene	12.331	105	137476	18.970	ug/l	100
74) N-amyl acetate	12.142	43	34282	20.504	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	28602	19.160	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	20836m	20.020	ug/l	
77) Bromobenzene	12.611	156	32608	19.411	ug/l	93
78) n-propylbenzene	12.672	91	172997	20.662	ug/l	100
79) 2-Chlorotoluene	12.758	91	93703	19.402	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	115803	19.065	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	9915	19.554	ug/l	88
82) 4-Chlorotoluene	12.855	91	102286	19.802	ug/l	98
83) tert-Butylbenzene	13.075	119	101403	18.817	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	118363	19.630	ug/l	98
85) sec-Butylbenzene	13.251	105	162121	19.663	ug/l	99
86) p-Isopropyltoluene	13.367	119	134168	19.514	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	69213	19.315	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	67987	18.884	ug/l	100
89) n-Butylbenzene	13.696	91	130288	20.713	ug/l	98
90) Hexachloroethane	13.959	117	26152	20.297	ug/l	81
91) 1,2-Dichlorobenzene	13.739	146	61051	19.300	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4428	19.106	ug/l	81
93) 1,2,4-Trichlorobenzene	15.007	180	32557	18.754	ug/l	97
94) Hexachlorobutadiene	15.111	225	19202	20.294	ug/l	99
95) Naphthalene	15.239	128	64521	18.501	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	29087	19.281	ug/l	99

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

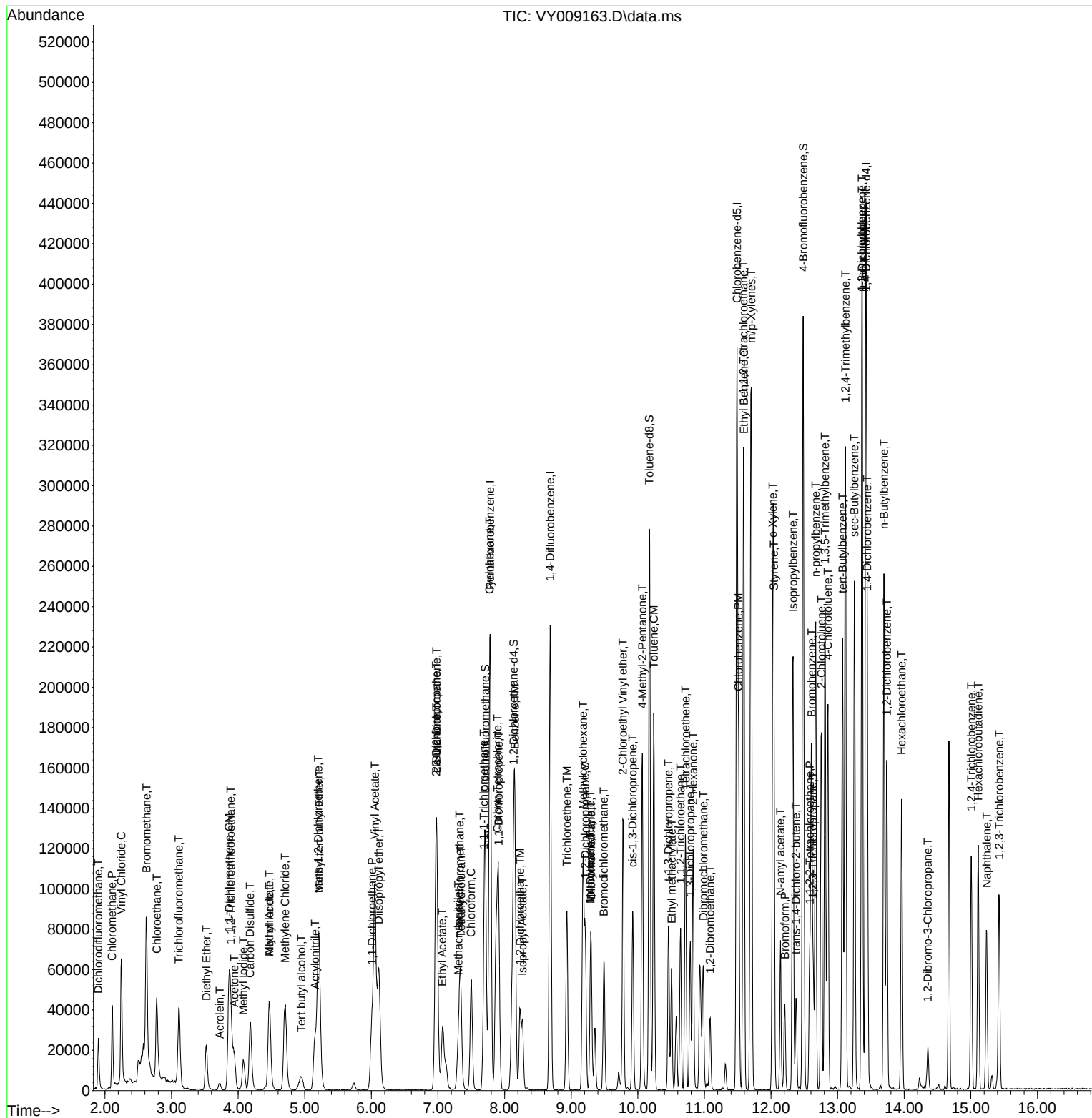
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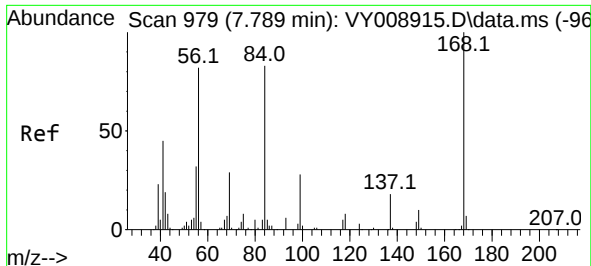
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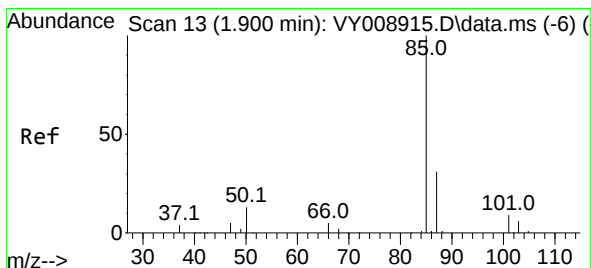
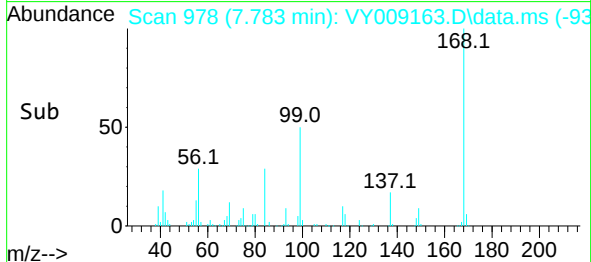
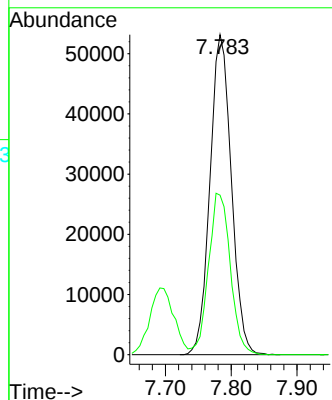
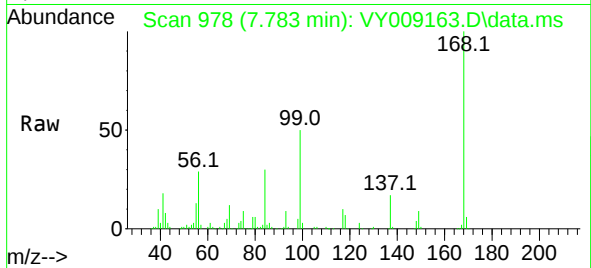
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009163.D
Acq: 07 Jun 2022 14:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0607SBS02

Tgt Ion:168 Resp: 12025
Ion Ratio Lower Upper
168 100
99 49.8 46.9 70.3

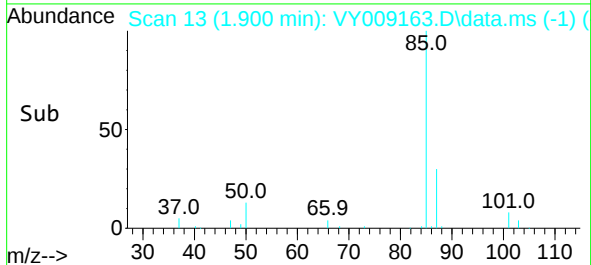
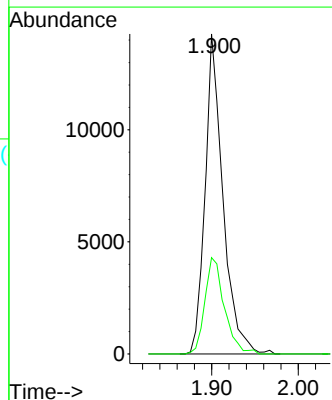
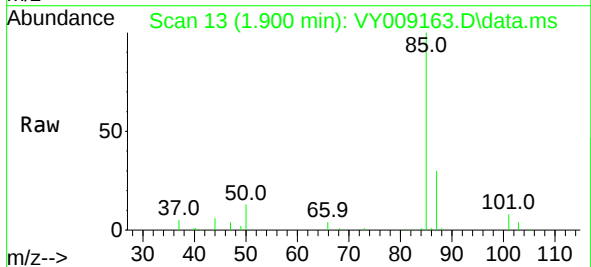
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#2
Dichlorodifluoromethane
Concen: 18.557 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009163.D
Acq: 07 Jun 2022 14:43

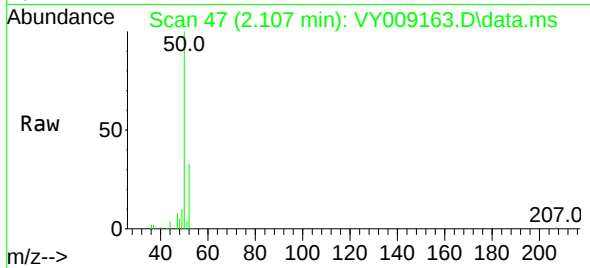
Tgt Ion: 85 Resp: 20410
Ion Ratio Lower Upper
85 100
87 30.1 16.1 48.2





#3
Chloromethane
Concen: 23.236 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY009163.D
Acq: 07 Jun 2022 14:43

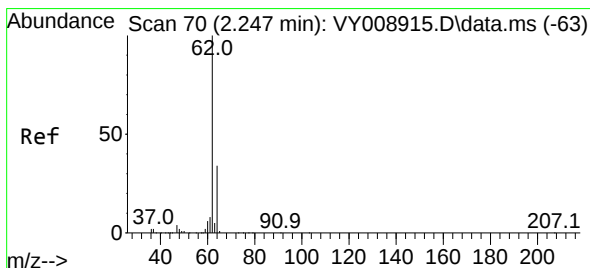
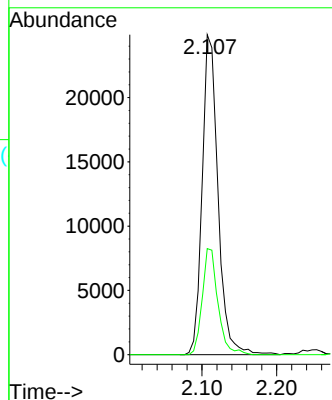
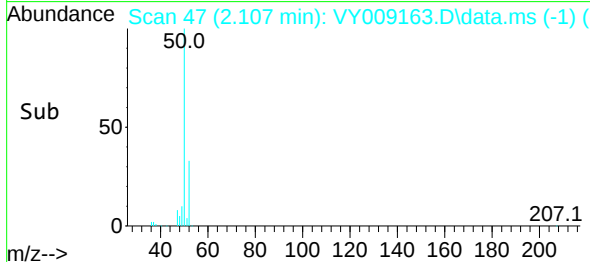
Instrument :
MSVOA_Y
ClientSampleId :
VY0607SBS02



Tgt Ion: 50 Resp: 3661
Ion Ratio Lower Upper
50 100
52 33.2 24.6 37.0

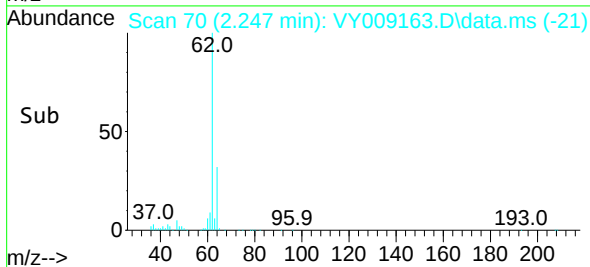
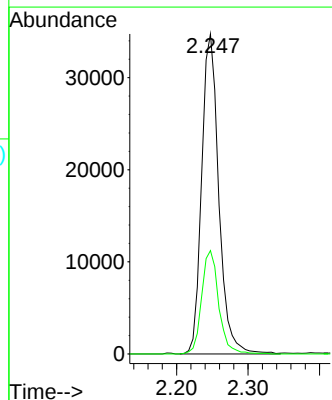
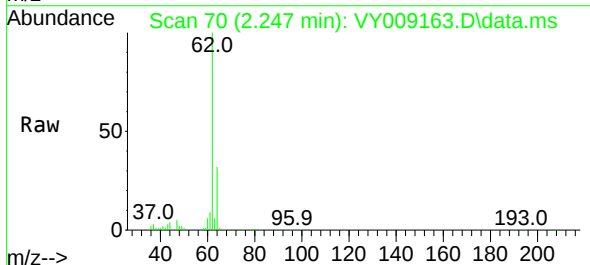
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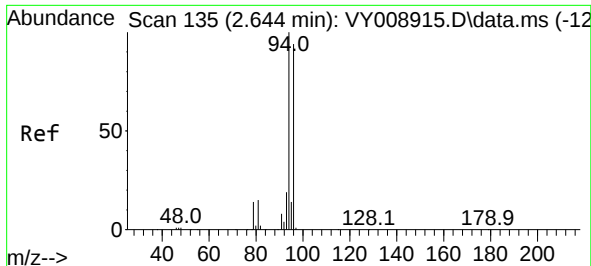
Reviewed By :John Carlone 06/08/2022
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#4
Vinyl Chloride
Concen: 24.755 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY009163.D
Acq: 07 Jun 2022 14:43

Tgt Ion: 62 Resp: 57788
Ion Ratio Lower Upper
62 100
64 32.3 25.0 37.6





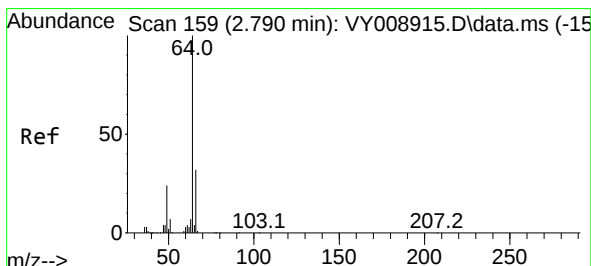
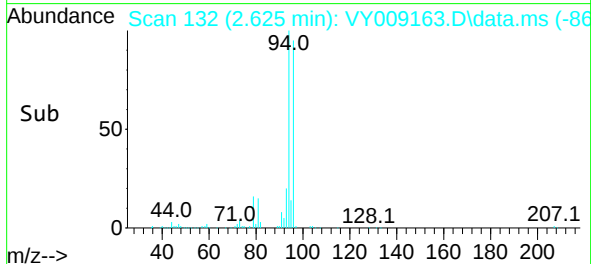
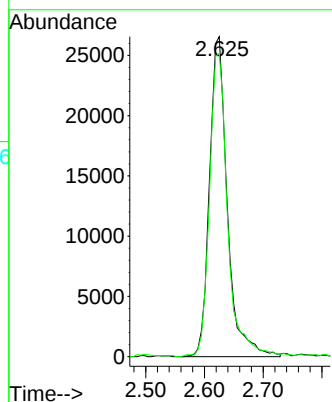
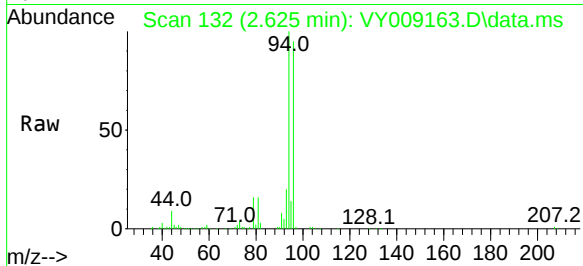
#5
Bromomethane
Concen: 24.537 ug/l
RT: 2.625 min Scan# 11
Delta R.T. -0.019 min
Lab File: VY009163.D
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Tgt Ion: 94 Resp: 56149
Ion Ratio Lower Upper
94 100
96 94.8 73.5 110.3

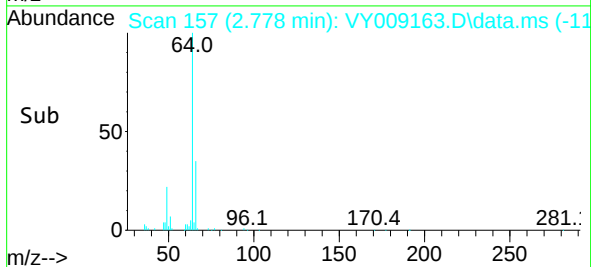
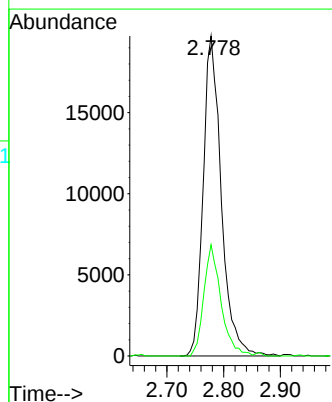
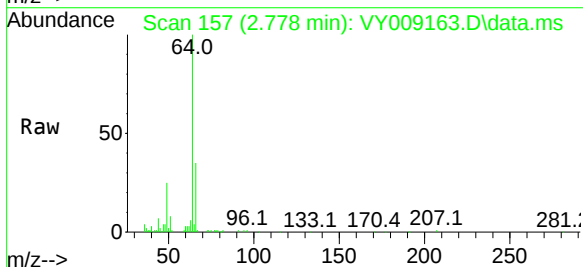
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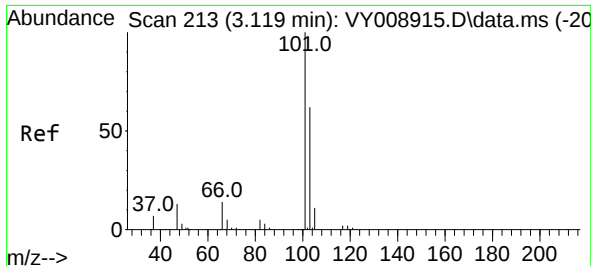
Reviewed By :John Carlone 06/08/2022
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#6
Chloroethane
Concen: 26.418 ug/l
RT: 2.778 min Scan# 157
Delta R.T. -0.012 min
Lab File: VY009163.D
Acq: 07 Jun 2022 14:43

Tgt Ion: 64 Resp: 43690
Ion Ratio Lower Upper
64 100
66 34.8 25.4 38.0





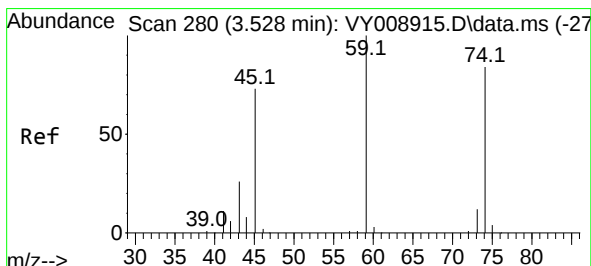
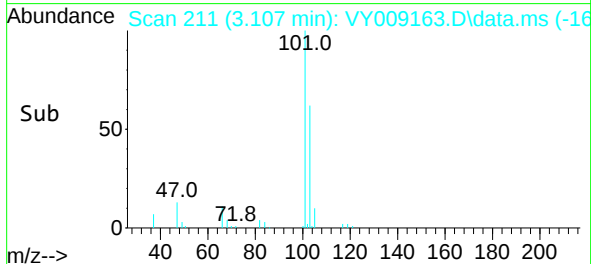
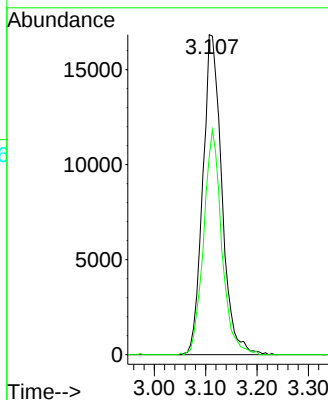
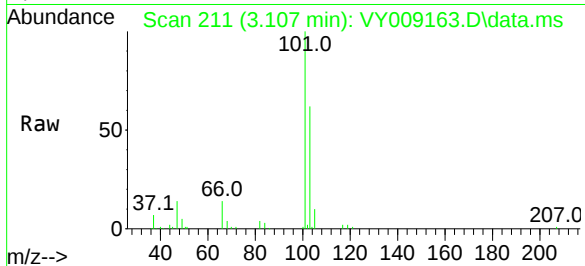
#7
Trichlorofluoromethane
Concen: 21.840 ug/l
RT: 3.107 min Scan# 213
Delta R.T. -0.012 min
Lab File: VY009163.D
Acq: 07 Jun 2022 14:43

Instrument :
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ClientSampleId :
VY0607SBS02

Tgt Ion:101 Resp: 43290
Ion Ratio Lower Upper
101 100
103 61.9 48.0 72.0

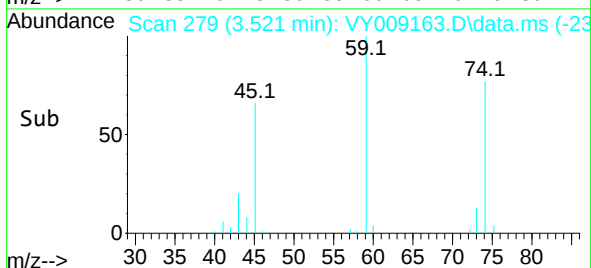
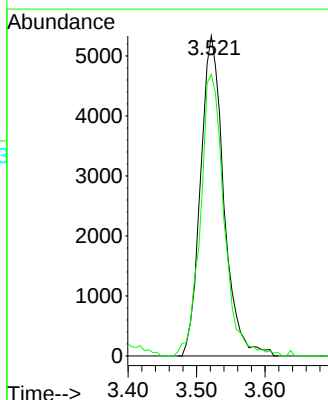
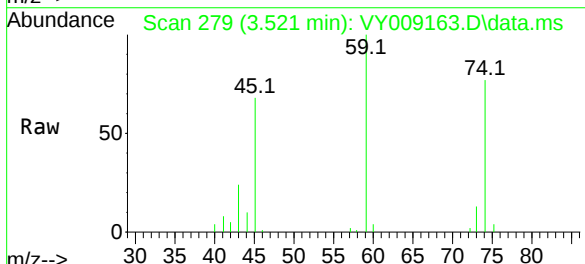
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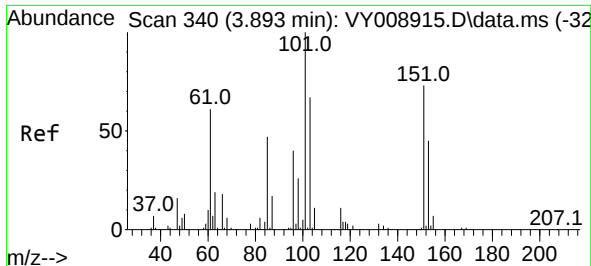
Reviewed By :John Carlone 06/08/2022
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#8
Diethyl Ether
Concen: 20.329 ug/l
RT: 3.521 min Scan# 279
Delta R.T. -0.007 min
Lab File: VY009163.D
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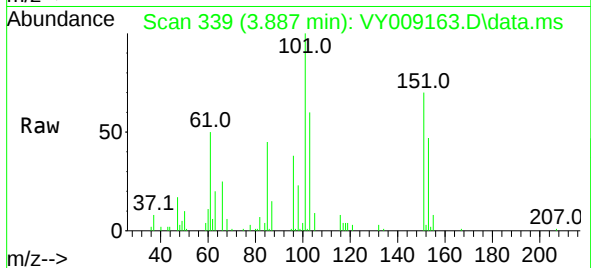
Tgt Ion: 74 Resp: 12602
Ion Ratio Lower Upper
74 100
45 89.6 55.1 165.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.486 ug/l
RT: 3.887 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY009163.D
Acq: 07 Jun 2022 14:43

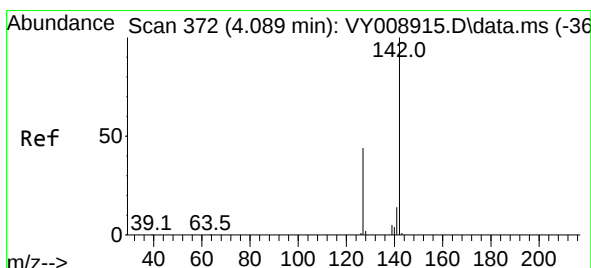
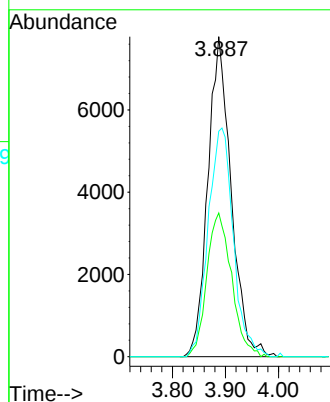
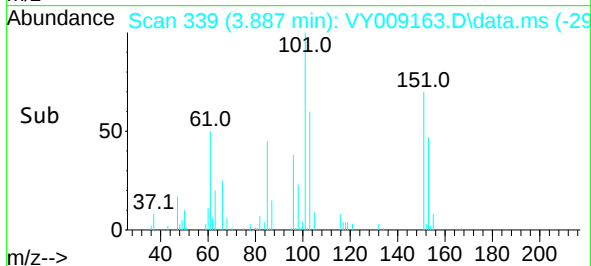
Instrument :
MSVOA_Y
ClientSampleId :
VY0607SBSD02



Tgt Ion:101 Resp: 2374
Ion Ratio Lower Upper
101 100
85 47.6 40.6 60.8
151 77.2 64.9 97.3

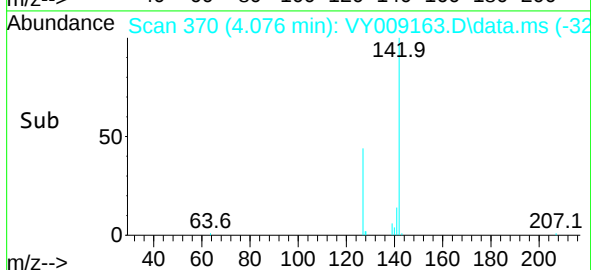
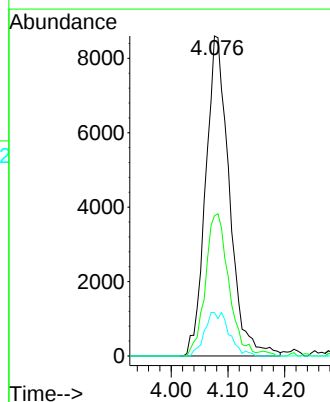
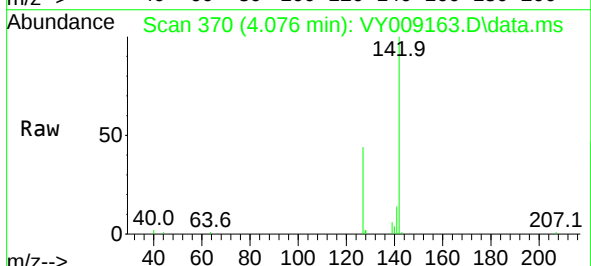
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#10
Methyl Iodide
Concen: 19.832 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.013 min
Lab File: VY009163.D
Acq: 07 Jun 2022 14:43

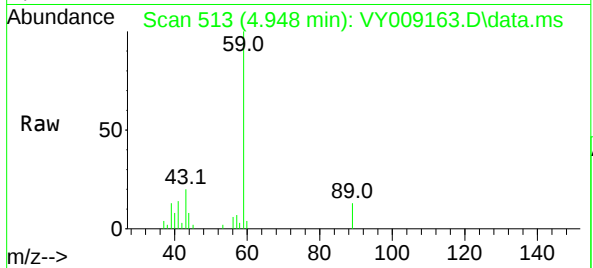
Tgt Ion:142 Resp: 24952
Ion Ratio Lower Upper
142 100
127 43.7 41.5 62.3
141 14.2 11.9 17.9





#11
Tert butyl alcohol
Concen: 104.480 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY009163.D
Acq: 07 Jun 2022 14:43

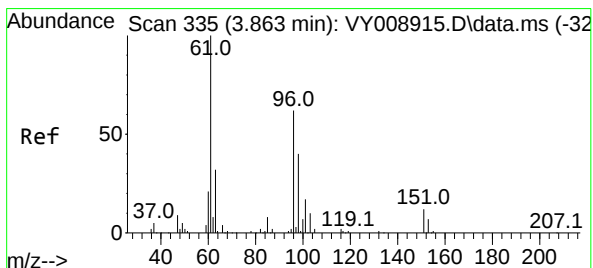
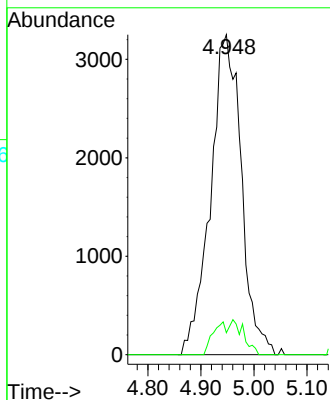
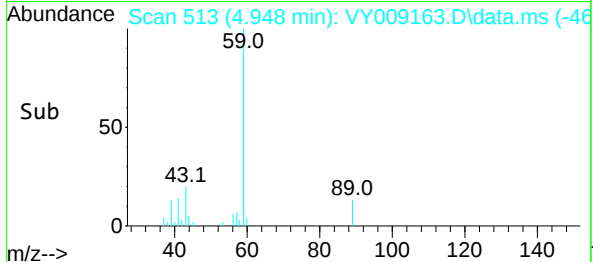
Instrument :
MSVOA_Y
ClientSampleId :
VY0607SBS02



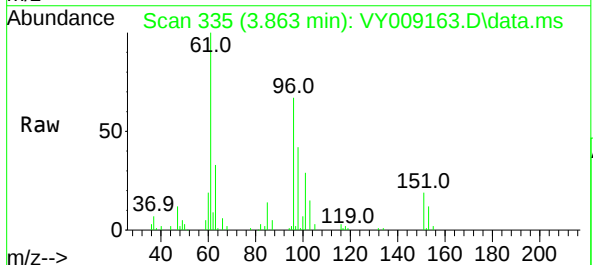
Tgt Ion: 59 Resp: 13110
Ion Ratio Lower Upper
59 100
57 4.5 6.4 9.6

Manual Integrations
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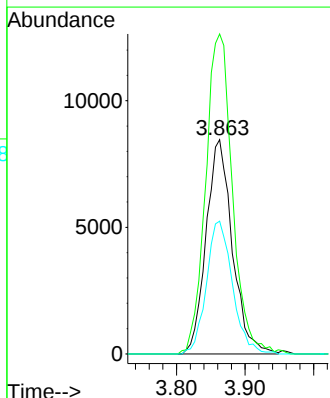
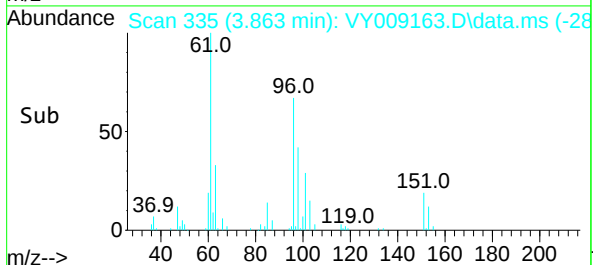
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

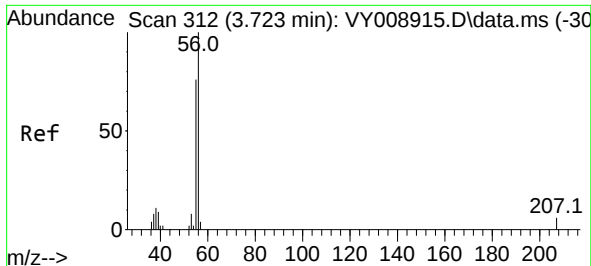


#12
1,1-Dichloroethene
Concen: 19.952 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.000 min
Lab File: VY009163.D
Acq: 07 Jun 2022 14:43



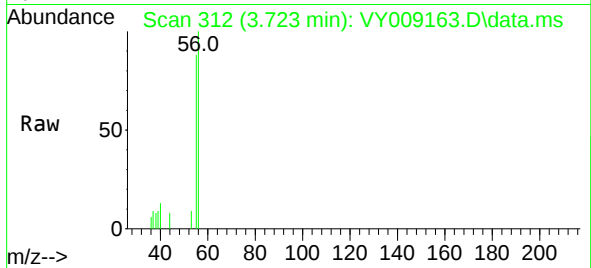
Tgt Ion: 96 Resp: 22567
Ion Ratio Lower Upper
96 100
61 149.3 145.8 218.6
98 62.0 52.5 78.7





#13
Acrolein
Concen: 96.827 ug/l
RT: 3.723 min Scan# 312
Delta R.T. -0.000 min
Lab File: VY009163.D
Acq: 07 Jun 2022 14:43

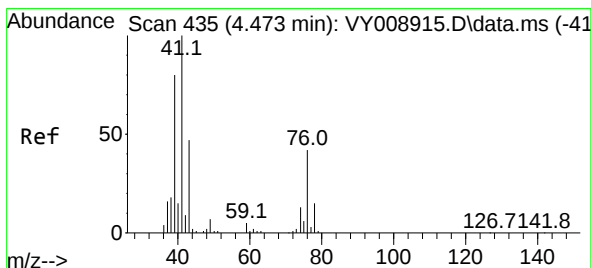
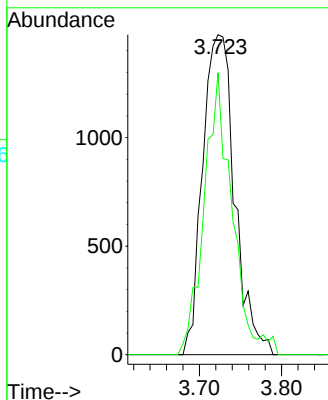
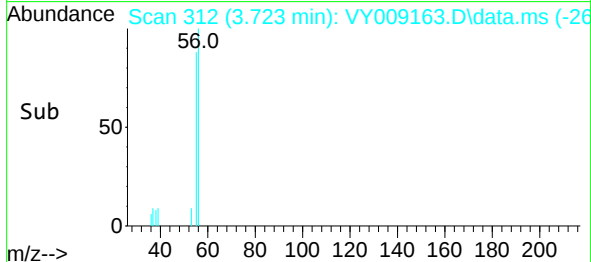
Instrument :
MSVOA_Y
ClientSampleId :
VY0607SBSD02



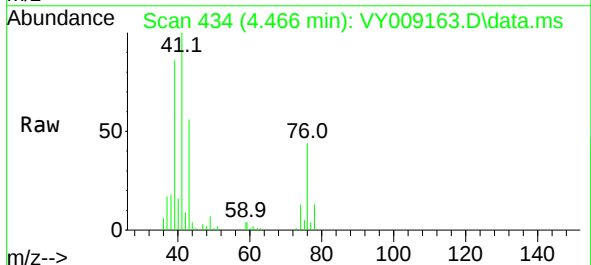
Tgt Ion: 56 Resp: 400
Ion Ratio Lower Upper
56 100
55 74.6 57.6 86.4

Manual Integrations
APPROVED

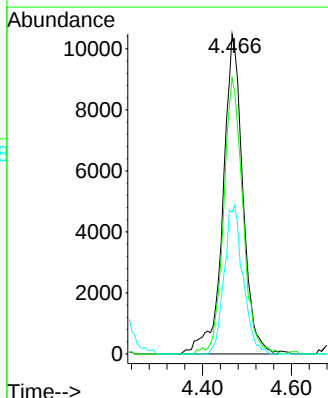
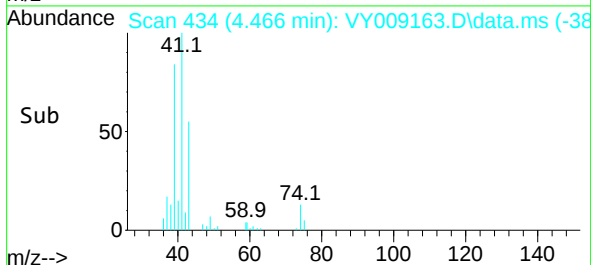
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

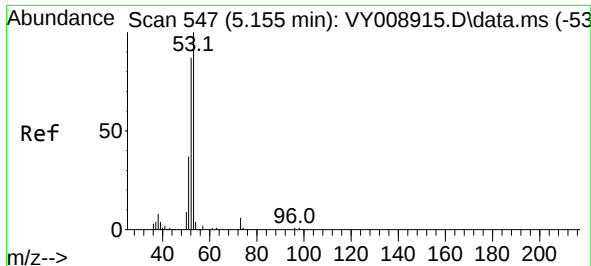


#14
Allyl chloride
Concen: 19.034 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.007 min
Lab File: VY009163.D
Acq: 07 Jun 2022 14:43



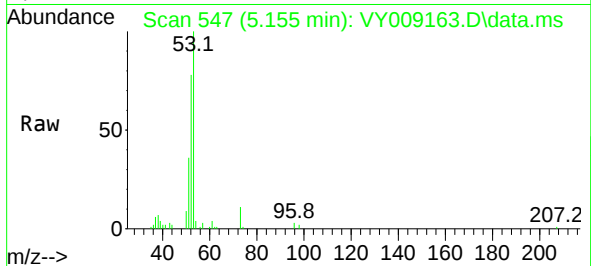
Tgt Ion: 41 Resp: 32444
Ion Ratio Lower Upper
41 100
39 83.7 58.8 88.2
76 44.0 25.1 37.7#





#15
Acrylonitrile
Concen: 95.572 ug/l
RT: 5.155 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY009163.D
Acq: 07 Jun 2022 14:43

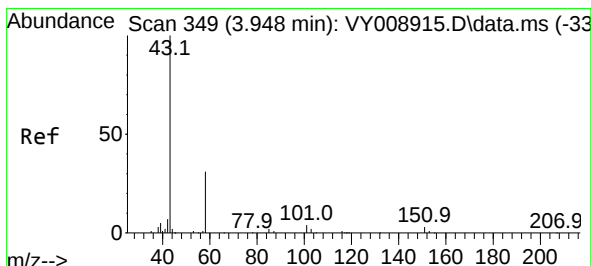
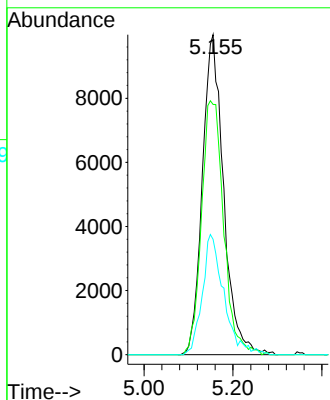
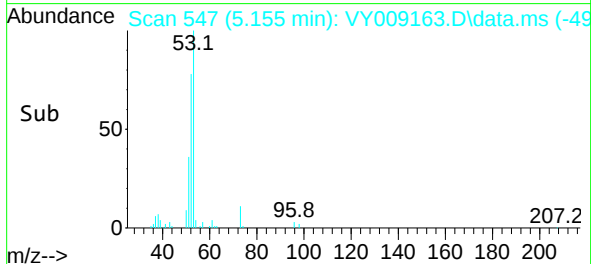
Instrument :
MSVOA_Y
ClientSampleId :
VY0607SBSD02



Tgt Ion: 53 Resp: 3317
Ion Ratio Lower Upper
53 100
52 82.9 67.0 100.4
51 37.6 29.8 44.6

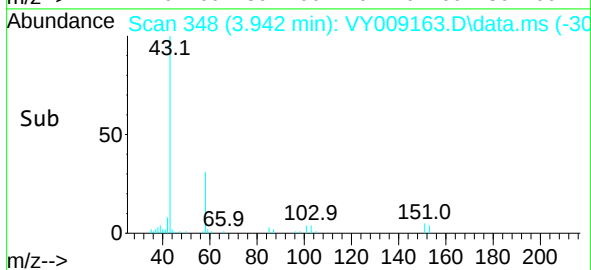
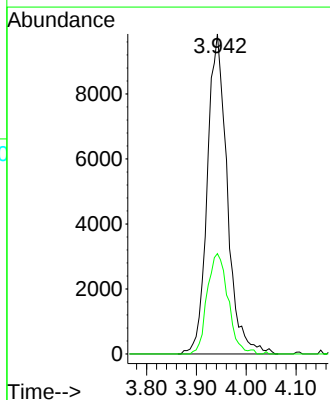
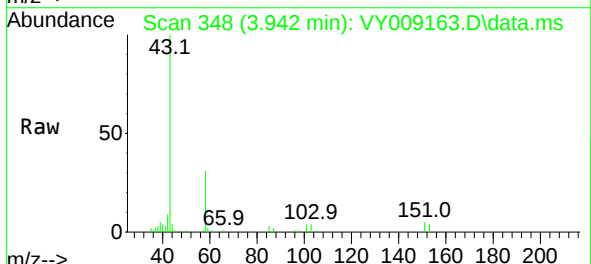
Manual Integrations
APPROVED

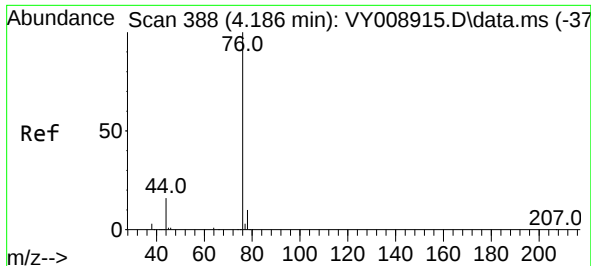
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#16
Acetone
Concen: 106.071 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY009163.D
Acq: 07 Jun 2022 14:43

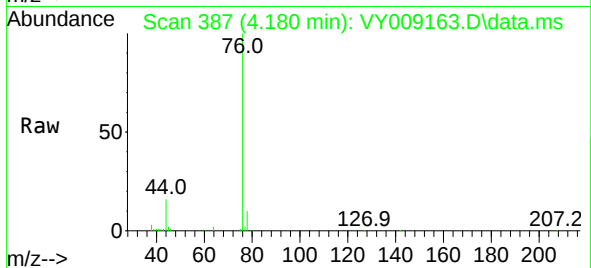
Tgt Ion: 43 Resp: 27326
Ion Ratio Lower Upper
43 100
58 31.3 22.0 33.0





#17
Carbon Disulfide
Concen: 17.752 ug/l
RT: 4.180 min Scan# 388
Delta R.T. -0.006 min
Lab File: VY009163.D
Acq: 07 Jun 2022 14:43

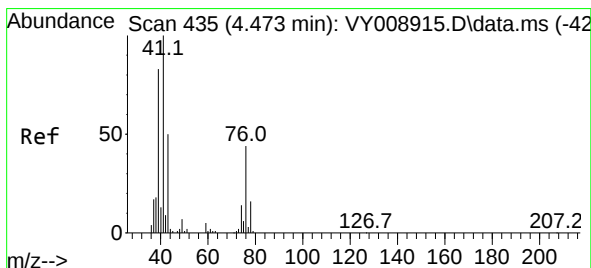
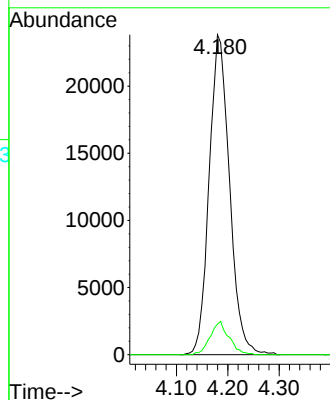
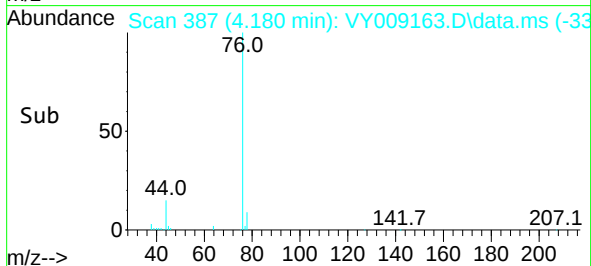
Instrument :
MSVOA_Y
ClientSampleId :
VY0607SBSD02



Tgt Ion: 76 Resp: 65590
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0

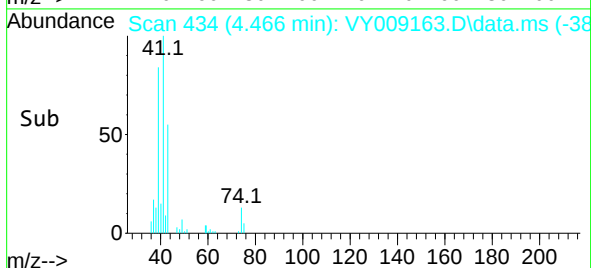
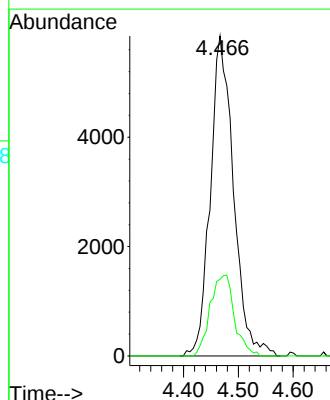
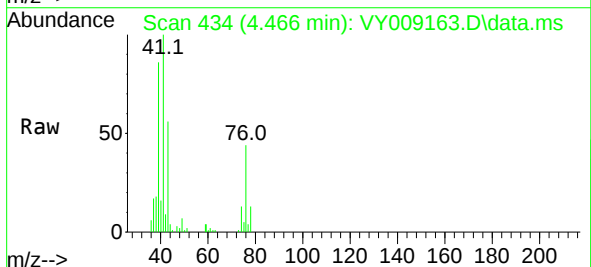
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#18
Methyl Acetate
Concen: 21.449 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.007 min
Lab File: VY009163.D
Acq: 07 Jun 2022 14:43

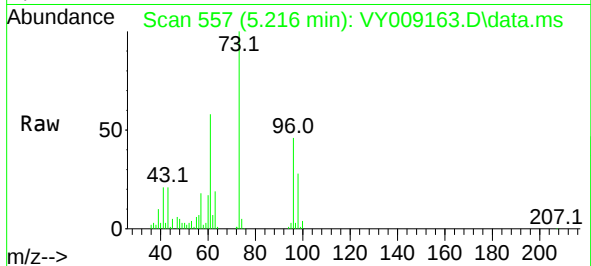
Tgt Ion: 43 Resp: 17207
Ion Ratio Lower Upper
43 100
74 26.3 16.6 24.8





#19
Methyl tert-butyl Ether
Concen: 19.170 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY009163.D
Acq: 07 Jun 2022 14:43

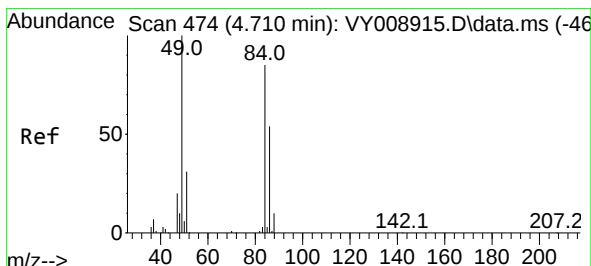
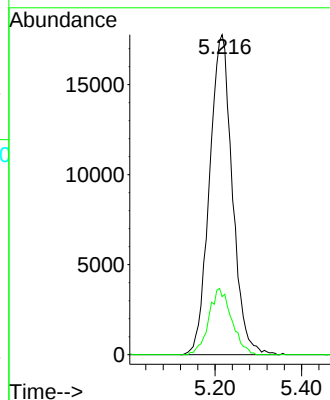
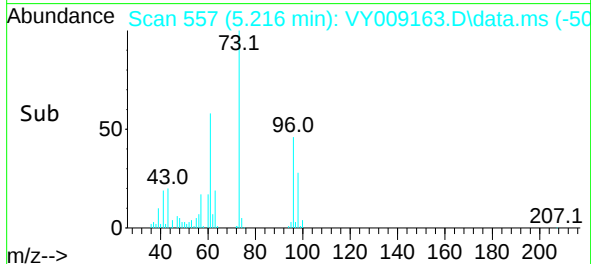
Instrument :
MSVOA_Y
ClientSampleId :
VY0607SBS02



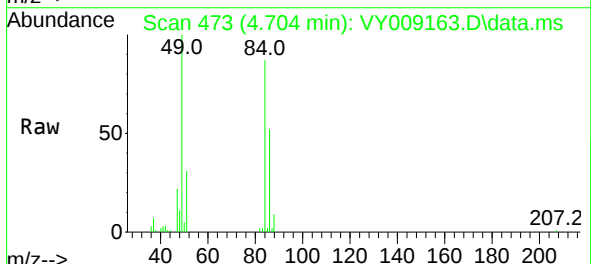
Tgt Ion: 73 Resp: 6508
Ion Ratio Lower Upper
73 100
57 18.2 18.6 27.8

Manual Integrations
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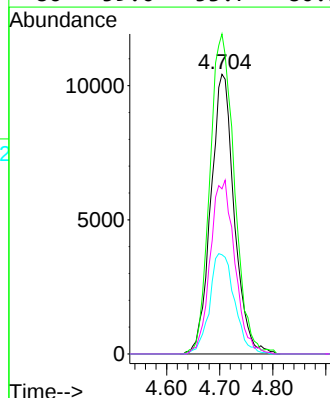
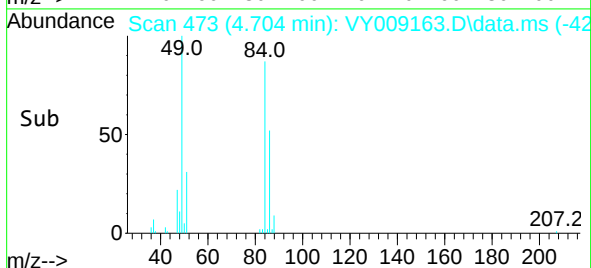
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

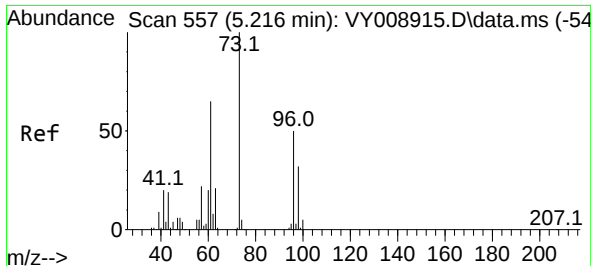


#20
Methylene Chloride
Concen: 16.877 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY009163.D
Acq: 07 Jun 2022 14:43



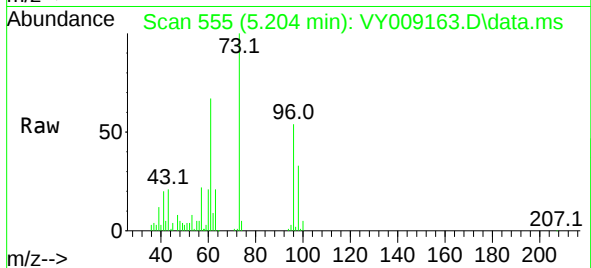
Tgt Ion: 84 Resp: 31981
Ion Ratio Lower Upper
84 100
49 114.4 114.4 171.6
51 35.5 35.3 52.9
86 59.0 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 18.729 ug/l
RT: 5.204 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY009163.D
Acq: 07 Jun 2022 14:43

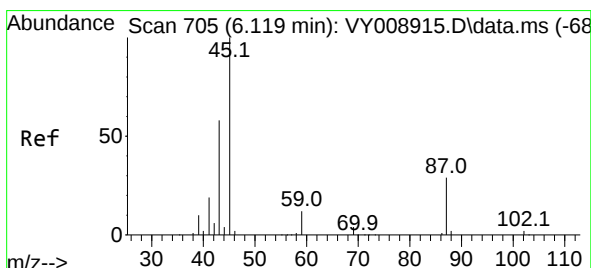
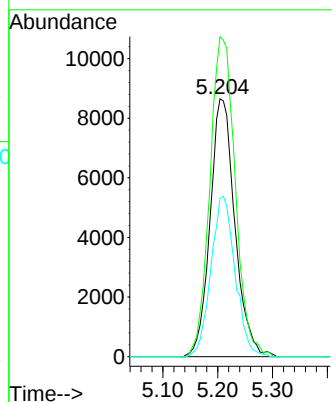
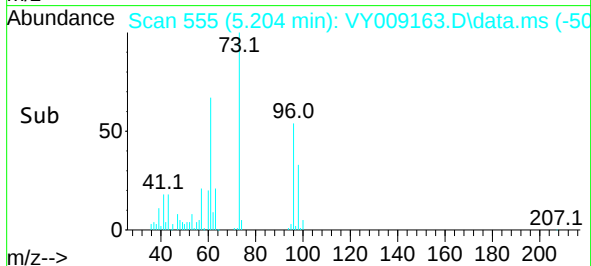
Instrument :
MSVOA_Y
ClientSampleId :
VY0607SBS02



Tgt Ion: 96 Resp: 27190
Ion Ratio Lower Upper
96 100
61 124.1 120.5 180.7
98 61.5 49.8 74.8

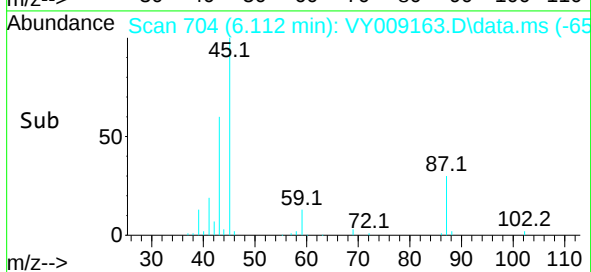
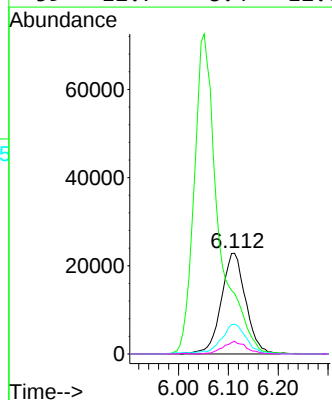
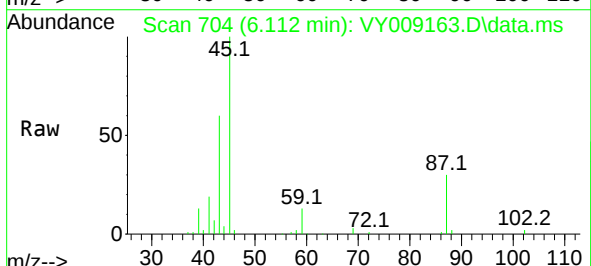
Manual Integrations
APPROVED

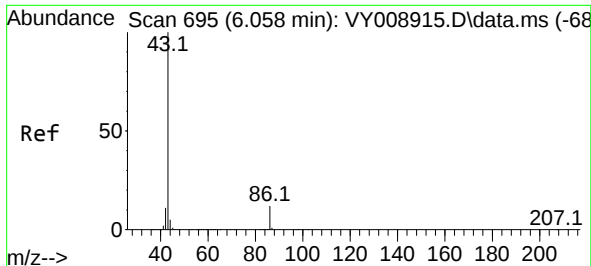
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#22
Diisopropyl ether
Concen: 18.965 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.007 min
Lab File: VY009163.D
Acq: 07 Jun 2022 14:43

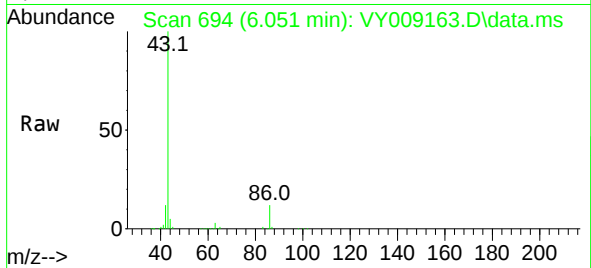
Tgt Ion: 45 Resp: 77666
Ion Ratio Lower Upper
45 100
43 59.4 49.3 73.9
87 29.6 19.2 28.8#
59 12.7 8.4 12.6#





#23
 Vinyl Acetate
 Concen: 90.481 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. -0.006 min
 Lab File: VY009163.D
 Acq: 07 Jun 2022 14:43

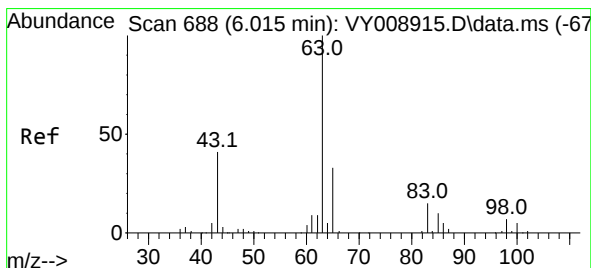
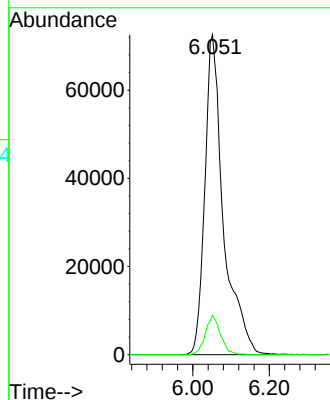
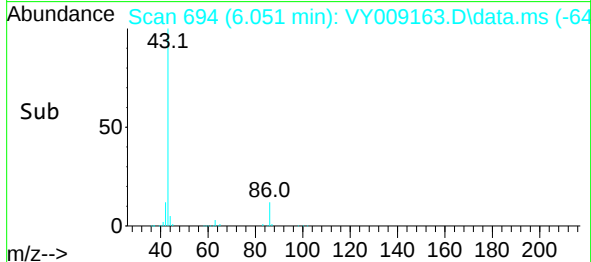
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0607SBSD02



Tgt Ion: 43 Resp: 245100
 Ion Ratio Lower Upper
 43 100
 86 12.4 7.1 10.7

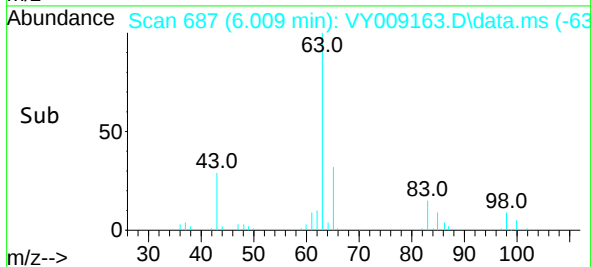
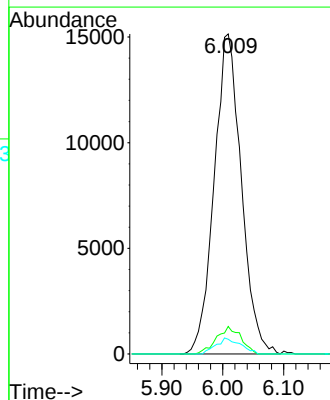
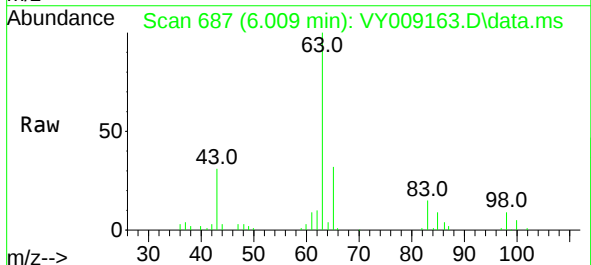
Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/08/2022
 Supervised By :Mahesh Dadoda 06/08/2022



#24
 1,1-Dichloroethane
 Concen: 19.107 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY009163.D
 Acq: 07 Jun 2022 14:43

Tgt Ion: 63 Resp: 46801
 Ion Ratio Lower Upper
 63 100
 98 8.6 3.6 10.8
 100 4.6 2.0 5.8





#25

2-Butanone

Concen: 94.480 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY009163.D

Acq: 07 Jun 2022 14:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0607SBSD02

Tgt Ion: 43 Resp: 43474

Ion Ratio Lower Upper

43 100

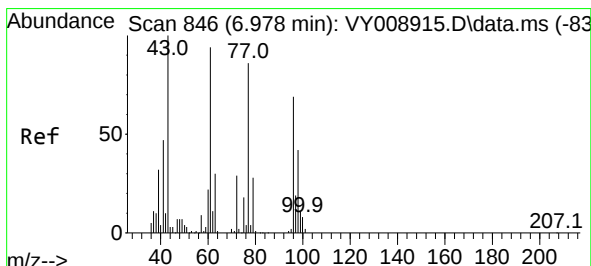
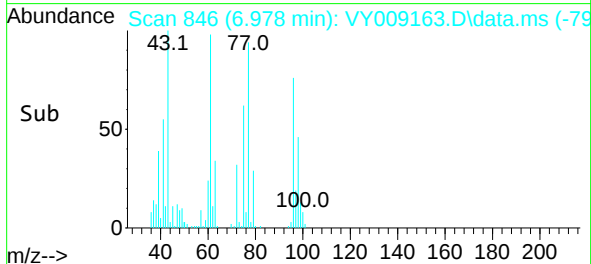
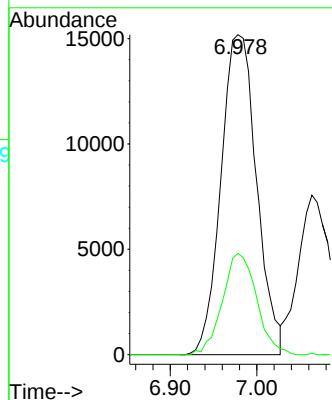
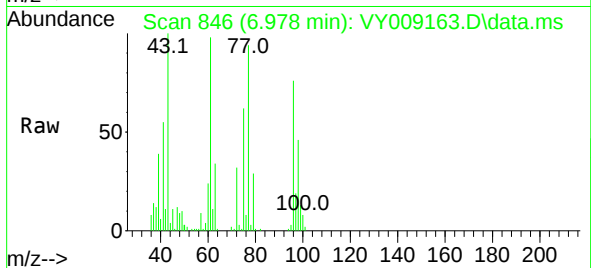
72 31.7 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/08/2022

Supervised By :Mahesh Dadoda 06/08/2022



#26

2,2-Dichloropropane

Concen: 19.973 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY009163.D

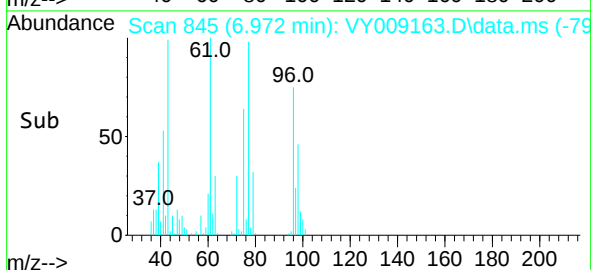
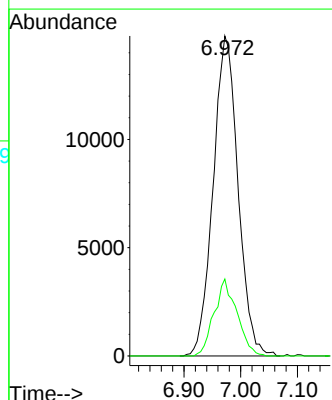
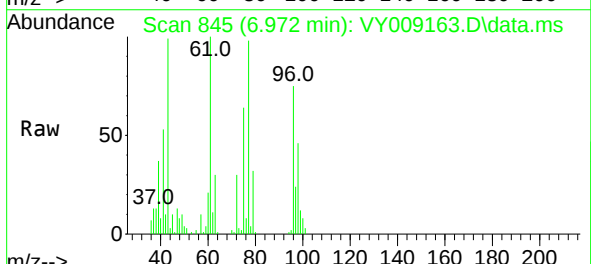
Acq: 07 Jun 2022 14:43

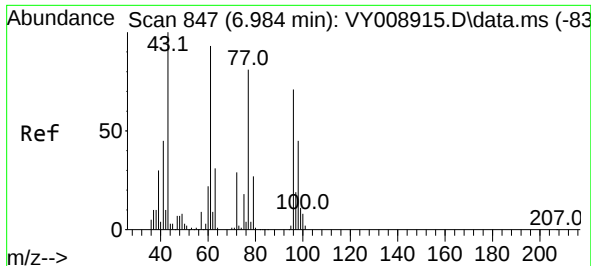
Tgt Ion: 77 Resp: 45064

Ion Ratio Lower Upper

77 100

97 22.1 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 18.733 ug/l

RT: 6.978 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY009163.D

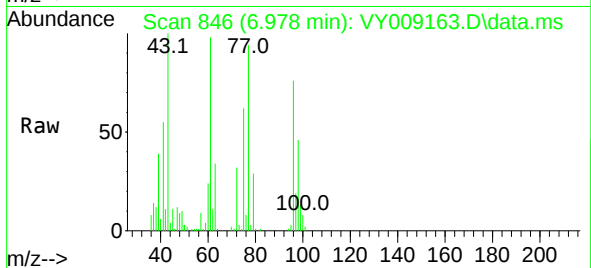
Acq: 07 Jun 2022 14:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0607SBS02



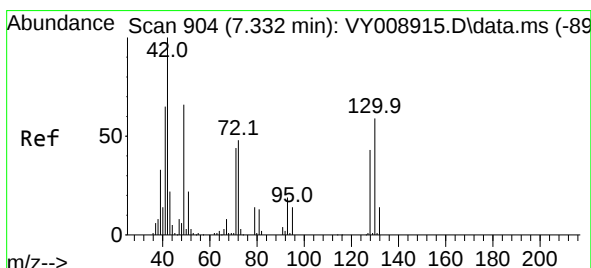
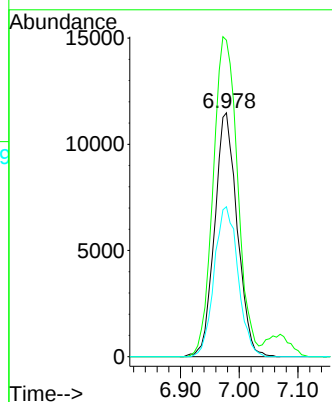
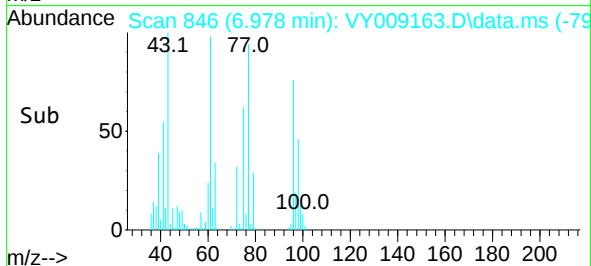
Tgt Ion:	96	Resp:	3065
Ion	Ratio	Lower	Upper
96	100		
61	141.7	0.0	319.8
98	65.0	0.0	127.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/08/2022

Supervised By :Mahesh Dadoda 06/08/2022



#28

Bromochloromethane

Concen: 18.422 ug/l

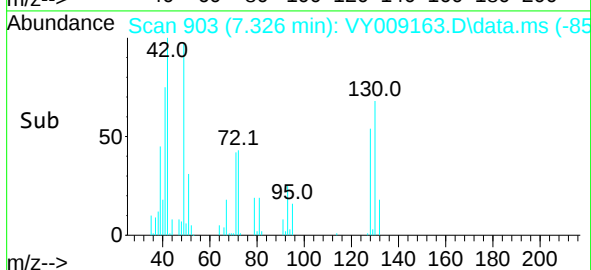
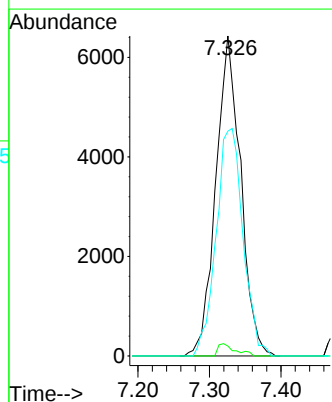
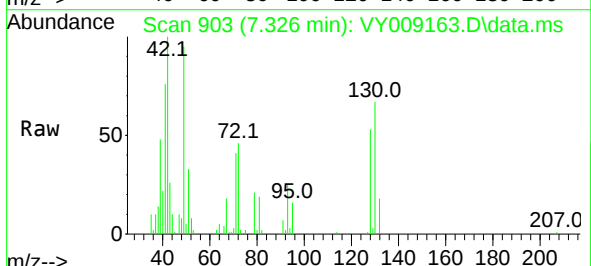
RT: 7.326 min Scan# 903

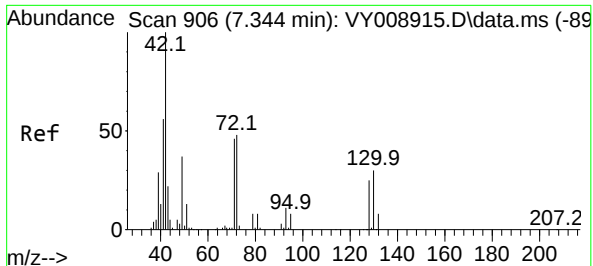
Delta R.T. -0.006 min

Lab File: VY009163.D

Acq: 07 Jun 2022 14:43

Tgt Ion:	49	Resp:	15488
Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	2.2#
130	77.1	55.4	83.0





#29

Tetrahydrofuran

Concen: 91.927 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY009163.D

Acq: 07 Jun 2022 14:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0607SBSD02

Tgt Ion: 42 Resp: 2873

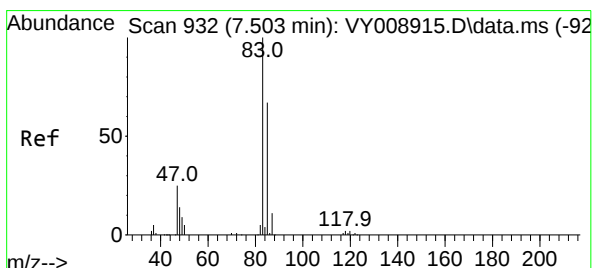
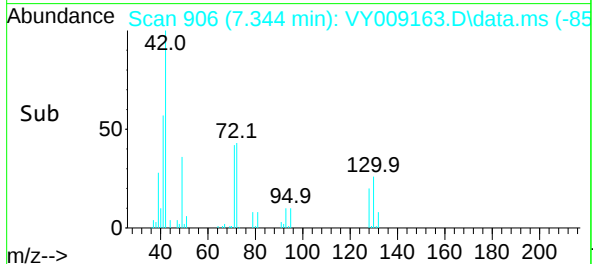
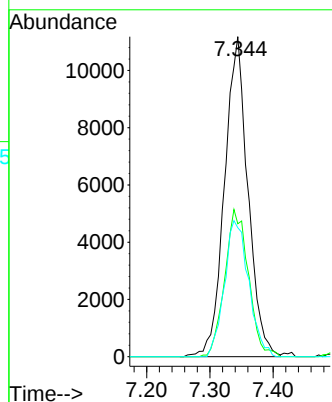
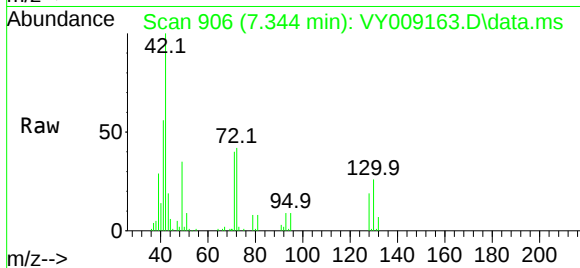
Ion	Ratio	Lower	Upper
42	100		
72	46.6	30.3	45.5
71	44.0	29.0	43.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/08/2022

Supervised By :Mahesh Dadoda 06/08/2022



#30

Chloroform

Concen: 19.228 ug/l

RT: 7.496 min Scan# 931

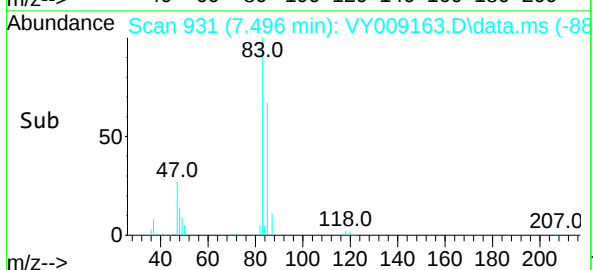
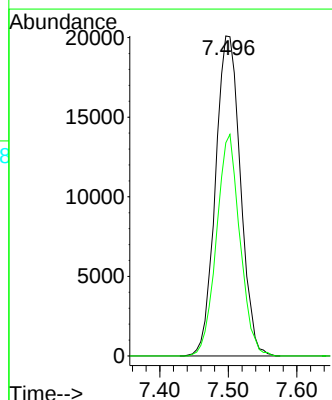
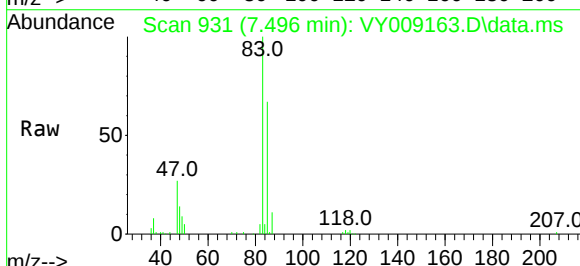
Delta R.T. -0.007 min

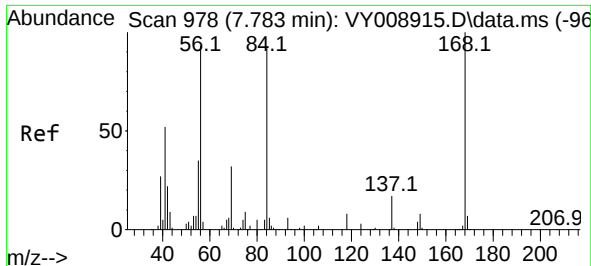
Lab File: VY009163.D

Acq: 07 Jun 2022 14:43

Tgt Ion: 83 Resp: 50839

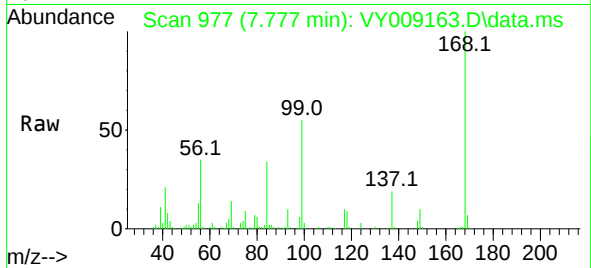
Ion	Ratio	Lower	Upper
83	100		
85	66.6	51.8	77.6





#31
Cyclohexane
Concen: 17.365 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009163.D
Acq: 07 Jun 2022 14:43

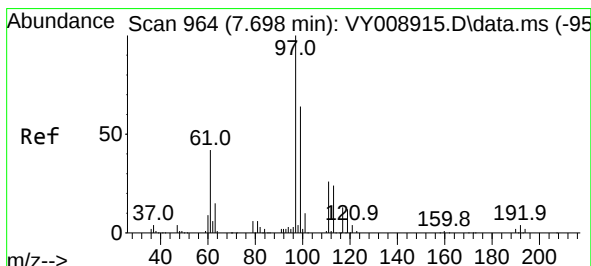
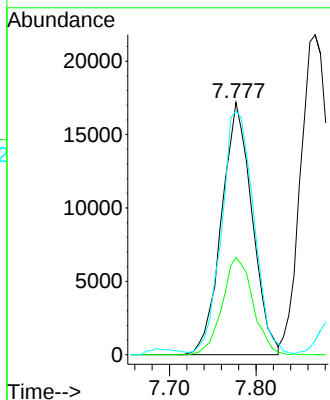
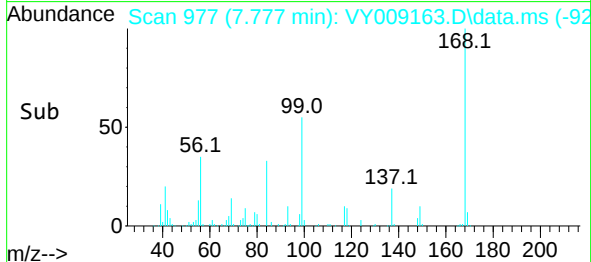
Instrument :
MSVOA_Y
ClientSampleId :
VY0607SBSD02



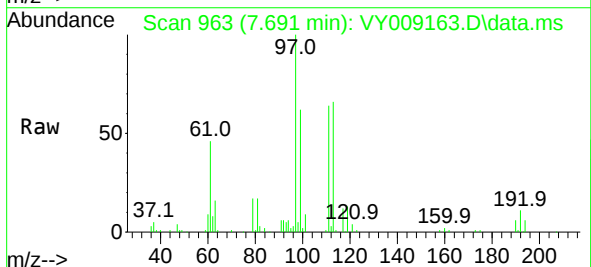
Tgt Ion: 56 Resp: 4204
Ion Ratio Lower Upper
56 100
69 38.5 26.7 40.1
84 95.3 67.2 100.8

Manual Integrations
APPROVED

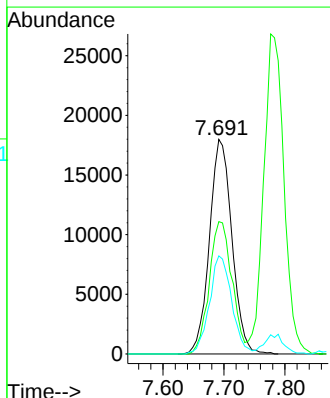
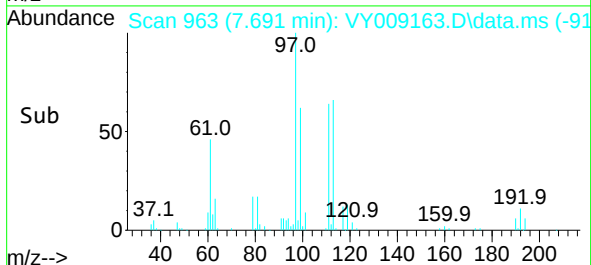
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

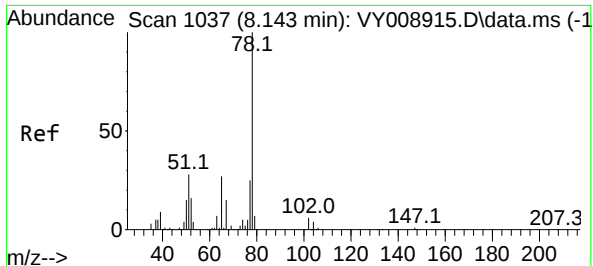


#32
1,1,1-Trichloroethane
Concen: 19.248 ug/l
RT: 7.691 min Scan# 963
Delta R.T. -0.007 min
Lab File: VY009163.D
Acq: 07 Jun 2022 14:43



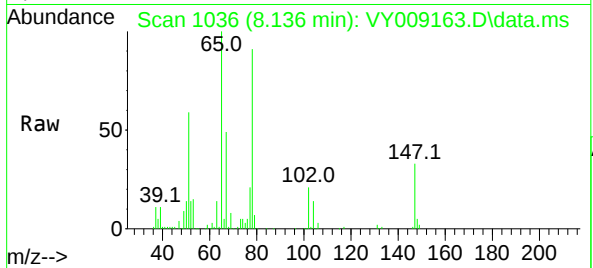
Tgt Ion: 97 Resp: 46171
Ion Ratio Lower Upper
97 100
99 62.0 50.7 76.1
61 45.1 37.6 56.4





#33
1,2-Dichloroethane-d4
Concen: 44.349 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY009163.D
Acq: 07 Jun 2022 14:43

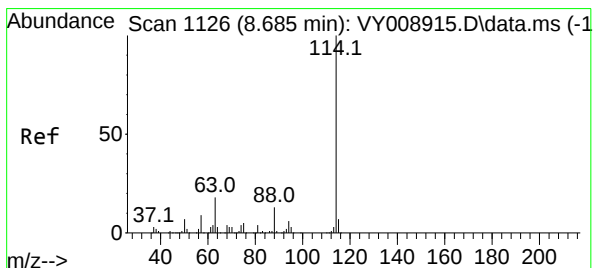
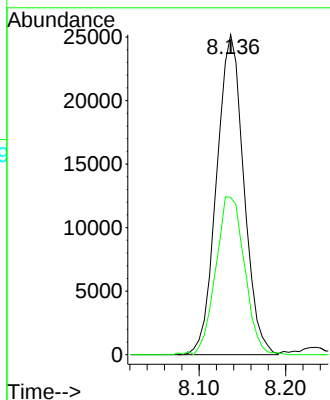
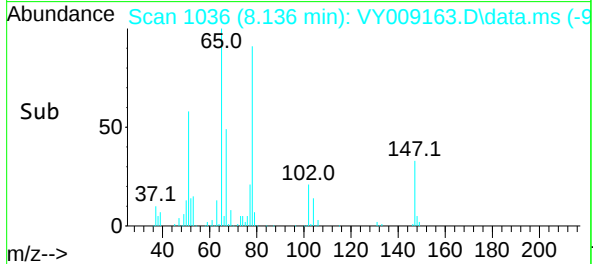
Instrument :
MSVOA_Y
ClientSampleId :
VY0607SBSD02



Tgt Ion: 65 Resp: 5488
Ion Ratio Lower Upper
65 100
67 52.4 0.0 99.4

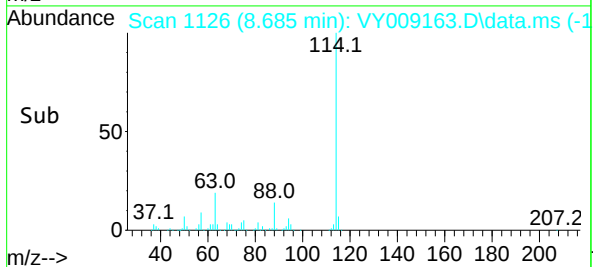
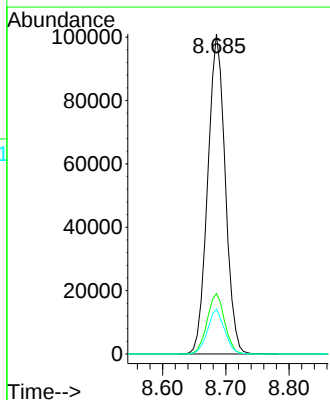
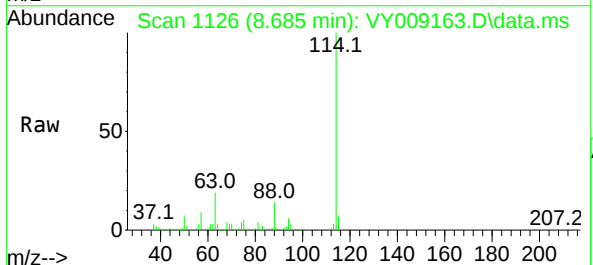
Manual Integrations
APPROVED

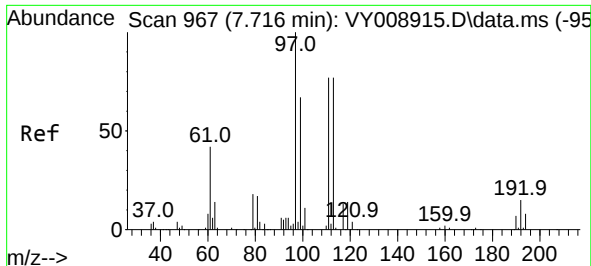
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY009163.D
Acq: 07 Jun 2022 14:43

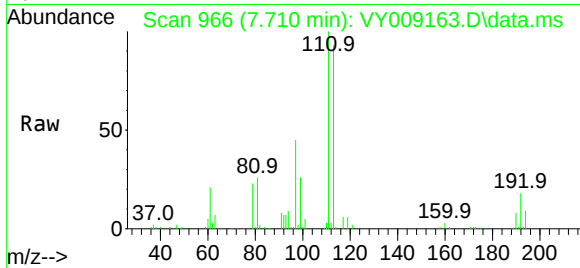
Tgt Ion:114 Resp: 194079
Ion Ratio Lower Upper
114 100
63 18.9 0.0 43.2
88 14.1 0.0 31.8





#35
Dibromofluoromethane
Concen: 50.383 ug/l
RT: 7.710 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY009163.D
Acq: 07 Jun 2022 14:43

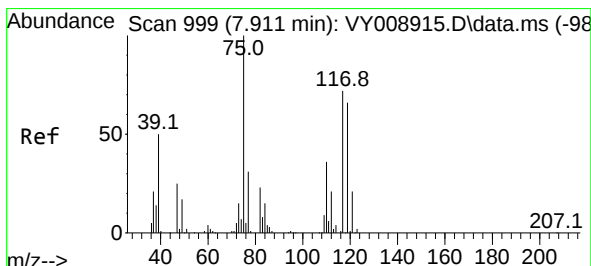
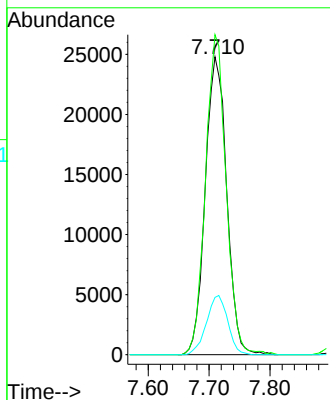
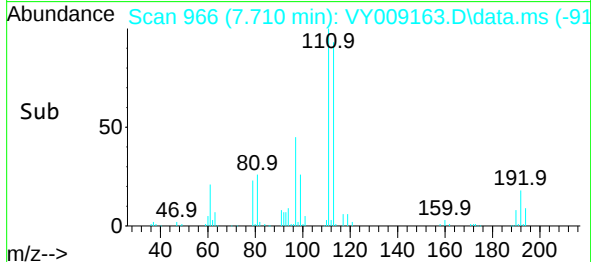
Instrument :
MSVOA_Y
ClientSampleId :
VY0607SBS02



Tgt Ion: 113 Resp: 6080
Ion Ratio Lower Upper
113 100
111 103.1 82.6 124.0
192 19.7 17.6 26.4

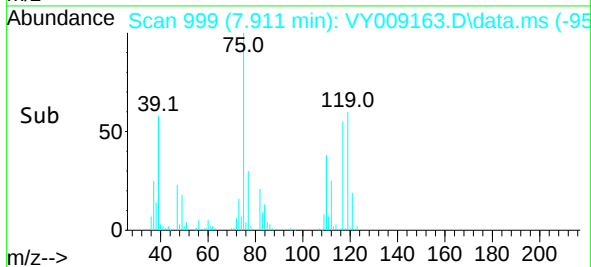
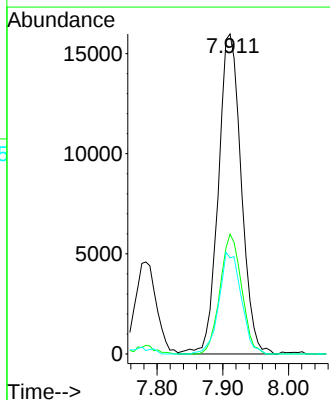
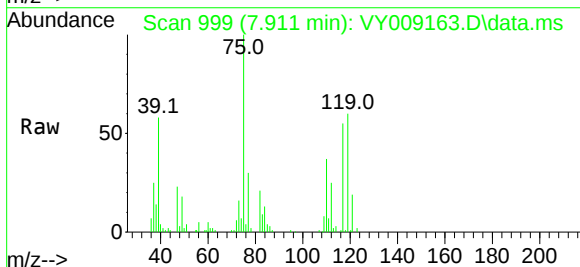
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#36
1,1-Dichloropropene
Concen: 18.830 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY009163.D
Acq: 07 Jun 2022 14:43

Tgt Ion: 75 Resp: 38673
Ion Ratio Lower Upper
75 100
110 35.2 17.1 51.2
77 30.9 24.4 36.6





#37

Ethyl Acetate

Concen: 19.373 ug/l

RT: 7.064 min Scan# 80

Delta R.T. -0.012 min

Lab File: VY009163.D

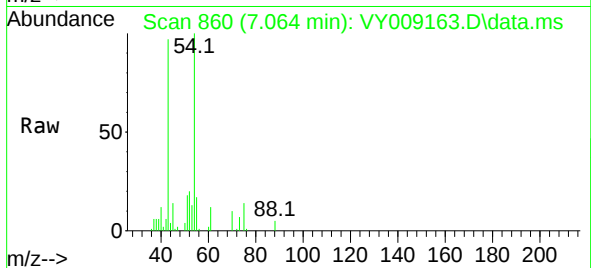
Acq: 07 Jun 2022 14:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0607SBSD02



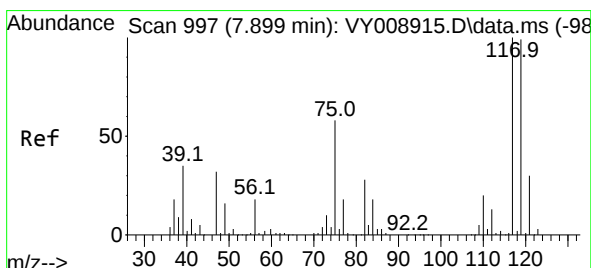
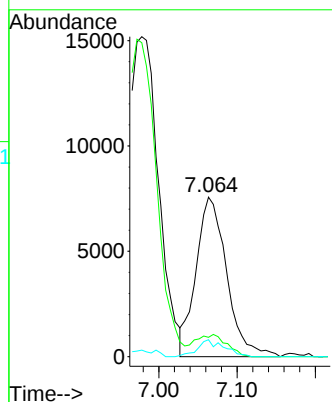
Tgt Ion:	43	Resp:	20640
Ion	Ratio	Lower	Upper
43	100		
61	14.5	9.7	14.5
70	9.2	7.1	10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/08/2022

Supervised By :Mahesh Dadoda 06/08/2022



#38

Carbon Tetrachloride

Concen: 18.775 ug/l

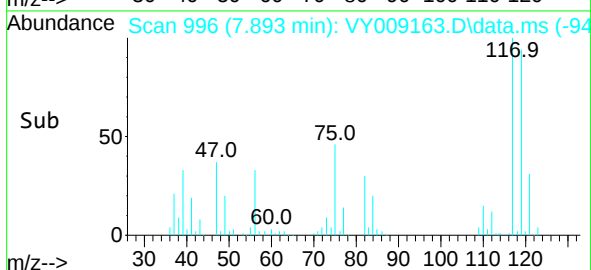
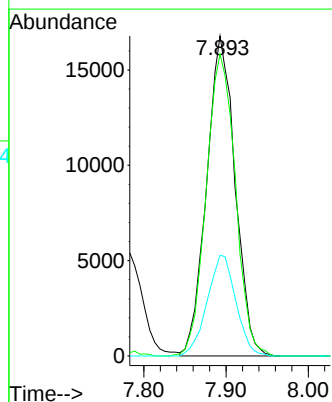
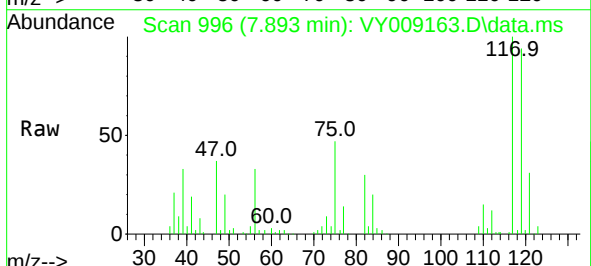
RT: 7.893 min Scan# 996

Delta R.T. -0.006 min

Lab File: VY009163.D

Acq: 07 Jun 2022 14:43

Tgt Ion:	117	Resp:	40338
Ion	Ratio	Lower	Upper
117	100		
119	94.3	77.9	116.9
121	31.4	24.8	37.2





#39

Methylcyclohexane

Concen: 17.481 ug/l

RT: 9.179 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY009163.D

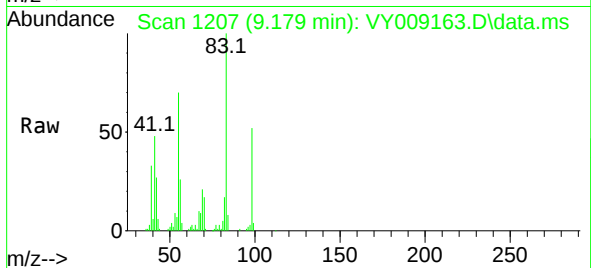
Acq: 07 Jun 2022 14:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0607SBS02



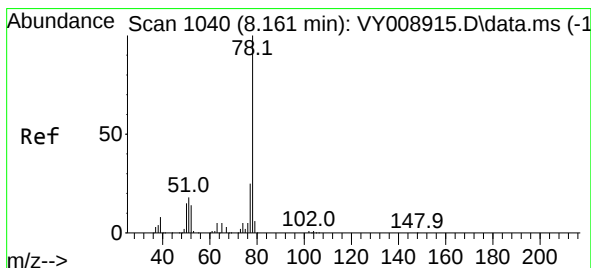
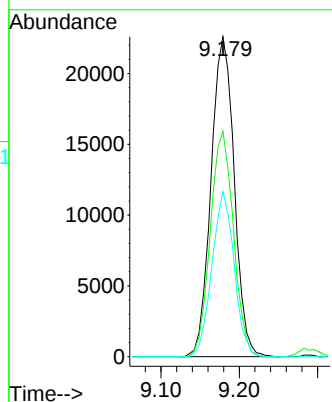
Tgt Ion: 83	Resp: 4634
Ion Ratio	Lower Upper
83	100
55	70.5 66.5 99.7
98	51.6 37.9 56.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/08/2022

Supervised By :Mahesh Dadoda 06/08/2022



#40

Benzene

Concen: 19.088 ug/l

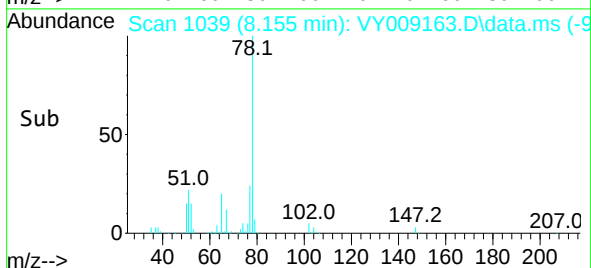
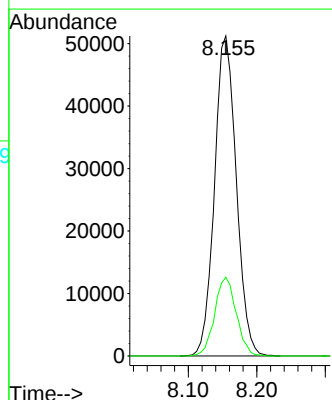
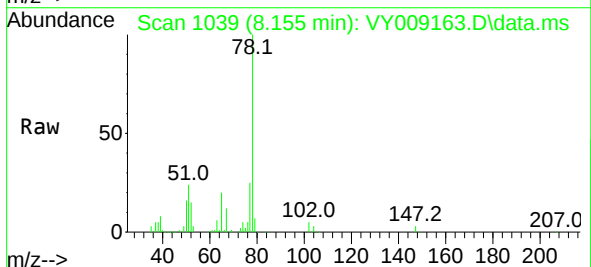
RT: 8.155 min Scan# 1039

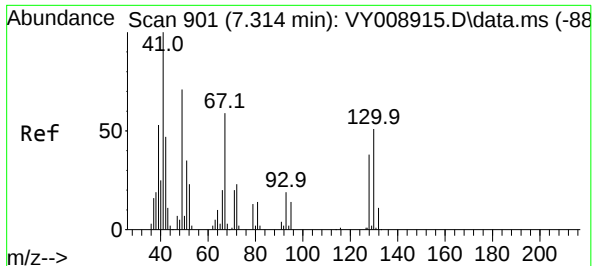
Delta R.T. -0.006 min

Lab File: VY009163.D

Acq: 07 Jun 2022 14:43

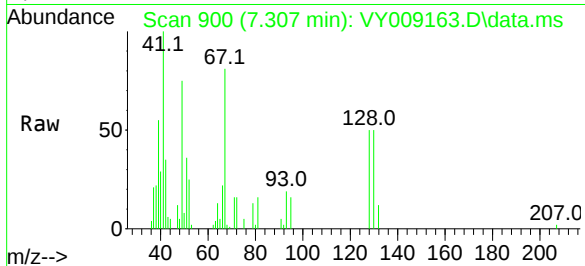
Tgt Ion: 78	Resp: 113048
Ion Ratio	Lower Upper
78	100
77	24.6 20.4 30.6





#41
Methacrylonitrile
Concen: 17.287 ug/l m
RT: 7.307 min Scan# 901
Delta R.T. -0.007 min
Lab File: VY009163.D
Acq: 07 Jun 2022 14:43

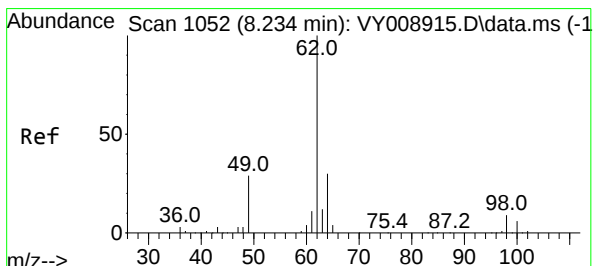
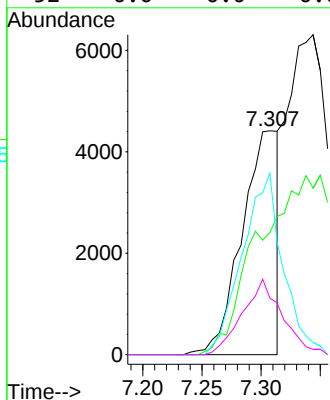
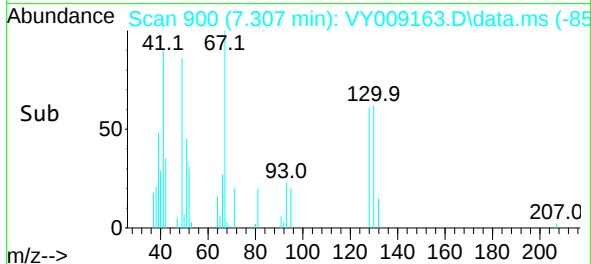
Instrument :
MSVOA_Y
ClientSampleId :
VY0607SBSD02



Tgt Ion: 41 Resp: 9504
Ion Ratio Lower Upper
41 100
39 164.4 92.9 139.3
67 0.0 0.0 0.0
52 0.0 0.0 0.0

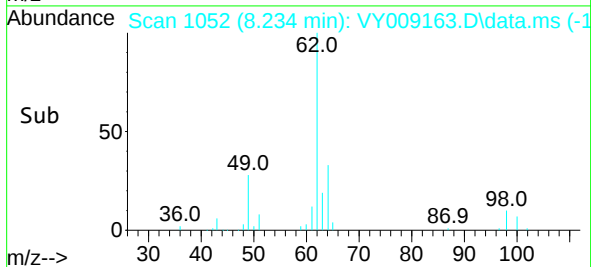
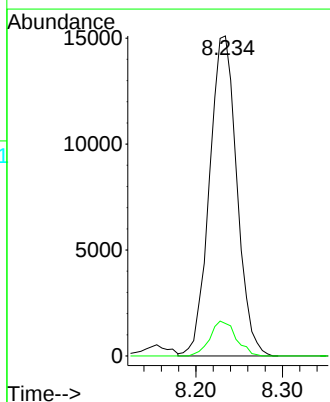
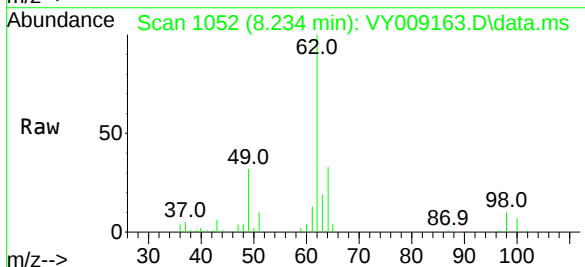
Manual Integrations
APPROVED

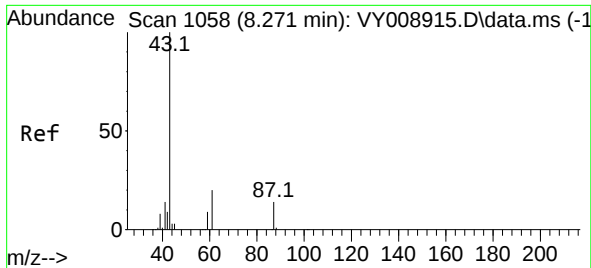
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#42
1,2-Dichloroethane
Concen: 19.101 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY009163.D
Acq: 07 Jun 2022 14:43

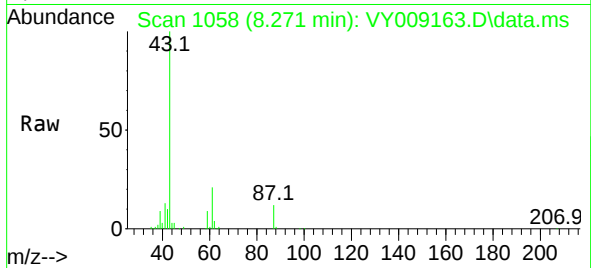
Tgt Ion: 62 Resp: 33219
Ion Ratio Lower Upper
62 100
98 10.4 0.0 14.8





#43
Isopropyl Acetate
Concen: 19.017 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY009163.D
Acq: 07 Jun 2022 14:43

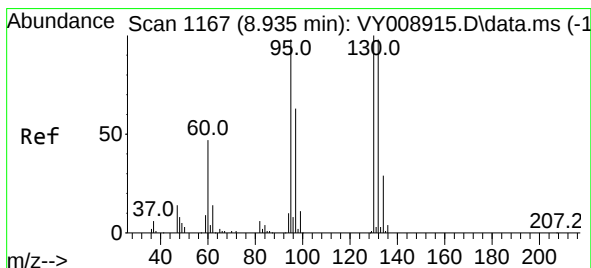
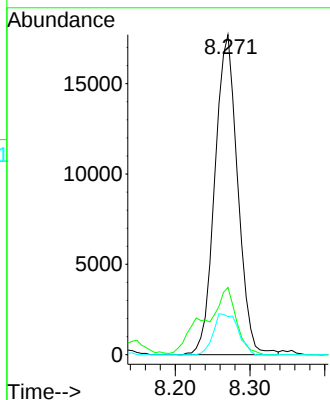
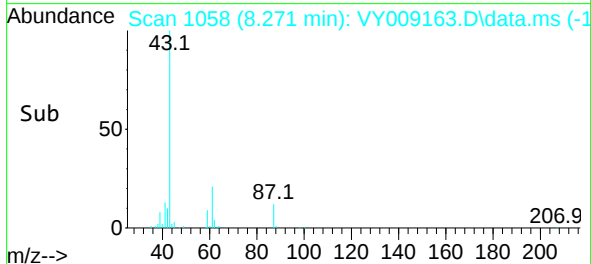
Instrument :
MSVOA_Y
ClientSampleId :
VY0607SBSD02



Tgt Ion: 43 Resp: 37672
Ion Ratio Lower Upper
43 100
61 18.1 20.2 30.2
87 13.9 8.9 13.3

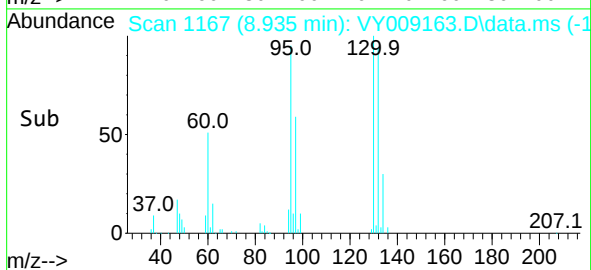
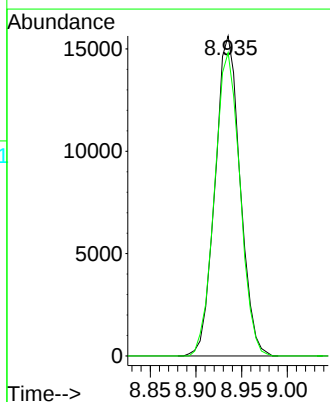
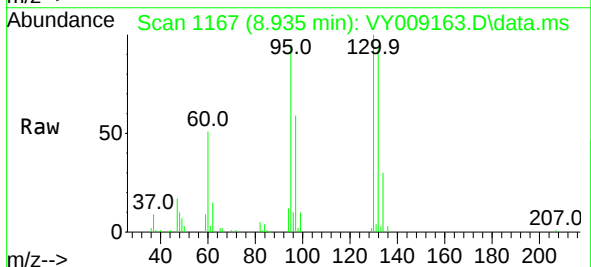
Manual Integrations
APPROVED

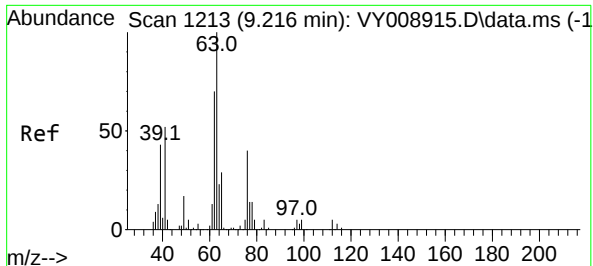
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#44
Trichloroethene
Concen: 19.005 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY009163.D
Acq: 07 Jun 2022 14:43

Tgt Ion:130 Resp: 29803
Ion Ratio Lower Upper
130 100
95 94.8 0.0 188.2





#45

1,2-Dichloropropane

Concen: 19.189 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.007 min

Lab File: VY009163.D

Acq: 07 Jun 2022 14:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0607SBS02

Tgt Ion: 63 Resp: 2728

Ion Ratio Lower Upper

63 100

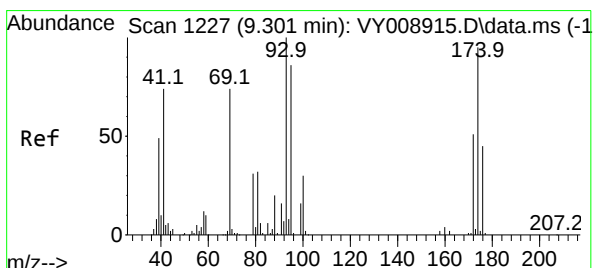
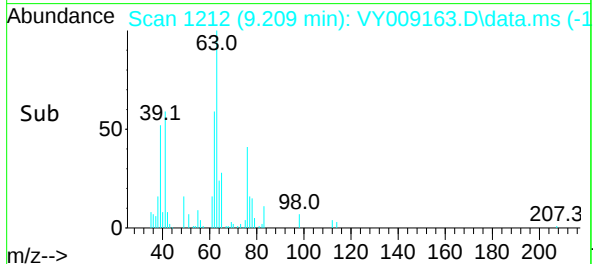
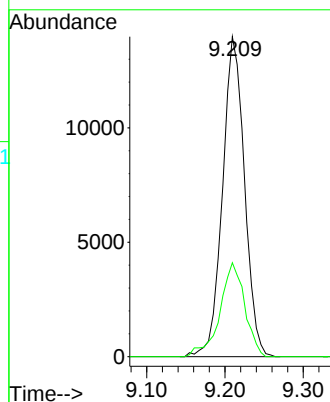
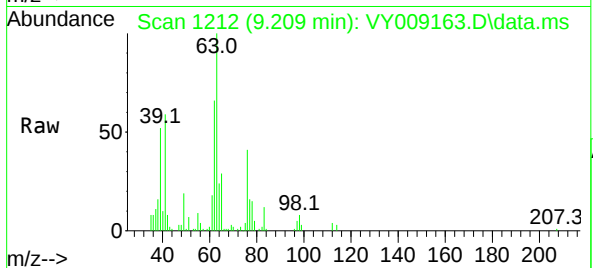
65 29.4 23.0 34.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/08/2022

Supervised By :Mahesh Dadoda 06/08/2022



#46

Dibromomethane

Concen: 18.350 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY009163.D

Acq: 07 Jun 2022 14:43

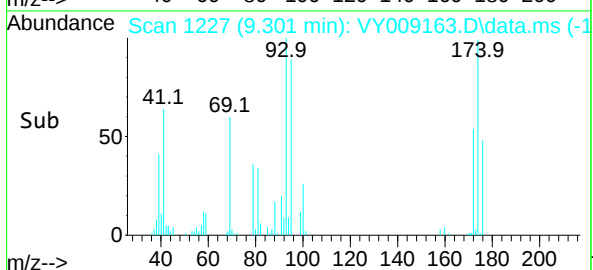
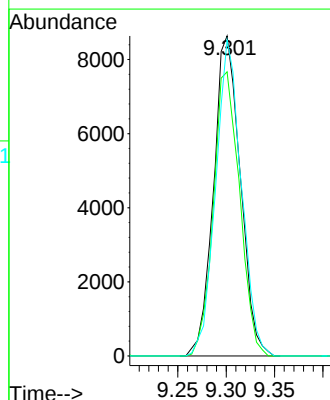
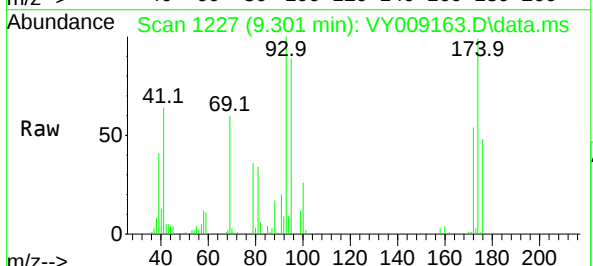
Tgt Ion: 93 Resp: 16593

Ion Ratio Lower Upper

93 100

95 87.1 64.3 96.5

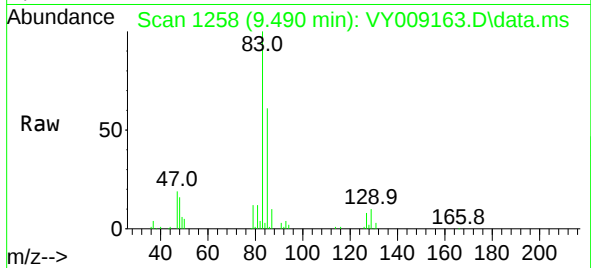
174 94.8 83.4 125.0





#47
Bromodichloromethane
Concen: 19.608 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VY009163.D
Acq: 07 Jun 2022 14:43

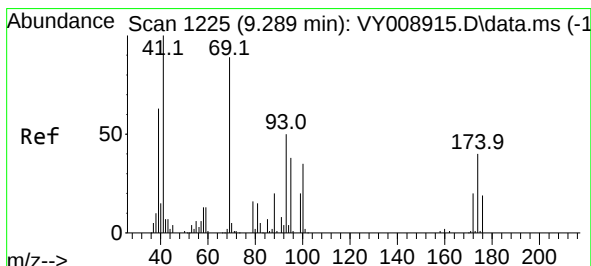
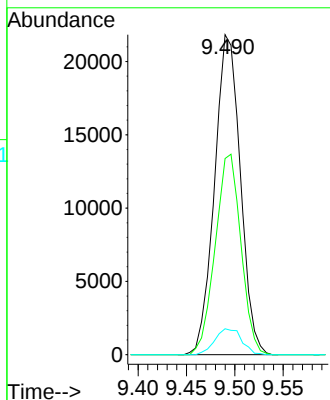
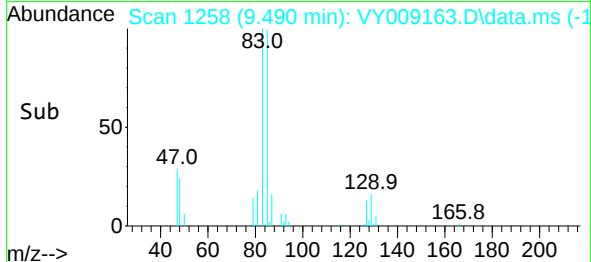
Instrument :
MSVOA_Y
ClientSampleId :
VY0607SBS02



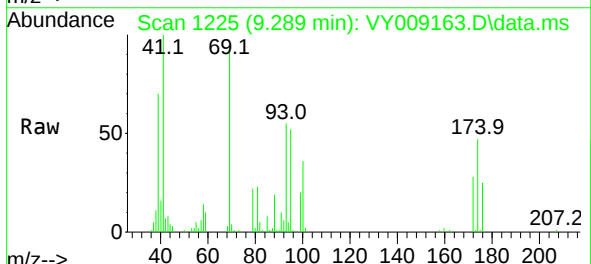
Tgt Ion: 83 Resp: 4052
Ion Ratio Lower Upper
83 100
85 61.3 51.9 77.9
127 8.1 6.6 10.0

Manual Integrations
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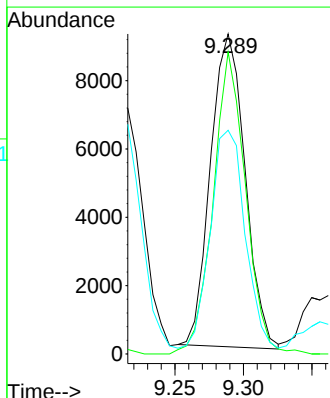
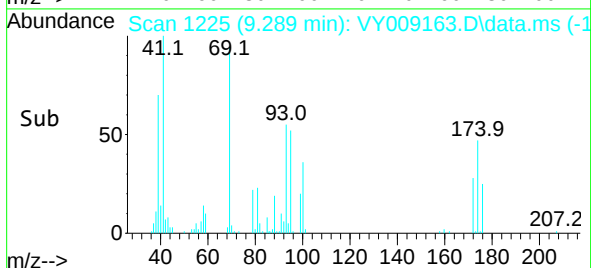
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

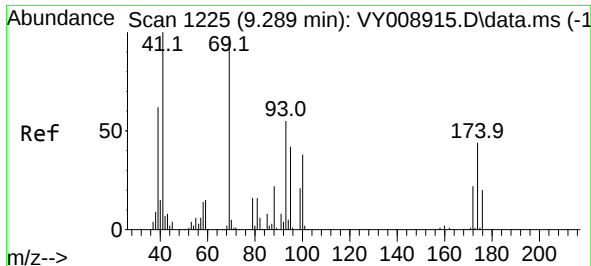


#48
Methyl methacrylate
Concen: 18.159 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY009163.D
Acq: 07 Jun 2022 14:43



Tgt Ion: 41 Resp: 16063
Ion Ratio Lower Upper
41 100
69 90.6 58.2 87.2#
39 70.5 47.4 71.0





#49

1,4-Dioxane

Concen: 363.924 ug/l

RT: 9.289 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009163.D

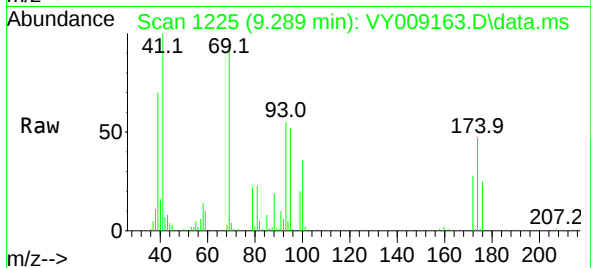
Acq: 07 Jun 2022 14:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0607SBS02



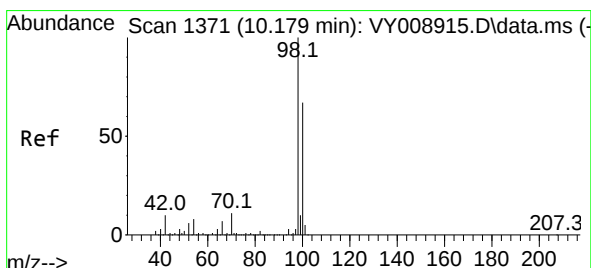
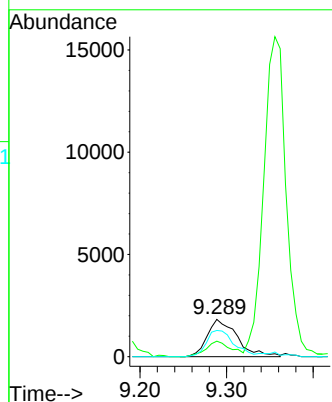
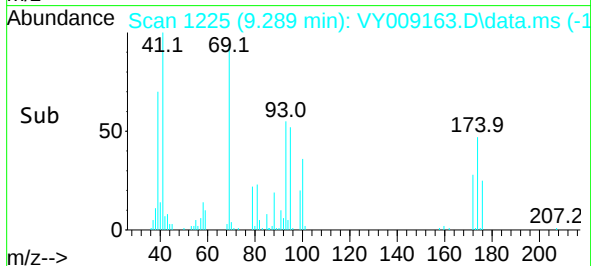
Tgt Ion:	88	Resp:	439
Ion Ratio	Lower	Upper	
88	100		
43	34.8	32.8	49.2
58	66.8	59.8	89.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/08/2022

Supervised By :Mahesh Dadoda 06/08/2022



#50

Toluene-d8

Concen: 40.892 ug/l

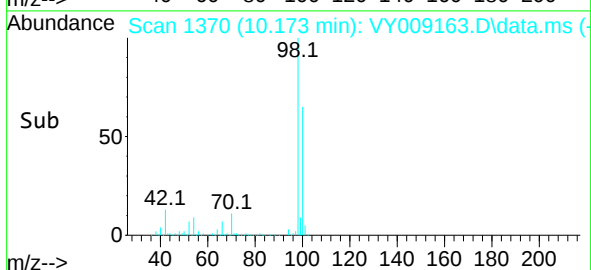
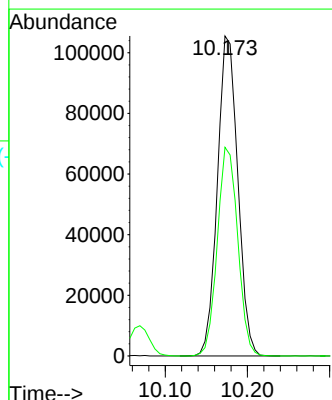
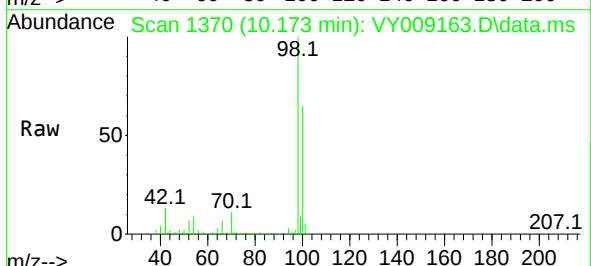
RT: 10.173 min Scan# 1370

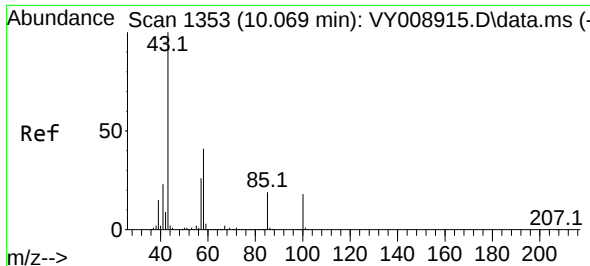
Delta R.T. -0.006 min

Lab File: VY009163.D

Acq: 07 Jun 2022 14:43

Tgt Ion:	98	Resp:	182063
Ion Ratio	Lower	Upper	
98	100		
100	65.4	50.2	75.2





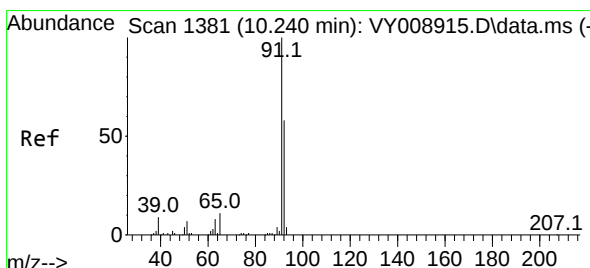
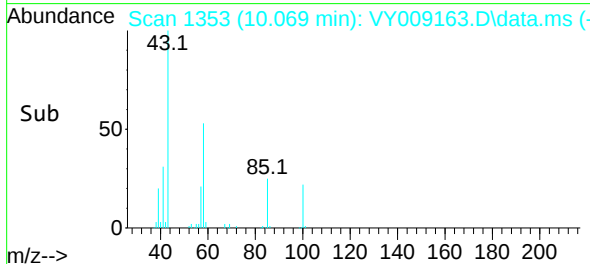
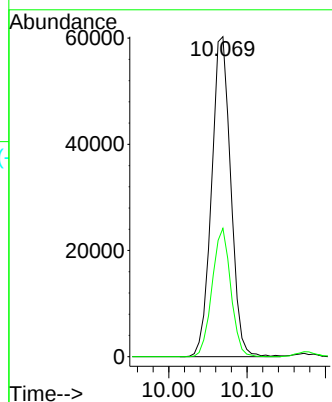
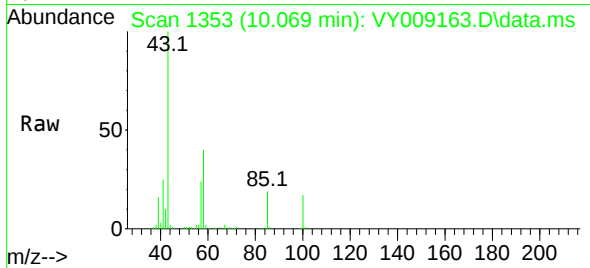
#51
4-Methyl-2-Pentanone
Concen: 93.523 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY009163.D
Acq: 07 Jun 2022 14:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0607SBSD02

Tgt Ion: 43 Resp: 102534
Ion Ratio Lower Upper
43 100
58 38.9 28.1 42.1

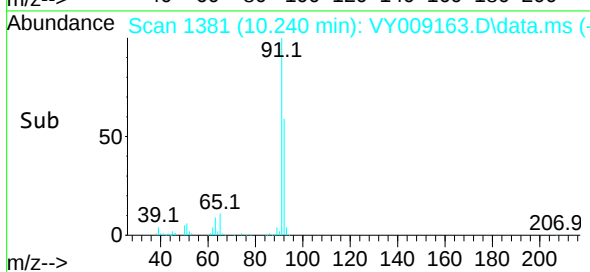
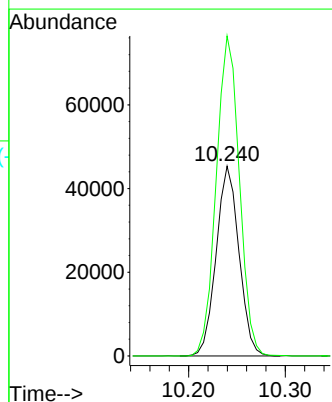
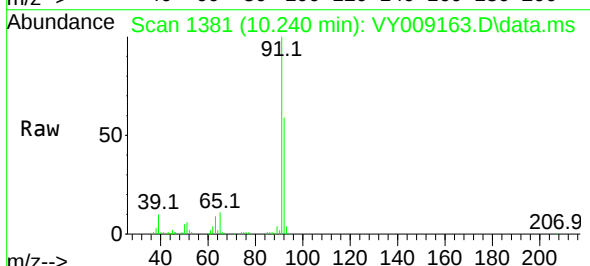
Manual Integrations
APPROVED

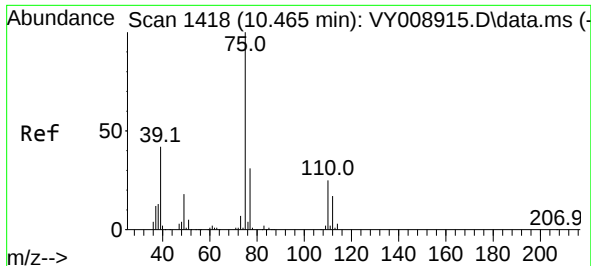
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#52
Toluene
Concen: 17.915 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY009163.D
Acq: 07 Jun 2022 14:43

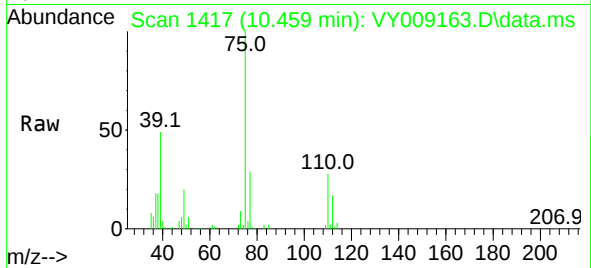
Tgt Ion: 92 Resp: 74147
Ion Ratio Lower Upper
92 100
91 171.1 142.6 213.8





#53
t-1,3-Dichloropropene
Concen: 18.436 ug/l
RT: 10.459 min Scan# 1418
Delta R.T. -0.006 min
Lab File: VY009163.D
Acq: 07 Jun 2022 14:43

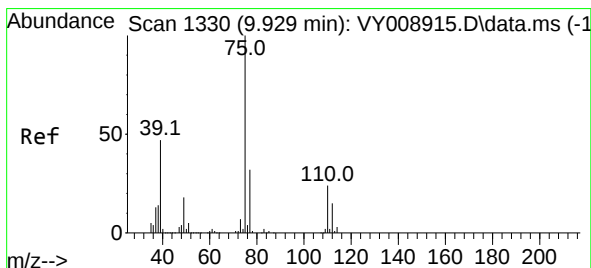
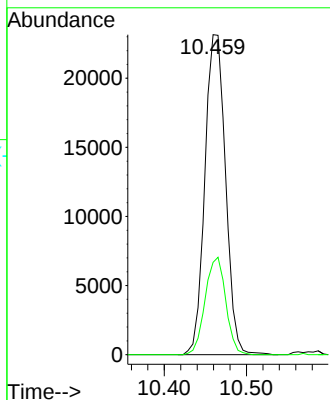
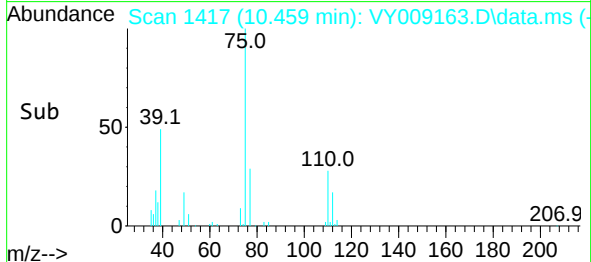
Instrument :
MSVOA_Y
ClientSampleId :
VY0607SBS02



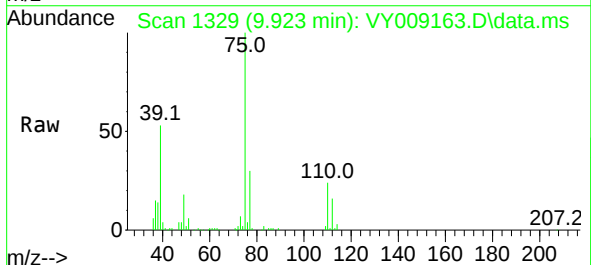
Tgt Ion: 75 Resp: 40458
Ion Ratio Lower Upper
75 100
77 28.8 25.4 38.2

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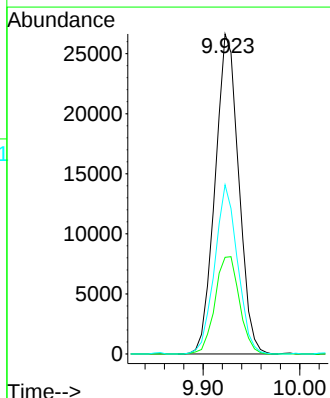
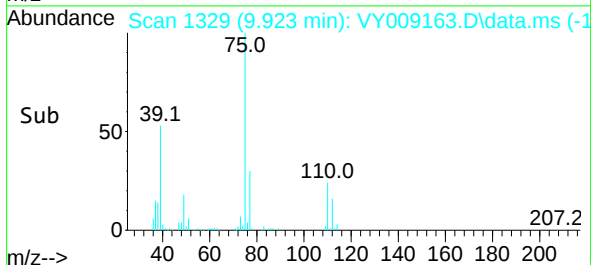
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

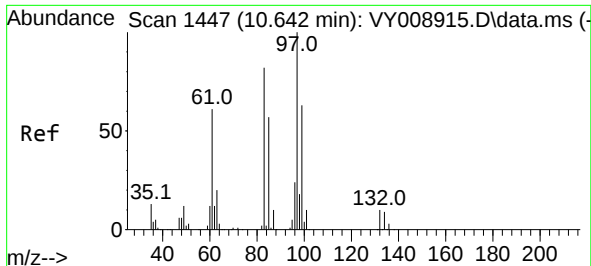


#54
cis-1,3-Dichloropropene
Concen: 19.102 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.006 min
Lab File: VY009163.D
Acq: 07 Jun 2022 14:43



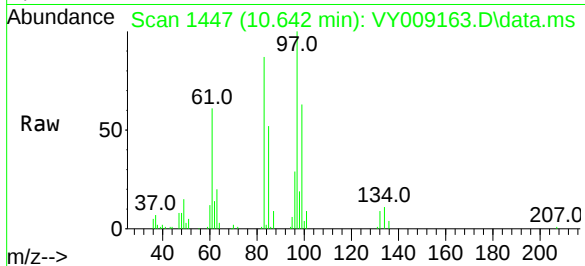
Tgt Ion: 75 Resp: 45066
Ion Ratio Lower Upper
75 100
77 30.2 25.6 38.4
39 52.8 47.6 71.4





#55
1,1,2-Trichloroethane
Concen: 18.457 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY009163.D
Acq: 07 Jun 2022 14:43

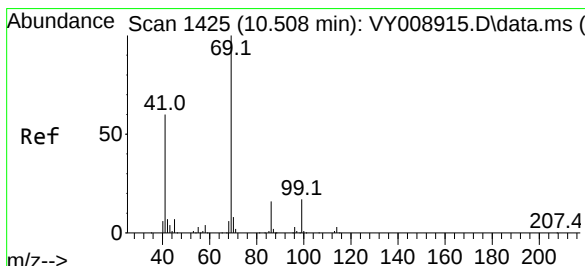
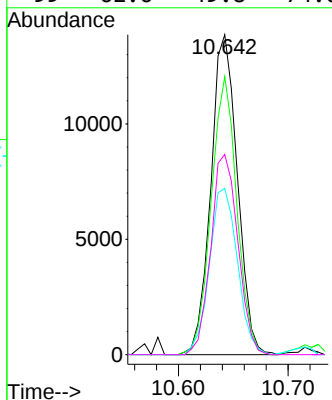
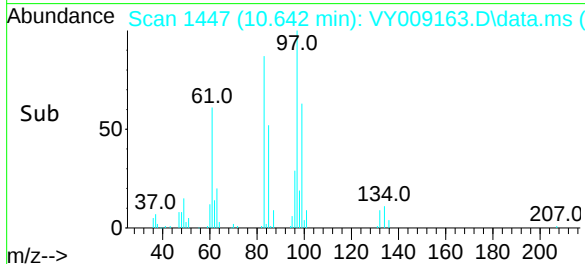
Instrument :
MSVOA_Y
ClientSampleId :
VY0607SBSD02



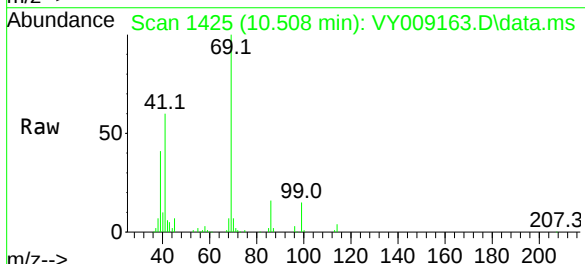
Tgt Ion:	97	Resp:	23349
Ion	Ratio	Lower	Upper
97	100		
83	86.9	69.8	104.8
85	52.0	44.3	66.5
99	62.6	49.8	74.6

Manual Integrations
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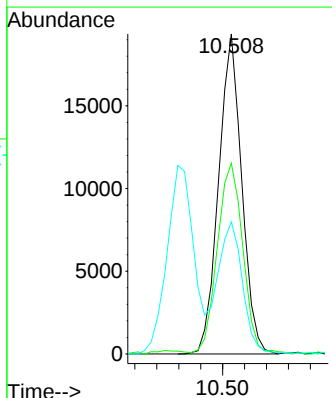
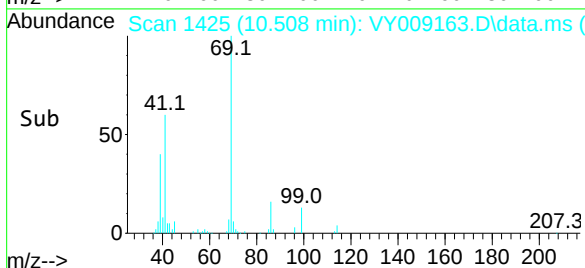
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#56
Ethyl methacrylate
Concen: 17.524 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY009163.D
Acq: 07 Jun 2022 14:43



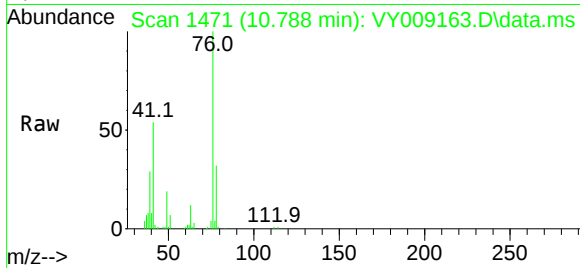
Tgt Ion:	69	Resp:	28344
Ion	Ratio	Lower	Upper
69	100		
41	65.7	63.4	95.0
39	44.1	35.8	53.8





#57
1,3-Dichloropropane
Concen: 18.992 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. -0.001 min
Lab File: VY009163.D
Acq: 07 Jun 2022 14:43

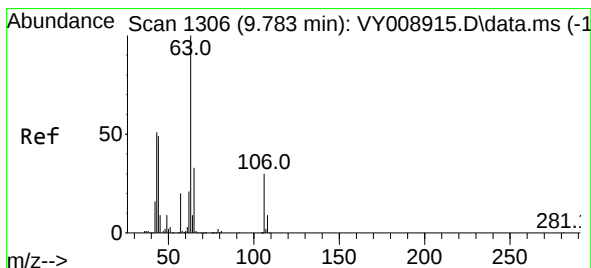
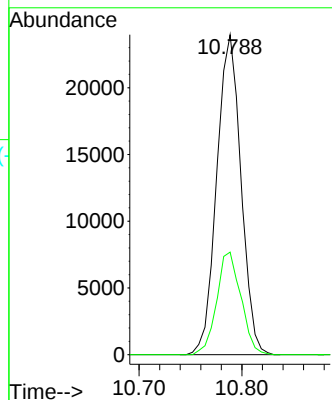
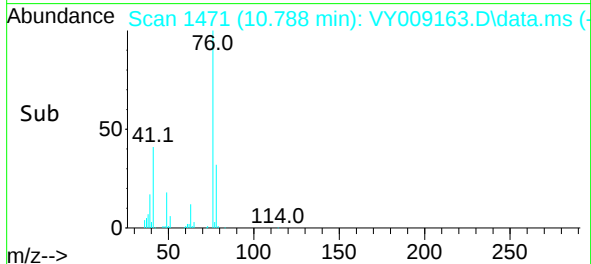
Instrument :
MSVOA_Y
ClientSampleId :
VY0607SBSD02



Tgt Ion: 76 Resp: 3919
Ion Ratio Lower Upper
76 100
78 32.0 25.0 37.6

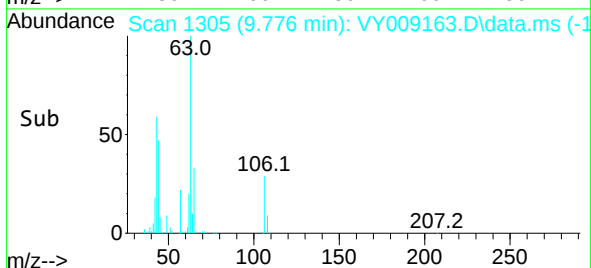
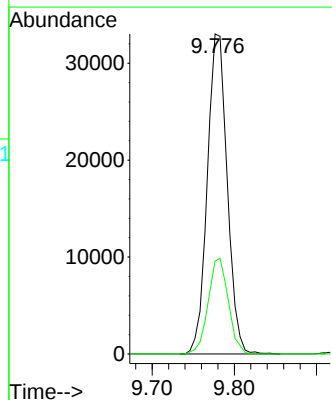
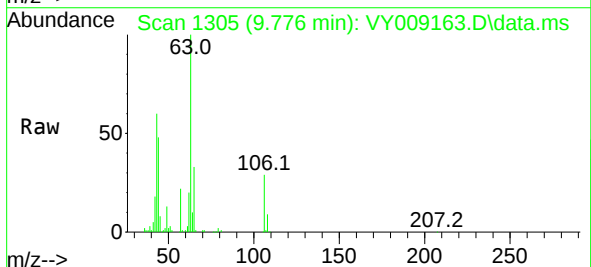
Manual Integrations
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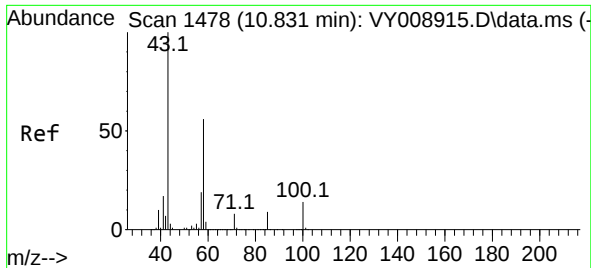
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#58
2-Chloroethyl Vinyl ether
Concen: 79.457 ug/l
RT: 9.776 min Scan# 1305
Delta R.T. -0.007 min
Lab File: VY009163.D
Acq: 07 Jun 2022 14:43

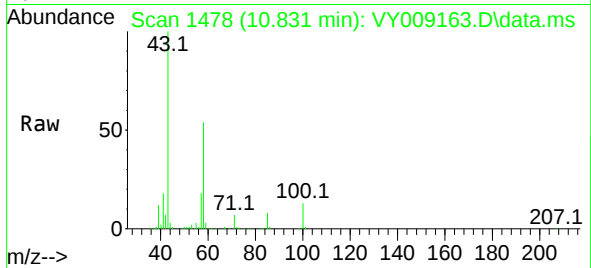
Tgt Ion: 63 Resp: 55599
Ion Ratio Lower Upper
63 100
106 30.3 21.5 32.3





#59
2-Hexanone
Concen: 92.954 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY009163.D
Acq: 07 Jun 2022 14:43

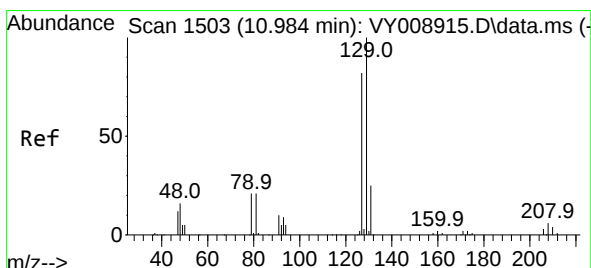
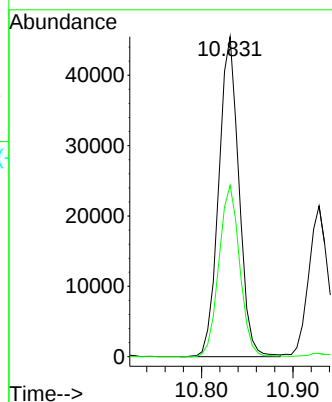
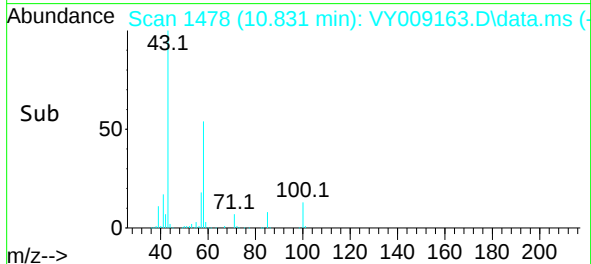
Instrument :
MSVOA_Y
ClientSampleId :
VY0607SBSD02



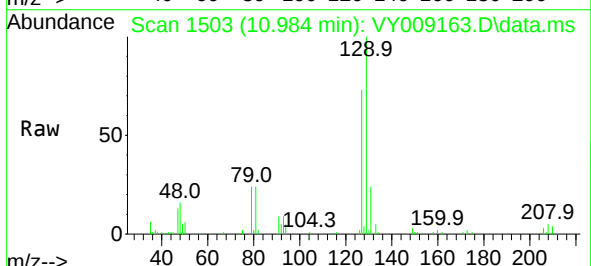
Tgt Ion: 43 Resp: 69775
Ion Ratio Lower Upper
43 100
58 55.1 24.4 73.4

Manual Integrations
APPROVED

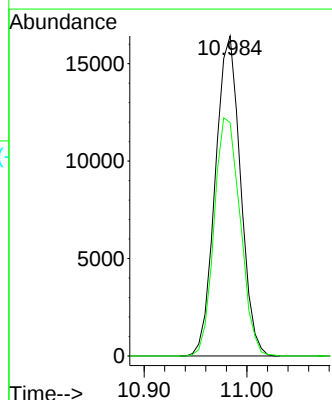
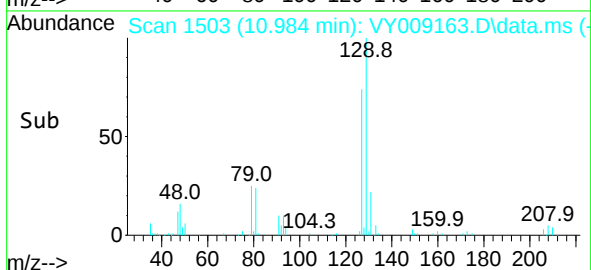
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

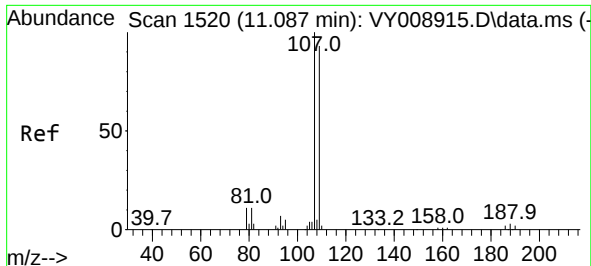


#60
Dibromochloromethane
Concen: 18.189 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY009163.D
Acq: 07 Jun 2022 14:43



Tgt Ion:129 Resp: 27894
Ion Ratio Lower Upper
129 100
127 77.3 38.7 116.1





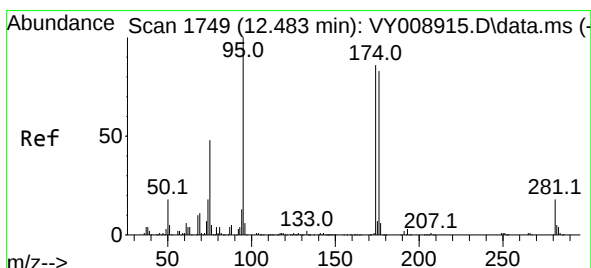
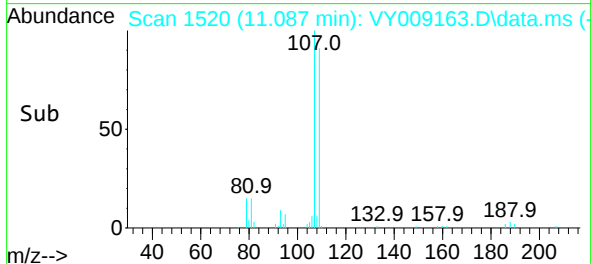
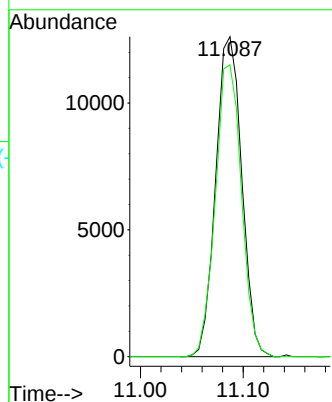
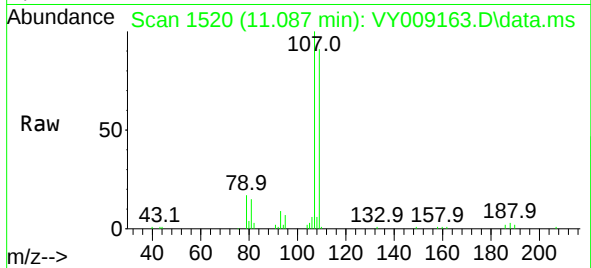
#61
1,2-Dibromoethane
Concen: 17.712 ug/l
RT: 11.087 min Scan# 1108
Delta R.T. 0.000 min
Lab File: VY009163.D
Acq: 07 Jun 2022 14:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0607SBSD02

Tgt Ion:107 Resp: 22204
Ion Ratio Lower Upper
107 100
109 91.7 75.4 113.2

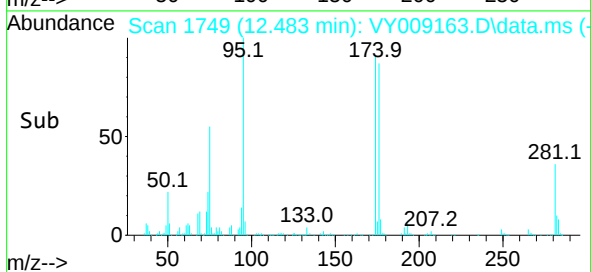
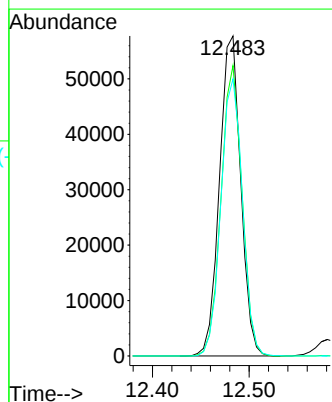
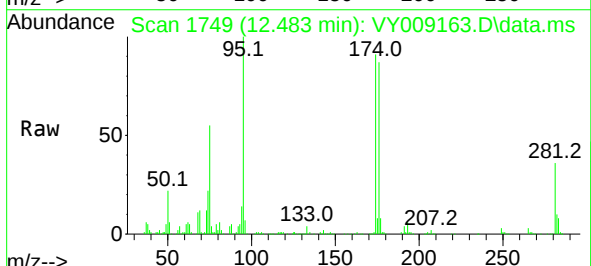
Manual Integrations
APPROVED

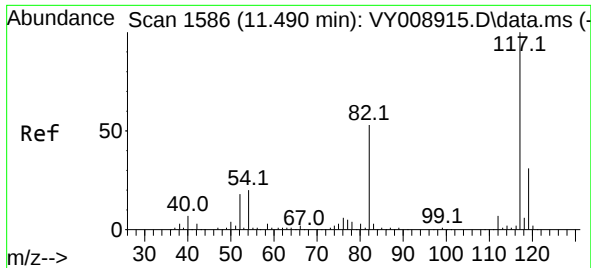
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#62
4-Bromofluorobenzene
Concen: 48.927 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY009163.D
Acq: 07 Jun 2022 14:43

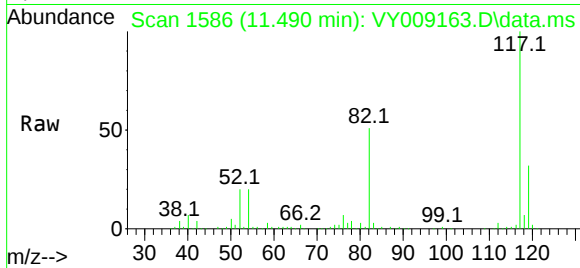
Tgt Ion: 95 Resp: 87873
Ion Ratio Lower Upper
95 100
174 89.5 0.0 177.0
176 88.0 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY009163.D
Acq: 07 Jun 2022 14:43

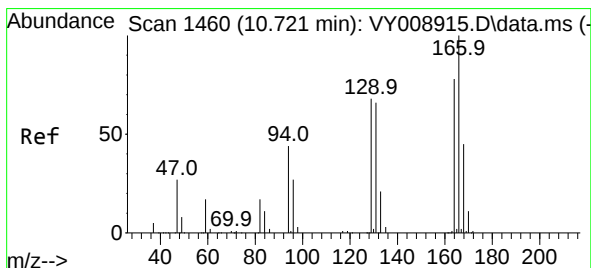
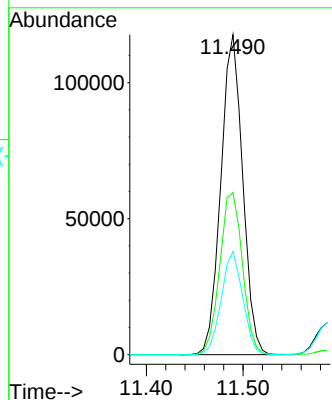
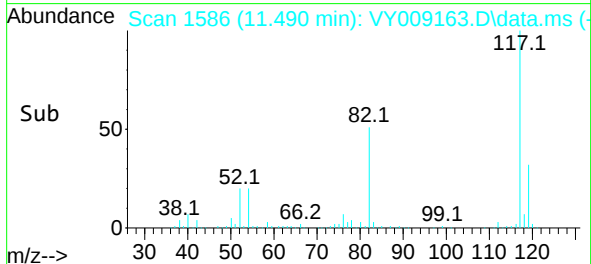
Instrument :
MSVOA_Y
ClientSampleId :
VY0607SBSD02



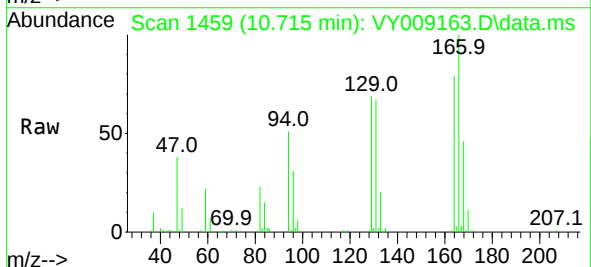
Tgt Ion:117 Resp: 184119
Ion Ratio Lower Upper
117 100
82 50.7 43.0 64.4
119 32.2 25.4 38.0

Manual Integrations
APPROVED

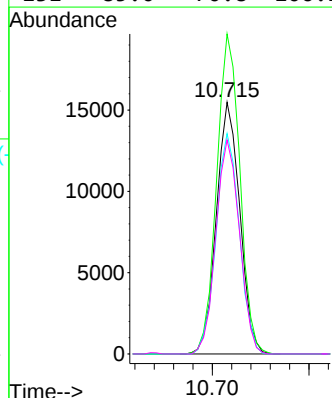
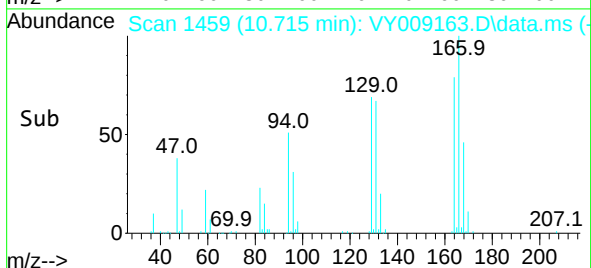
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

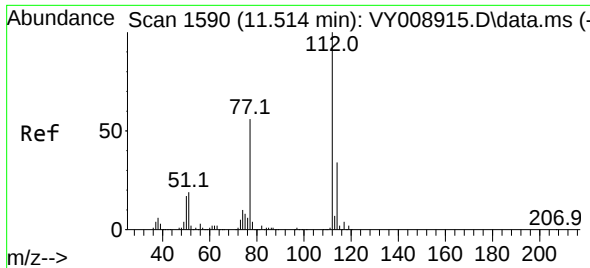


#64
Tetrachloroethene
Concen: 19.408 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY009163.D
Acq: 07 Jun 2022 14:43



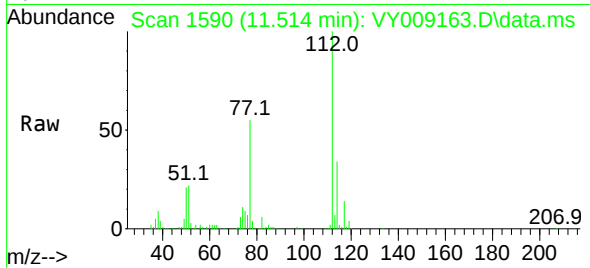
Tgt Ion:164 Resp: 26009
Ion Ratio Lower Upper
164 100
166 127.1 100.4 150.6
129 87.5 71.4 107.0
131 85.0 70.8 106.2





#65
Chlorobenzene
Concen: 18.740 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. -0.000 min
Lab File: VY009163.D
Acq: 07 Jun 2022 14:43

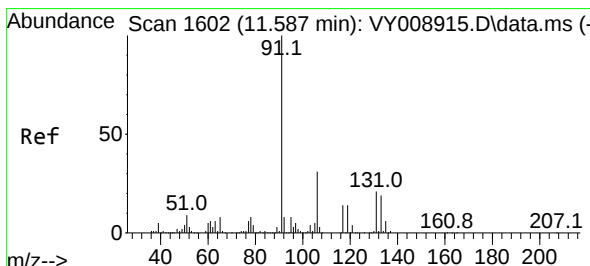
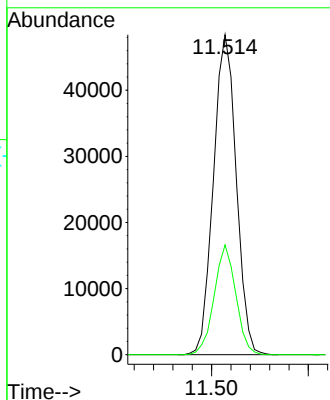
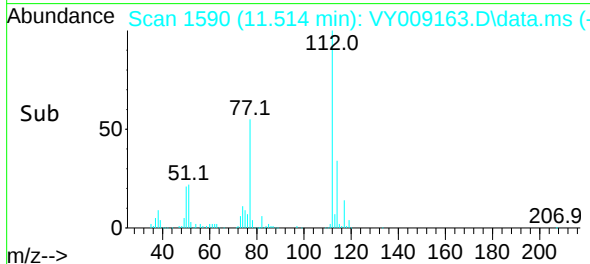
Instrument :
MSVOA_Y
ClientSampleId :
VY0607SBSD02



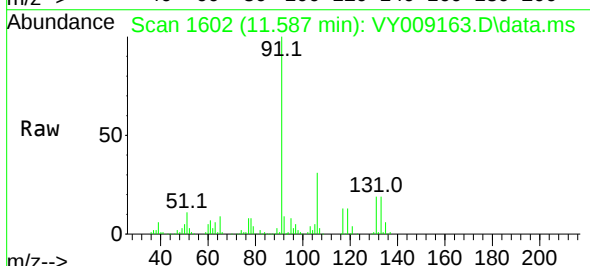
Tgt Ion:112 Resp: 79190
Ion Ratio Lower Upper
112 100
114 34.3 25.8 38.6

Manual Integrations
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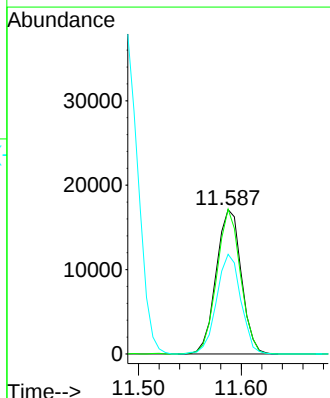
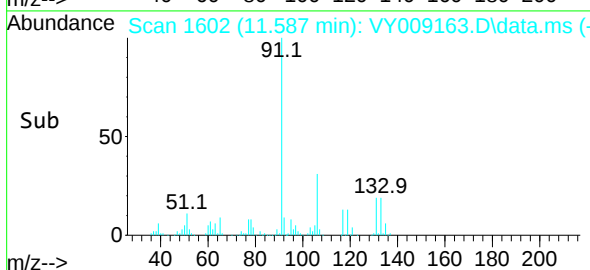
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

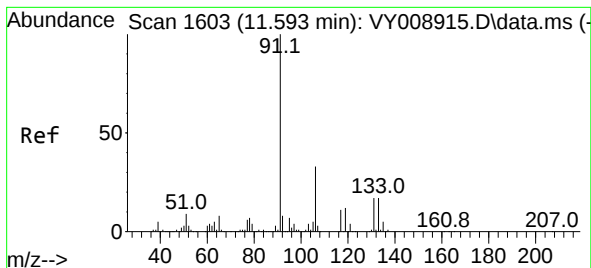


#66
1,1,1,2-Tetrachloroethane
Concen: 18.740 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY009163.D
Acq: 07 Jun 2022 14:43



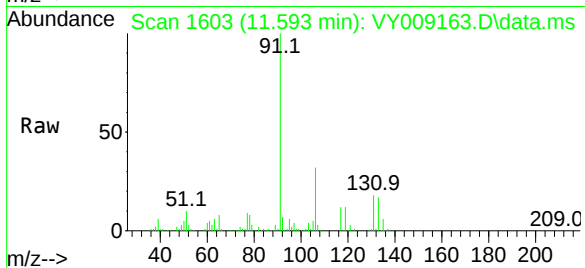
Tgt Ion:131 Resp: 28998
Ion Ratio Lower Upper
131 100
133 94.9 47.9 143.6
119 66.7 30.8 92.3





#67
Ethyl Benzene
Concen: 18.610 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY009163.D
Acq: 07 Jun 2022 14:43

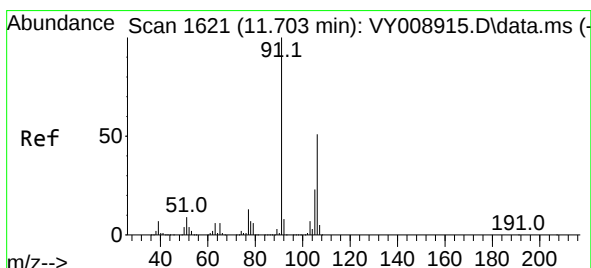
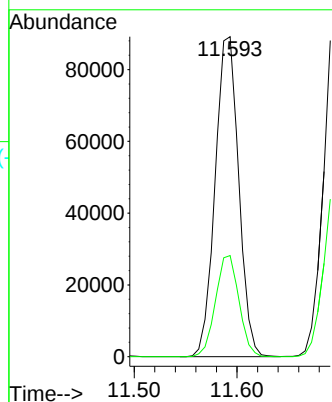
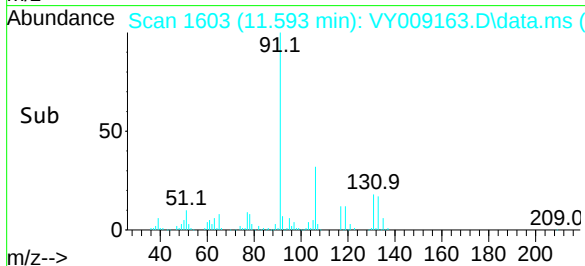
Instrument :
MSVOA_Y
ClientSampleId :
VY0607SBSD02



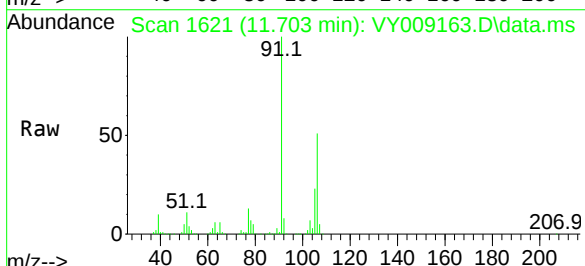
Tgt Ion: 91 Resp: 141728
Ion Ratio Lower Upper
91 100
106 31.6 24.5 36.7

Manual Integrations
APPROVED

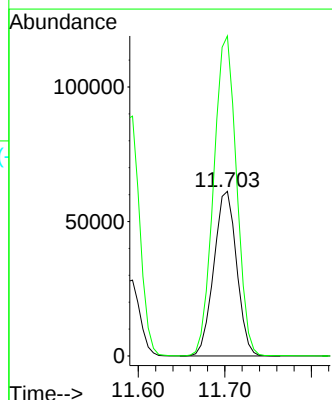
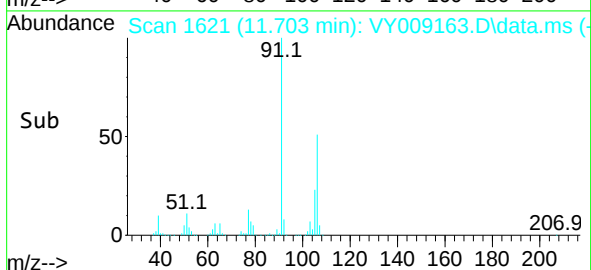
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

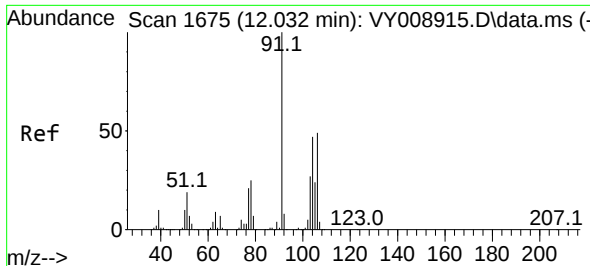


#68
m/p-Xylenes
Concen: 36.204 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY009163.D
Acq: 07 Jun 2022 14:43



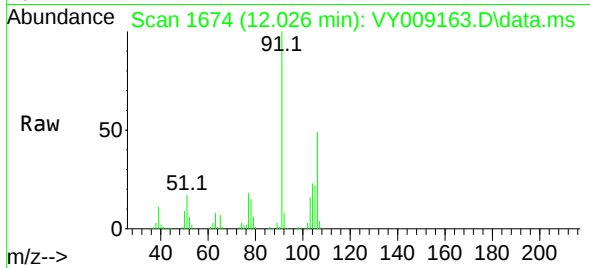
Tgt Ion:106 Resp: 111928
Ion Ratio Lower Upper
106 100
91 194.7 166.6 249.8





#69
o-Xylene
Concen: 18.305 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY009163.D
Acq: 07 Jun 2022 14:43

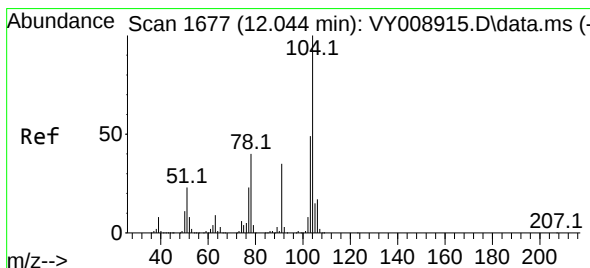
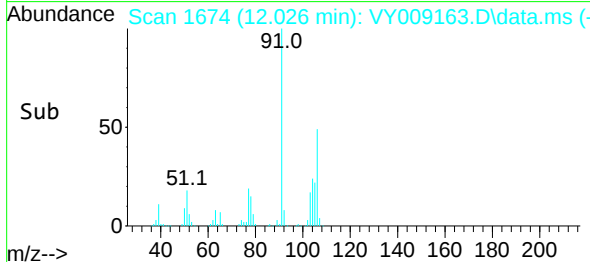
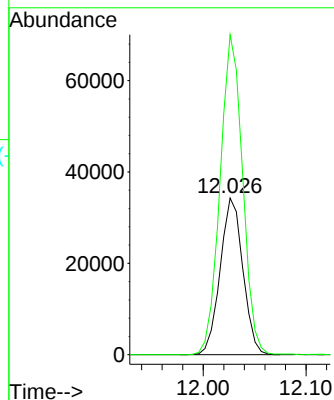
Instrument :
MSVOA_Y
ClientSampleId :
VY0607SBS02



Tgt Ion:106 Resp: 52552
Ion Ratio Lower Upper
106 100
91 202.7 110.3 331.0

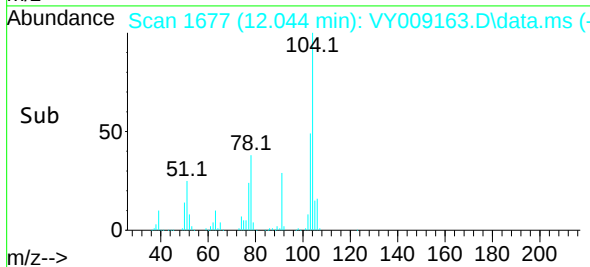
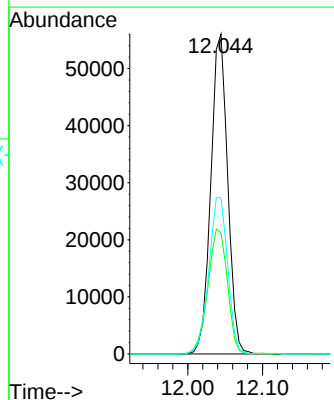
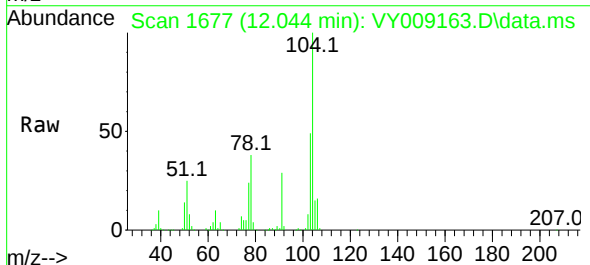
Manual Integrations
APPROVED

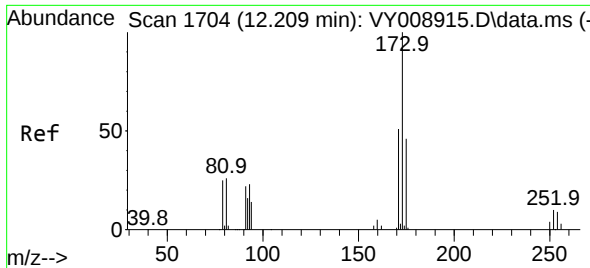
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#70
Styrene
Concen: 17.826 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY009163.D
Acq: 07 Jun 2022 14:43

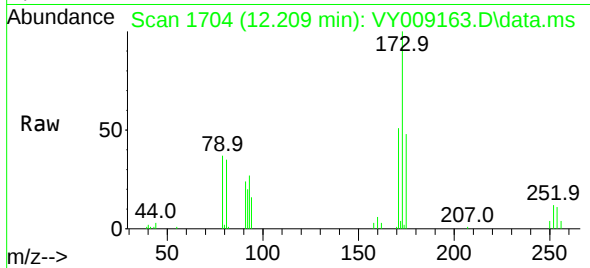
Tgt Ion:104 Resp: 88011
Ion Ratio Lower Upper
104 100
78 45.0 42.4 63.6
103 54.6 44.4 66.6





#71
Bromoform
Concen: 16.651 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY009163.D
Acq: 07 Jun 2022 14:43

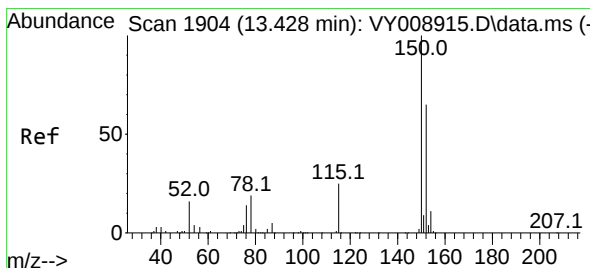
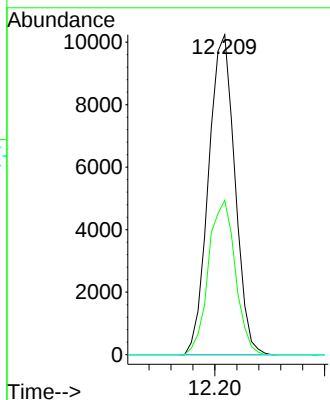
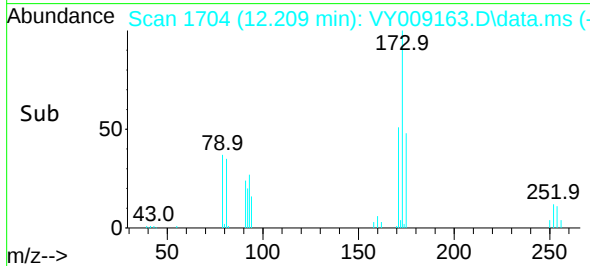
Instrument :
MSVOA_Y
ClientSampleId :
VY0607SBSD02



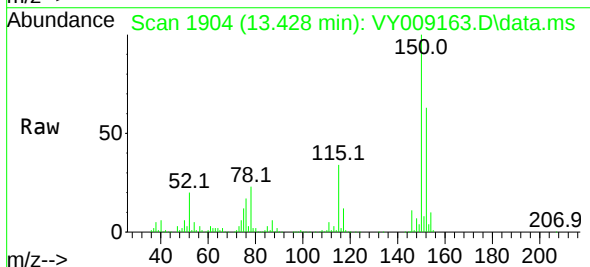
Tgt Ion:173 Resp: 17080
Ion Ratio Lower Upper
173 100
175 49.0 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

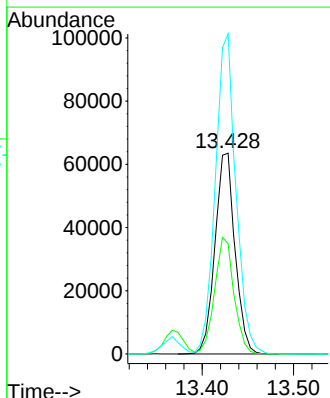
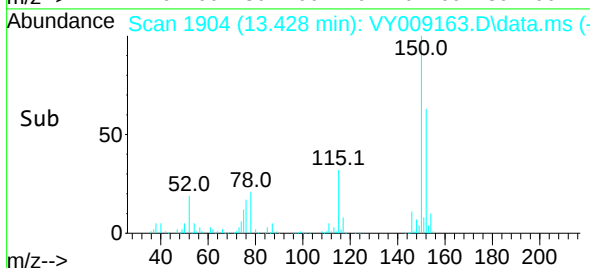
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

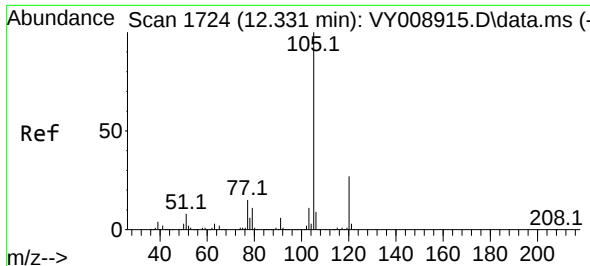


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY009163.D
Acq: 07 Jun 2022 14:43



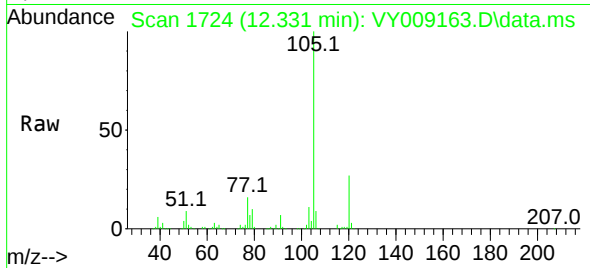
Tgt Ion:152 Resp: 96916
Ion Ratio Lower Upper
152 100
115 56.0 28.2 84.7
150 163.5 0.0 347.6





#73
Isopropylbenzene
Concen: 18.970 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009163.D
Acq: 07 Jun 2022 14:43

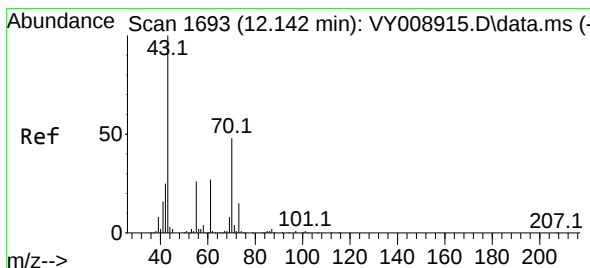
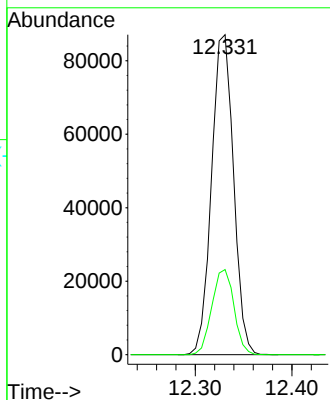
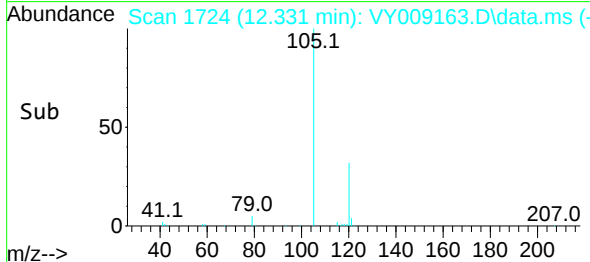
Instrument :
MSVOA_Y
ClientSampleId :
VY0607SBS02



Tgt Ion:105 Resp: 137470
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.2

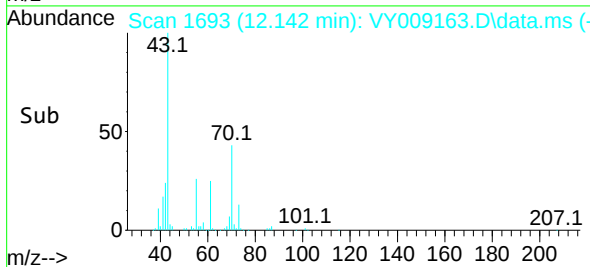
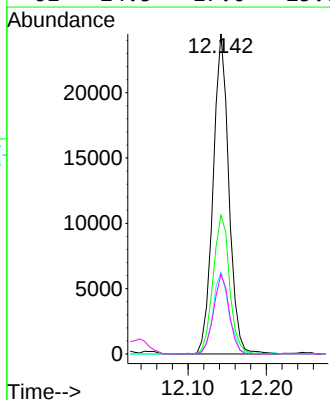
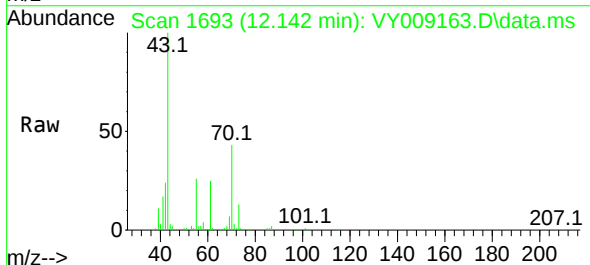
Manual Integrations
APPROVED

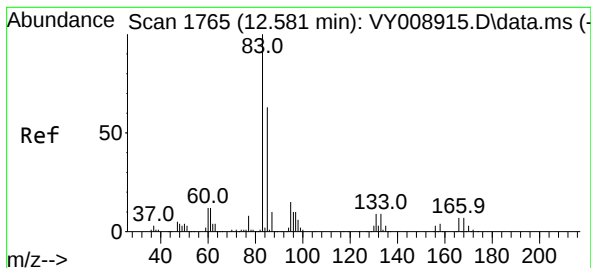
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#74
N-ethyl acetate
Concen: 20.504 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY009163.D
Acq: 07 Jun 2022 14:43

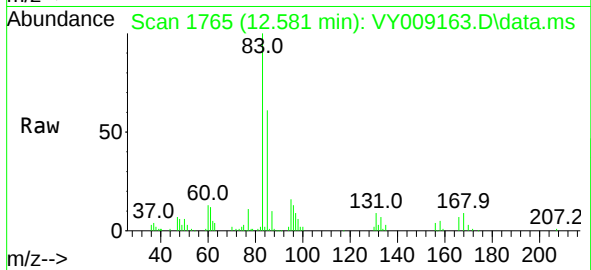
Tgt Ion: 43 Resp: 34282
Ion Ratio Lower Upper
43 100
70 45.1 28.7 43.1#
55 25.9 17.3 25.9#
61 24.5 17.0 25.6





#75
1,1,2,2-Tetrachloroethane
Concen: 19.160 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY009163.D
Acq: 07 Jun 2022 14:43

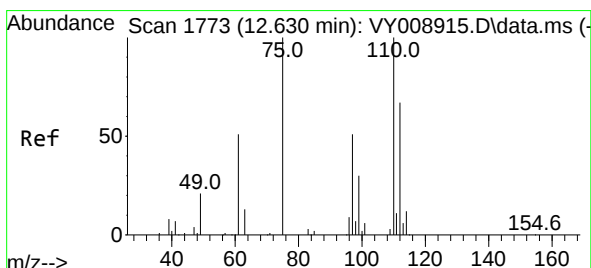
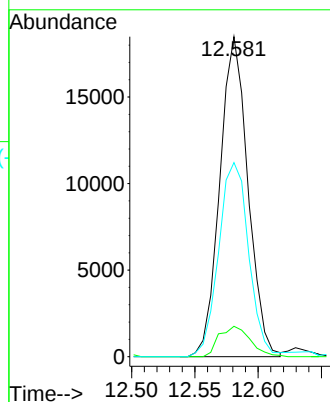
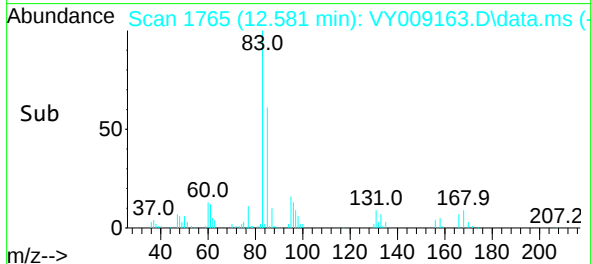
Instrument :
MSVOA_Y
ClientSampleId :
VY0607SBS02



Tgt Ion: 83 Resp: 2860
Ion Ratio Lower Upper
83 100
131 10.6 5.6 16.8
85 64.7 32.3 96.8

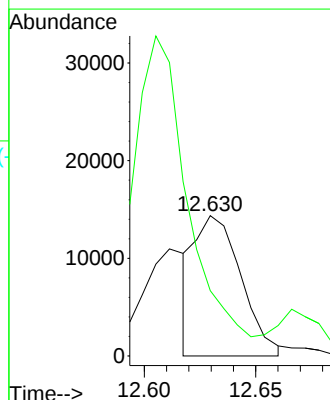
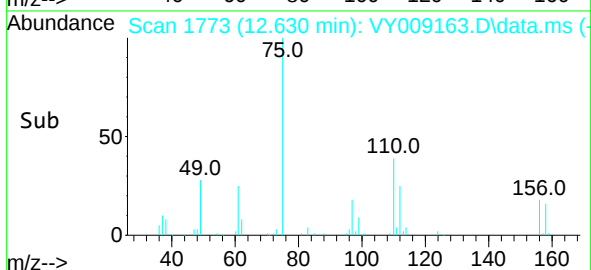
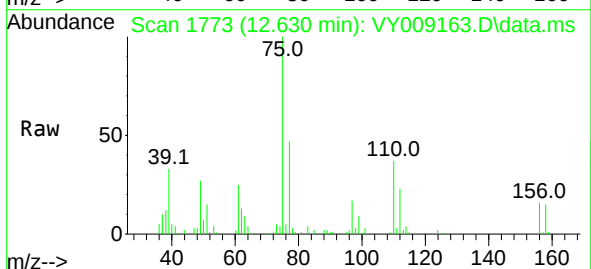
Manual Integrations
APPROVED

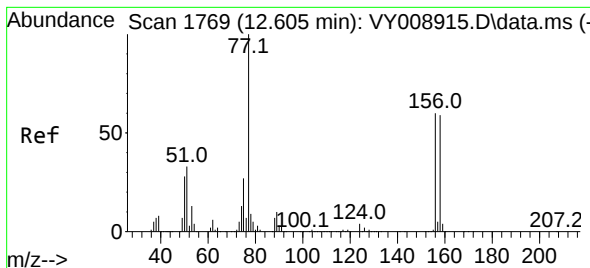
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#76
1,2,3-Trichloropropane
Concen: 20.020 ug/l m
RT: 12.630 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY009163.D
Acq: 07 Jun 2022 14:43

Tgt Ion: 75 Resp: 20836
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.411 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY009163.D

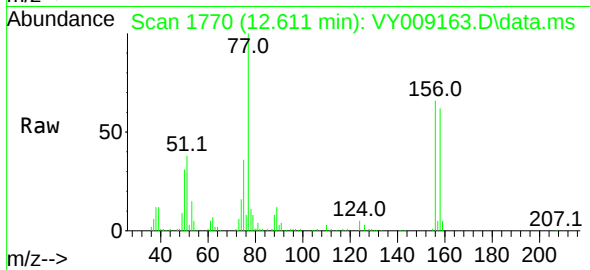
Acq: 07 Jun 2022 14:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0607SBS02



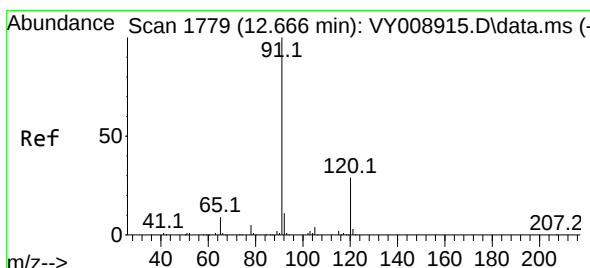
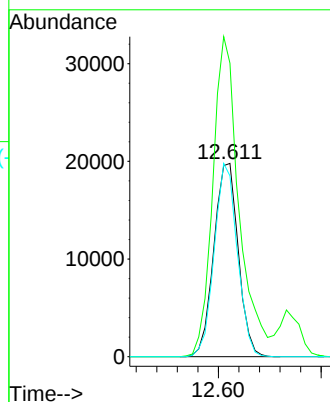
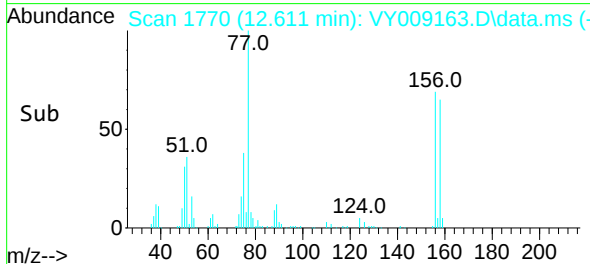
Tgt Ion:	156	Resp:	32608
Ion Ratio	Lower	Upper	
156	100		
77	177.2	95.5	286.4
158	94.6	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/08/2022

Supervised By :Mahesh Dadoda 06/08/2022



#78

n-propylbenzene

Concen: 20.662 ug/l

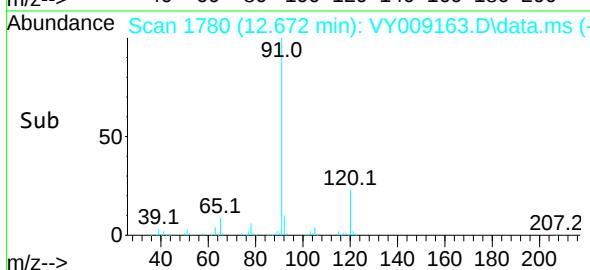
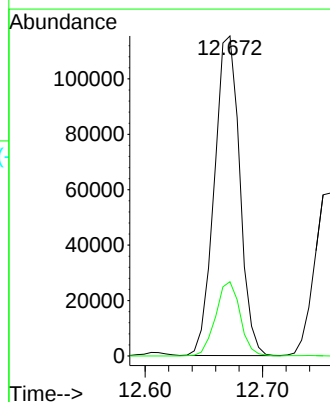
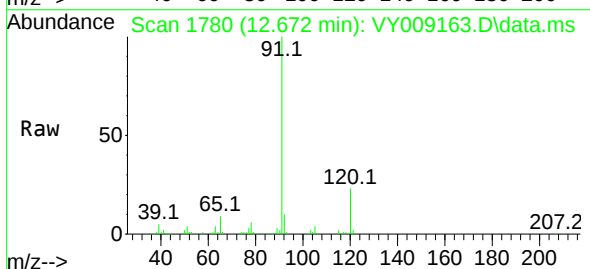
RT: 12.672 min Scan# 1780

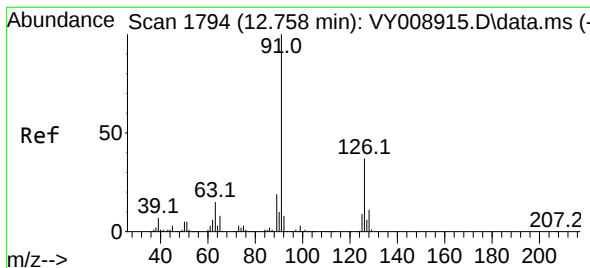
Delta R.T. 0.006 min

Lab File: VY009163.D

Acq: 07 Jun 2022 14:43

Tgt Ion:	91	Resp:	172997
Ion Ratio	Lower	Upper	
91	100		
120	22.5	11.3	33.9





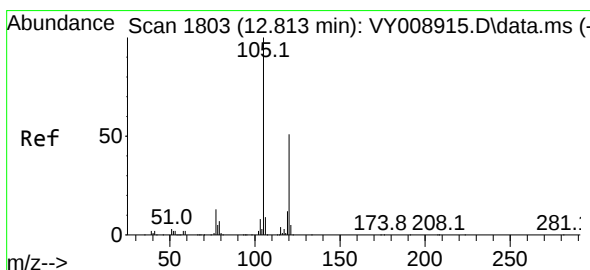
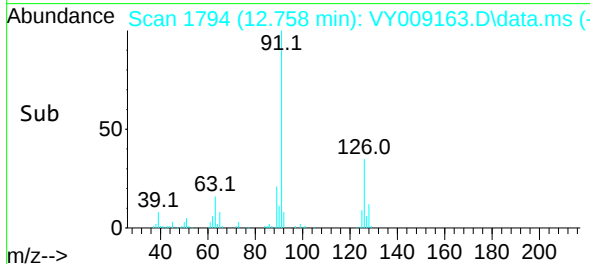
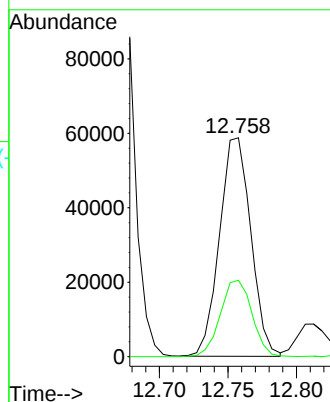
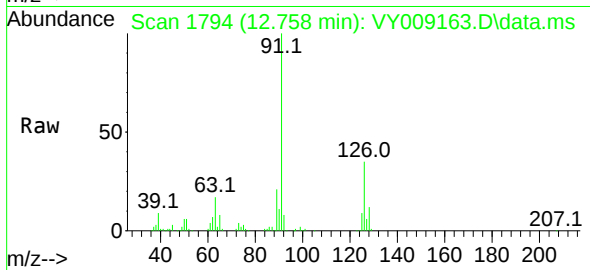
#79
2-Chlorotoluene
Concen: 19.402 ug/l
RT: 12.758 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009163.D
Acq: 07 Jun 2022 14:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0607SBS02

Tgt Ion: 91 Resp: 9370
Ion Ratio Lower Upper
91 100
126 35.3 16.9 50.6

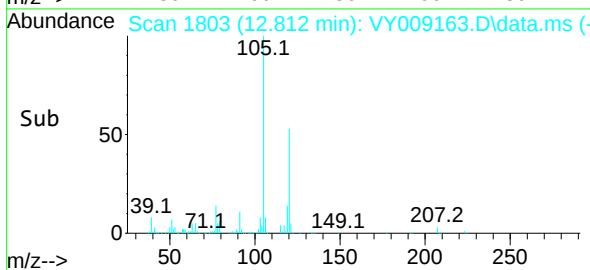
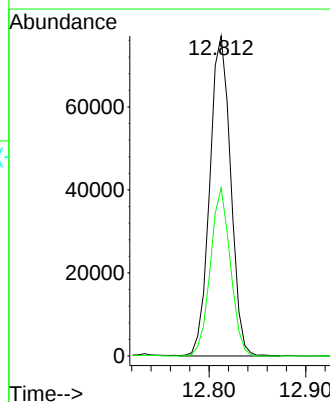
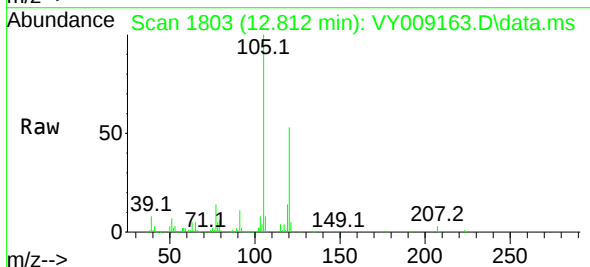
Manual Integrations
APPROVED

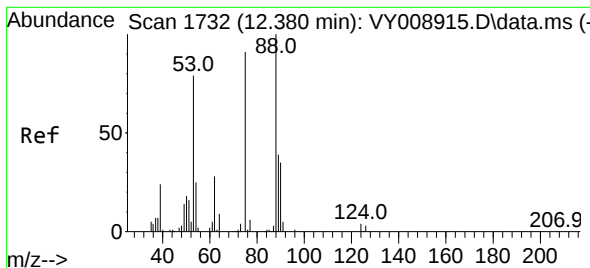
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#80
1,3,5-Trimethylbenzene
Concen: 19.065 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.001 min
Lab File: VY009163.D
Acq: 07 Jun 2022 14:43

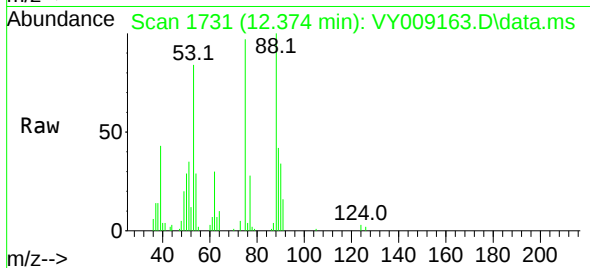
Tgt Ion:105 Resp: 115803
Ion Ratio Lower Upper
105 100
120 50.2 24.4 73.4





#81
trans-1,4-Dichloro-2-butene
Concen: 19.554 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VY009163.D
Acq: 07 Jun 2022 14:43

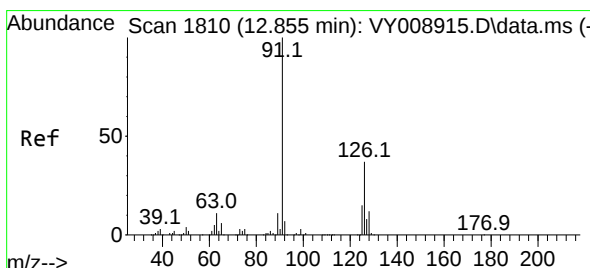
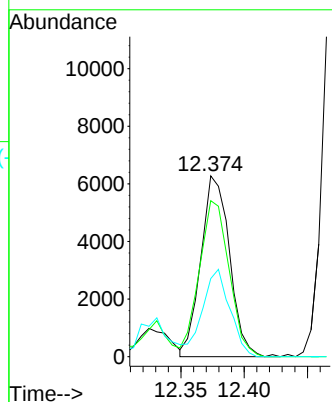
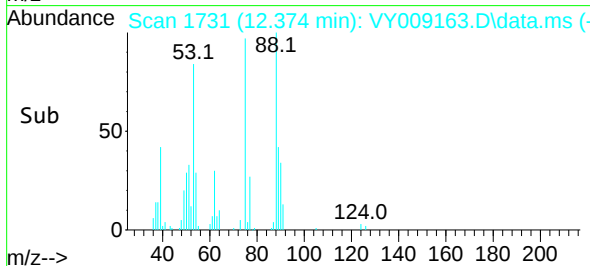
Instrument :
MSVOA_Y
ClientSampleId :
VY0607SBSD02



Tgt Ion: 75 Resp: 991
Ion Ratio Lower Upper
75 100
53 89.5 85.3 127.9
89 46.6 37.0 55.4

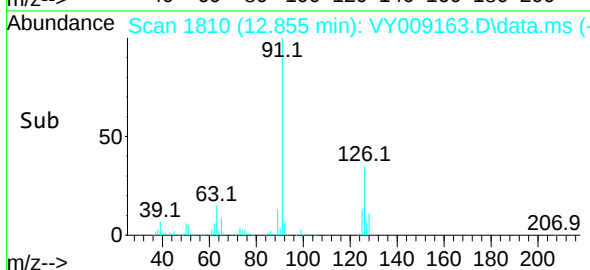
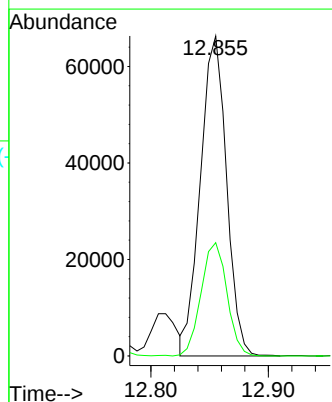
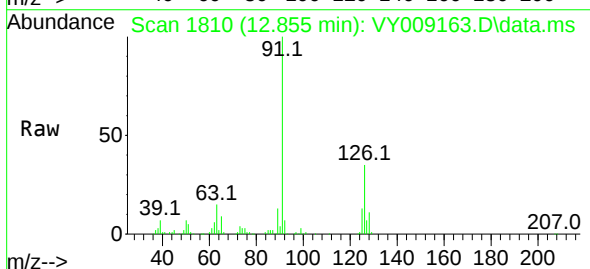
Manual Integrations
APPROVED

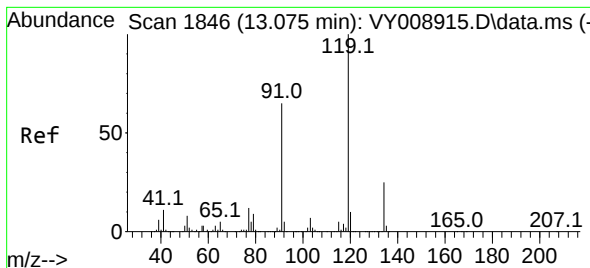
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#82
4-Chlorotoluene
Concen: 19.802 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY009163.D
Acq: 07 Jun 2022 14:43

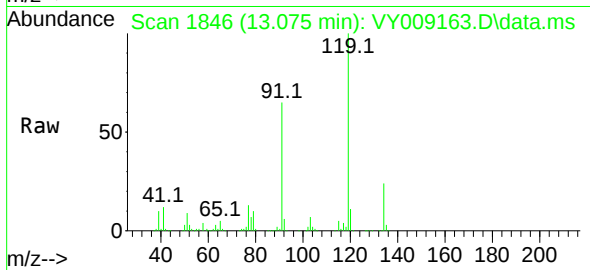
Tgt Ion: 91 Resp: 102286
Ion Ratio Lower Upper
91 100
126 35.1 17.0 51.0





#83
tert-Butylbenzene
Concen: 18.817 ug/l
RT: 13.075 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY009163.D
Acq: 07 Jun 2022 14:43

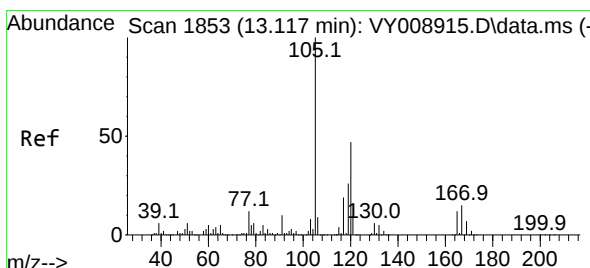
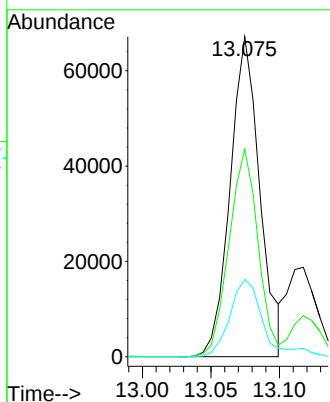
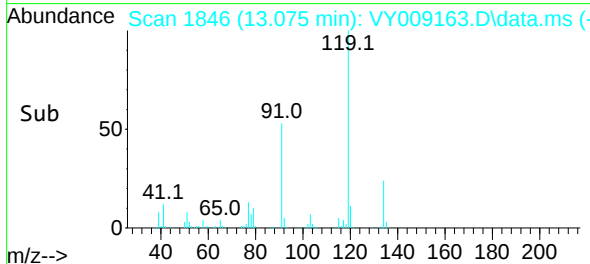
Instrument :
MSVOA_Y
ClientSampleId :
VY0607SBSD02



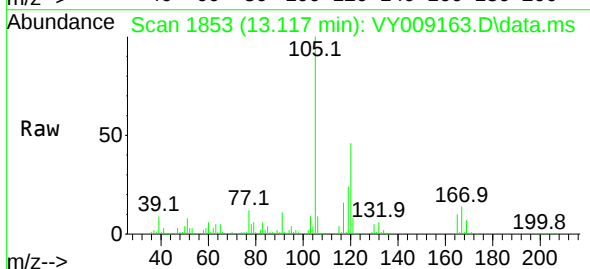
Tgt Ion:119 Resp: 10140
Ion Ratio Lower Upper
119 100
91 63.2 34.8 104.4
134 27.0 13.3 39.9

Manual Integrations
APPROVED

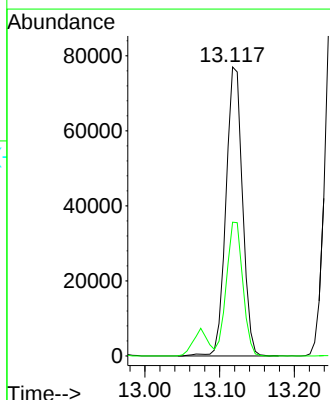
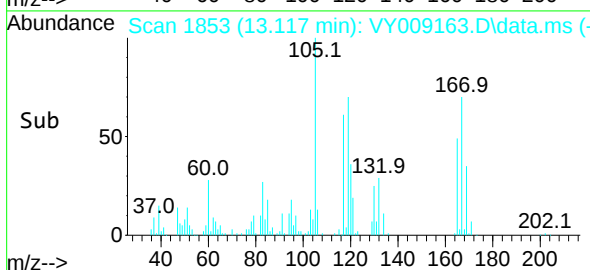
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

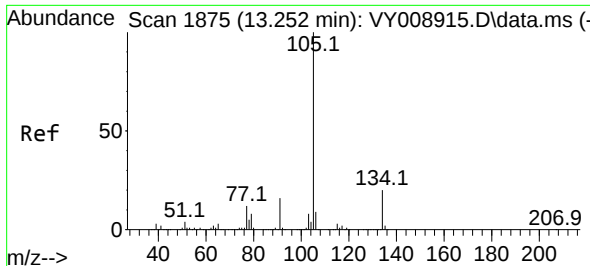


#84
1,2,4-Trimethylbenzene
Concen: 19.630 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY009163.D
Acq: 07 Jun 2022 14:43



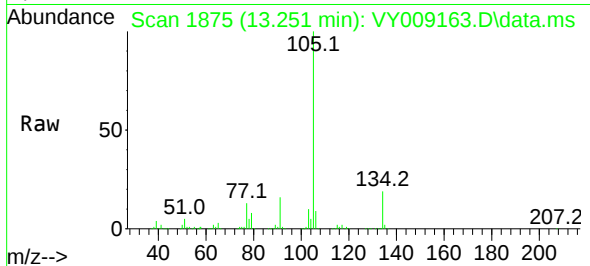
Tgt Ion:105 Resp: 118363
Ion Ratio Lower Upper
105 100
120 45.9 22.3 66.9





#85
 sec-Butylbenzene
 Concen: 19.663 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.001 min
 Lab File: VY009163.D
 Acq: 07 Jun 2022 14:43

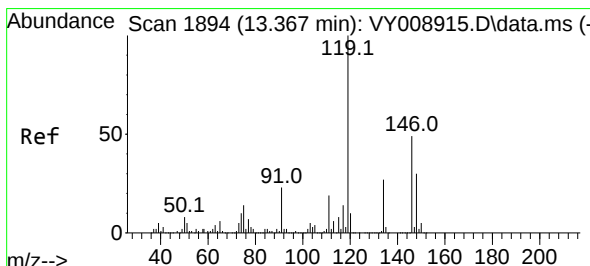
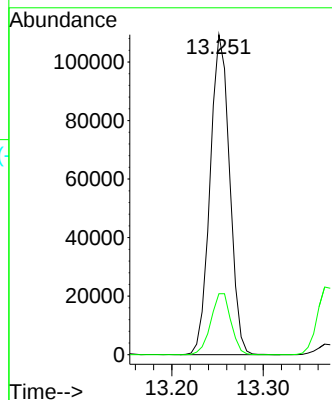
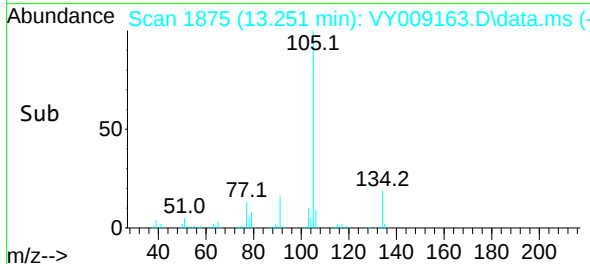
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0607SBSD02



Tgt Ion:105 Resp: 16212
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.2 30.4

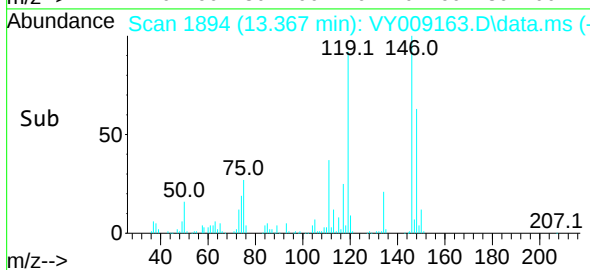
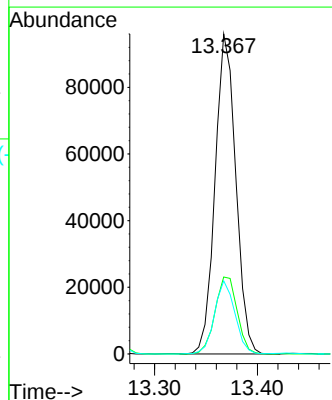
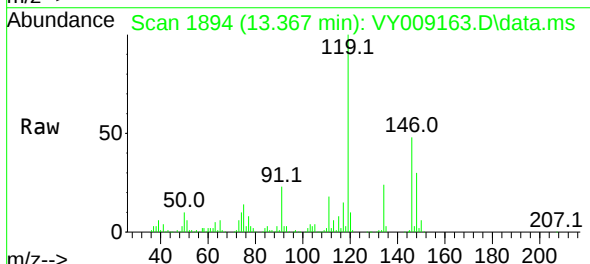
Manual Integrations
 APPROVED

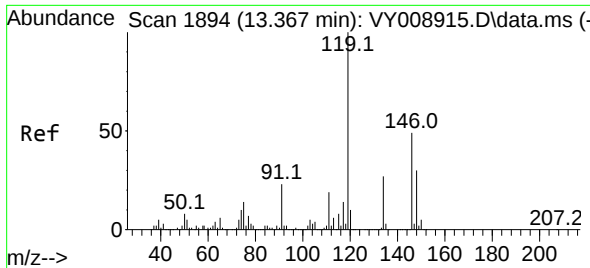
Reviewed By :John Carlone 06/08/2022
 Supervised By :Mahesh Dadoda 06/08/2022



#86
 p-Isopropyltoluene
 Concen: 19.514 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY009163.D
 Acq: 07 Jun 2022 14:43

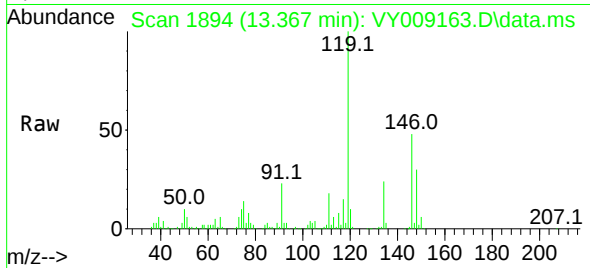
Tgt Ion:119 Resp: 134168
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.2 39.5
 91 22.6 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 19.315 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY009163.D
Acq: 07 Jun 2022 14:43

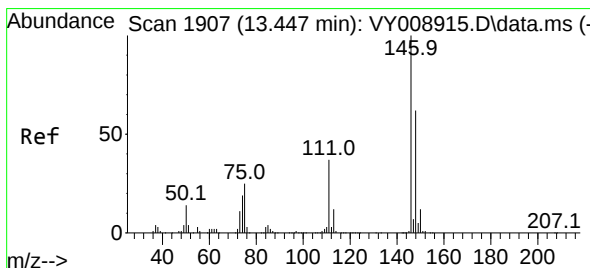
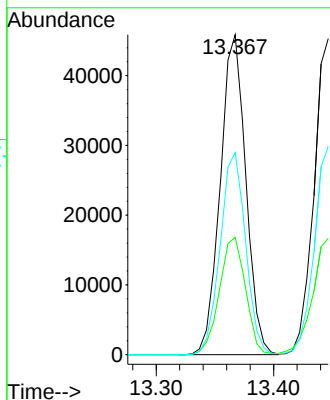
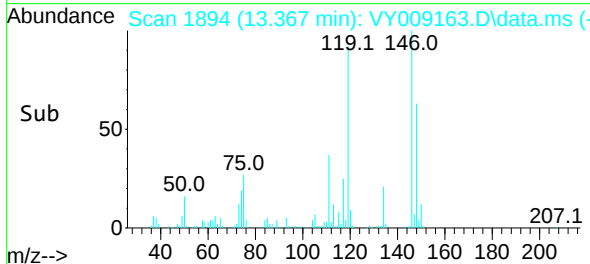
Instrument :
MSVOA_Y
ClientSampleId :
VY0607SBS02



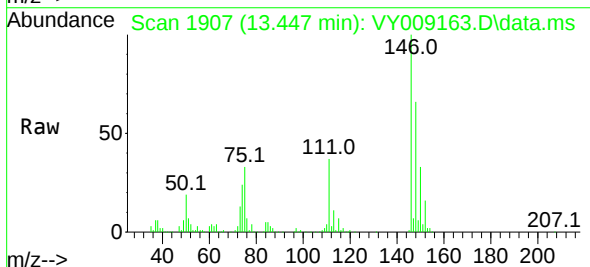
Tgt Ion:146 Resp: 6921
Ion Ratio Lower Upper
146 100
111 37.6 19.5 58.5
148 63.0 31.6 95.0

Manual Integrations
APPROVED

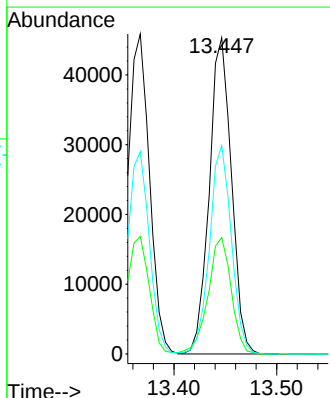
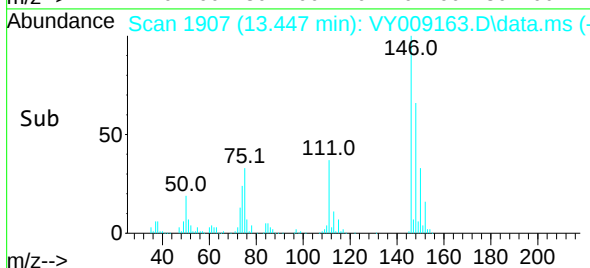
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

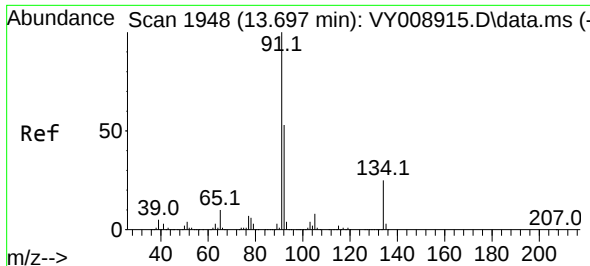


#88
1,4-Dichlorobenzene
Concen: 18.884 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY009163.D
Acq: 07 Jun 2022 14:43



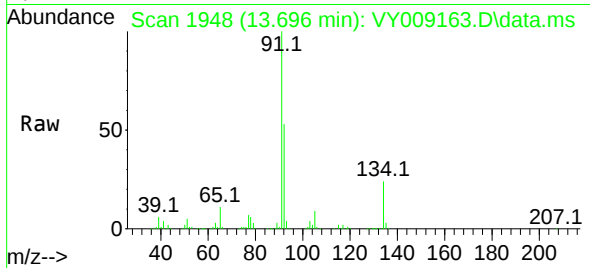
Tgt Ion:146 Resp: 67987
Ion Ratio Lower Upper
146 100
111 38.5 19.3 57.8
148 65.3 32.6 97.8





#89
n-Butylbenzene
Concen: 20.713 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.001 min
Lab File: VY009163.D
Acq: 07 Jun 2022 14:43

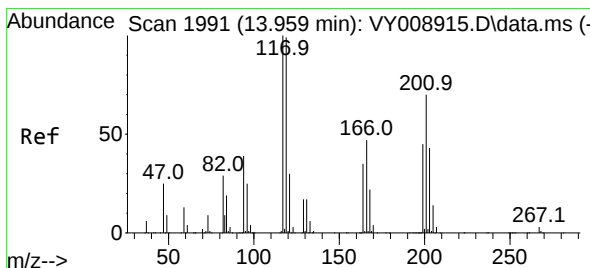
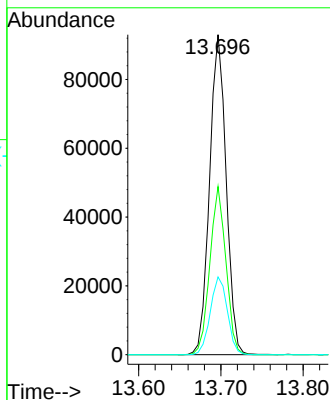
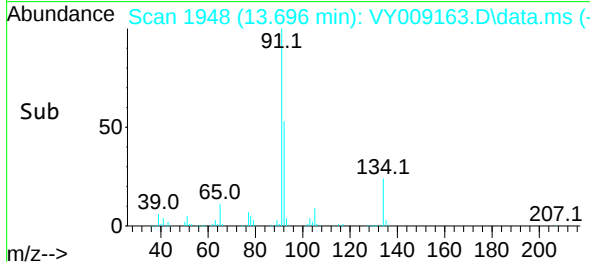
Instrument :
MSVOA_Y
ClientSampleId :
VY0607SBS02



Tgt Ion: 91 Resp: 130288
Ion Ratio Lower Upper
91 100
92 50.9 26.3 78.9
134 25.0 13.0 38.9

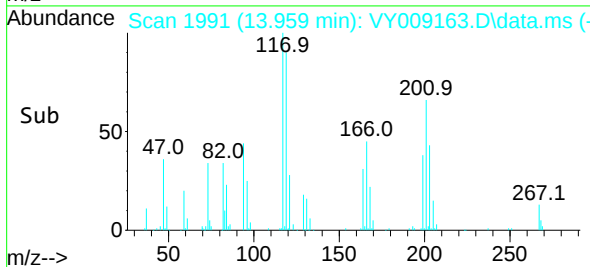
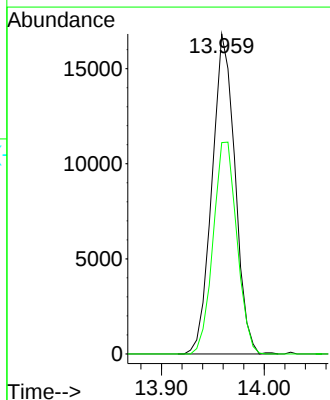
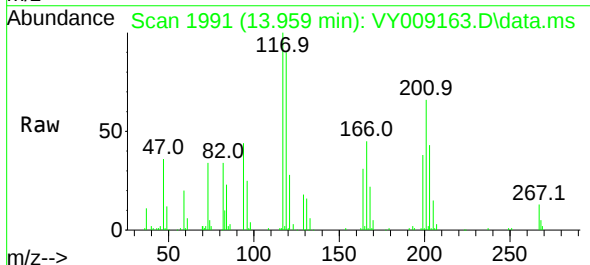
Manual Integrations
APPROVED

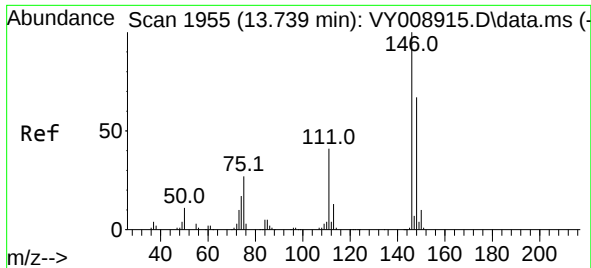
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#90
Hexachloroethane
Concen: 20.297 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY009163.D
Acq: 07 Jun 2022 14:43

Tgt Ion:117 Resp: 26152
Ion Ratio Lower Upper
117 100
201 68.3 43.0 128.8





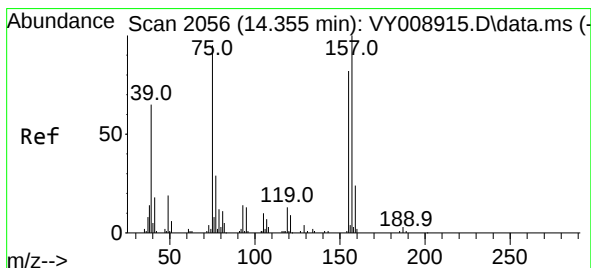
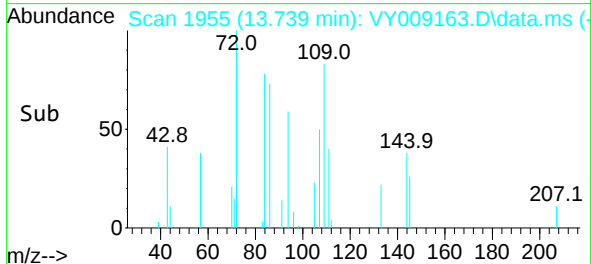
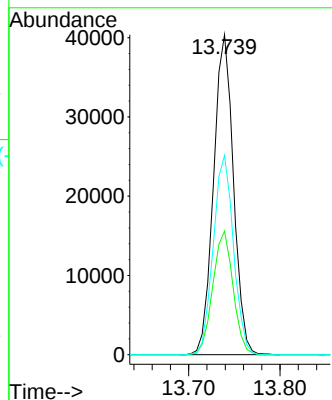
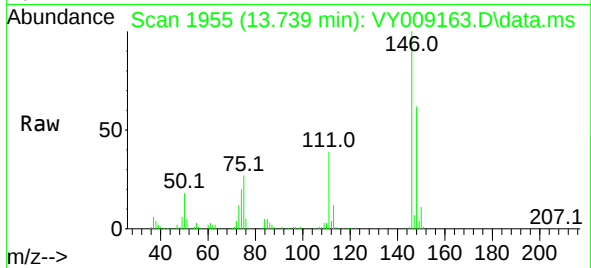
#91
1,2-Dichlorobenzene
Concen: 19.300 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY009163.D
Acq: 07 Jun 2022 14:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0607SBSD02

Tgt Ion:146 Resp: 6105
Ion Ratio Lower Upper
146 100
111 39.2 20.3 60.9
148 63.4 32.3 96.9

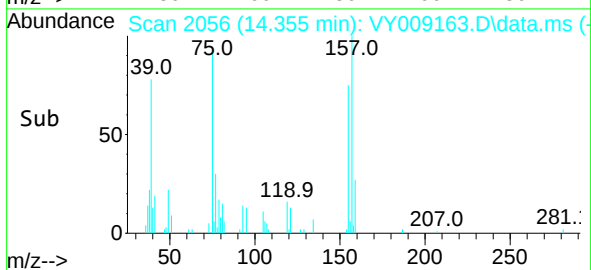
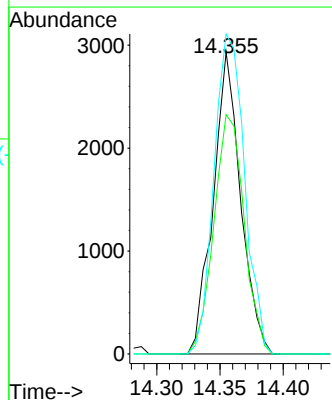
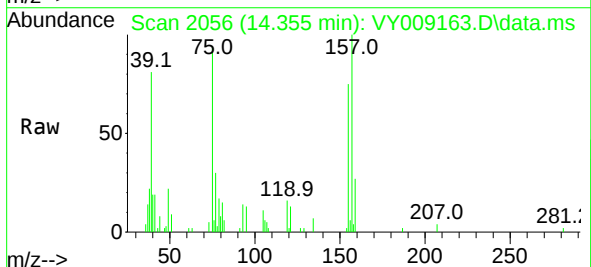
Manual Integrations
APPROVED

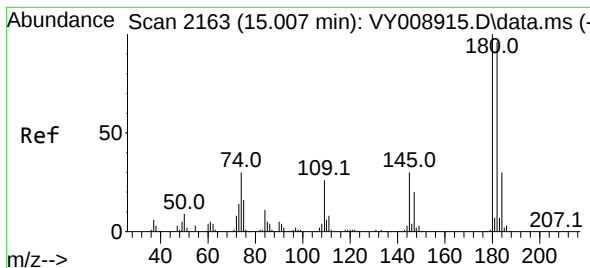
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.106 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY009163.D
Acq: 07 Jun 2022 14:43

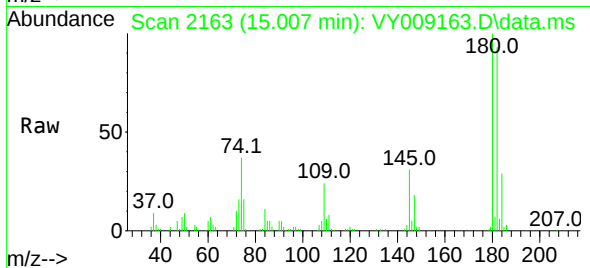
Tgt Ion: 75 Resp: 4428
Ion Ratio Lower Upper
75 100
155 87.1 38.0 113.9
157 117.8 47.8 143.3





#93
1,2,4-Trichlorobenzene
Concen: 18.754 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY009163.D
Acq: 07 Jun 2022 14:43

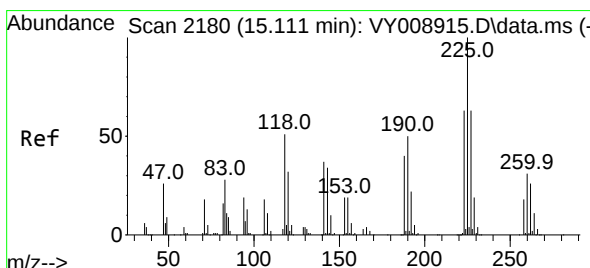
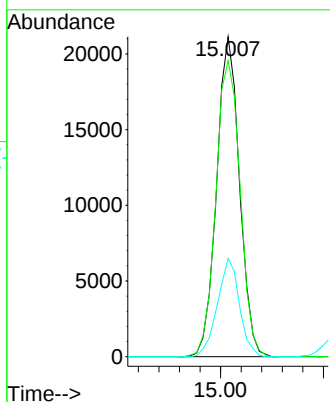
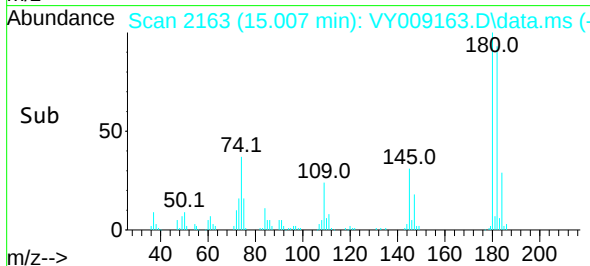
Instrument :
MSVOA_Y
ClientSampleId :
VY0607SBSD02



Tgt Ion:180 Resp: 3255
Ion Ratio Lower Upper
180 100
182 98.1 47.3 141.9
145 29.6 14.6 43.8

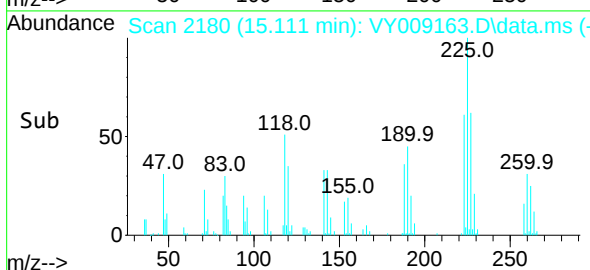
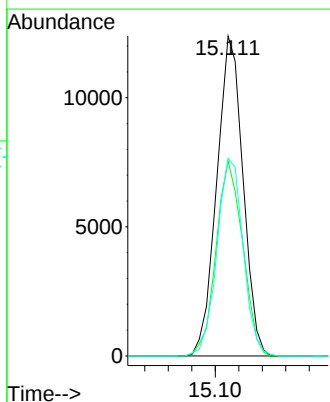
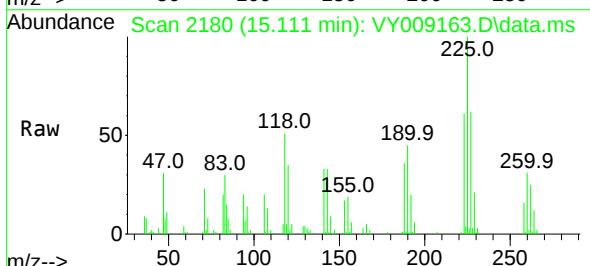
Manual Integrations
APPROVED

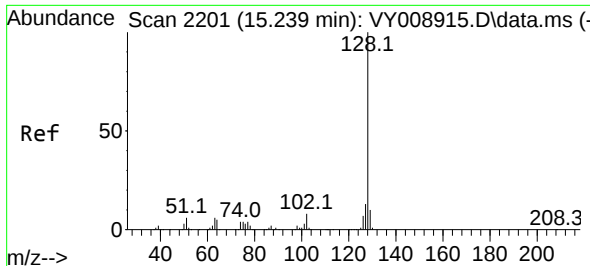
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#94
Hexachlorobutadiene
Concen: 20.294 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY009163.D
Acq: 07 Jun 2022 14:43

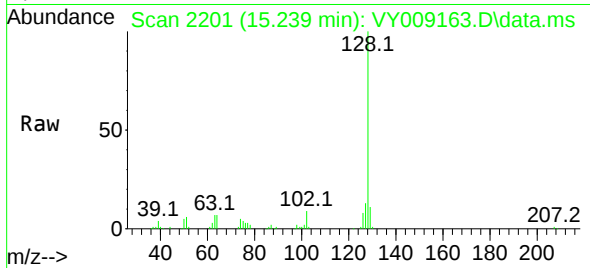
Tgt Ion:225 Resp: 19202
Ion Ratio Lower Upper
225 100
223 61.9 30.8 92.3
227 61.8 31.6 94.7





#95
Naphthalene
Concen: 18.501 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY009163.D
Acq: 07 Jun 2022 14:43

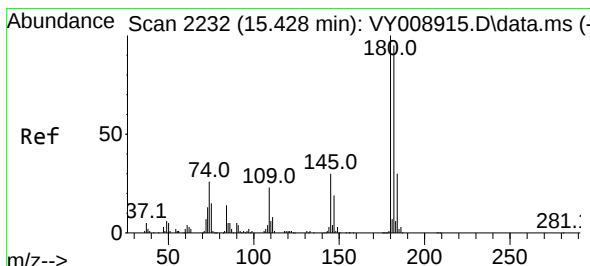
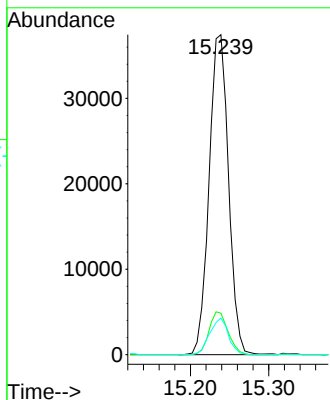
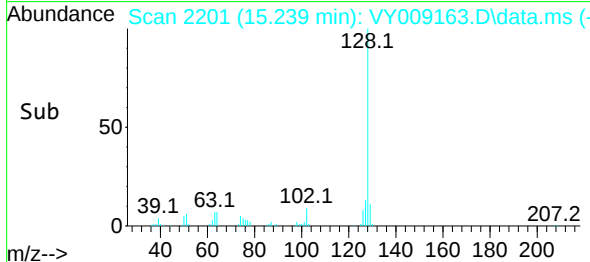
Instrument :
MSVOA_Y
ClientSampleId :
VY0607SBS02



Tgt Ion:128 Resp: 6452
Ion Ratio Lower Upper
128 100
127 13.1 11.0 16.4
129 10.9 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#96
1,2,3-Trichlorobenzene
Concen: 19.281 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY009163.D
Acq: 07 Jun 2022 14:43

Tgt Ion:180 Resp: 29087
Ion Ratio Lower Upper
180 100
182 94.1 47.3 141.9
145 29.2 15.3 45.9

