

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110323\
 Data File : VY016220.D
 Acq On : 03 Nov 2023 19:10
 Operator : SY/MD
 Sample : VY1103SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1103SBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/06/2023
 Supervised By : Mahesh Dadoda 11/06/2023

Quant Time: Nov 03 23:06:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	160220	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	258644	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	227015	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	107127	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	77072	51.408	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.820%			
35) Dibromofluoromethane	7.740	113	73884	47.916	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 95.840%			
50) Toluene-d8	10.197	98	300528	49.158	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 98.320%			
62) 4-Bromofluorobenzene	12.489	95	99478	47.585	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 95.180%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	18326	17.931	ug/l	97
3) Chloromethane	2.119	50	24564	17.359	ug/l	98
4) Vinyl Chloride	2.259	62	26603	18.215	ug/l	96
5) Bromomethane	2.656	94	19024	19.301	ug/l	96
6) Chloroethane	2.802	64	19228	18.701	ug/l	96
7) Trichlorofluoromethane	3.137	101	44693	20.270	ug/l	99
8) Diethyl Ether	3.546	74	14988	20.510	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.918	101	27664	19.916	ug/l	96
10) Methyl Iodide	4.107	142	29035	18.798	ug/l	97
11) Tert butyl alcohol	4.966	59	13141	117.315	ug/l #	85
12) 1,1-Dichloroethene	3.887	96	23718	18.708	ug/l	91
13) Acrolein	3.741	56	11351	105.431	ug/l	98
14) Allyl chloride	4.503	41	37802	20.846	ug/l #	95
15) Acrylonitrile	5.186	53	33627	107.687	ug/l	98
16) Acetone	3.966	43	24119	88.451	ug/l	96
17) Carbon Disulfide	4.210	76	54576	17.243	ug/l	99
18) Methyl Acetate	4.497	43	26249	21.771	ug/l	92
19) Methyl tert-butyl Ether	5.241	73	76375	21.179	ug/l	99
20) Methylene Chloride	4.741	84	36668	22.363	ug/l #	84
21) trans-1,2-Dichloroethene	5.241	96	29143	19.735	ug/l	93
22) Diisopropyl ether	6.137	45	93547	21.328	ug/l	89
23) Vinyl Acetate	6.082	43	223118	103.607	ug/l #	94
24) 1,1-Dichloroethane	6.039	63	54733	20.850	ug/l	98
25) 2-Butanone	7.003	43	42474	102.688	ug/l	97
26) 2,2-Dichloropropane	7.003	77	48089	19.379	ug/l	97
27) cis-1,2-Dichloroethene	7.003	96	36048	20.742	ug/l	92
28) Bromochloromethane	7.350	49	21295	21.679	ug/l	89
29) Tetrahydrofuran	7.368	42	28739	110.840	ug/l	91
30) Chloroform	7.521	83	62262	21.786	ug/l	95
31) Cyclohexane	7.801	56	43224	18.755	ug/l	91
32) 1,1,1-Trichloroethane	7.722	97	52770	20.134	ug/l	98
36) 1,1-Dichloropropene	7.935	75	41575	18.672	ug/l	99
37) Ethyl Acetate	7.088	43	20553	20.725	ug/l #	94
38) Carbon Tetrachloride	7.917	117	46908	21.265	ug/l	97
39) Methylcyclohexane	9.197	83	49381	18.580	ug/l	91
40) Benzene	8.179	78	124242	19.436	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	10322	17.931	ug/l	95
42) 1,2-Dichloroethane	8.252	62	36547	20.488	ug/l	94
43) Isopropyl Acetate	8.289	43	40945	20.873	ug/l	92
44) Trichloroethene	8.953	130	36008	19.249	ug/l	97
45) 1,2-Dichloropropane	9.228	63	31848	20.711	ug/l	99
46) Dibromomethane	9.319	93	17581	20.154	ug/l	98
47) Bromodichloromethane	9.514	83	47657	21.502	ug/l	99
48) Methyl methacrylate	9.307	41	17346	19.446	ug/l #	88
49) 1,4-Dioxane	9.313	88	3852	288.605	ug/l #	53
51) 4-Methyl-2-Pentanone	10.081	43	106250	108.551	ug/l	93
52) Toluene	10.258	92	82428	19.900	ug/l	93
53) t-1,3-Dichloropropene	10.478	75	45534	20.580	ug/l	98
54) cis-1,3-Dichloropropene	9.941	75	52141	20.084	ug/l	92
55) 1,1,2-Trichloroethane	10.660	97	25964	21.160	ug/l	94
56) Ethyl methacrylate	10.520	69	32454	20.366	ug/l #	88
57) 1,3-Dichloropropane	10.807	76	43031	20.600	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.795	63	82138	106.297	ug/l	92
59) 2-Hexanone	10.843	43	72619	108.267	ug/l	91
60) Dibromochloromethane	10.996	129	32062	20.828	ug/l	99
61) 1,2-Dibromoethane	11.099	107	23670	20.281	ug/l	98
64) Tetrachloroethene	10.734	164	37913	18.776	ug/l	98
65) Chlorobenzene	11.526	112	89109	19.757	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.605	131	33846	20.260	ug/l	96
67) Ethyl Benzene	11.605	91	157898	19.573	ug/l	100
68) m/p-Xylenes	11.715	106	120959	38.803	ug/l	95
69) o-Xylene	12.038	106	58219	19.561	ug/l	97
70) Styrene	12.057	104	96048	19.412	ug/l	96
71) Bromoform	12.221	173	19187	20.703	ug/l #	98
73) Isopropylbenzene	12.343	105	155707	19.377	ug/l	100
74) N-amyl acetate	12.154	43	35073	20.085	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.593	83	26662	20.851	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	20048m	19.873	ug/l	
77) Bromobenzene	12.617	156	35714	19.628	ug/l	96
78) n-propylbenzene	12.684	91	184953	19.468	ug/l	99
79) 2-Chlorotoluene	12.770	91	103490	19.531	ug/l	98
80) 1,3,5-Trimethylbenzene	12.825	105	125397	19.261	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.392	75	9463	20.338	ug/l	89
82) 4-Chlorotoluene	12.867	91	107440	19.746	ug/l	99
83) tert-Butylbenzene	13.087	119	113572	19.496	ug/l	98
84) 1,2,4-Trimethylbenzene	13.129	105	124813	19.375	ug/l	98
85) sec-Butylbenzene	13.264	105	169140	19.783	ug/l	100
86) p-Isopropyltoluene	13.379	119	139723	19.718	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	71166	19.776	ug/l	98
88) 1,4-Dichlorobenzene	13.453	146	70506	19.823	ug/l	99
89) n-Butylbenzene	13.703	91	128171	19.685	ug/l	96
90) Hexachloroethane	13.971	117	25545	20.919	ug/l	93
91) 1,2-Dichlorobenzene	13.751	146	62493	20.099	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.367	75	4200	18.353	ug/l	92
93) 1,2,4-Trichlorobenzene	15.013	180	36500	19.020	ug/l	99
94) Hexachlorobutadiene	15.123	225	20671	19.711	ug/l	100
95) Naphthalene	15.245	128	67524	18.112	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	30721	18.740	ug/l	99

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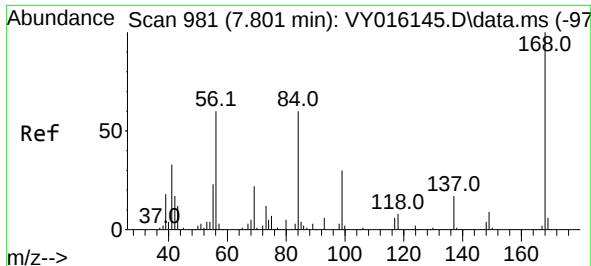
Manual Integrations
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Response via : Initial Calibration

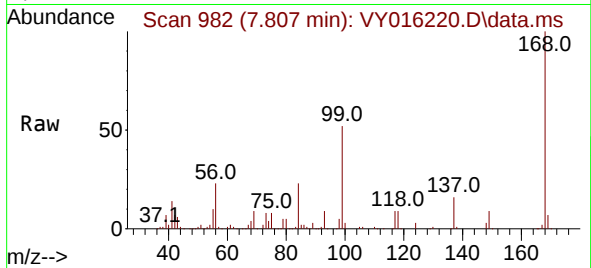
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016220.D
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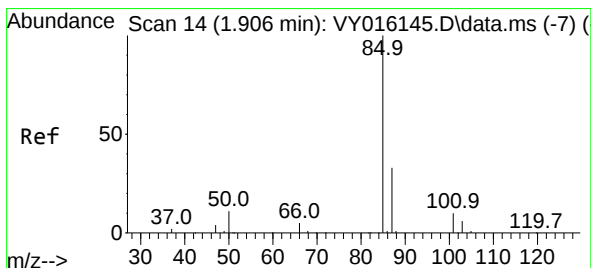
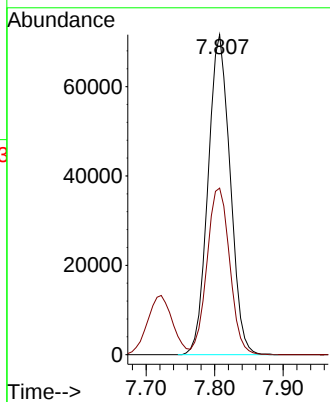
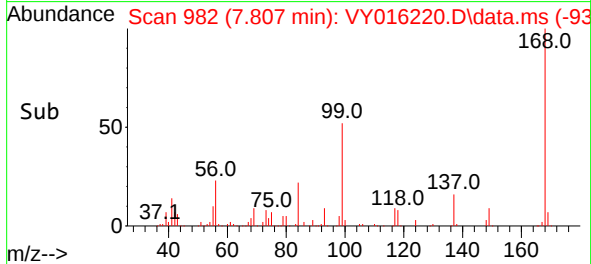
Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBSD02



Tgt Ion:168 Resp: 160220
Ion Ratio Lower Upper
168 100
99 52.1 43.4 65.0

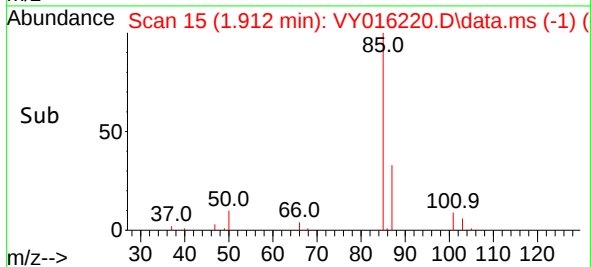
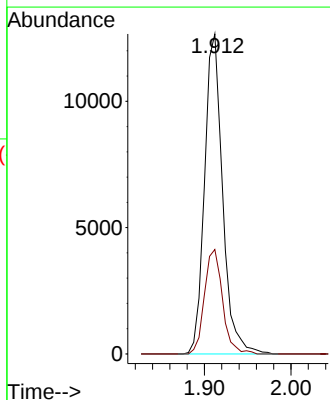
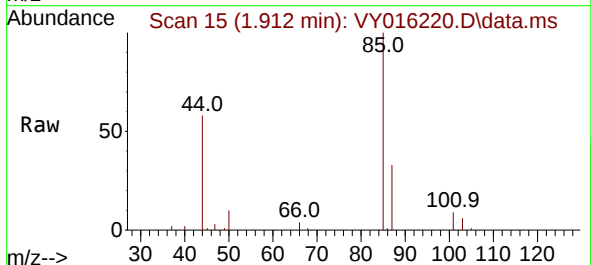
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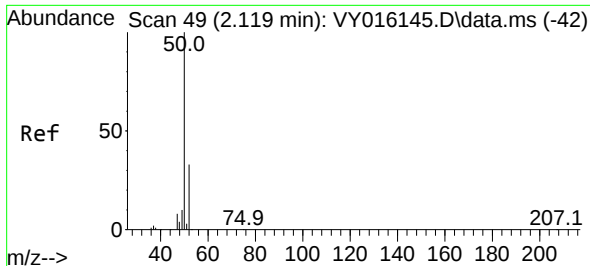
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#2
Dichlorodifluoromethane
Concen: 17.931 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

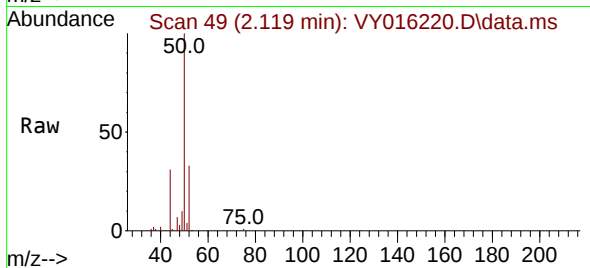
Tgt Ion: 85 Resp: 18326
Ion Ratio Lower Upper
85 100
87 32.6 15.6 46.8





#3
Chloromethane
Concen: 17.359 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

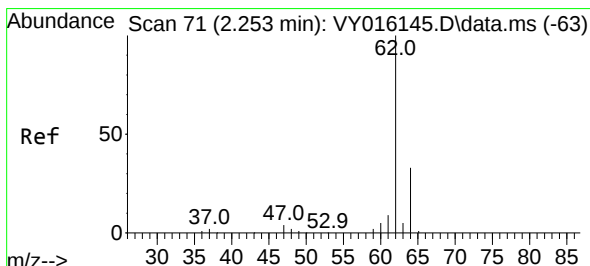
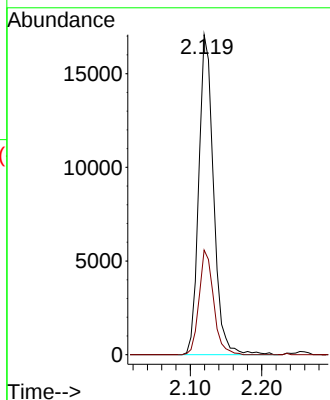
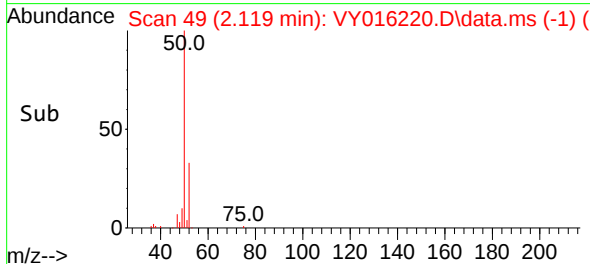
Instrument :
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Tgt Ion: 50 Resp: 24564
Ion Ratio Lower Upper
50 100
52 32.7 25.4 38.2

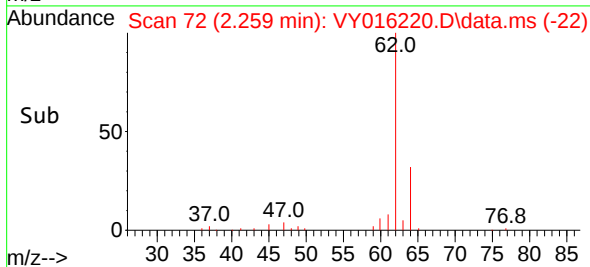
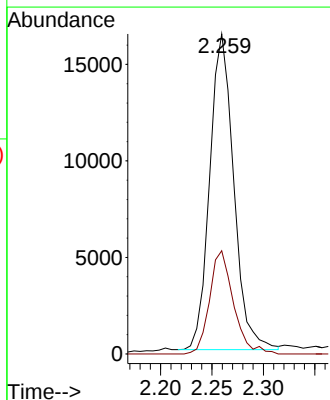
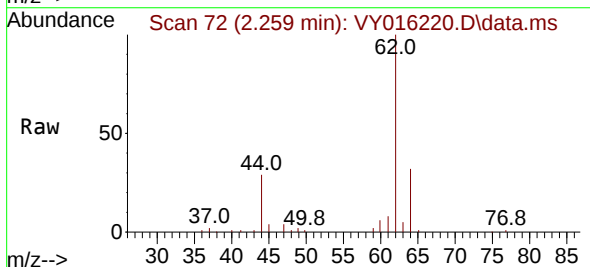
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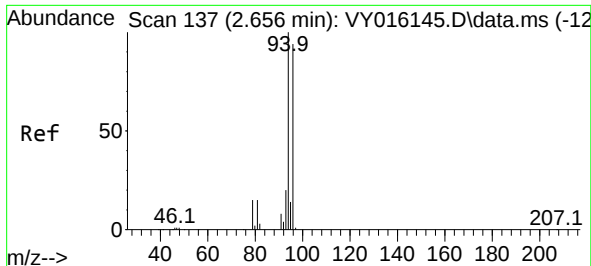
Reviewed By :John Carlone 11/06/2023
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#4
Vinyl Chloride
Concen: 18.215 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.006 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

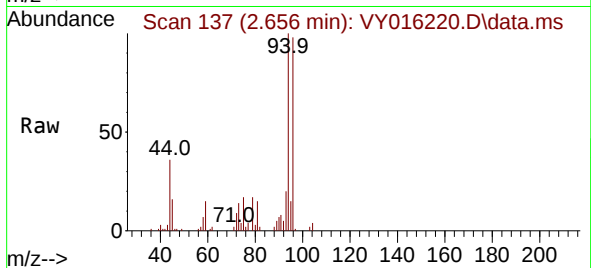
Tgt Ion: 62 Resp: 26603
Ion Ratio Lower Upper
62 100
64 32.7 24.3 36.5





#5
Bromomethane
Concen: 19.301 ug/l
RT: 2.656 min Scan# 111
Delta R.T. 0.000 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

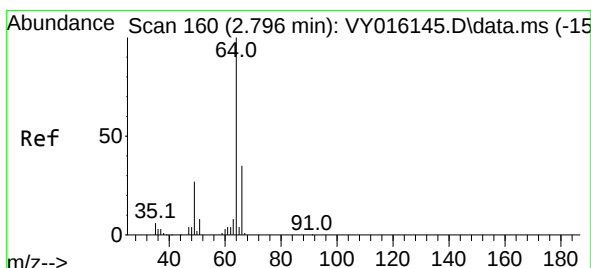
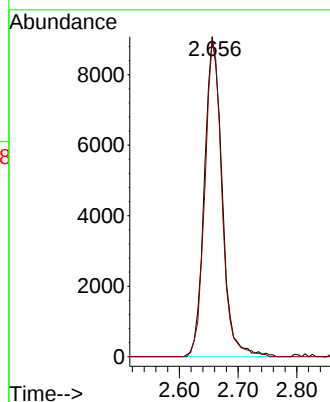
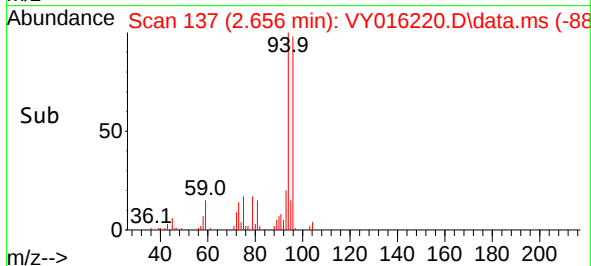
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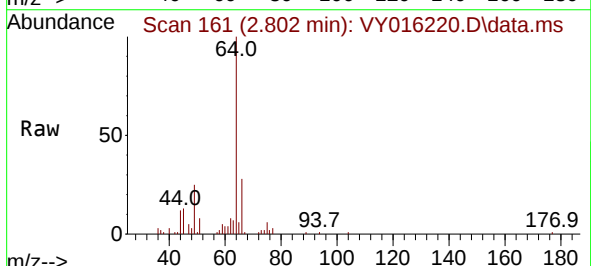
Tgt Ion: 94 Resp: 19024
Ion Ratio Lower Upper
94 100
96 98.5 75.8 113.6

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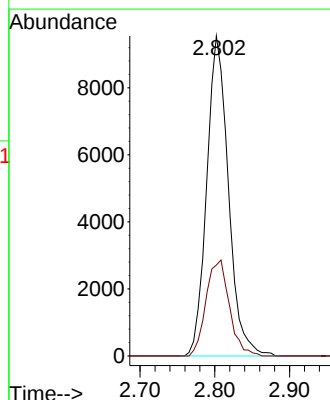
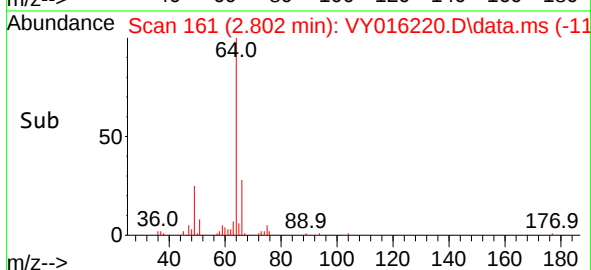
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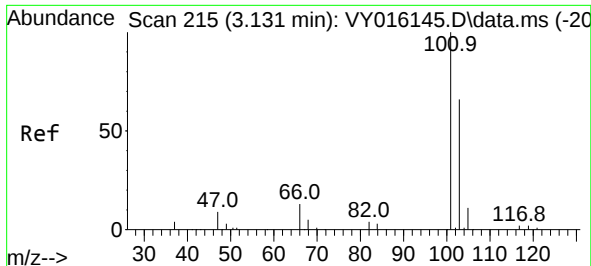


#6
Chloroethane
Concen: 18.701 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.006 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10



Tgt Ion: 64 Resp: 19228
Ion Ratio Lower Upper
64 100
66 28.4 24.4 36.6





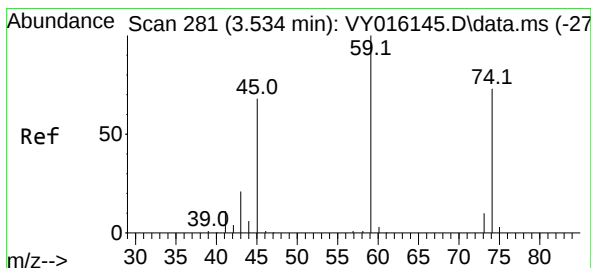
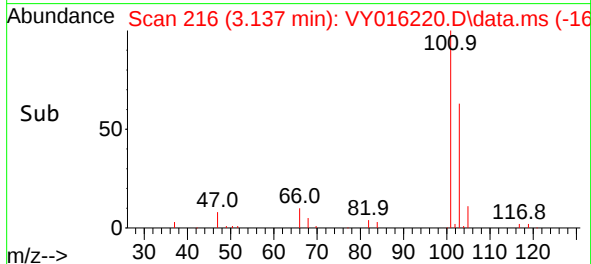
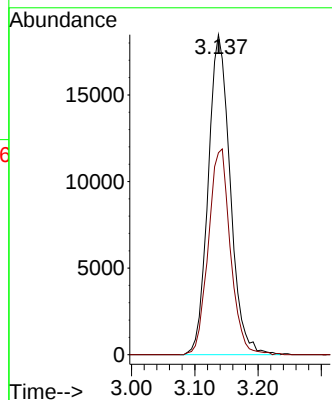
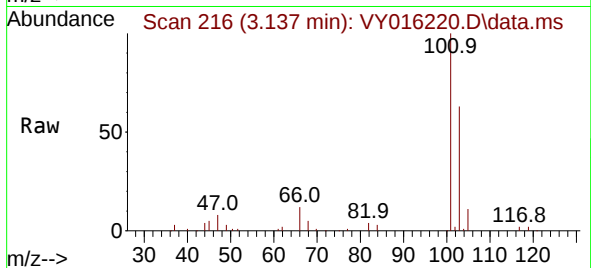
#7
Trichlorofluoromethane
Concen: 20.270 ug/l
RT: 3.137 min Scan# 215
Delta R.T. 0.006 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBSD02

Tgt Ion:101 Resp: 4469
Ion Ratio Lower Upper
101 100
103 63.1 51.4 77.0

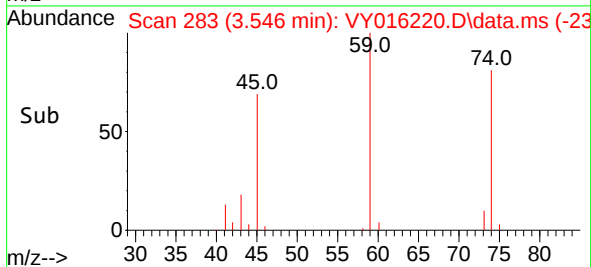
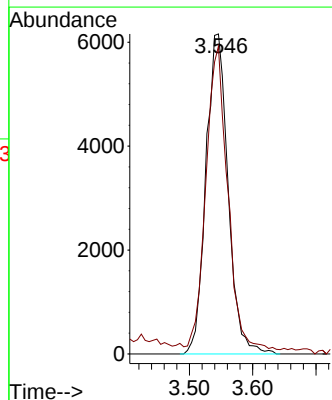
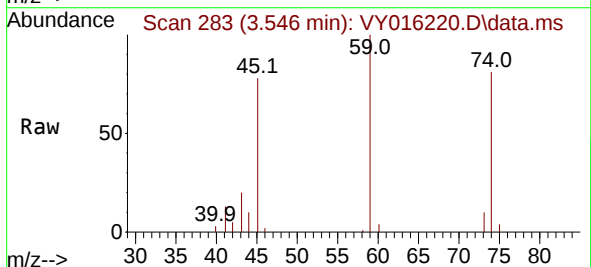
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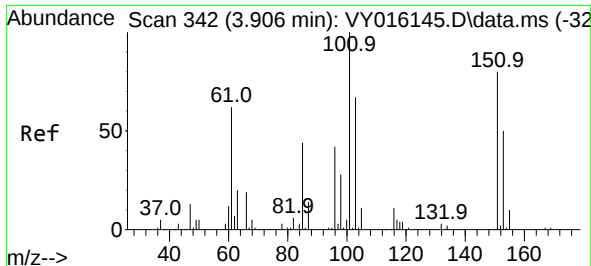
Reviewed By :John Carlone 11/06/2023
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#8
Diethyl Ether
Concen: 20.510 ug/l
RT: 3.546 min Scan# 283
Delta R.T. 0.012 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

Tgt Ion: 74 Resp: 14988
Ion Ratio Lower Upper
74 100
45 92.8 51.5 154.5





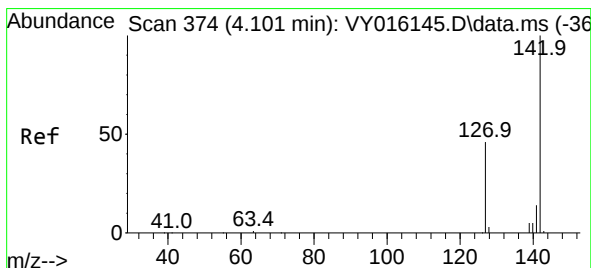
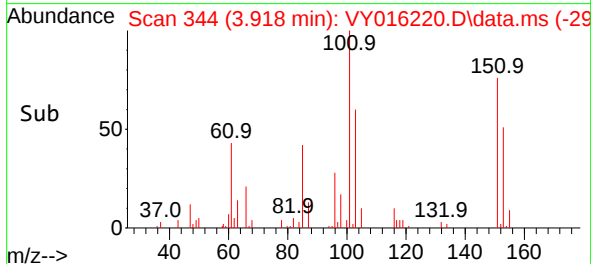
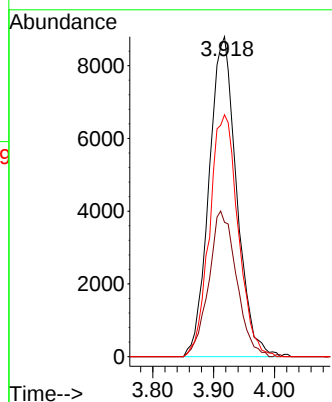
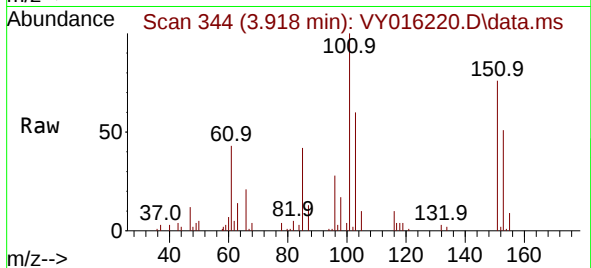
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.916 ug/l
RT: 3.918 min Scan# 344
Delta R.T. 0.012 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBSD02

Tgt Ion:101 Resp: 2766
Ion Ratio Lower Upper
101 100
85 45.7 36.6 55.0
151 78.4 67.0 100.6

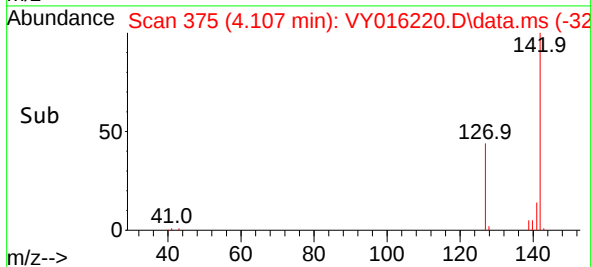
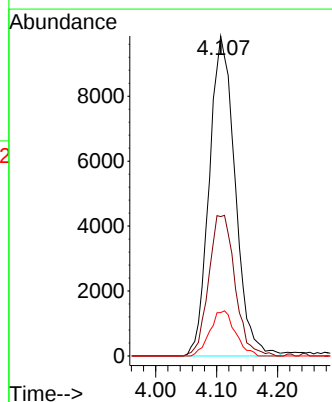
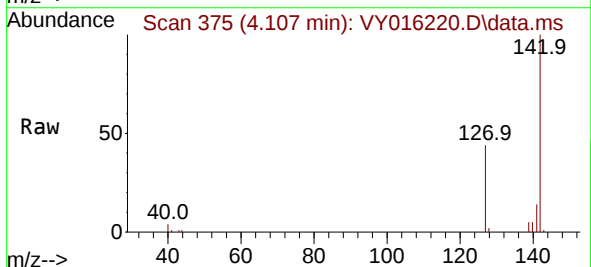
Manual Integrations
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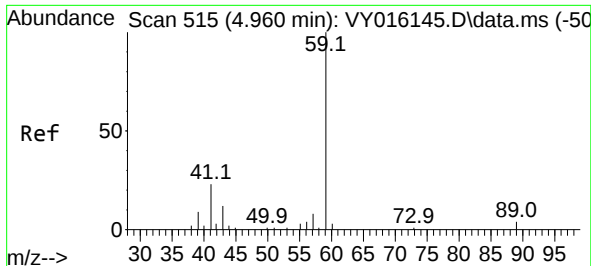
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#10
Methyl Iodide
Concen: 18.798 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

Tgt Ion:142 Resp: 29035
Ion Ratio Lower Upper
142 100
127 44.7 37.6 56.4
141 13.8 11.8 17.8





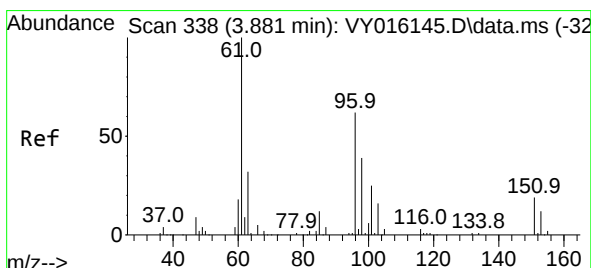
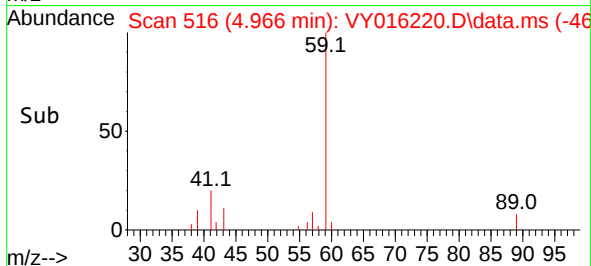
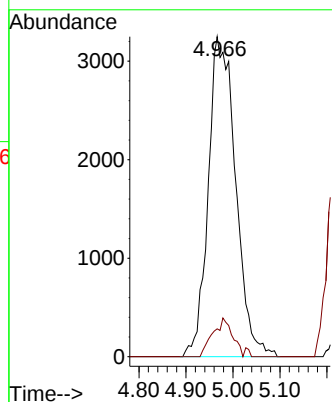
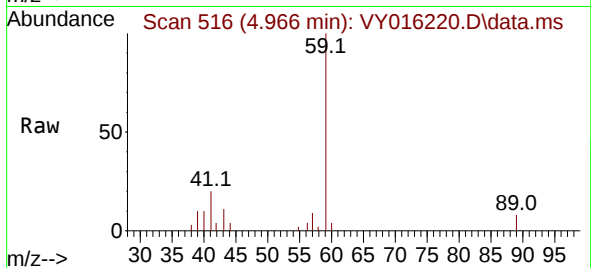
#11
Tert butyl alcohol
Concen: 117.315 ug/l
RT: 4.966 min Scan# 515
Delta R.T. 0.006 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBSD02

Tgt Ion: 59 Resp: 1314
Ion Ratio Lower Upper
59 100
57 8.7 3.0 4.4

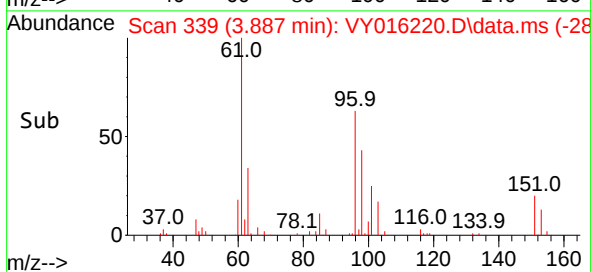
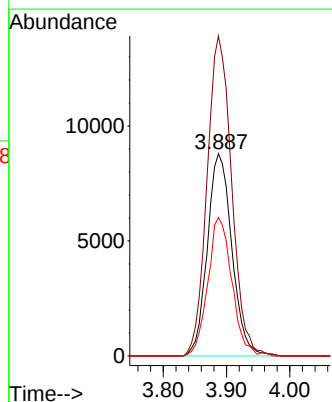
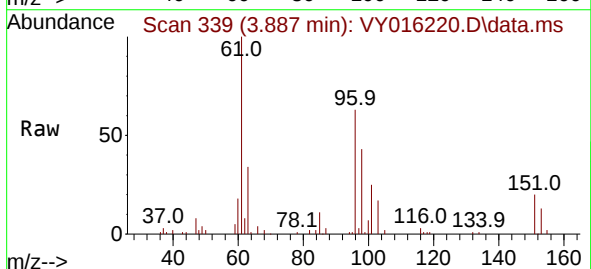
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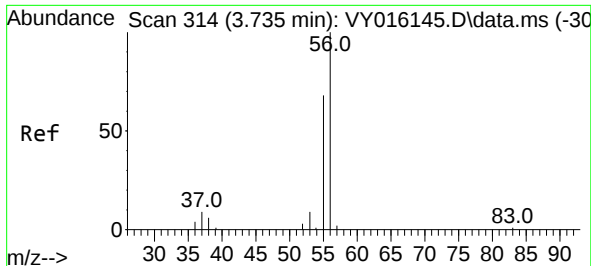
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#12
1,1-Dichloroethene
Concen: 18.708 ug/l
RT: 3.887 min Scan# 339
Delta R.T. 0.006 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

Tgt Ion: 96 Resp: 23718
Ion Ratio Lower Upper
96 100
61 158.2 136.4 204.6
98 68.5 49.4 74.2





#13

Acrolein

Concen: 105.431 ug/l

RT: 3.741 min Scan# 314

Delta R.T. 0.006 min

Lab File: VY016220.D

Acq: 03 Nov 2023 19:10

Instrument :

MSVOA_Y

ClientSampleId :

VY1103SBSD02

Tgt Ion: 56 Resp: 1135

Ion Ratio Lower Upper

56 100

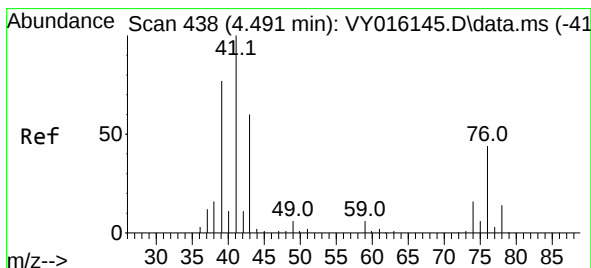
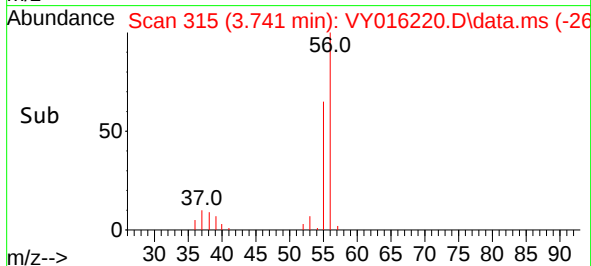
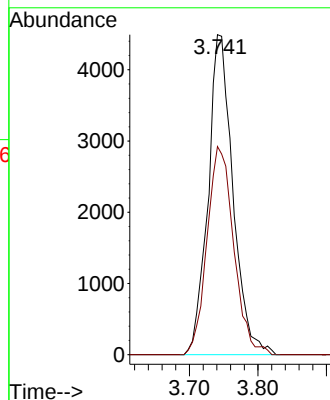
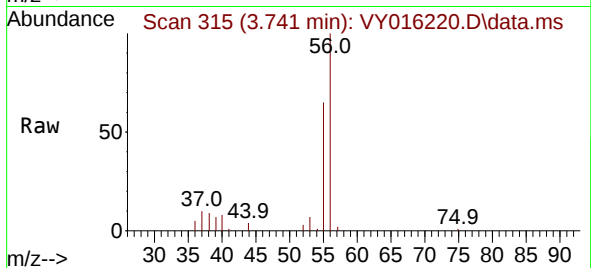
55 69.7 57.0 85.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#14

Allyl chloride

Concen: 20.846 ug/l

RT: 4.503 min Scan# 440

Delta R.T. 0.012 min

Lab File: VY016220.D

Acq: 03 Nov 2023 19:10

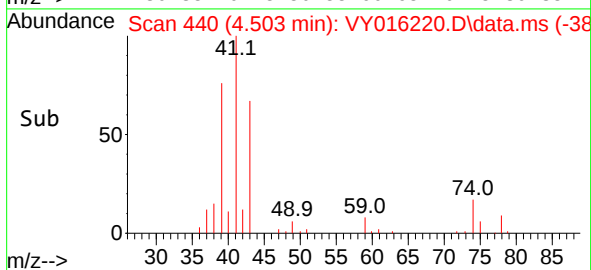
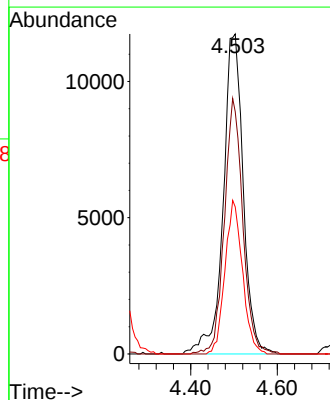
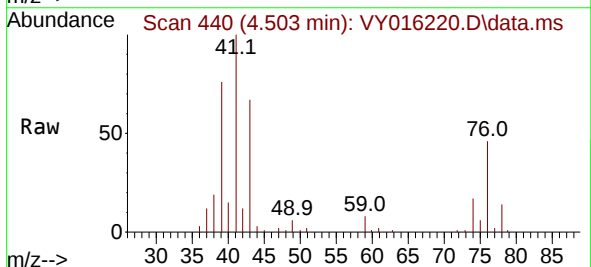
Tgt Ion: 41 Resp: 37802

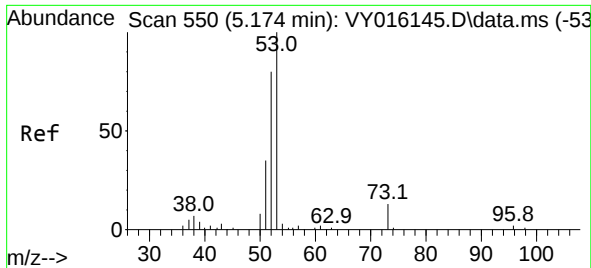
Ion Ratio Lower Upper

41 100

39 73.5 58.0 87.0

76 42.1 27.4 41.2#





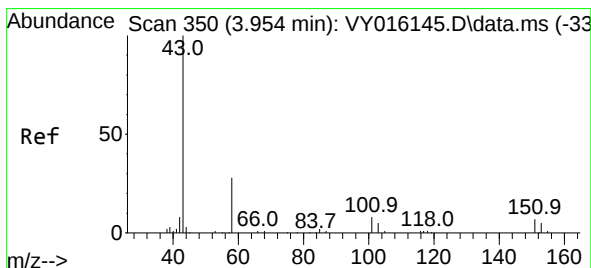
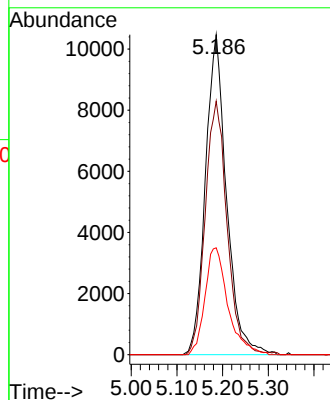
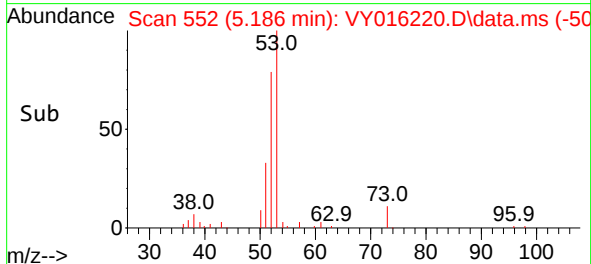
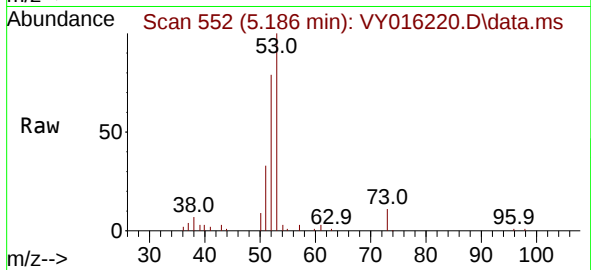
#15
Acrylonitrile
Concen: 107.687 ug/l
RT: 5.186 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBSD02

Tgt Ion: 53 Resp: 3362
Ion Ratio Lower Upper
53 100
52 82.0 66.9 100.3
51 36.4 29.8 44.6

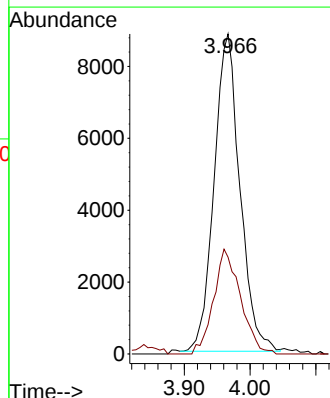
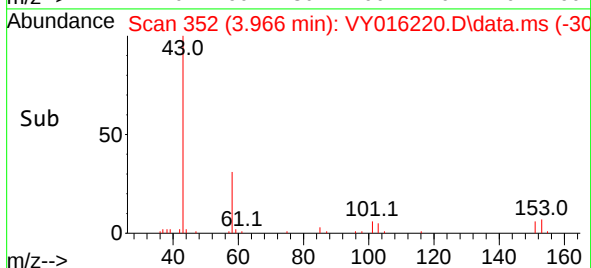
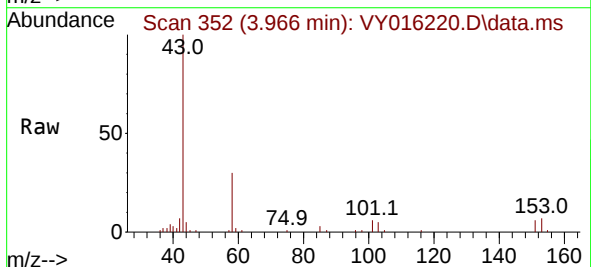
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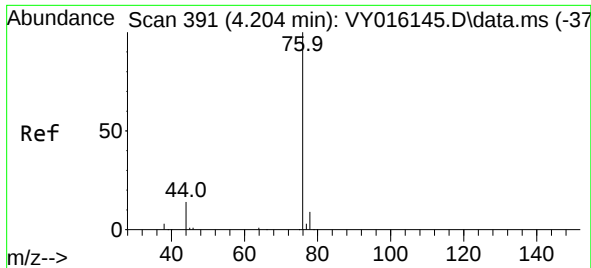
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#16
Acetone
Concen: 88.451 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

Tgt Ion: 43 Resp: 24119
Ion Ratio Lower Upper
43 100
58 30.5 22.7 34.1





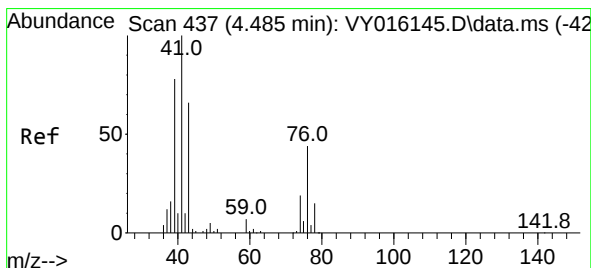
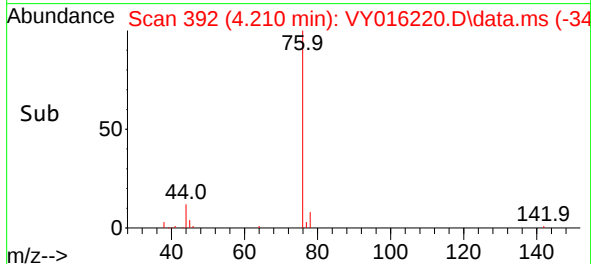
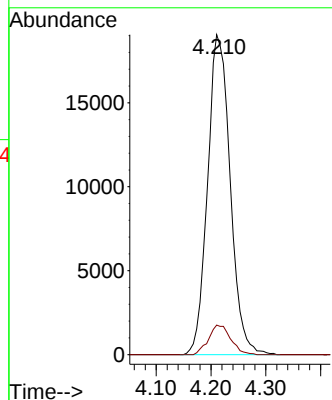
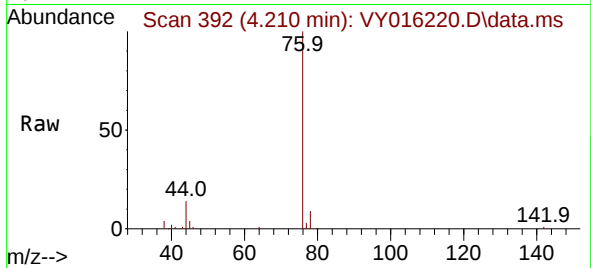
#17
Carbon Disulfide
Concen: 17.243 ug/l
RT: 4.210 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBSD02

Tgt Ion: 76 Resp: 54570
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.4

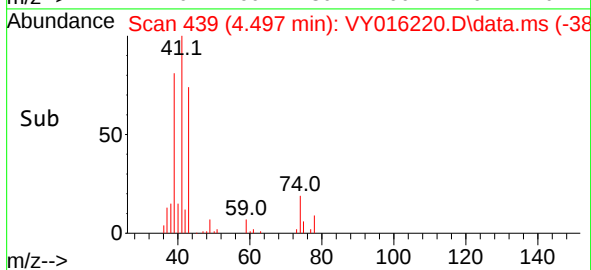
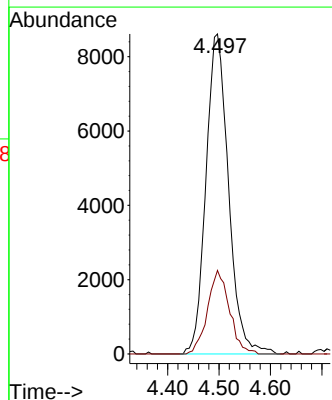
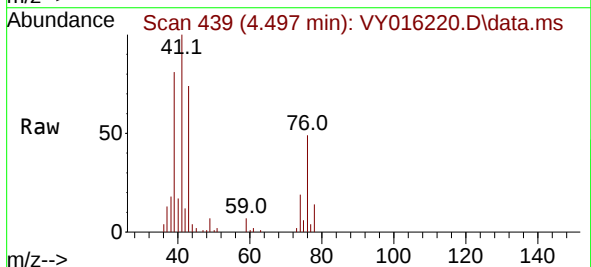
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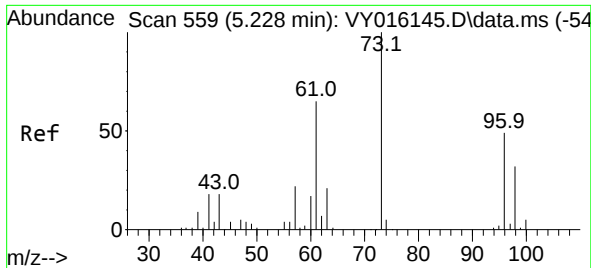
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#18
Methyl Acetate
Concen: 21.771 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.012 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

Tgt Ion: 43 Resp: 26249
Ion Ratio Lower Upper
43 100
74 25.4 17.4 26.0





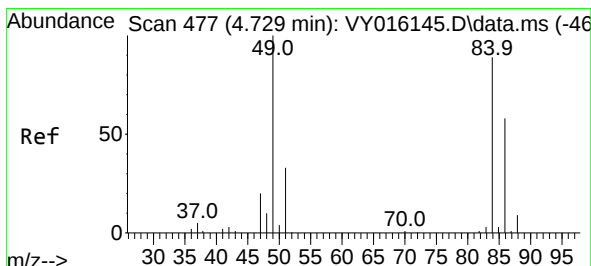
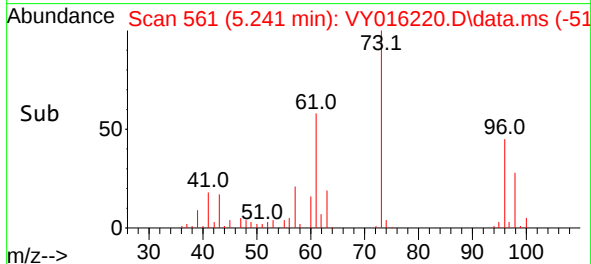
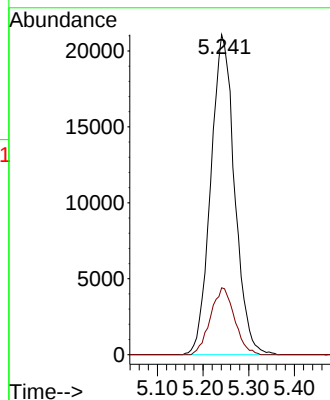
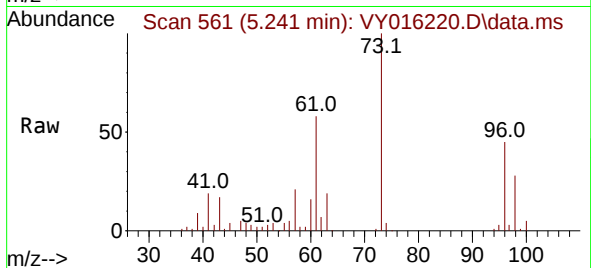
#19
Methyl tert-butyl Ether
Concen: 21.179 ug/l
RT: 5.241 min Scan# 50
Delta R.T. 0.012 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBSD02

Tgt Ion: 73 Resp: 76375
Ion Ratio Lower Upper
73 100
57 20.9 17.3 25.9

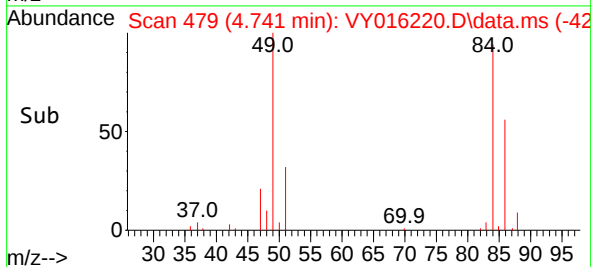
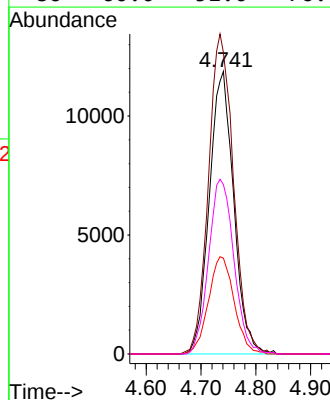
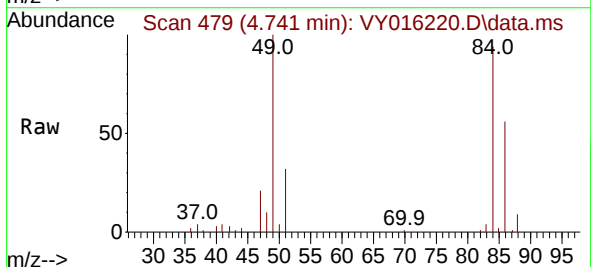
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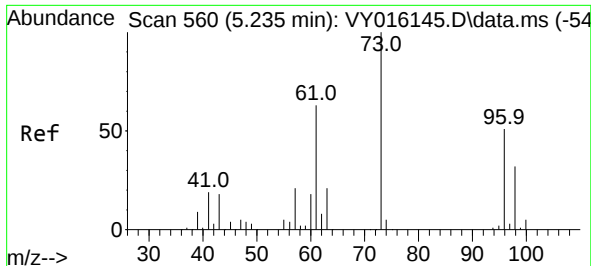
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#20
Methylene Chloride
Concen: 22.363 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.012 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

Tgt Ion: 84 Resp: 36668
Ion Ratio Lower Upper
84 100
49 106.7 106.9 160.3#
51 33.9 33.2 49.8
86 60.0 51.0 76.6





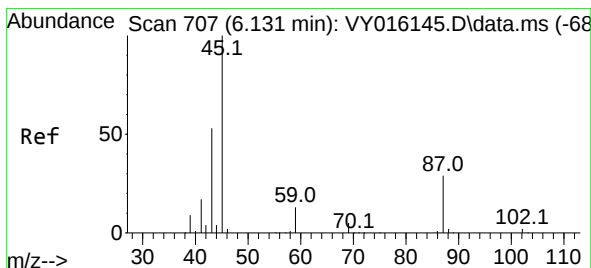
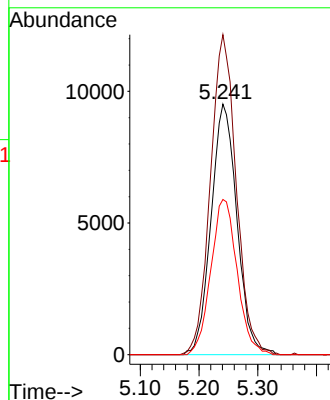
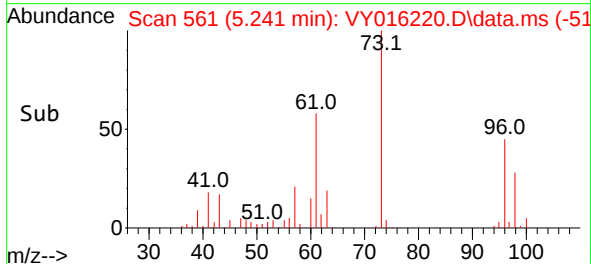
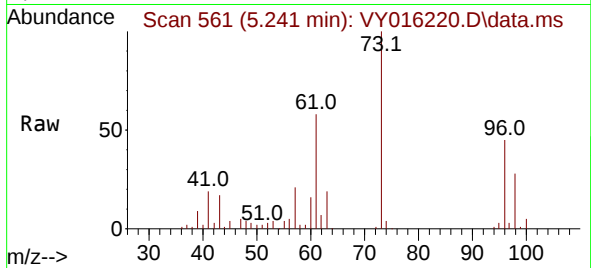
#21
trans-1,2-Dichloroethene
Concen: 19.735 ug/l
RT: 5.241 min Scan# 501
Delta R.T. 0.006 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBSD02

Tgt Ion: 96 Resp: 2914
Ion Ratio Lower Upper
96 100
61 127.7 110.2 165.4
98 61.9 51.8 77.6

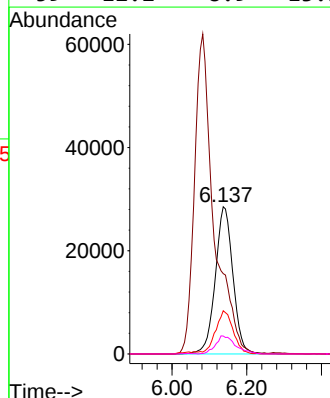
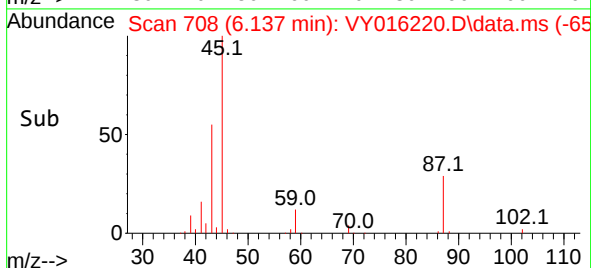
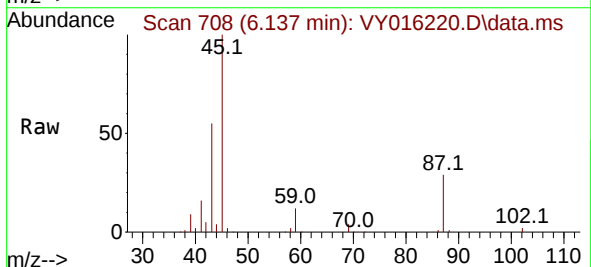
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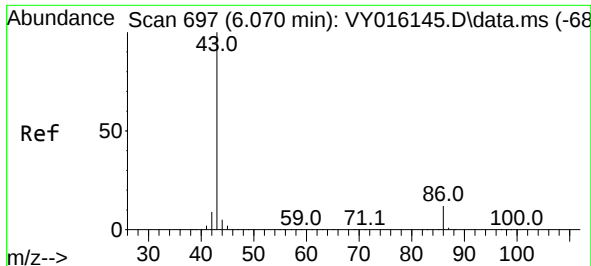
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#22
Diisopropyl ether
Concen: 21.328 ug/l
RT: 6.137 min Scan# 708
Delta R.T. 0.006 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

Tgt Ion: 45 Resp: 93547
Ion Ratio Lower Upper
45 100
43 53.9 52.2 78.4
87 29.4 21.0 31.6
59 12.2 8.9 13.3





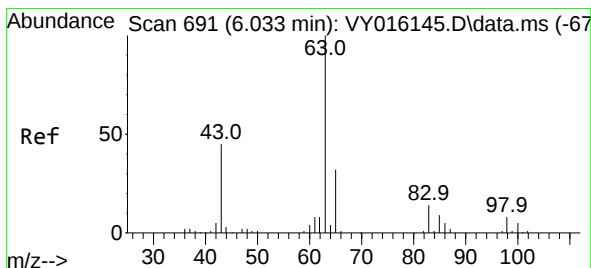
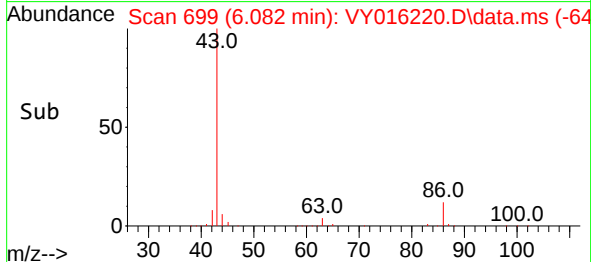
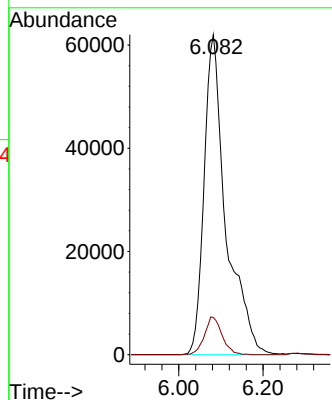
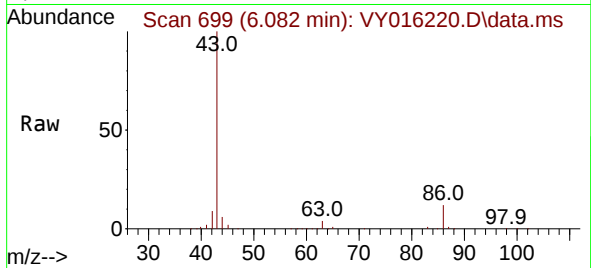
#23
 Vinyl Acetate
 Concen: 103.607 ug/l
 RT: 6.082 min Scan# 699
 Delta R.T. 0.012 min
 Lab File: VY016220.D
 Acq: 03 Nov 2023 19:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1103SBSD02

Tgt Ion: 43 Resp: 223118
 Ion Ratio Lower Upper
 43 100
 86 11.7 7.5 11.3

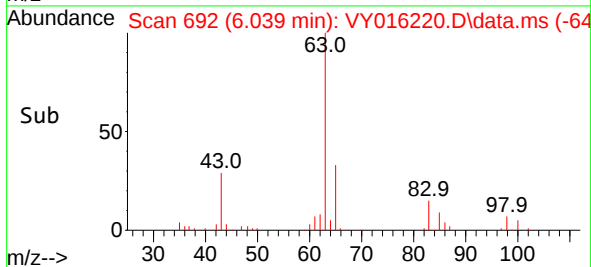
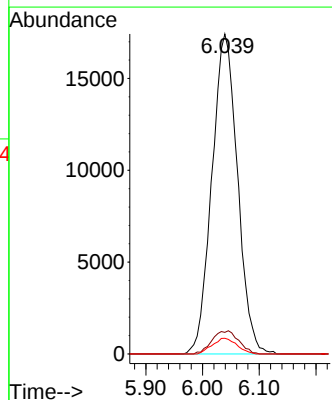
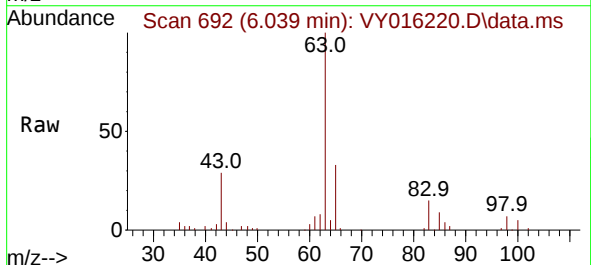
Manual Integrations
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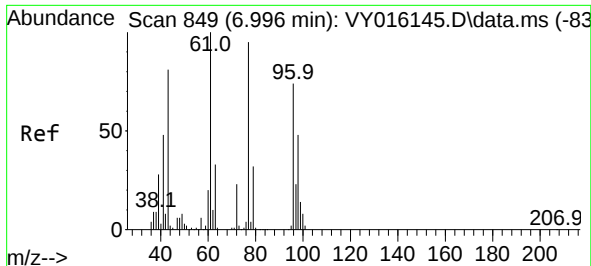
Reviewed By :John Carlone 11/06/2023
 Supervised By :Mahesh Dadoda 11/06/2023



#24
 1,1-Dichloroethane
 Concen: 20.850 ug/l
 RT: 6.039 min Scan# 692
 Delta R.T. 0.006 min
 Lab File: VY016220.D
 Acq: 03 Nov 2023 19:10

Tgt Ion: 63 Resp: 54733
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.1 9.4
 100 4.9 1.8 5.5





#25

2-Butanone

Concen: 102.688 ug/l

RT: 7.003 min Scan# 850

Delta R.T. 0.006 min

Lab File: VY016220.D

Acq: 03 Nov 2023 19:10

Instrument :

MSVOA_Y

ClientSampleId :

VY1103SBSD02

Tgt Ion: 43 Resp: 42474

Ion Ratio Lower Upper

43 100

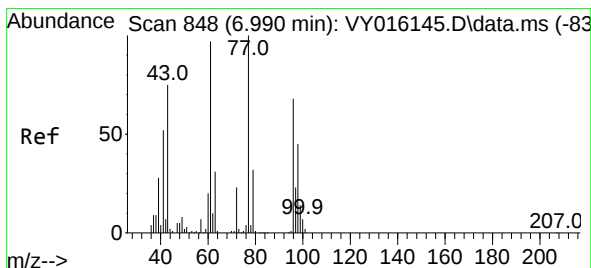
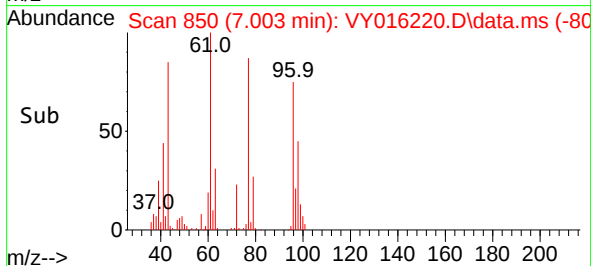
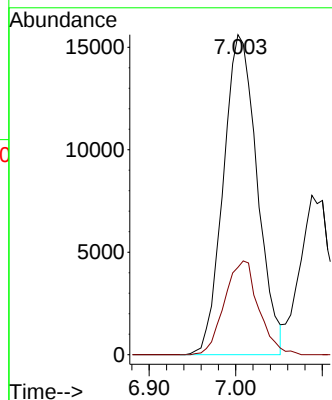
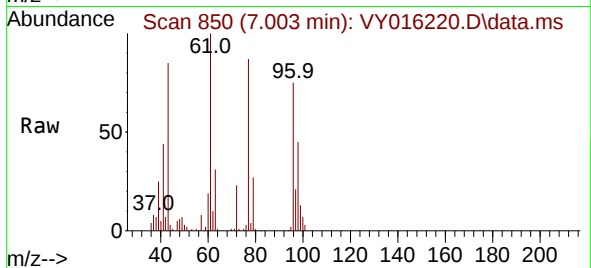
72 27.3 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#26

2,2-Dichloropropane

Concen: 19.379 ug/l

RT: 7.003 min Scan# 850

Delta R.T. 0.012 min

Lab File: VY016220.D

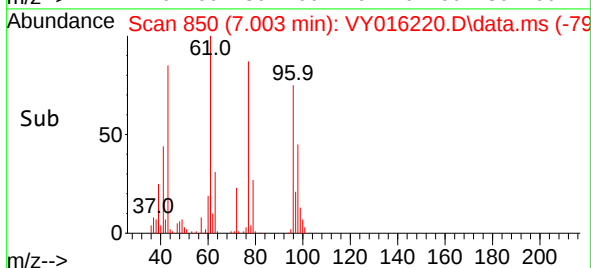
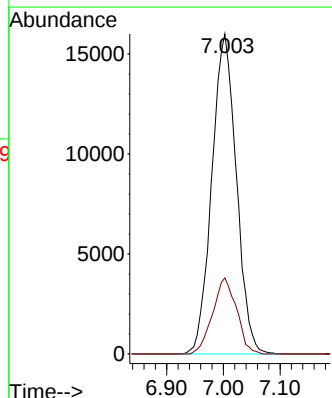
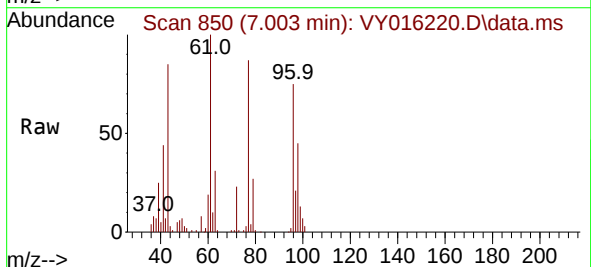
Acq: 03 Nov 2023 19:10

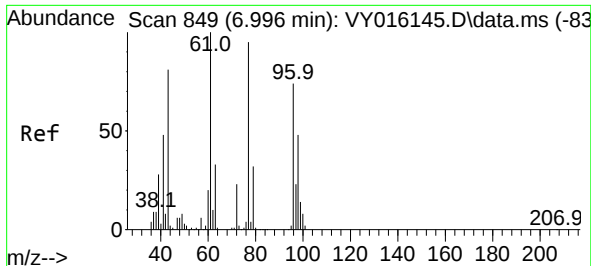
Tgt Ion: 77 Resp: 48089

Ion Ratio Lower Upper

77 100

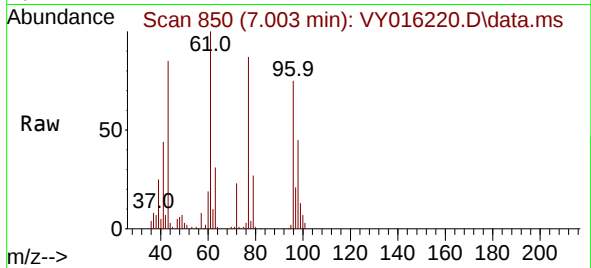
97 23.2 10.9 32.9





#27
 cis-1,2-Dichloroethene
 Concen: 20.742 ug/l
 RT: 7.003 min Scan# 850
 Delta R.T. 0.006 min
 Lab File: VY016220.D
 Acq: 03 Nov 2023 19:10

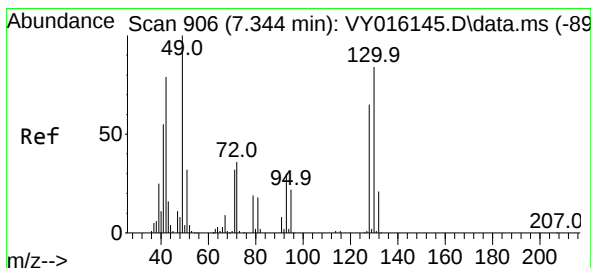
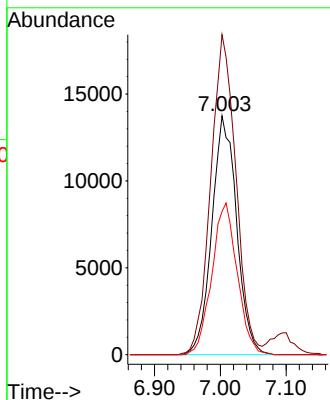
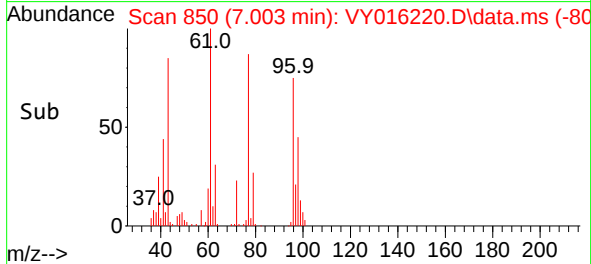
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1103SBSD02



Tgt Ion: 96 Resp: 3604
 Ion Ratio Lower Upper
 96 100
 61 136.0 0.0 301.4
 98 65.0 0.0 130.4

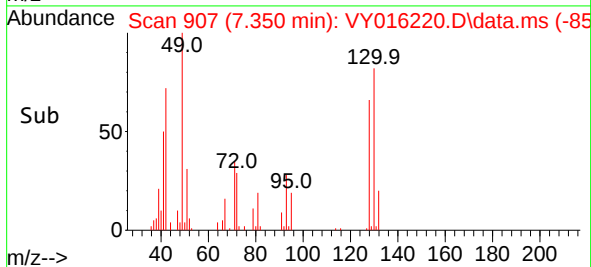
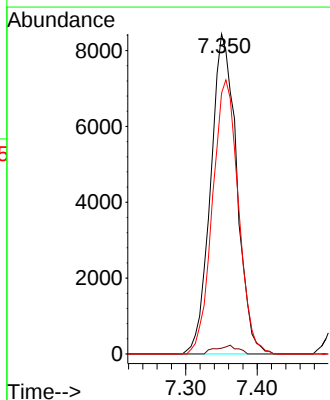
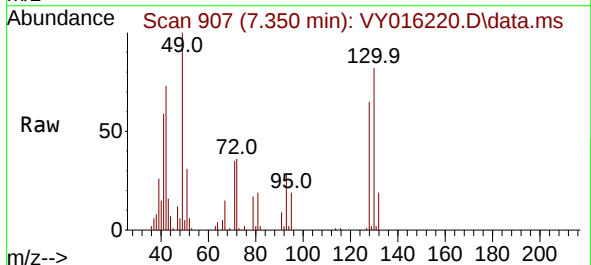
Manual Integrations
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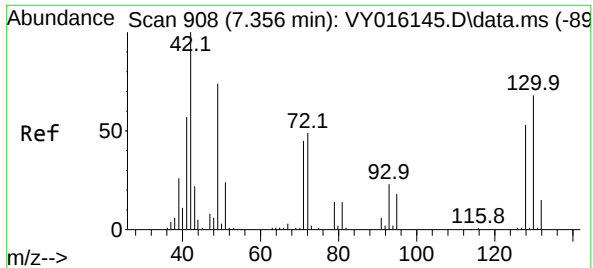
Reviewed By :John Carlone 11/06/2023
 Supervised By :Mahesh Dadoda 11/06/2023



#28
 Bromochloromethane
 Concen: 21.679 ug/l
 RT: 7.350 min Scan# 907
 Delta R.T. 0.006 min
 Lab File: VY016220.D
 Acq: 03 Nov 2023 19:10

Tgt Ion: 49 Resp: 21295
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.6
 130 85.2 60.7 91.1





#29

Tetrahydrofuran

Concen: 110.840 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.012 min

Lab File: VY016220.D

Acq: 03 Nov 2023 19:10

Instrument :

MSVOA_Y

ClientSampleId :

VY1103SBS02

Tgt Ion: 42 Resp: 28739

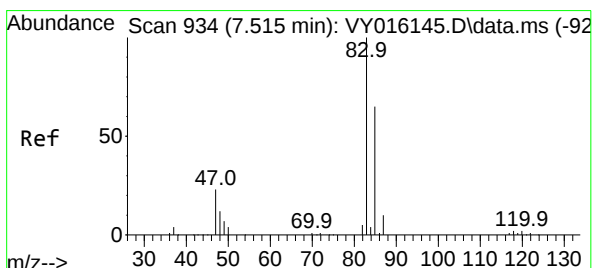
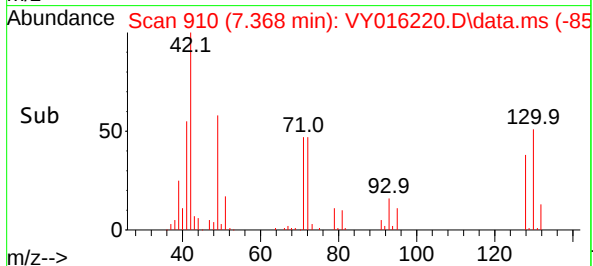
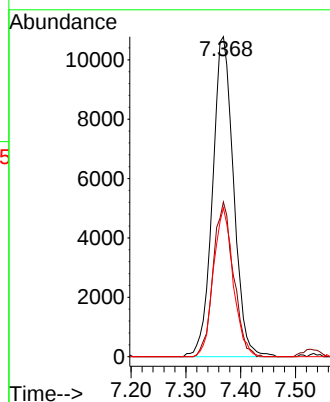
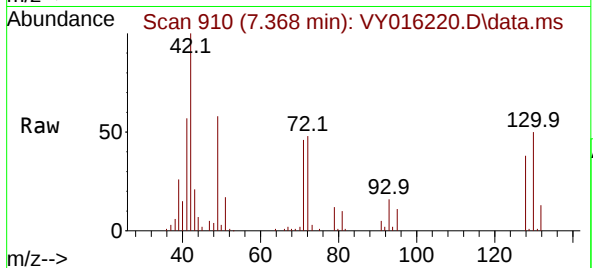
Ion	Ratio	Lower	Upper
42	100		
72	46.6	32.8	49.2
71	43.8	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#30

Chloroform

Concen: 21.786 ug/l

RT: 7.521 min Scan# 935

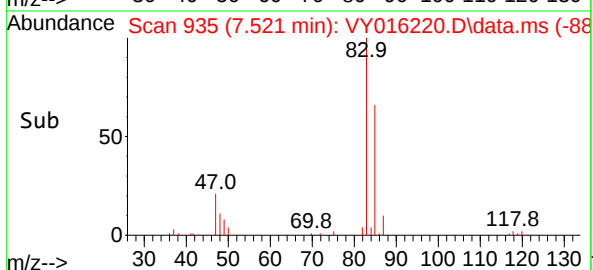
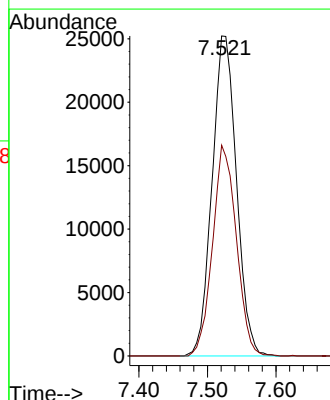
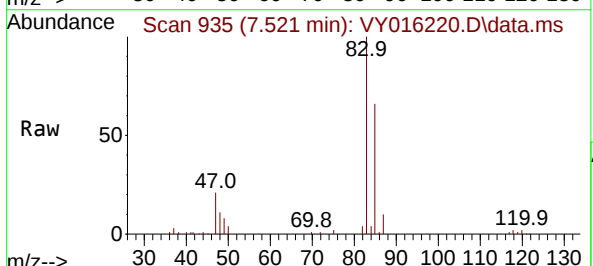
Delta R.T. 0.006 min

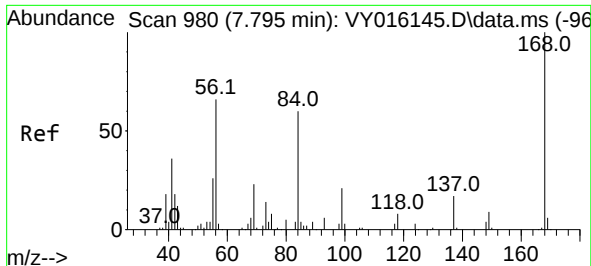
Lab File: VY016220.D

Acq: 03 Nov 2023 19:10

Tgt Ion: 83 Resp: 62262

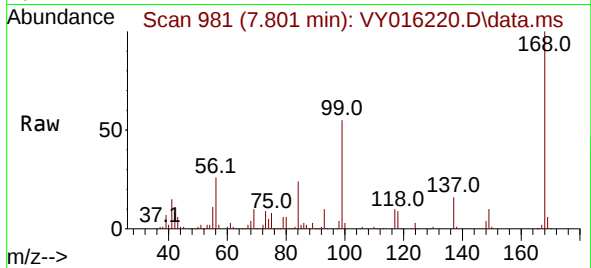
Ion	Ratio	Lower	Upper
83	100		
85	65.8	49.7	74.5





#31
Cyclohexane
Concen: 18.755 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

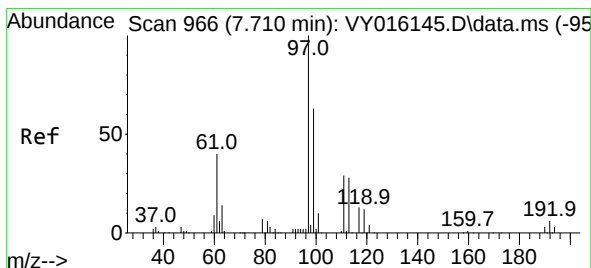
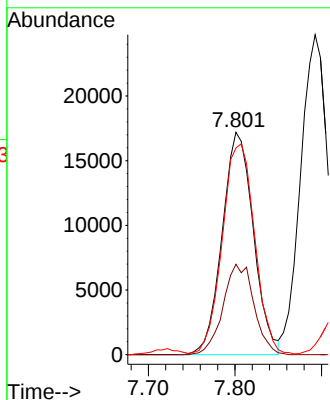
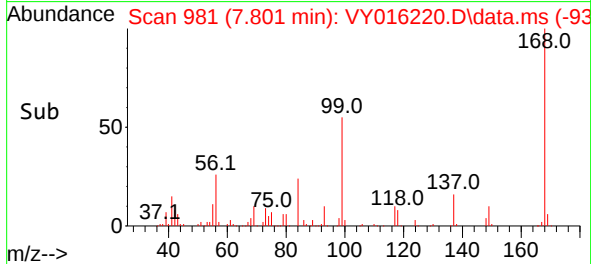
Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBSD02



Tgt Ion: 56 Resp: 43224
Ion Ratio Lower Upper
56 100
69 40.6 27.8 41.6
84 91.2 66.4 99.6

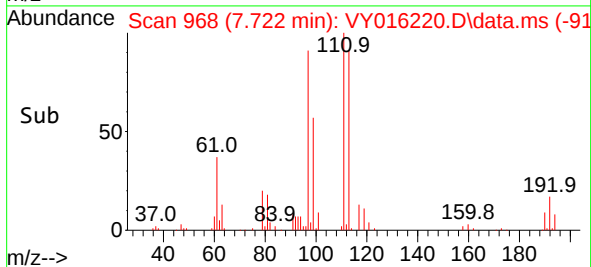
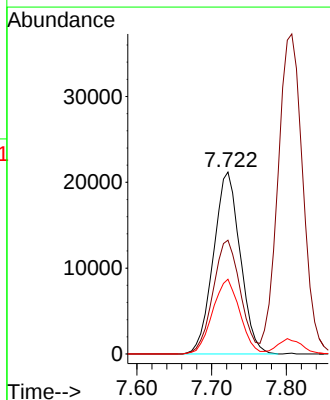
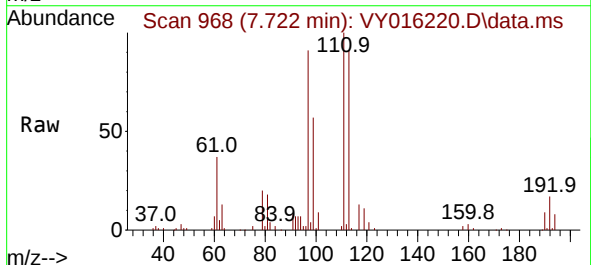
Manual Integrations
APPROVED

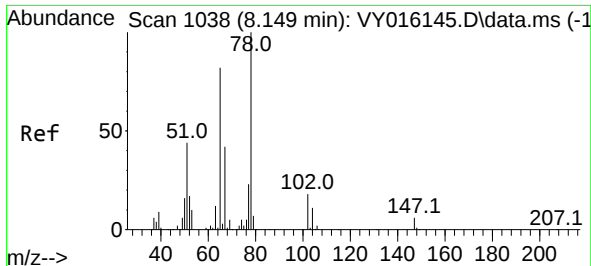
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#32
1,1,1-Trichloroethane
Concen: 20.134 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.012 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

Tgt Ion: 97 Resp: 52770
Ion Ratio Lower Upper
97 100
99 64.5 50.8 76.2
61 42.0 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 51.408 ug/l

RT: 8.161 min Scan# 1107

Delta R.T. 0.012 min

Lab File: VY016220.D

Acq: 03 Nov 2023 19:10

Instrument :

MSVOA_Y

ClientSampleId :

VY1103SBS02

Tgt Ion: 65 Resp: 77072

Ion Ratio Lower Upper

65 100

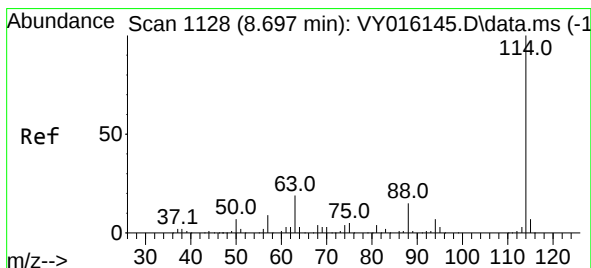
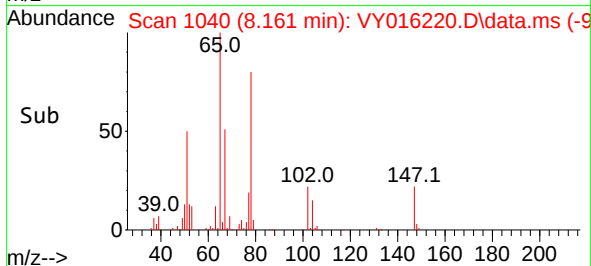
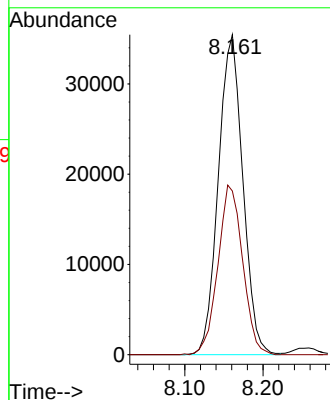
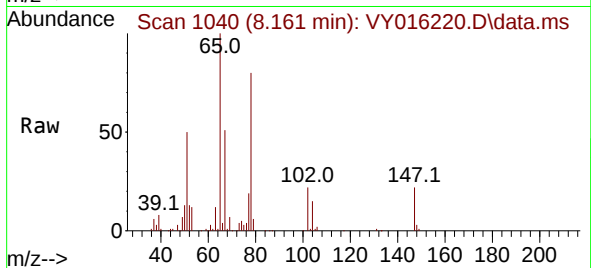
67 53.5 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY016220.D

Acq: 03 Nov 2023 19:10

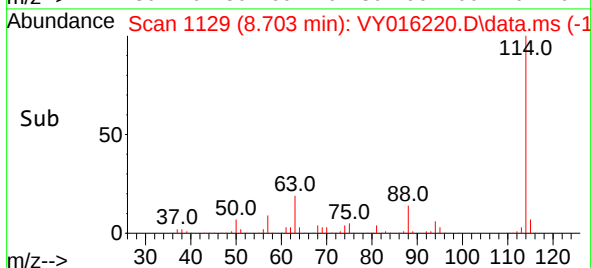
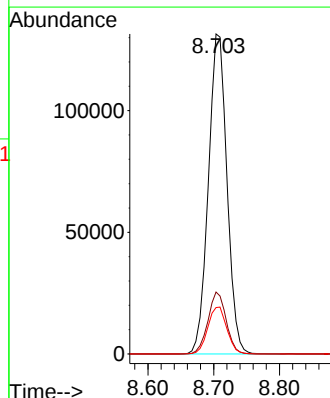
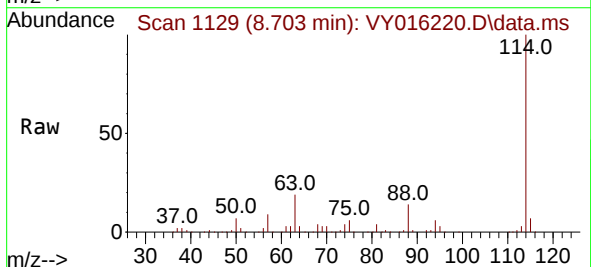
Tgt Ion:114 Resp: 258644

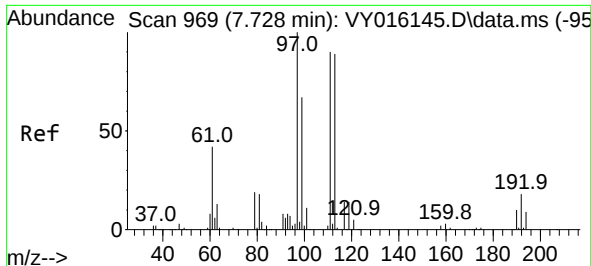
Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.4

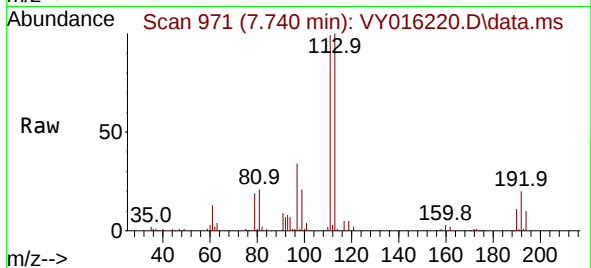
88 14.5 0.0 30.6





#35
Dibromofluoromethane
Concen: 47.916 ug/l
RT: 7.740 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

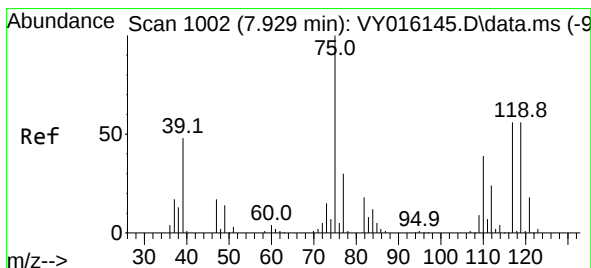
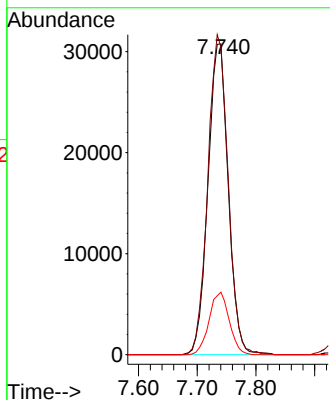
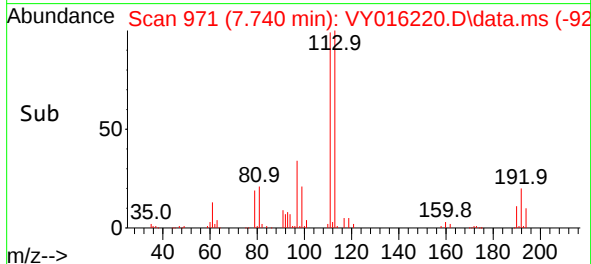
Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBSD02



Tgt Ion: 113 Resp: 73884
Ion Ratio Lower Upper
113 100
111 102.8 81.3 121.9
192 20.0 16.9 25.3

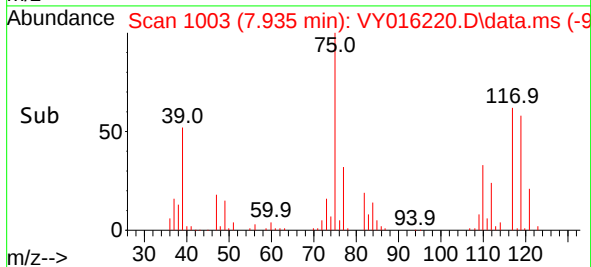
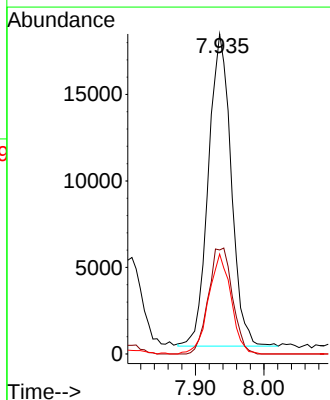
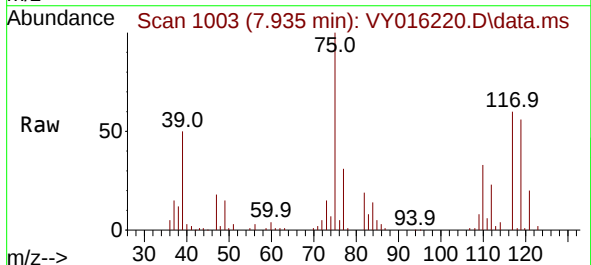
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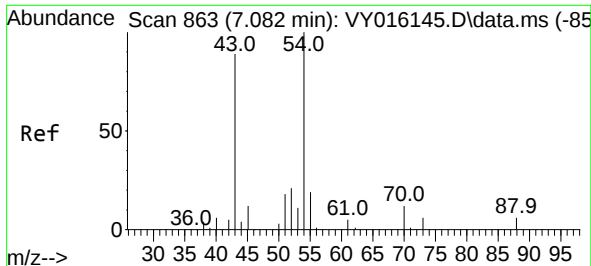
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#36
1,1-Dichloropropene
Concen: 18.672 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

Tgt Ion: 75 Resp: 41575
Ion Ratio Lower Upper
75 100
110 35.9 17.8 53.5
77 31.6 24.4 36.6





#37

Ethyl Acetate

Concen: 20.725 ug/l

RT: 7.088 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY016220.D

Acq: 03 Nov 2023 19:10

Instrument :

MSVOA_Y

ClientSampleId :

VY1103SBS02

Tgt Ion: 43 Resp: 2055

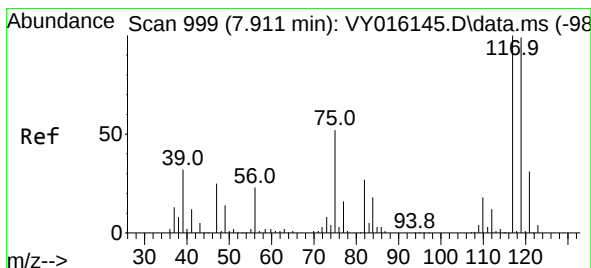
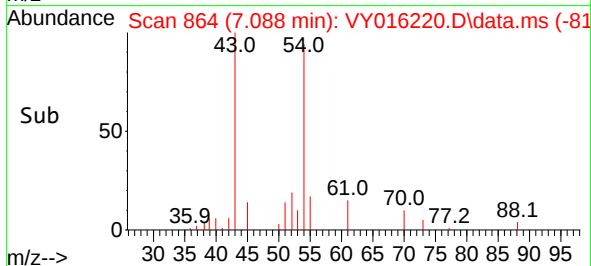
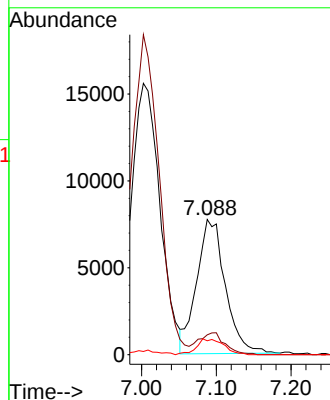
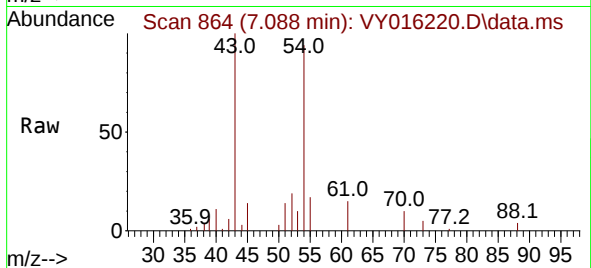
Ion	Ratio	Lower	Upper
43	100		
61	15.1	10.1	15.1
70	11.1	7.1	10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#38

Carbon Tetrachloride

Concen: 21.265 ug/l

RT: 7.917 min Scan# 1000

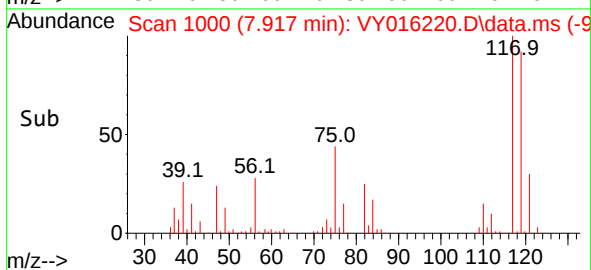
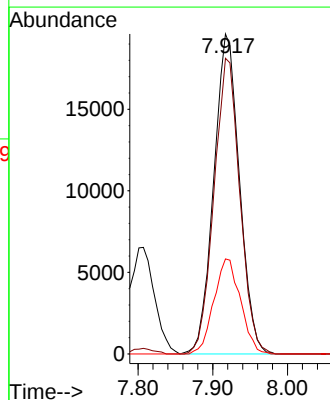
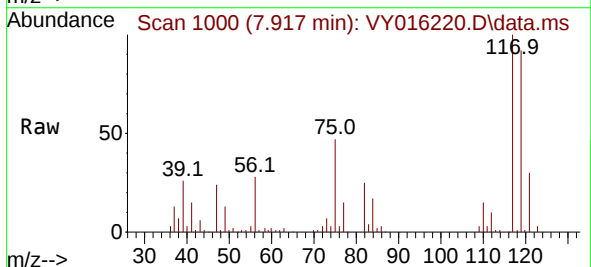
Delta R.T. 0.006 min

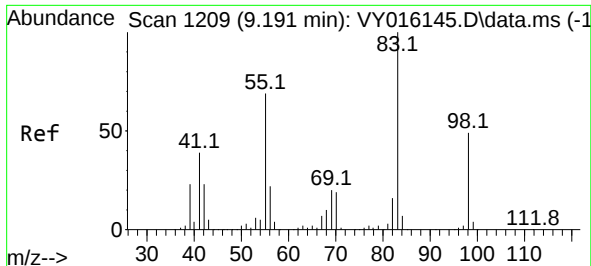
Lab File: VY016220.D

Acq: 03 Nov 2023 19:10

Tgt Ion:117 Resp: 46908

Ion	Ratio	Lower	Upper
117	100		
119	92.4	76.4	114.6
121	29.7	25.8	38.6





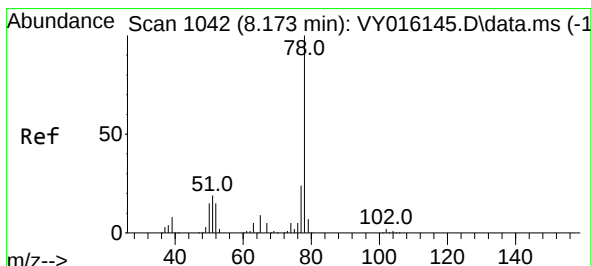
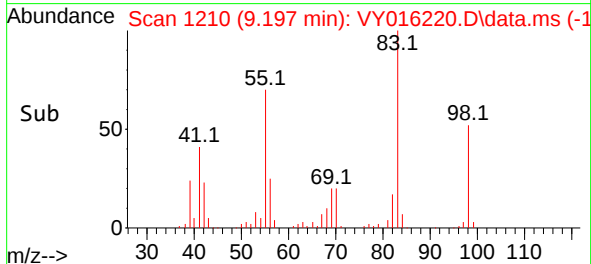
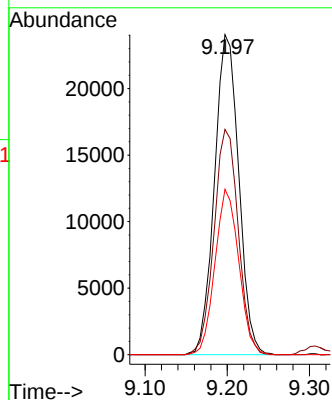
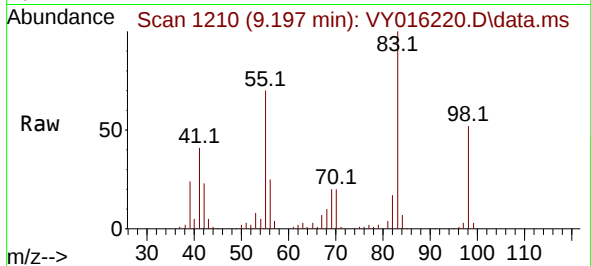
#39
Methylcyclohexane
Concen: 18.580 ug/l
RT: 9.197 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBSD02

Tgt Ion: 83 Resp: 4938
Ion Ratio Lower Upper
83 100
55 70.4 63.0 94.4
98 51.6 37.4 56.2

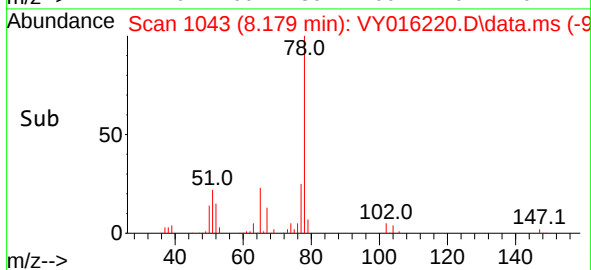
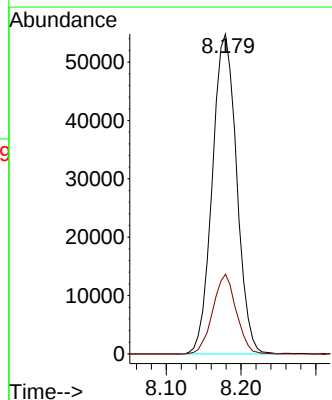
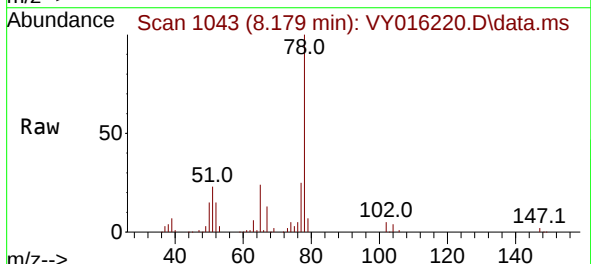
Manual Integrations
APPROVED

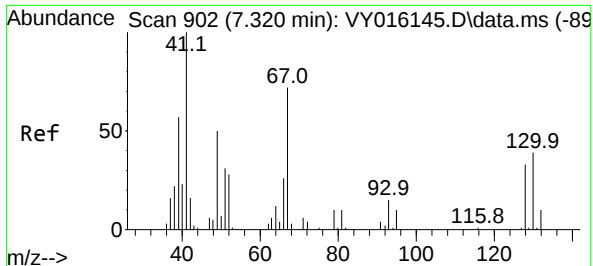
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#40
Benzene
Concen: 19.436 ug/l
RT: 8.179 min Scan# 1043
Delta R.T. 0.006 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

Tgt Ion: 78 Resp: 124242
Ion Ratio Lower Upper
78 100
77 24.9 19.0 28.6





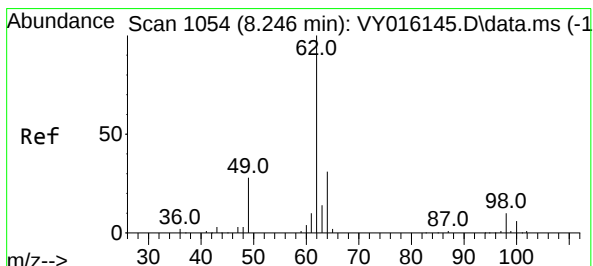
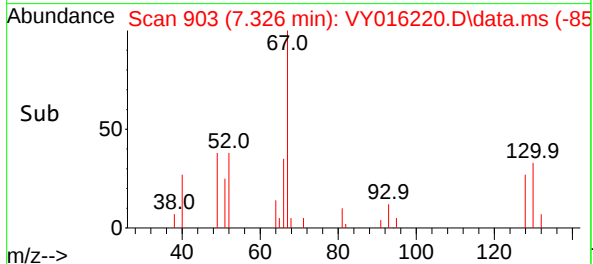
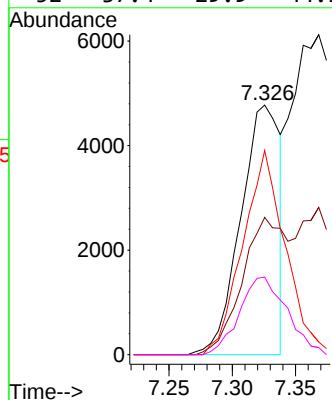
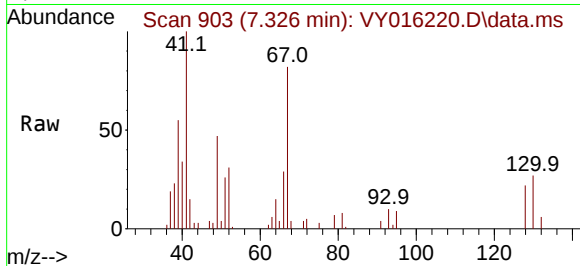
#41
Methacrylonitrile
Concen: 17.931 ug/l
RT: 7.326 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBSD02

Tgt Ion	Ratio	Lower	Upper
41	100		
39	61.4	52.1	78.1
67	88.6	66.2	99.2
52	37.4	29.9	44.9

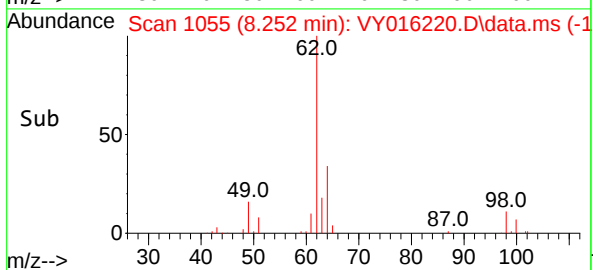
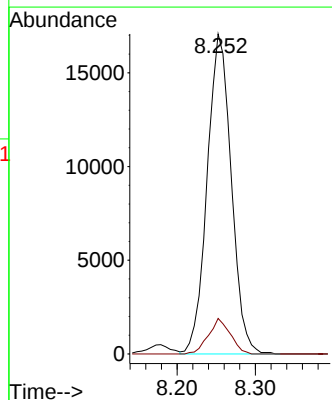
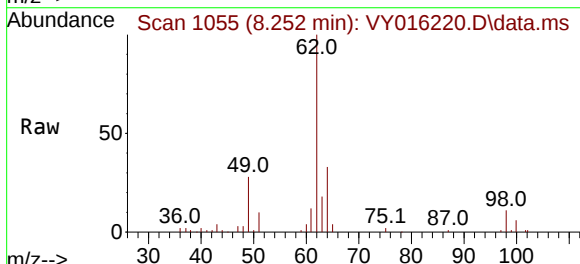
Manual Integrations
APPROVED

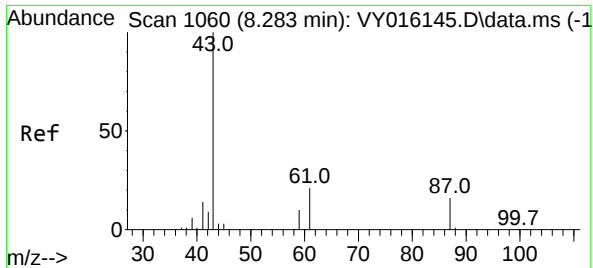
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#42
1,2-Dichloroethane
Concen: 20.488 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	15.8





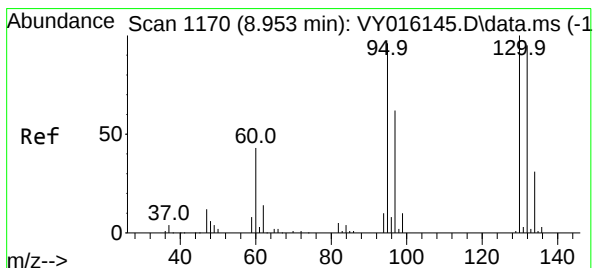
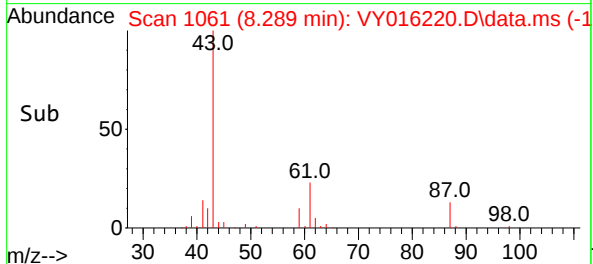
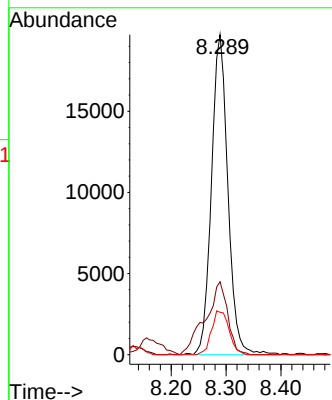
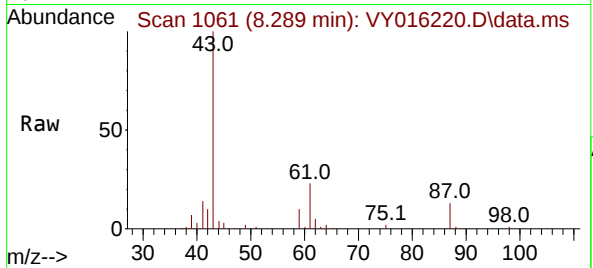
#43
Isopropyl Acetate
Concen: 20.873 ug/l
RT: 8.289 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBS02

Tgt Ion: 43 Resp: 4094
Ion Ratio Lower Upper
43 100
61 31.0 21.1 31.7
87 14.6 9.8 14.8

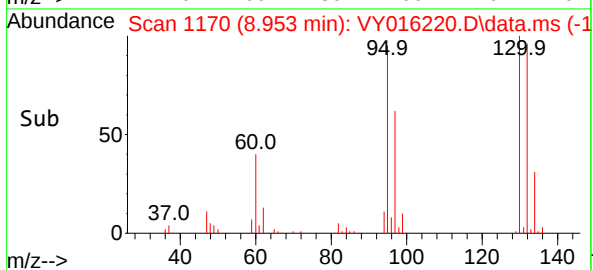
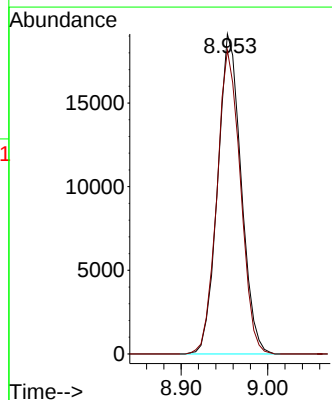
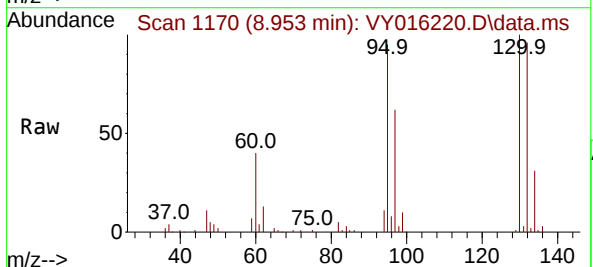
Manual Integrations
APPROVED

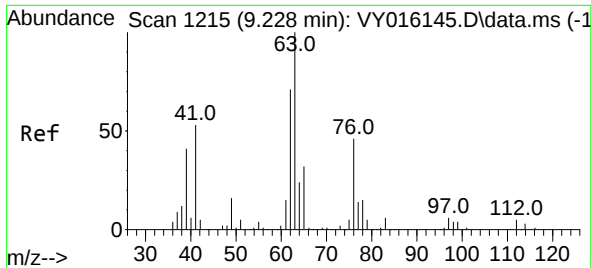
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#44
Trichloroethene
Concen: 19.249 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

Tgt Ion:130 Resp: 36008
Ion Ratio Lower Upper
130 100
95 94.9 0.0 196.0





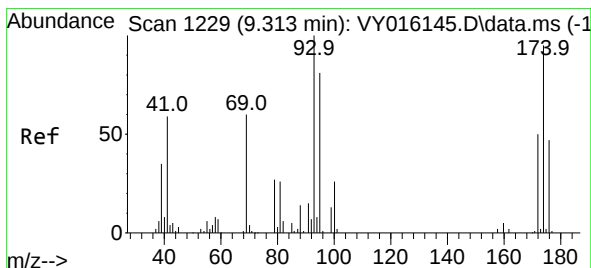
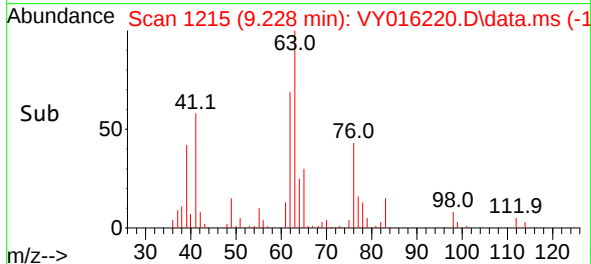
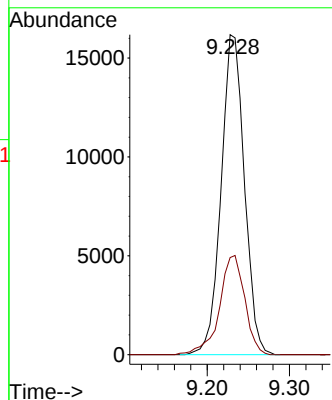
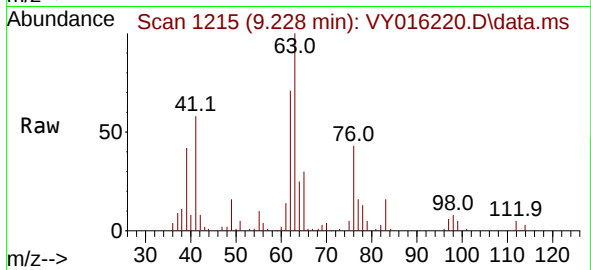
#45
1,2-Dichloropropane
Concen: 20.711 ug/l
RT: 9.228 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBS02

Tgt Ion: 63 Resp: 3184
Ion Ratio Lower Upper
63 100
65 30.3 23.8 35.6

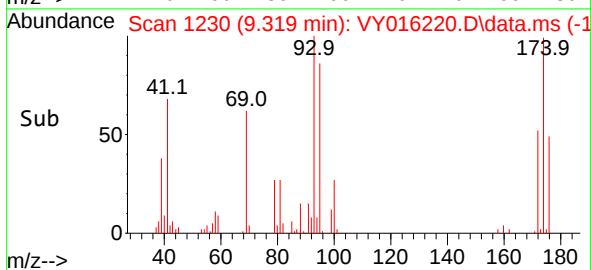
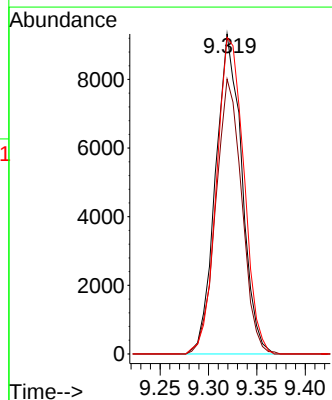
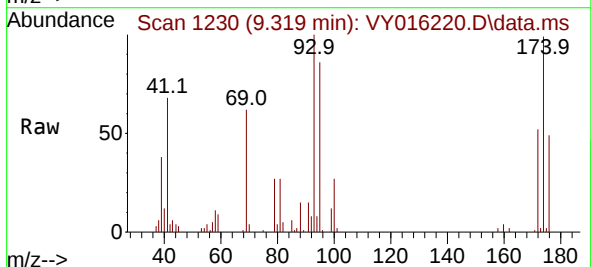
Manual Integrations
APPROVED

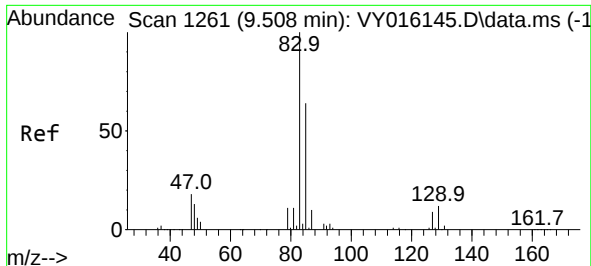
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#46
Dibromomethane
Concen: 20.154 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

Tgt Ion: 93 Resp: 17581
Ion Ratio Lower Upper
93 100
95 84.9 66.6 100.0
174 103.0 84.8 127.2





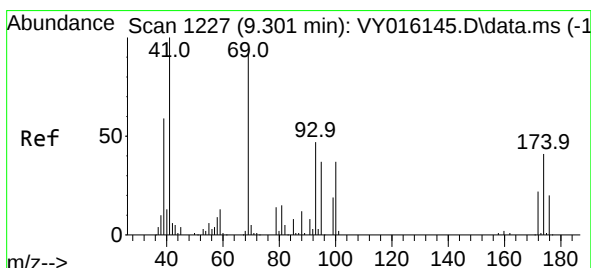
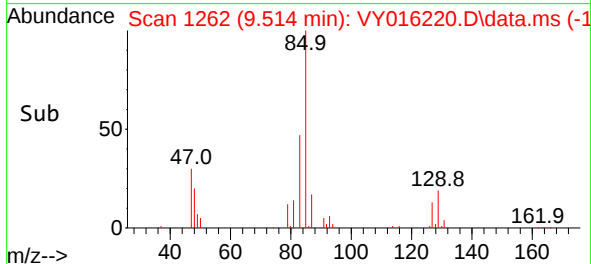
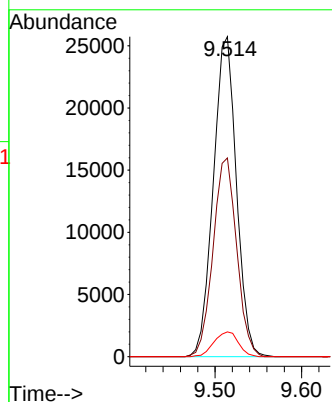
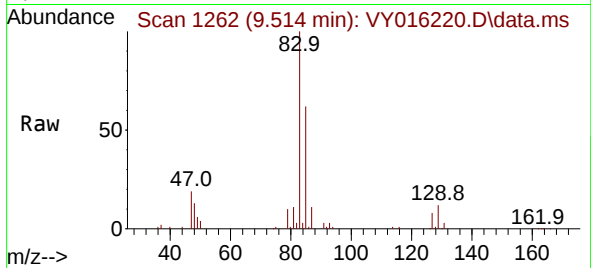
#47
Bromodichloromethane
Concen: 21.502 ug/l
RT: 9.514 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBSD02

Tgt Ion: 83 Resp: 4765
Ion Ratio Lower Upper
83 100
85 62.1 50.1 75.1
127 7.8 7.1 10.7

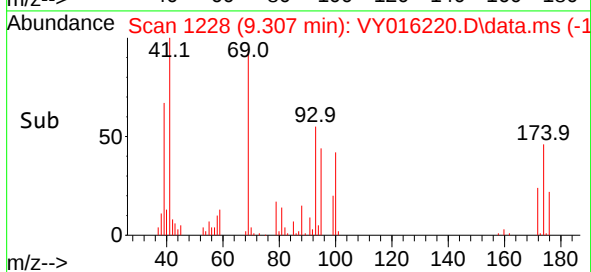
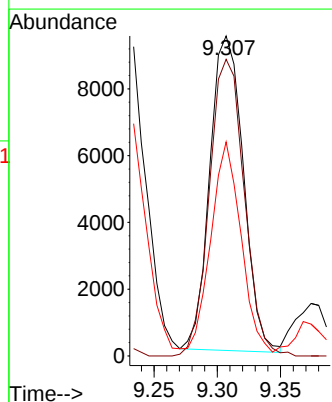
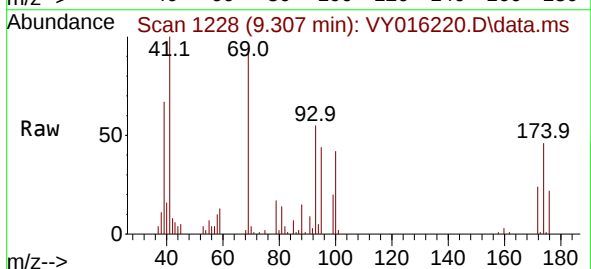
Manual Integrations
APPROVED

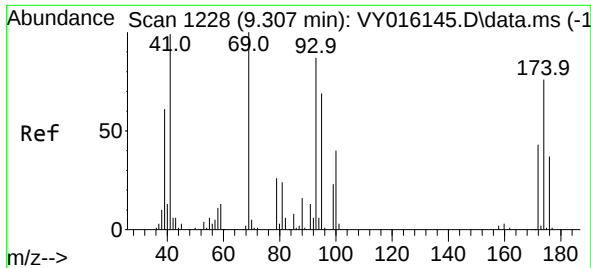
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#48
Methyl methacrylate
Concen: 19.446 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

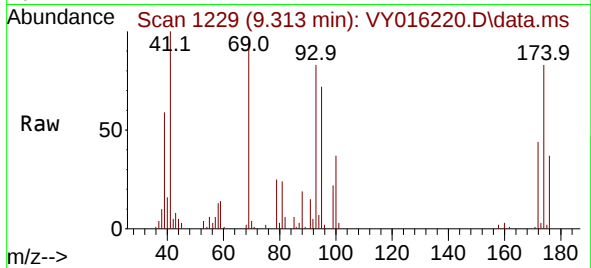
Tgt Ion: 41 Resp: 17346
Ion Ratio Lower Upper
41 100
69 98.1 64.5 96.7#
39 62.5 50.8 76.2





#49
1,4-Dioxane
Concen: 288.605 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

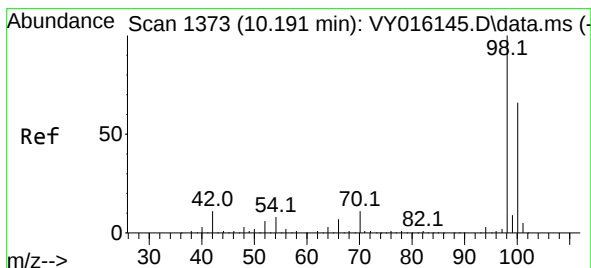
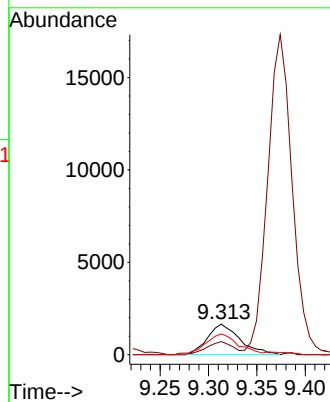
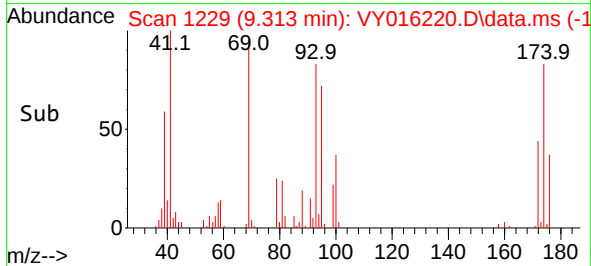
Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBSD02



Tgt Ion: 88 Resp: 3852
Ion Ratio Lower Upper
88 100
43 35.4 0.0 0.0
58 67.4 30.9 46.3

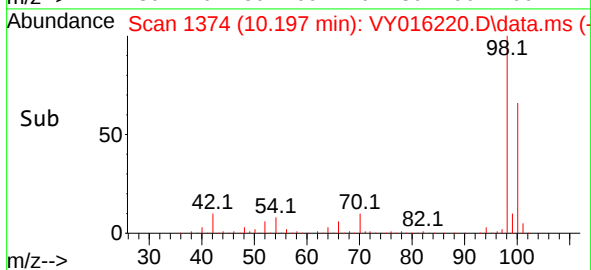
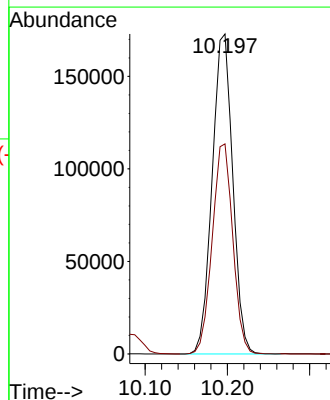
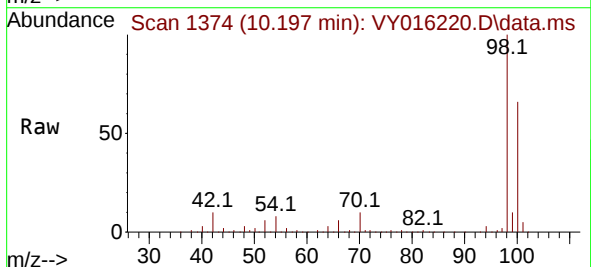
Manual Integrations
APPROVED

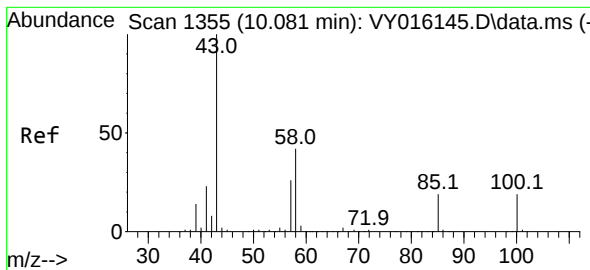
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#50
Toluene-d8
Concen: 49.158 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. 0.006 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

Tgt Ion: 98 Resp: 300528
Ion Ratio Lower Upper
98 100
100 65.7 50.1 75.1





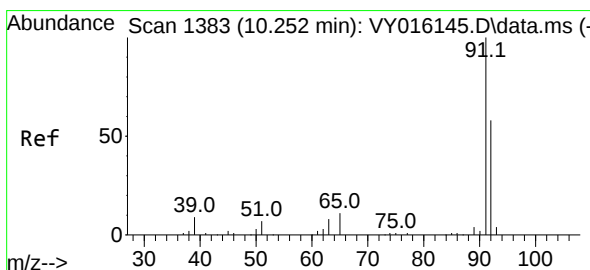
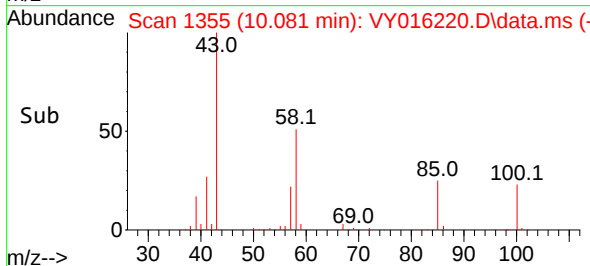
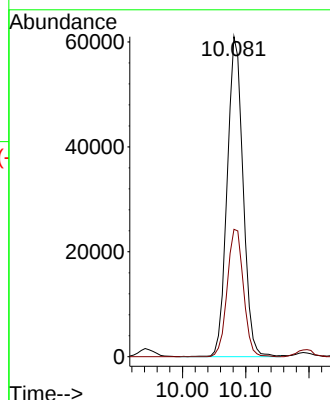
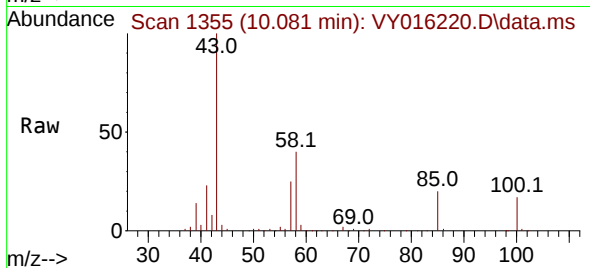
#51
4-Methyl-2-Pentanone
Concen: 108.551 ug/l
RT: 10.081 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBS02

Tgt Ion: 43 Resp: 106250
Ion Ratio Lower Upper
43 100
58 40.6 29.0 43.6

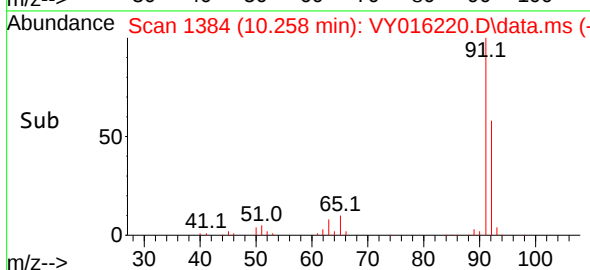
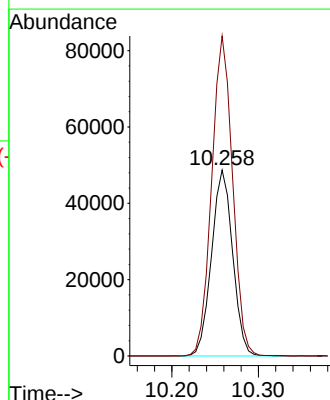
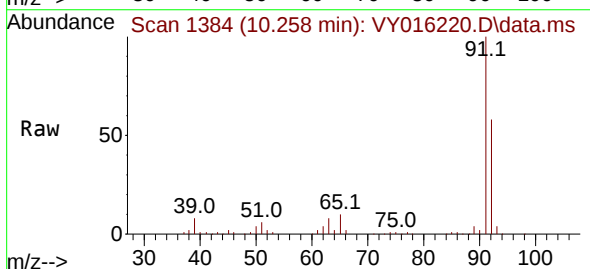
Manual Integrations
APPROVED

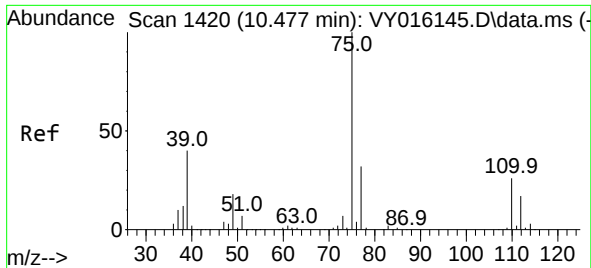
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#52
Toluene
Concen: 19.900 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

Tgt Ion: 92 Resp: 82428
Ion Ratio Lower Upper
92 100
91 170.5 143.8 215.6





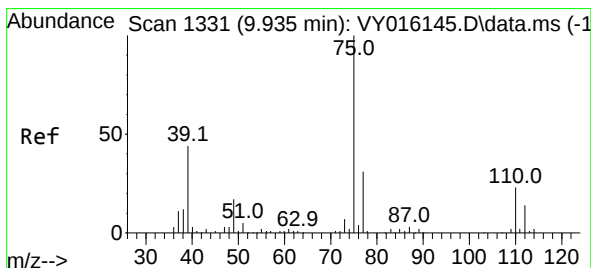
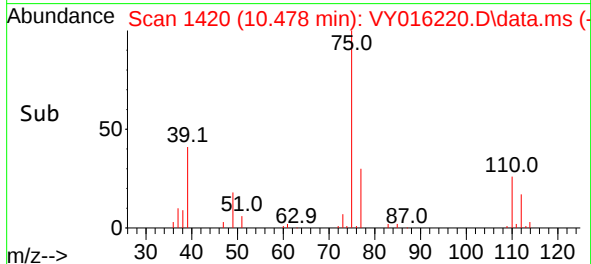
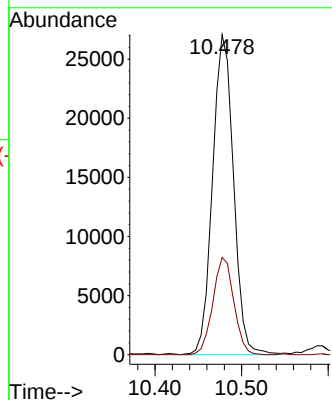
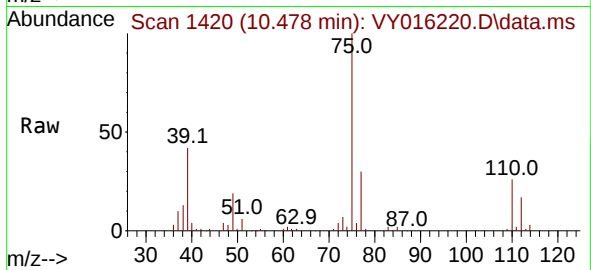
#53
 t-1,3-Dichloropropene
 Concen: 20.580 ug/l
 RT: 10.478 min Scan# 1420
 Delta R.T. 0.000 min
 Lab File: VY016220.D
 Acq: 03 Nov 2023 19:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1103SBS02

Tgt Ion: 75 Resp: 45534
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.0 37.4

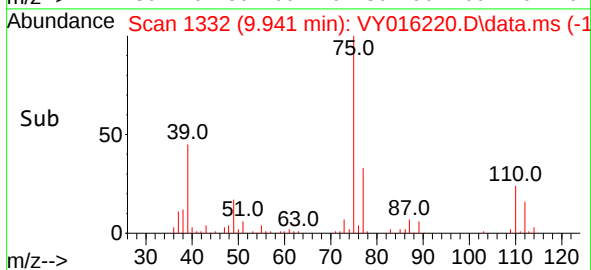
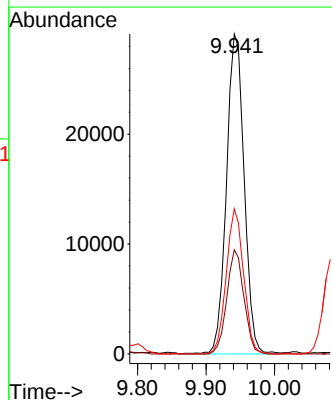
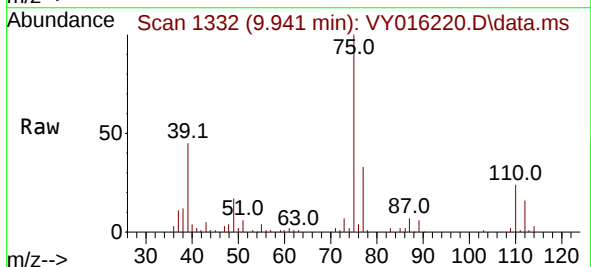
Manual Integrations
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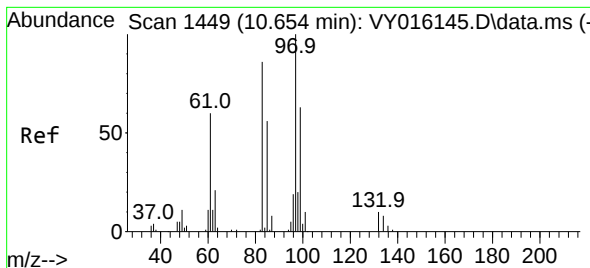
Reviewed By :John Carlone 11/06/2023
 Supervised By :Mahesh Dadoda 11/06/2023



#54
 cis-1,3-Dichloropropene
 Concen: 20.084 ug/l
 RT: 9.941 min Scan# 1332
 Delta R.T. 0.006 min
 Lab File: VY016220.D
 Acq: 03 Nov 2023 19:10

Tgt Ion: 75 Resp: 52141
 Ion Ratio Lower Upper
 75 100
 77 32.6 24.2 36.4
 39 45.4 42.2 63.4





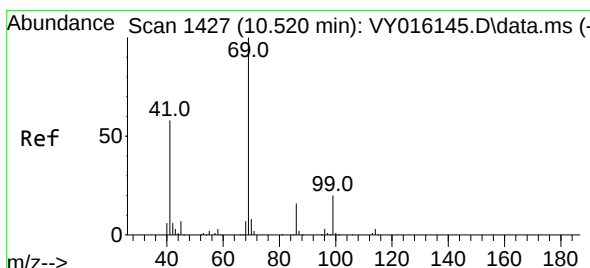
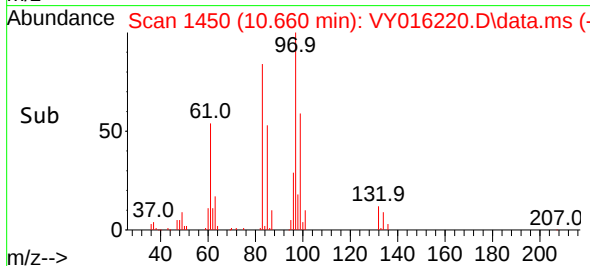
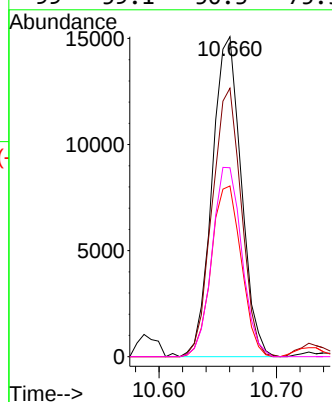
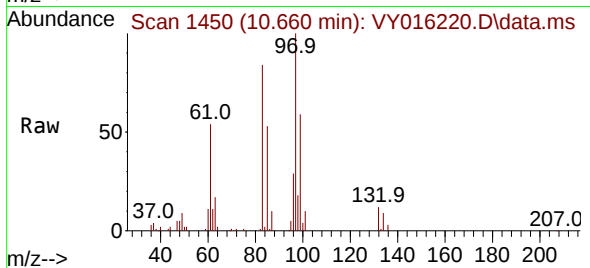
#55
1,1,2-Trichloroethane
Concen: 21.160 ug/l
RT: 10.660 min Scan# 1449
Delta R.T. 0.006 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBSD02

Tgt Ion: 97 Resp: 25964
Ion Ratio Lower Upper
97 100
83 83.9 72.0 108.0
85 53.3 45.4 68.0
99 59.1 50.3 75.5

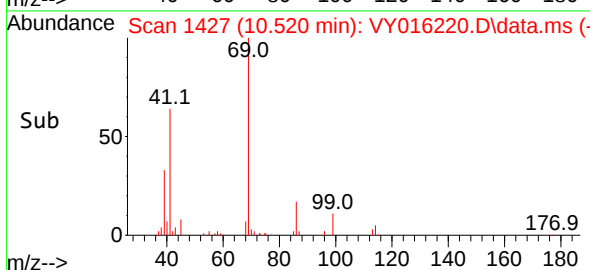
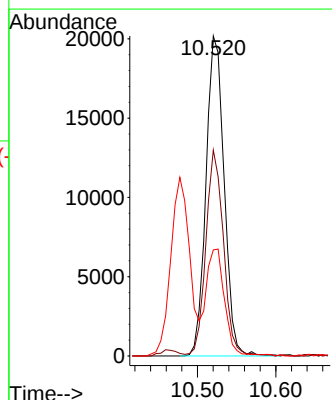
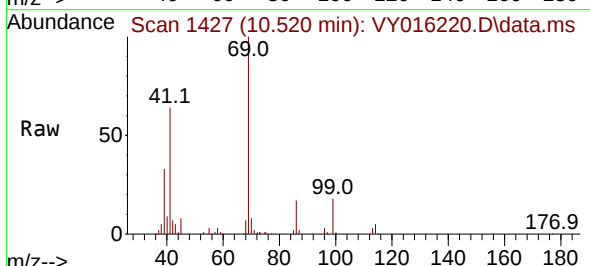
Manual Integrations
APPROVED

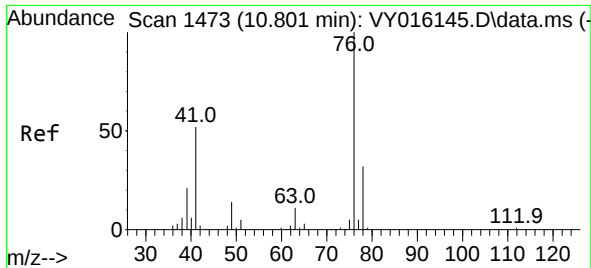
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#56
Ethyl methacrylate
Concen: 20.366 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

Tgt Ion: 69 Resp: 32454
Ion Ratio Lower Upper
69 100
41 62.8 57.6 86.4
39 34.1 34.1 51.1#





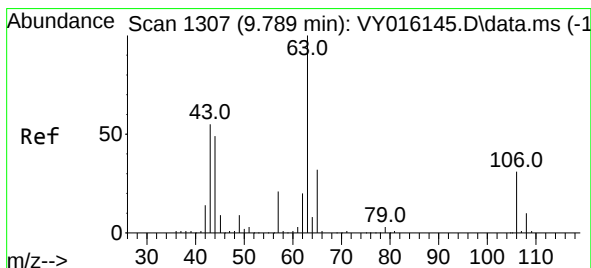
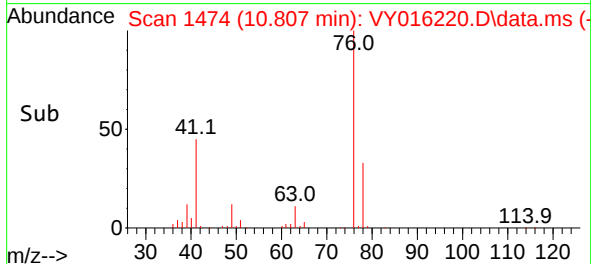
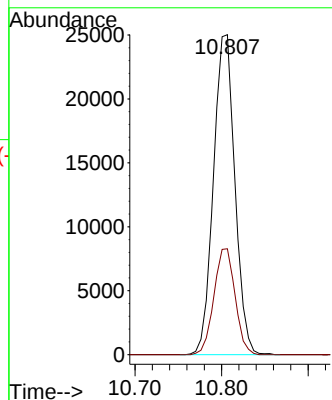
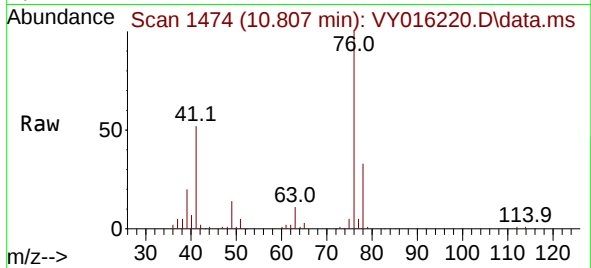
#57
1,3-Dichloropropane
Concen: 20.600 ug/l
RT: 10.807 min Scan# 1473
Delta R.T. 0.006 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBSD02

Tgt Ion: 76 Resp: 4303
Ion Ratio Lower Upper
76 100
78 32.7 25.3 37.9

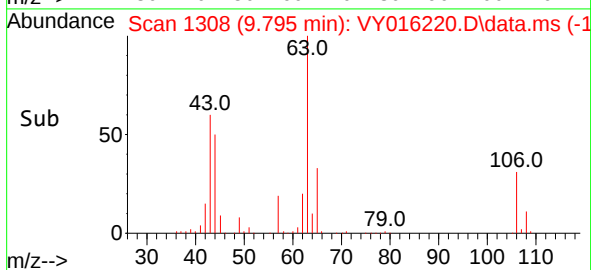
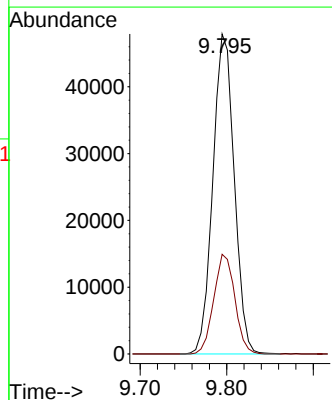
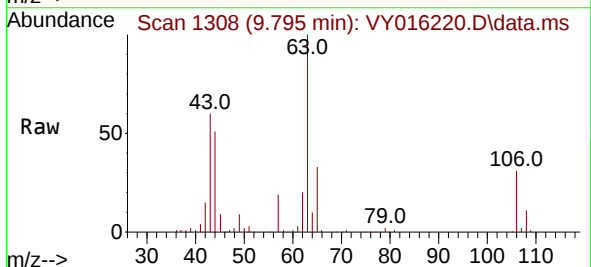
Manual Integrations
APPROVED

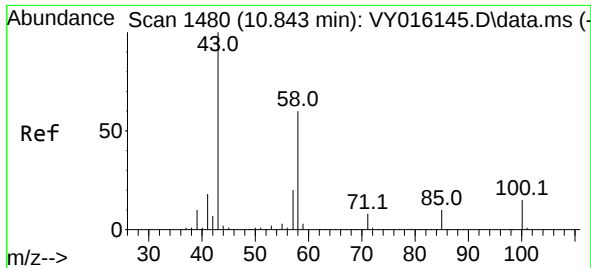
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#58
2-Chloroethyl Vinyl ether
Concen: 106.297 ug/l
RT: 9.795 min Scan# 1308
Delta R.T. 0.006 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

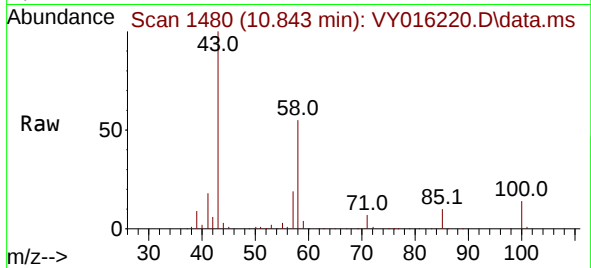
Tgt Ion: 63 Resp: 82138
Ion Ratio Lower Upper
63 100
106 30.7 21.2 31.8





#59
2-Hexanone
Concen: 108.267 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. 0.000 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

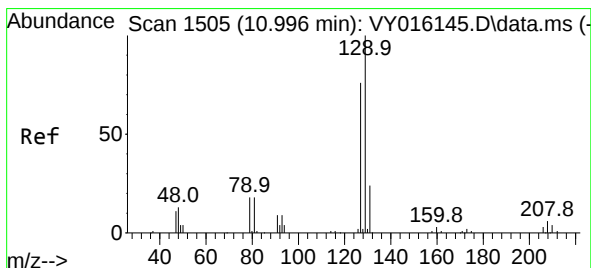
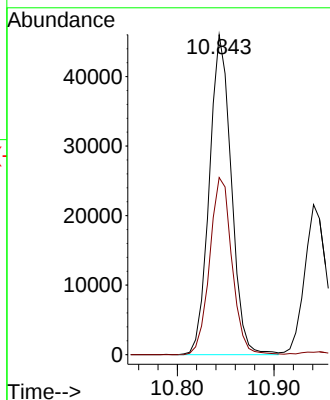
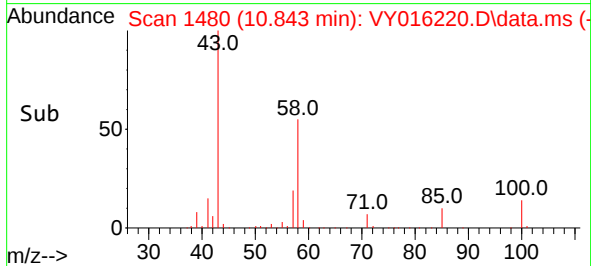
Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBSD02



Tgt Ion: 43 Resp: 72619
Ion Ratio Lower Upper
43 100
58 56.2 25.1 75.3

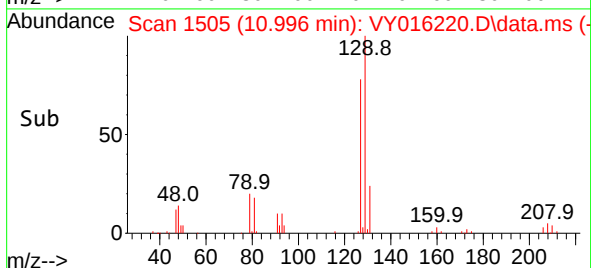
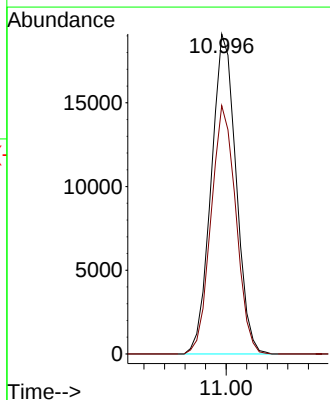
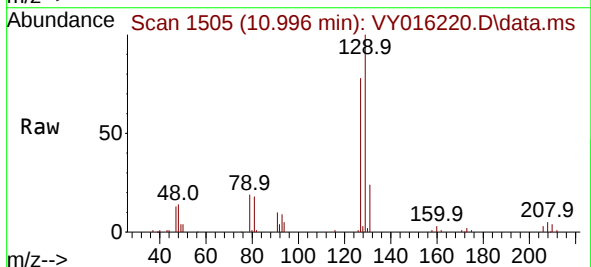
Manual Integrations
APPROVED

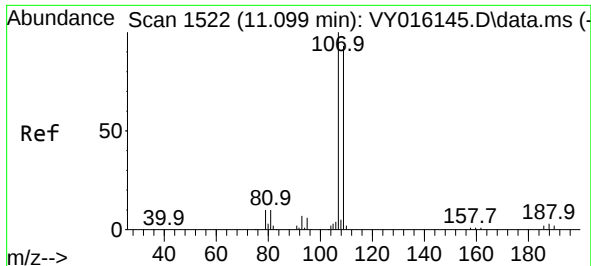
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#60
Dibromochloromethane
Concen: 20.828 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. 0.000 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

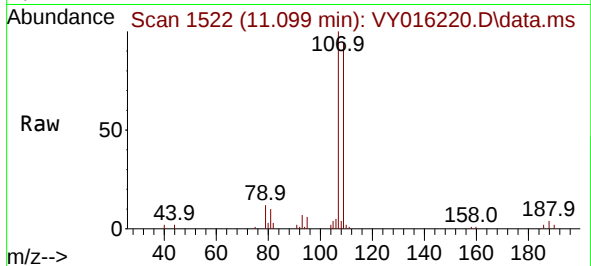
Tgt Ion:129 Resp: 32062
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.5





#61
1,2-Dibromoethane
Concen: 20.281 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

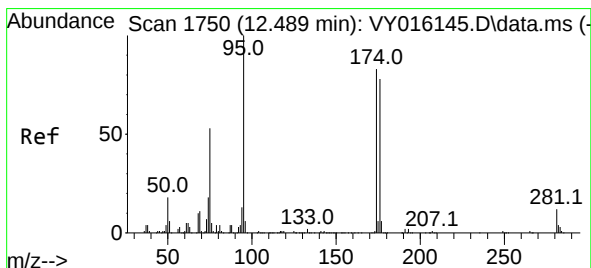
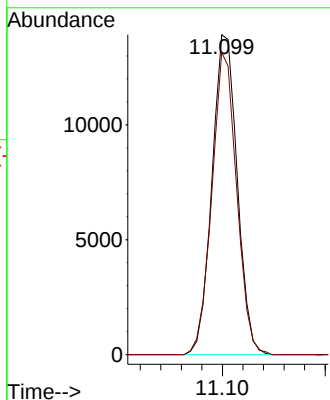
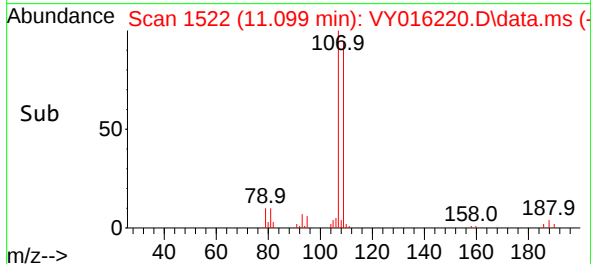
Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBSD02



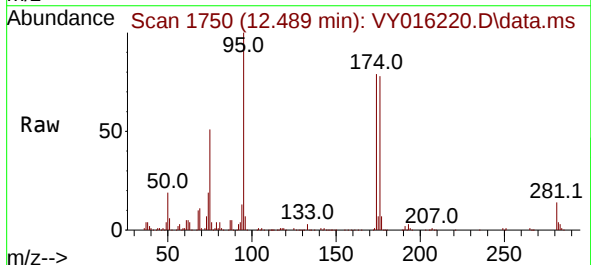
Tgt Ion:107 Resp: 23670
Ion Ratio Lower Upper
107 100
109 92.9 75.6 113.4

Manual Integrations
APPROVED

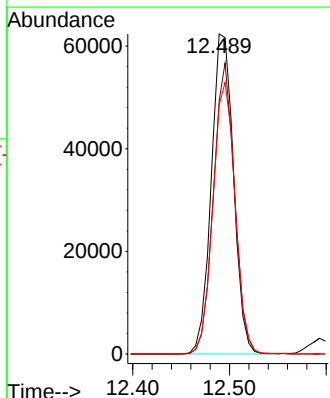
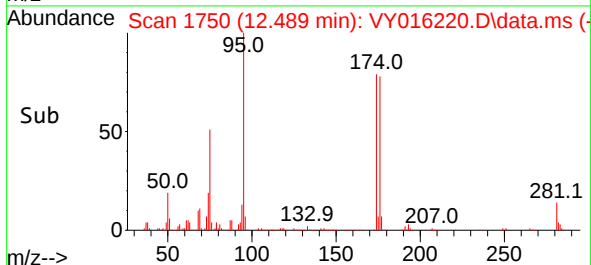
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

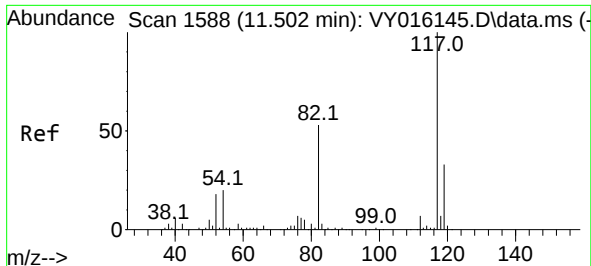


#62
4-Bromofluorobenzene
Concen: 47.585 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10



Tgt Ion: 95 Resp: 99478
Ion Ratio Lower Upper
95 100
174 86.4 0.0 178.2
176 84.7 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 1158

Delta R.T. 0.000 min

Lab File: VY016220.D

Acq: 03 Nov 2023 19:10

Instrument :

MSVOA_Y

ClientSampleId :

VY1103SBS02

Tgt Ion:117 Resp: 227015

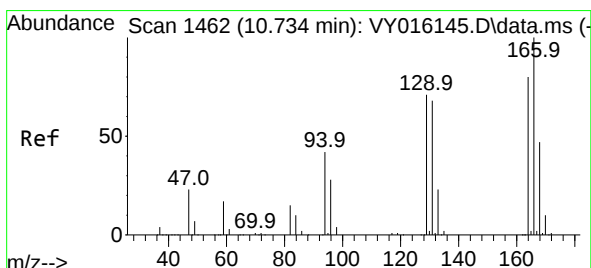
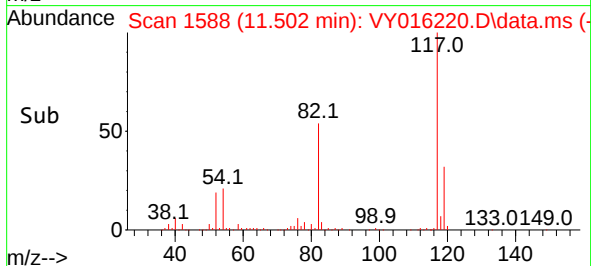
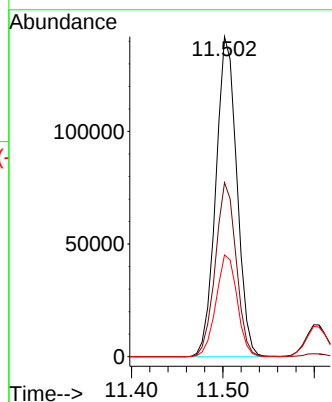
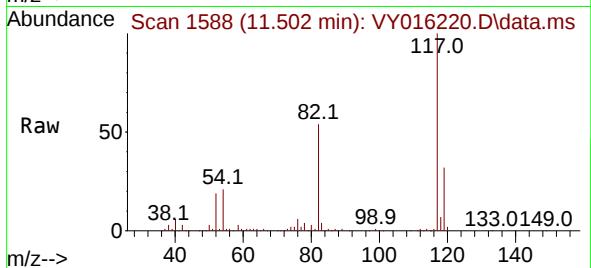
Ion	Ratio	Lower	Upper
117	100		
82	54.4	43.4	65.0
119	31.8	26.3	39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#64

Tetrachloroethene

Concen: 18.776 ug/l

RT: 10.734 min Scan# 1462

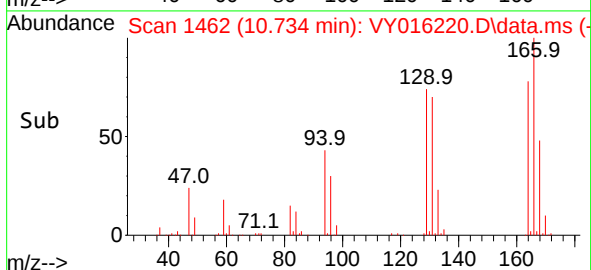
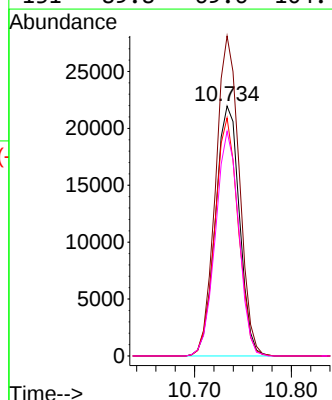
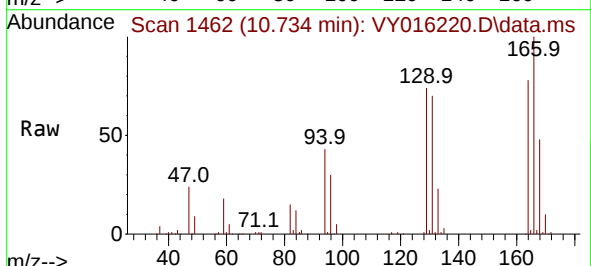
Delta R.T. 0.000 min

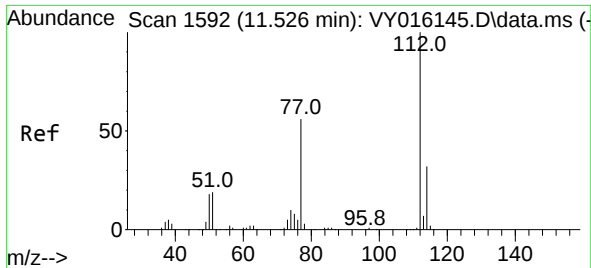
Lab File: VY016220.D

Acq: 03 Nov 2023 19:10

Tgt Ion:164 Resp: 37913

Ion	Ratio	Lower	Upper
164	100		
166	128.0	103.0	154.6
129	95.3	77.2	115.8
131	89.8	69.6	104.4





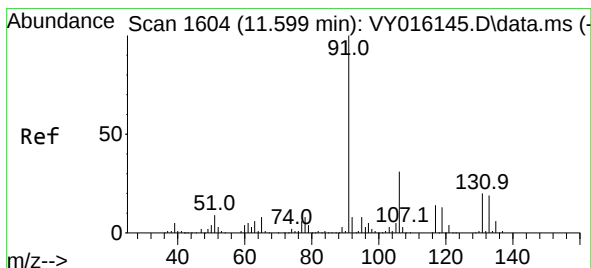
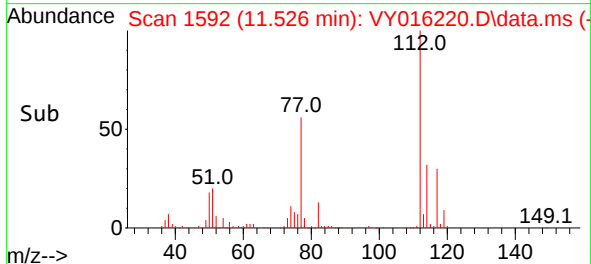
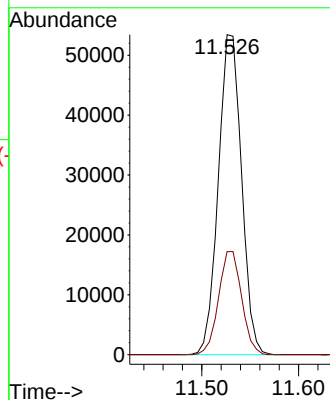
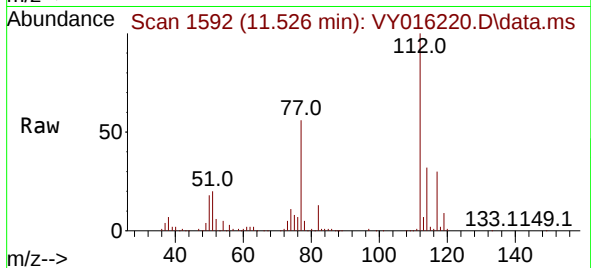
#65
Chlorobenzene
Concen: 19.757 ug/l
RT: 11.526 min Scan# 1159
Delta R.T. 0.000 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBSD02

Tgt Ion:112 Resp: 89109
Ion Ratio Lower Upper
112 100
114 32.2 25.5 38.3

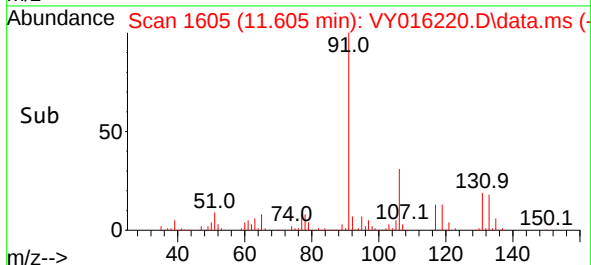
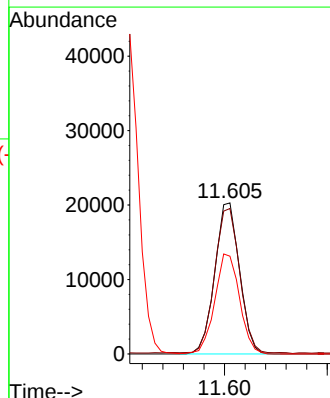
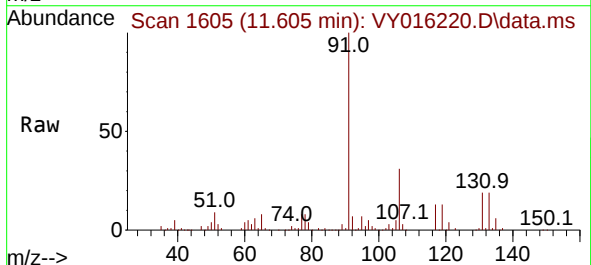
Manual Integrations
APPROVED

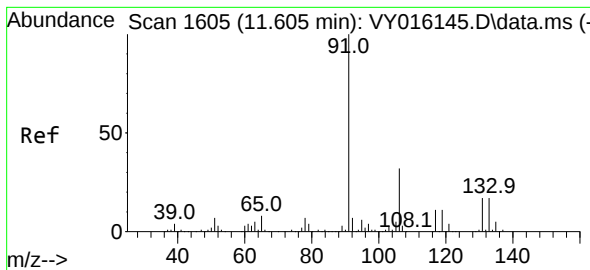
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 20.260 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.006 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

Tgt Ion:131 Resp: 33846
Ion Ratio Lower Upper
131 100
133 98.9 47.5 142.6
119 66.4 31.6 94.7





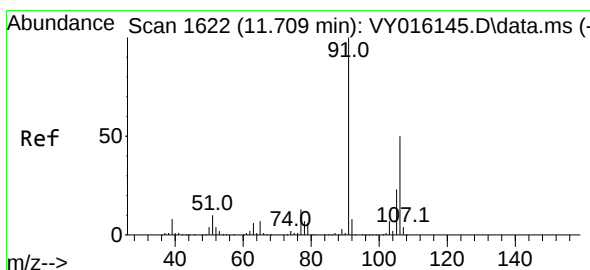
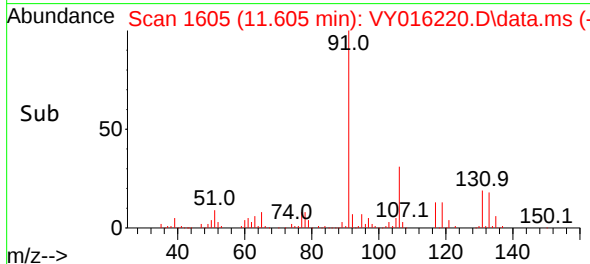
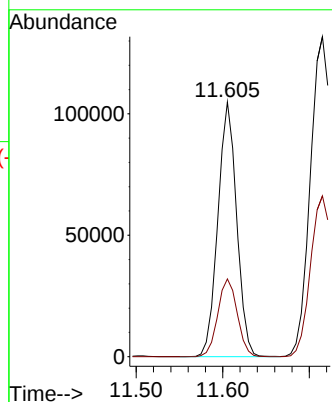
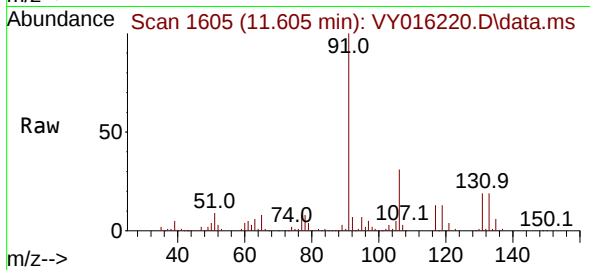
#67
Ethyl Benzene
Concen: 19.573 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.000 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBS02

Tgt Ion: 91 Resp: 157898
Ion Ratio Lower Upper
91 100
106 30.5 24.6 36.8

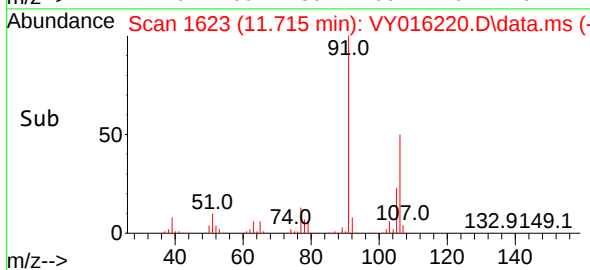
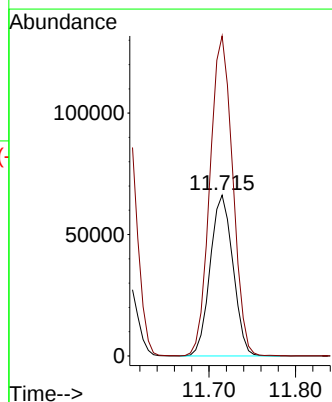
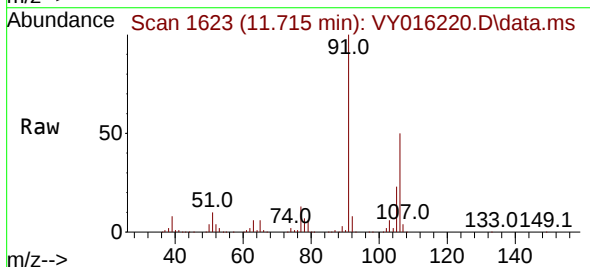
Manual Integrations
APPROVED

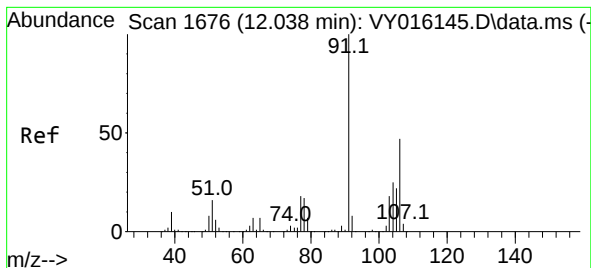
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#68
m/p-Xylenes
Concen: 38.803 ug/l
RT: 11.715 min Scan# 1623
Delta R.T. 0.006 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

Tgt Ion:106 Resp: 120959
Ion Ratio Lower Upper
106 100
91 199.2 166.1 249.1





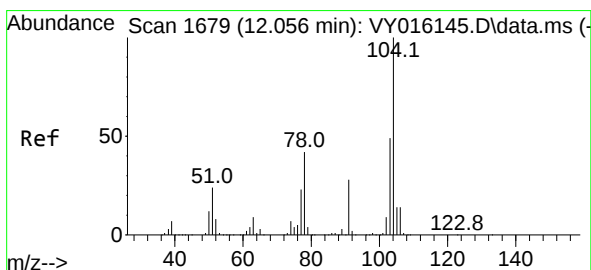
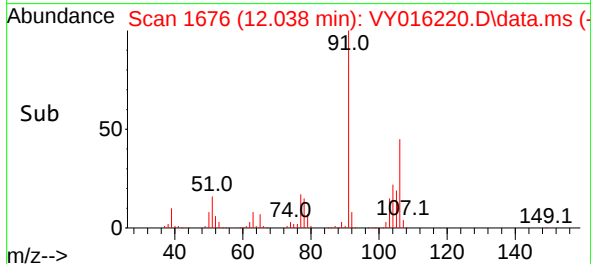
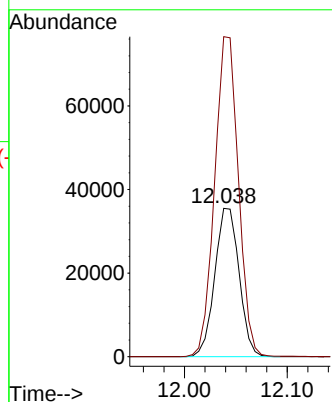
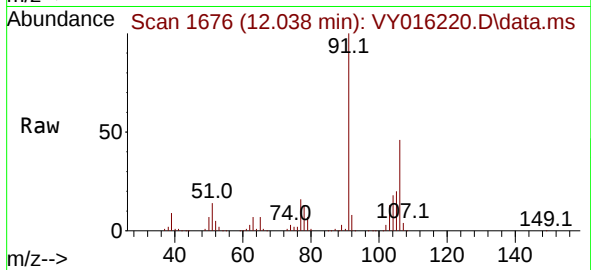
#69
o-Xylene
Concen: 19.561 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBSD02

Tgt Ion:106 Resp: 58219
Ion Ratio Lower Upper
106 100
91 211.4 108.1 324.3

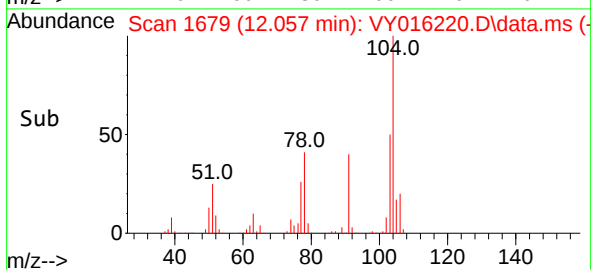
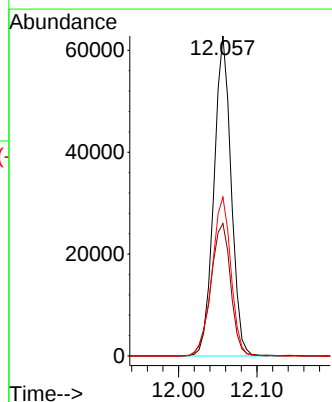
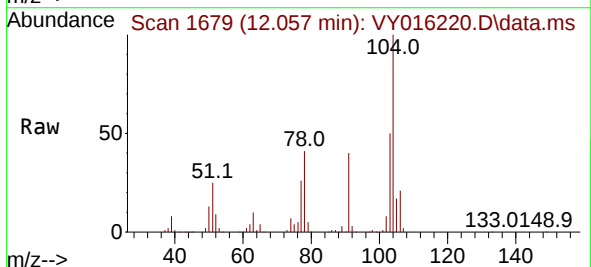
Manual Integrations
APPROVED

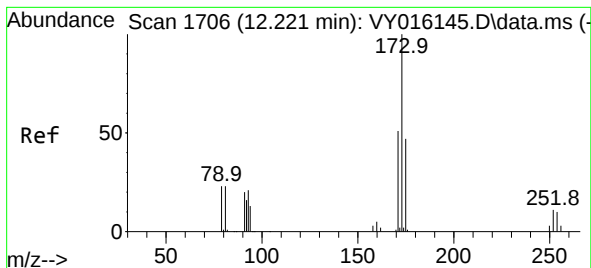
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#70
Styrene
Concen: 19.412 ug/l
RT: 12.057 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

Tgt Ion:104 Resp: 96048
Ion Ratio Lower Upper
104 100
78 47.5 41.5 62.3
103 54.5 44.6 67.0





#71

Bromoform

Concen: 20.703 ug/l

RT: 12.221 min Scan# 1706

Delta R.T. 0.000 min

Lab File: VY016220.D

Acq: 03 Nov 2023 19:10

Instrument :

MSVOA_Y

ClientSampleId :

VY1103SBSD02

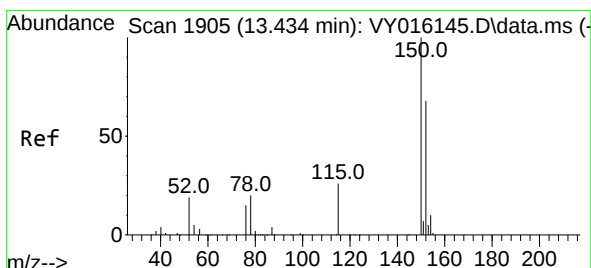
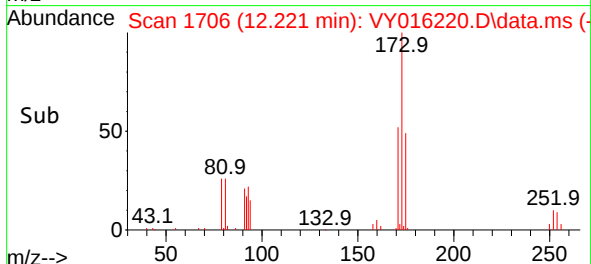
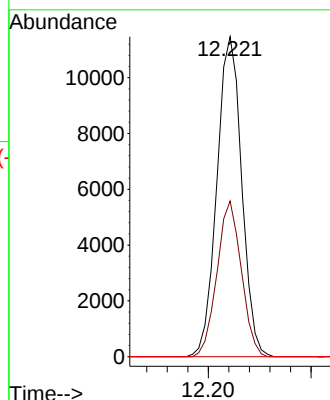
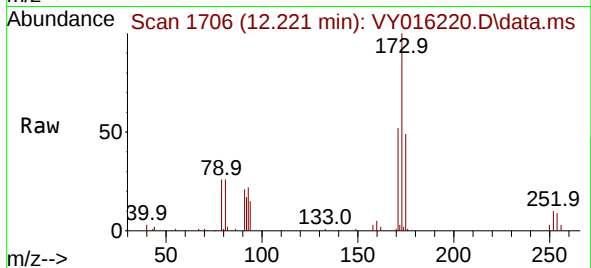
Tgt Ion:	173	Resp:	1918
Ion Ratio	Lower	Upper	
173	100		
175	47.6	24.6	73.8
254	0.0	0.2	0.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

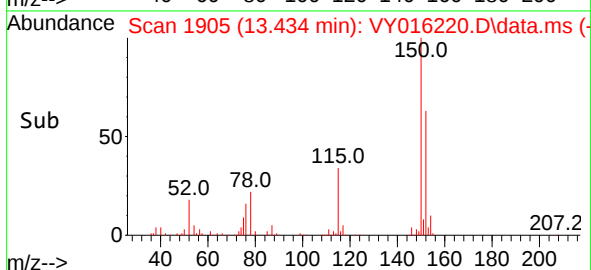
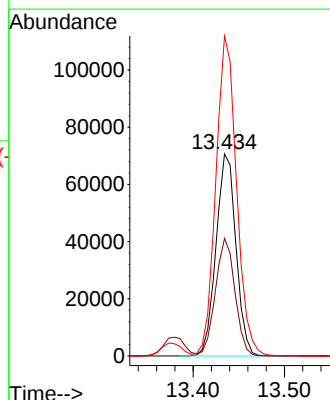
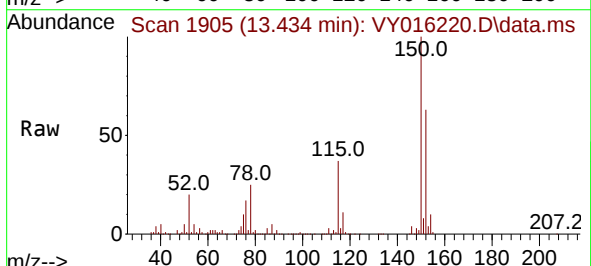
RT: 13.434 min Scan# 1905

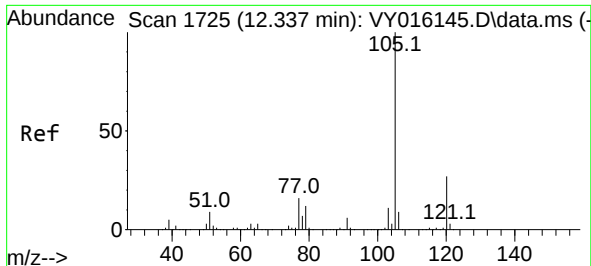
Delta R.T. 0.000 min

Lab File: VY016220.D

Acq: 03 Nov 2023 19:10

Tgt Ion:	152	Resp:	107127
Ion Ratio	Lower	Upper	
152	100		
115	56.9	28.8	86.5
150	164.8	0.0	348.8





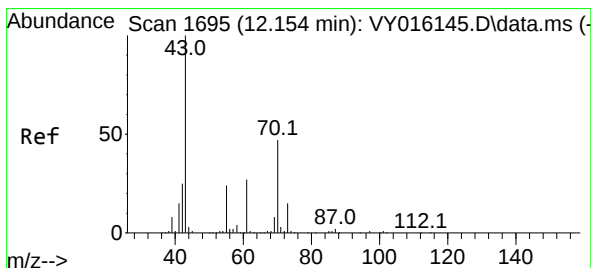
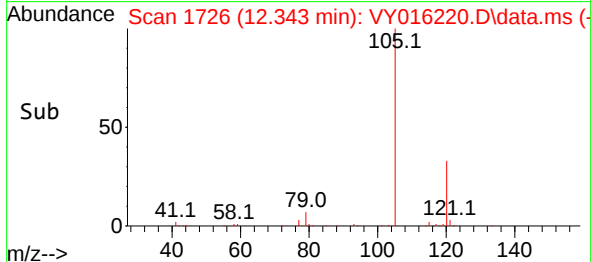
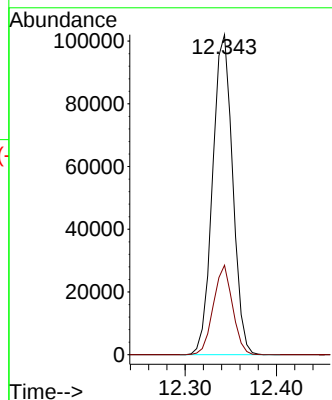
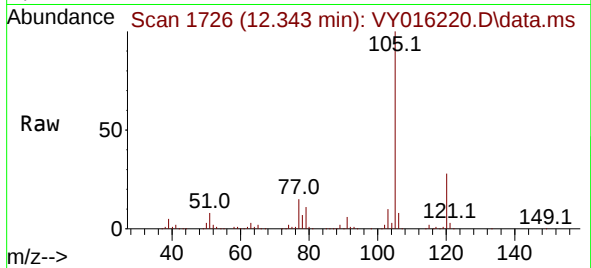
#73
Isopropylbenzene
Concen: 19.377 ug/l
RT: 12.343 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBSD02

Tgt Ion:105 Resp: 15570
Ion Ratio Lower Upper
105 100
120 26.7 13.3 39.9

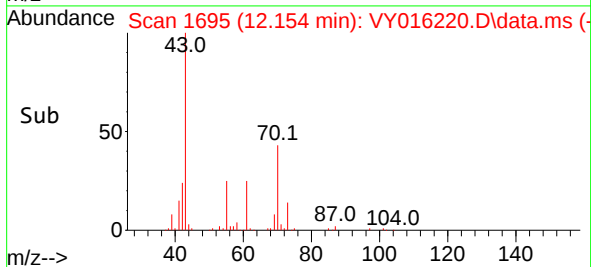
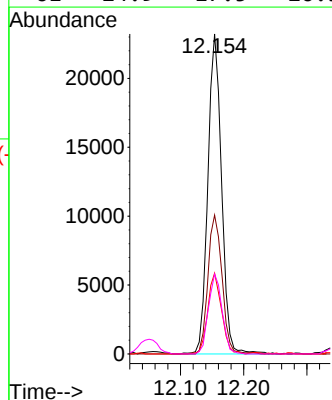
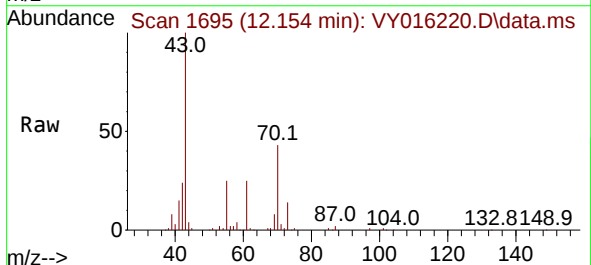
Manual Integrations
APPROVED

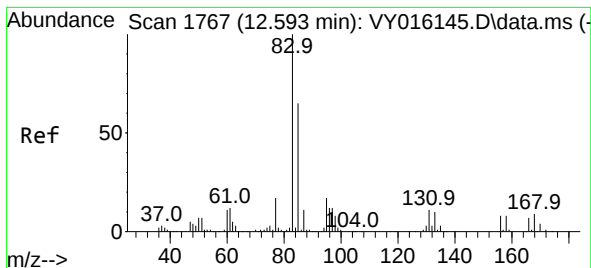
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#74
N-ethyl acetate
Concen: 20.085 ug/l
RT: 12.154 min Scan# 1695
Delta R.T. 0.000 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

Tgt Ion: 43 Resp: 35073
Ion Ratio Lower Upper
43 100
70 44.7 29.7 44.5#
55 25.4 18.3 27.5
61 24.9 17.5 26.3





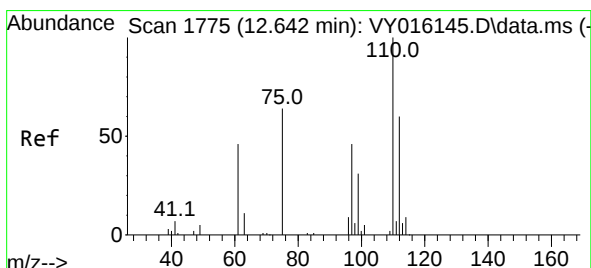
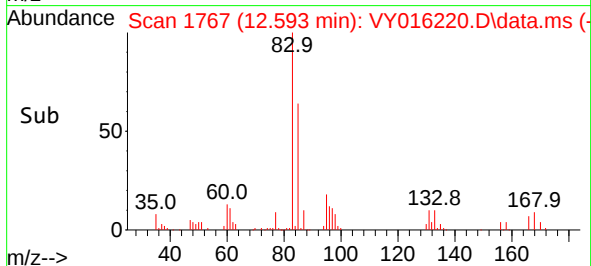
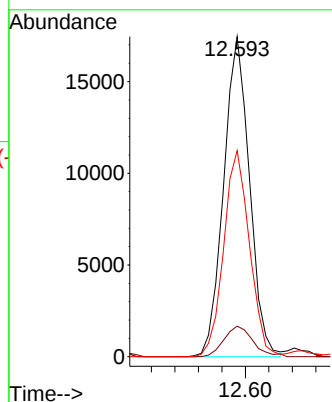
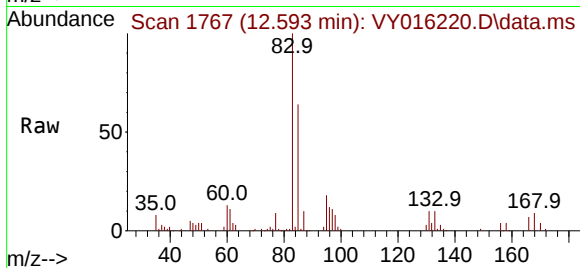
#75
1,1,2,2-Tetrachloroethane
Concen: 20.851 ug/l
RT: 12.593 min Scan# 1767
Delta R.T. 0.000 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBSD02

Tgt Ion: 83 Resp: 26662
Ion Ratio Lower Upper
83 100
131 10.6 5.4 16.2
85 64.1 31.8 95.4

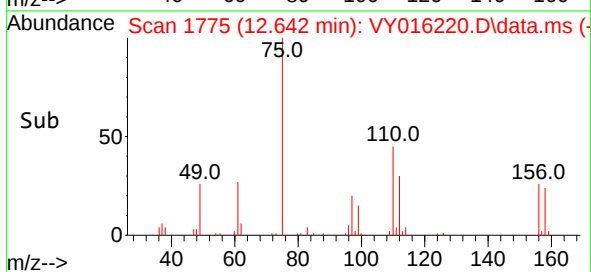
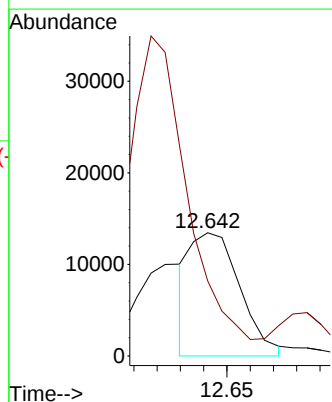
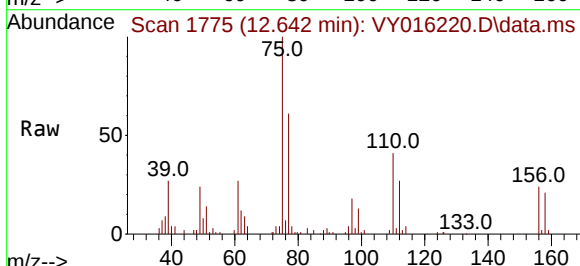
Manual Integrations
APPROVED

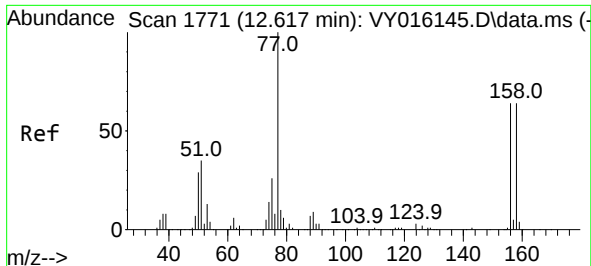
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#76
1,2,3-Trichloropropane
Concen: 19.873 ug/l m
RT: 12.642 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

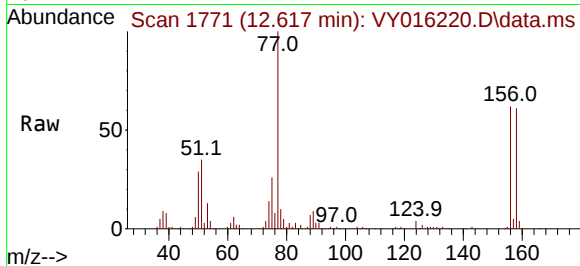
Tgt Ion: 75 Resp: 20048
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 19.628 ug/l
RT: 12.617 min Scan# 1771
Delta R.T. 0.000 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

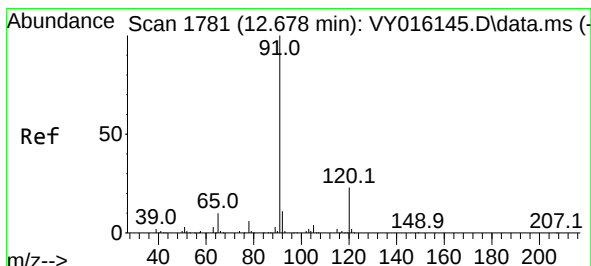
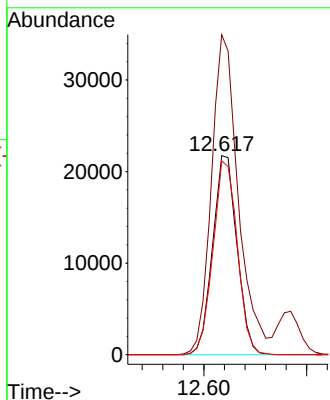
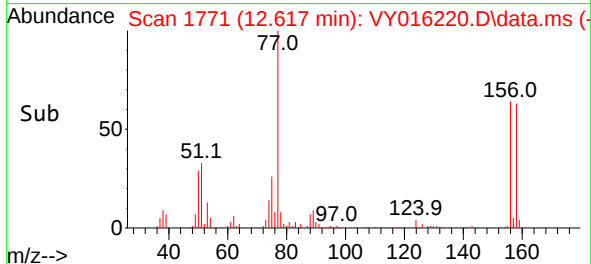
Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBSD02



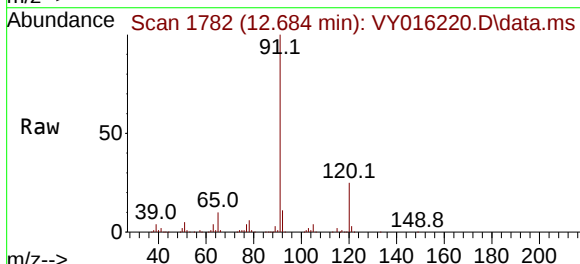
Tgt Ion:156 Resp: 35714
Ion Ratio Lower Upper
156 100
77 176.8 92.8 278.6
158 97.3 48.4 145.3

Manual Integrations
APPROVED

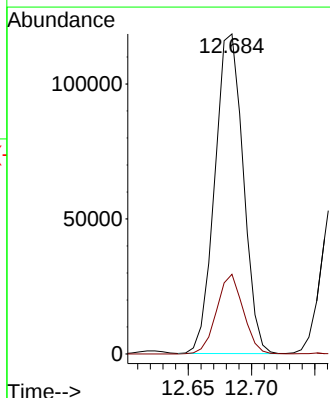
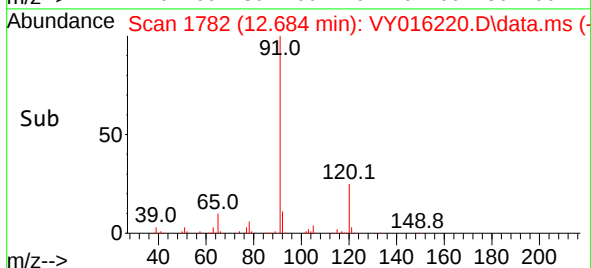
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

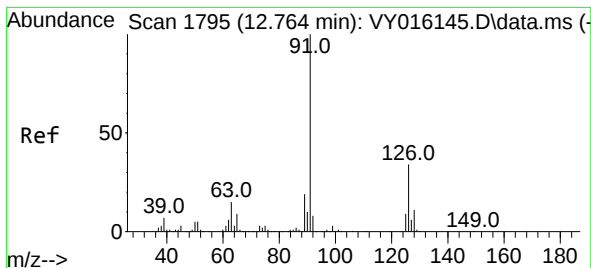


#78
n-propylbenzene
Concen: 19.468 ug/l
RT: 12.684 min Scan# 1782
Delta R.T. 0.006 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10



Tgt Ion: 91 Resp: 184953
Ion Ratio Lower Upper
91 100
120 23.3 11.5 34.4





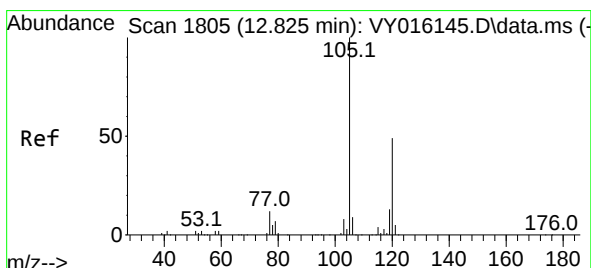
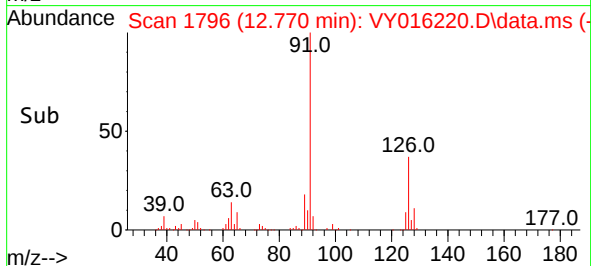
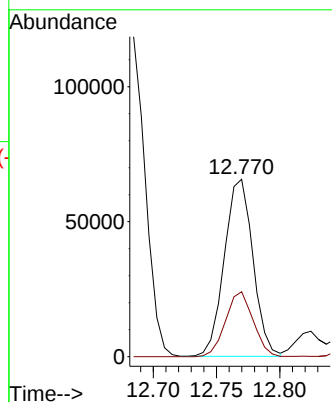
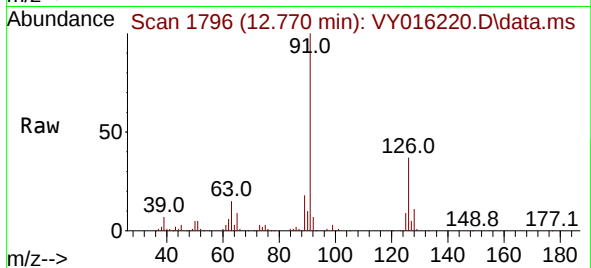
#79
2-Chlorotoluene
Concen: 19.531 ug/l
RT: 12.770 min Scan# 1795
Delta R.T. 0.006 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBSD02

Tgt Ion: 91 Resp: 103490
Ion Ratio Lower Upper
91 100
126 35.4 17.3 51.7

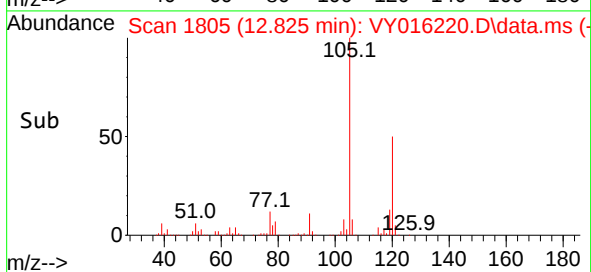
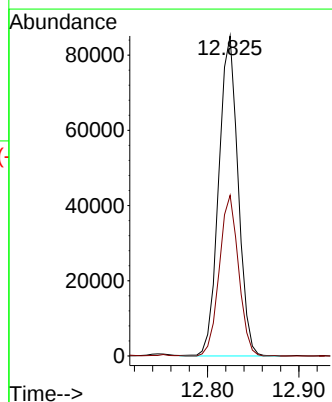
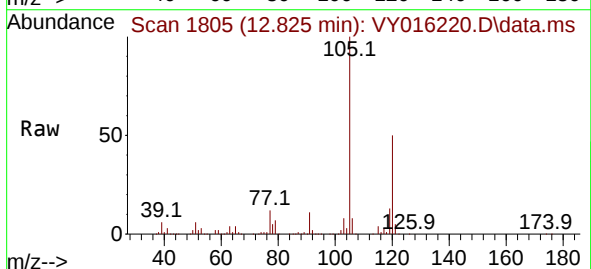
Manual Integrations
APPROVED

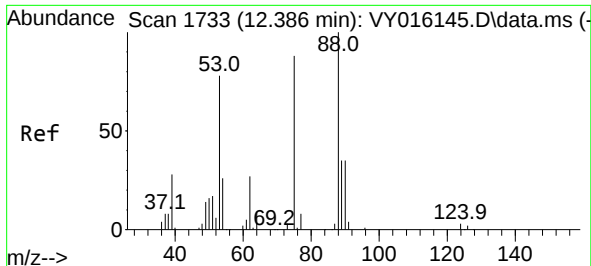
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.261 ug/l
RT: 12.825 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

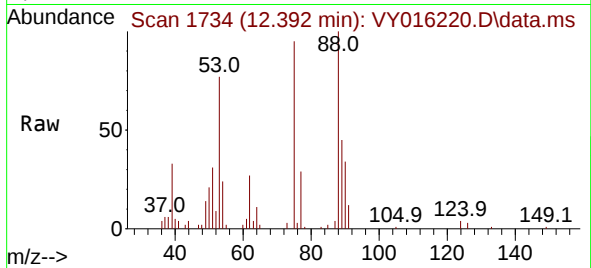
Tgt Ion:105 Resp: 125397
Ion Ratio Lower Upper
105 100
120 49.8 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 20.338 ug/l
RT: 12.392 min Scan# 1733
Delta R.T. 0.006 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

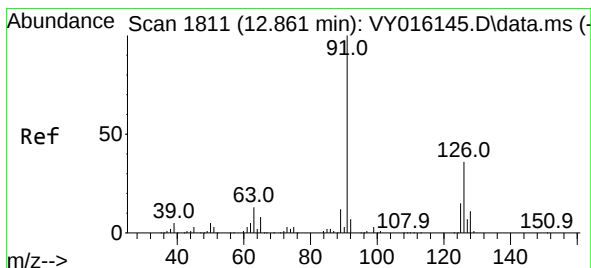
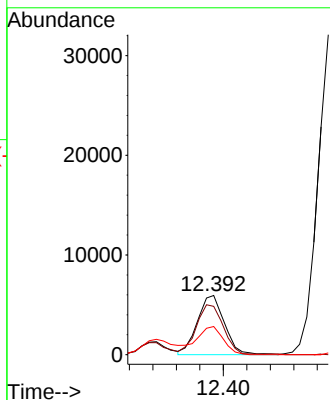
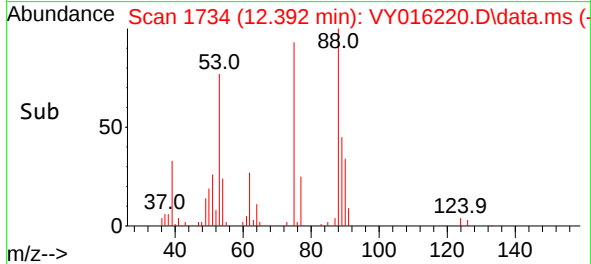
Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBS02



Tgt Ion: 75 Resp: 946
Ion Ratio Lower Upper
75 100
53 83.1 77.8 116.8
89 48.4 37.4 56.0

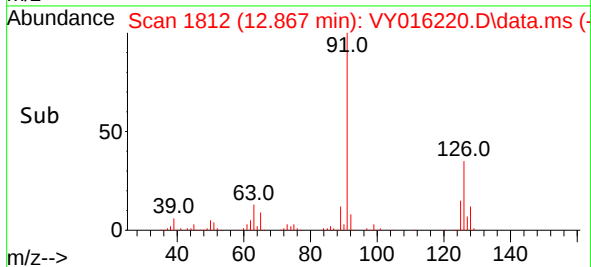
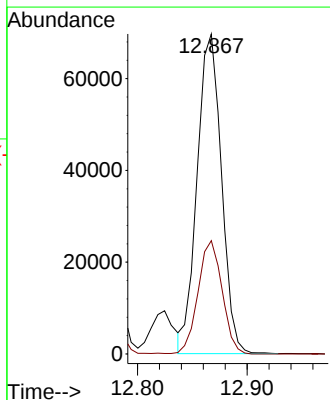
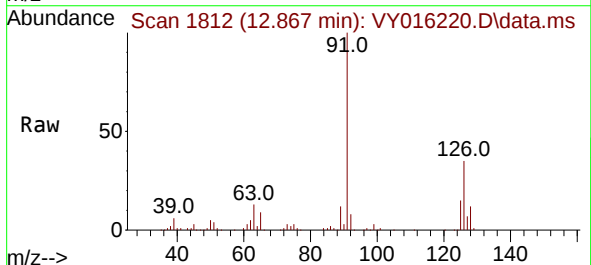
Manual Integrations
APPROVED

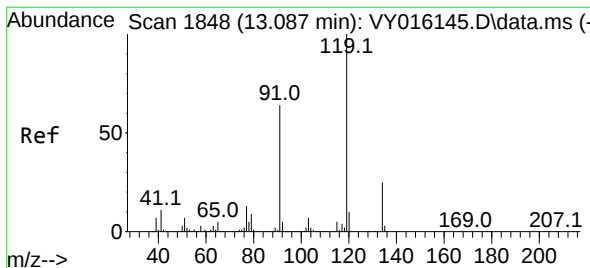
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#82
4-Chlorotoluene
Concen: 19.746 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

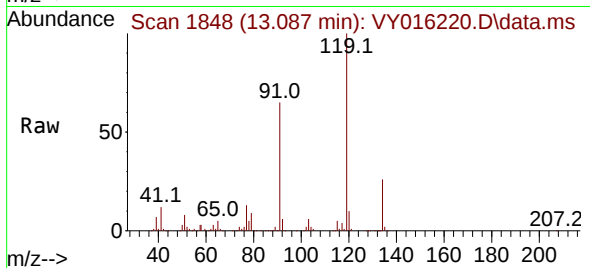
Tgt Ion: 91 Resp: 107440
Ion Ratio Lower Upper
91 100
126 35.1 17.2 51.6





#83
 tert-Butylbenzene
 Concen: 19.496 ug/l
 RT: 13.087 min Scan# 1848
 Delta R.T. 0.000 min
 Lab File: VY016220.D
 Acq: 03 Nov 2023 19:10

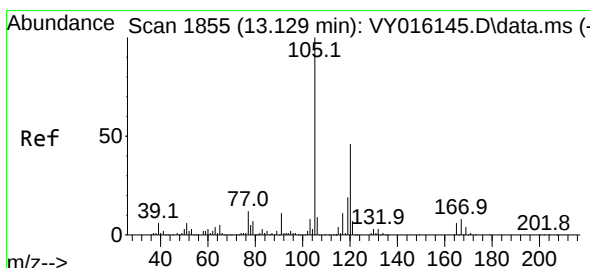
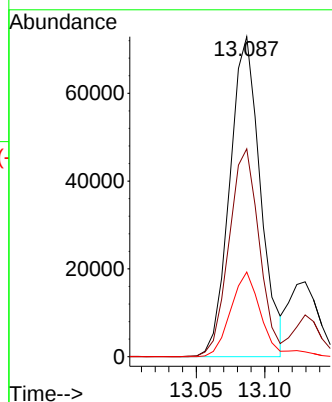
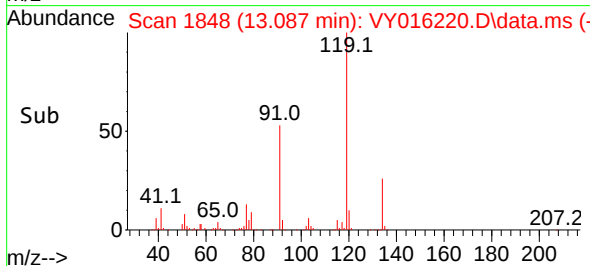
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1103SBSD02



Tgt Ion:119 Resp: 113572
 Ion Ratio Lower Upper
 119 100
 91 64.2 32.9 98.6
 134 26.6 13.0 38.9

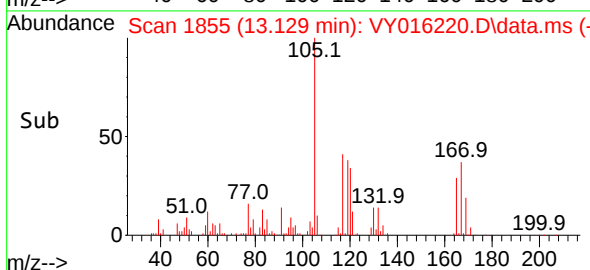
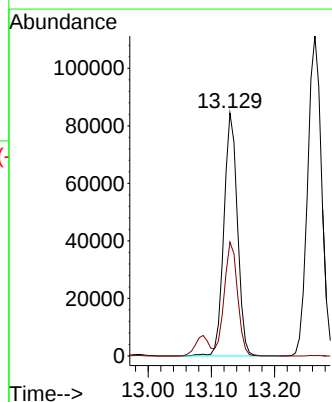
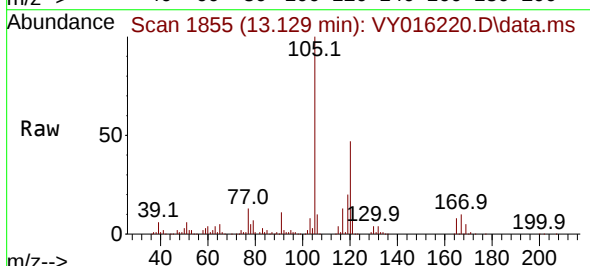
Manual Integrations
 APPROVED

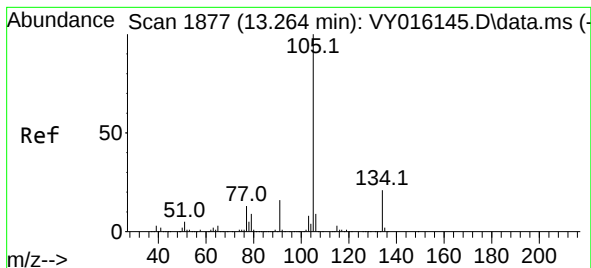
Reviewed By :John Carlone 11/06/2023
 Supervised By :Mahesh Dadoda 11/06/2023



#84
 1,2,4-Trimethylbenzene
 Concen: 19.375 ug/l
 RT: 13.129 min Scan# 1855
 Delta R.T. 0.000 min
 Lab File: VY016220.D
 Acq: 03 Nov 2023 19:10

Tgt Ion:105 Resp: 124813
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.2 66.6





#85

sec-Butylbenzene

Concen: 19.783 ug/l

RT: 13.264 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VY016220.D

Acq: 03 Nov 2023 19:10

Instrument :

MSVOA_Y

ClientSampleId :

VY1103SBSD02

Tgt Ion:105 Resp: 169140

Ion Ratio Lower Upper

105 100

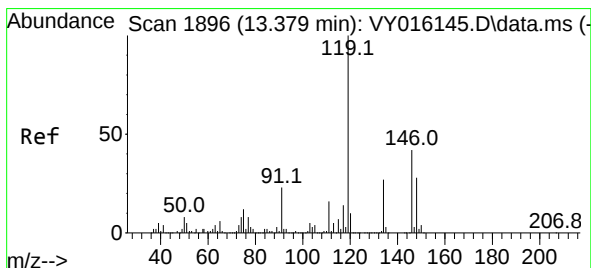
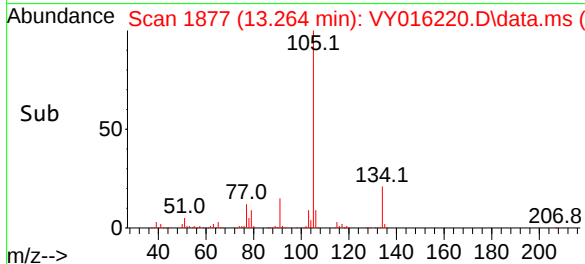
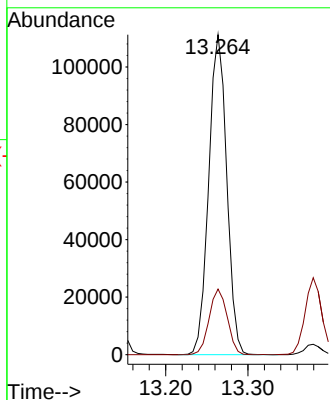
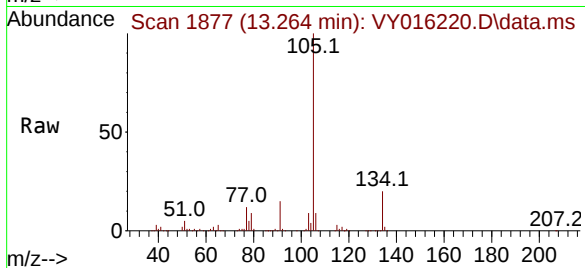
134 20.6 10.2 30.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#86

p-Isopropyltoluene

Concen: 19.718 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.000 min

Lab File: VY016220.D

Acq: 03 Nov 2023 19:10

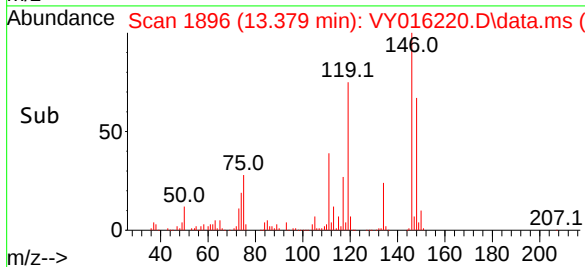
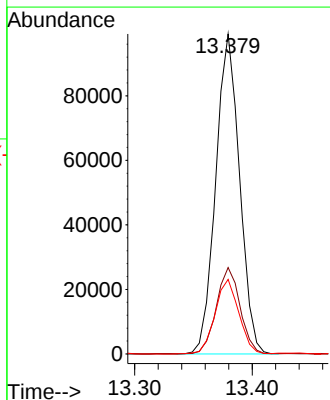
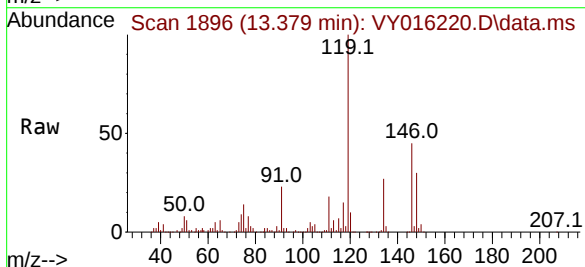
Tgt Ion:119 Resp: 139723

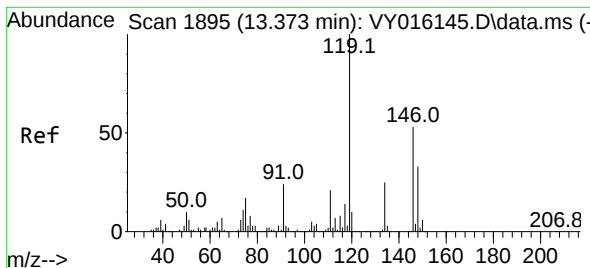
Ion Ratio Lower Upper

119 100

134 27.1 13.3 39.8

91 23.3 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 19.776 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY016220.D

Acq: 03 Nov 2023 19:10

Instrument :

MSVOA_Y

ClientSampleId :

VY1103SBSD02

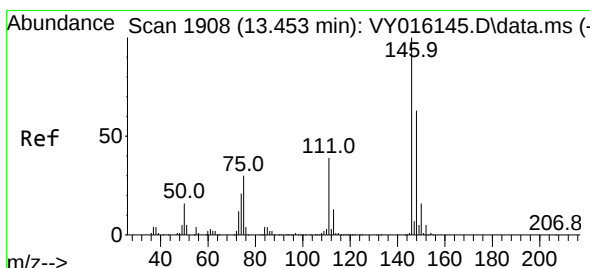
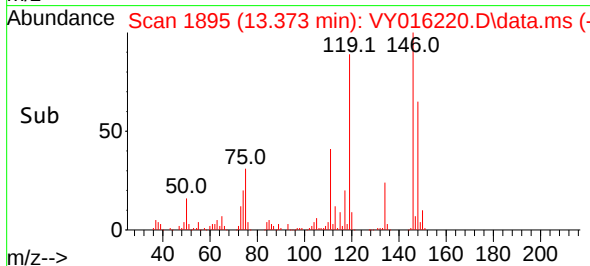
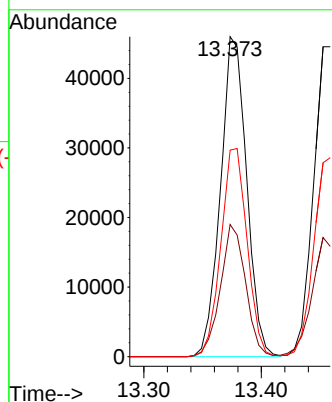
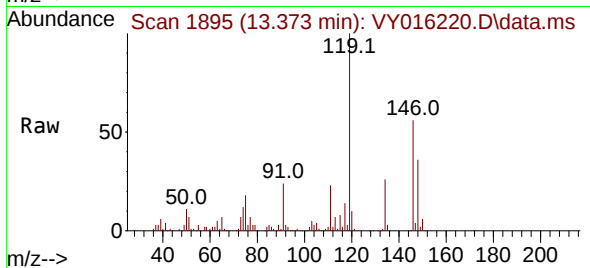
Tgt Ion:	146	Resp:	7116
Ion Ratio	Lower	Upper	
146	100		
111	39.8	19.4	58.2
148	65.3	31.9	95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#88

1,4-Dichlorobenzene

Concen: 19.823 ug/l

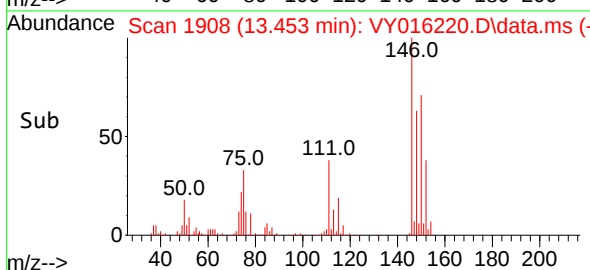
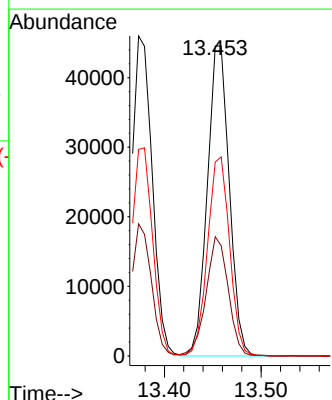
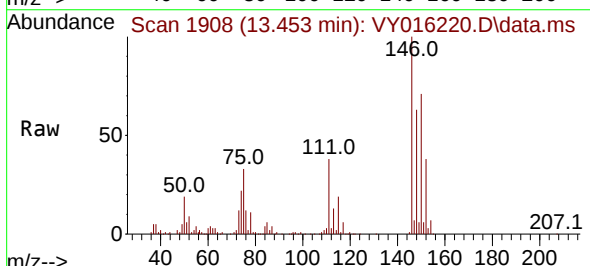
RT: 13.453 min Scan# 1908

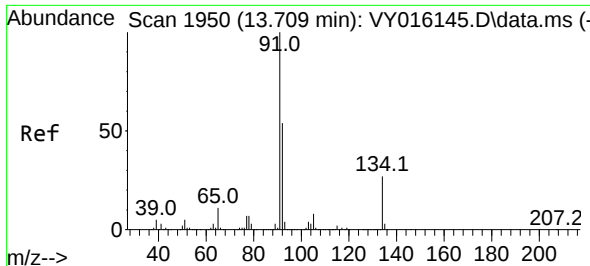
Delta R.T. 0.000 min

Lab File: VY016220.D

Acq: 03 Nov 2023 19:10

Tgt Ion:	146	Resp:	70506
Ion Ratio	Lower	Upper	
146	100		
111	38.8	18.9	56.7
148	64.5	32.1	96.5





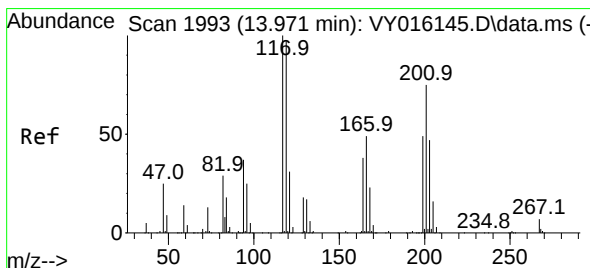
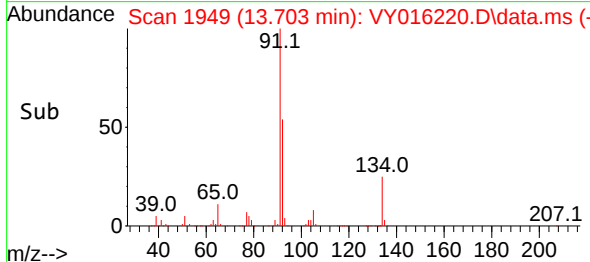
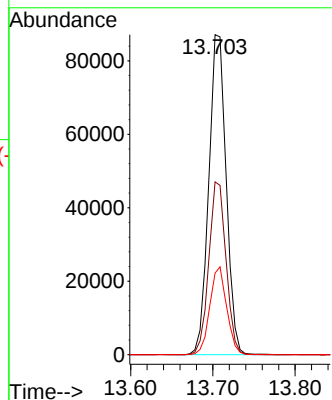
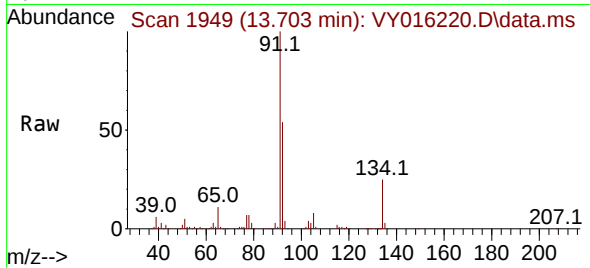
#89
n-Butylbenzene
Concen: 19.685 ug/l
RT: 13.703 min Scan# 1949
Delta R.T. -0.006 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBSD02

Tgt Ion: 91 Resp: 12817
Ion Ratio Lower Upper
91 100
92 53.4 25.4 76.0
134 26.6 12.6 37.6

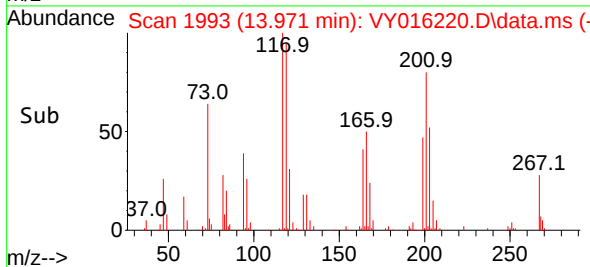
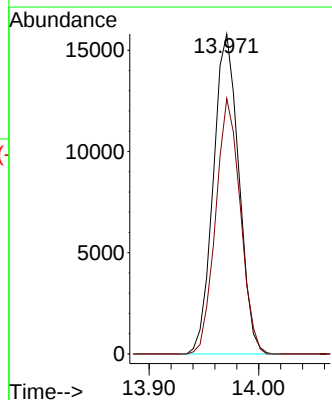
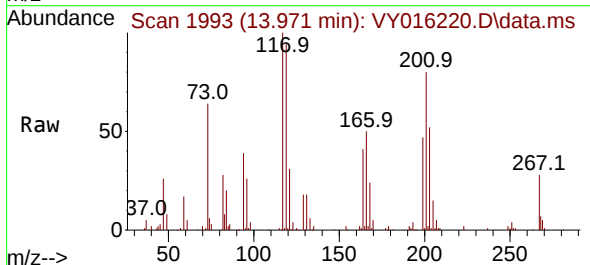
Manual Integrations
APPROVED

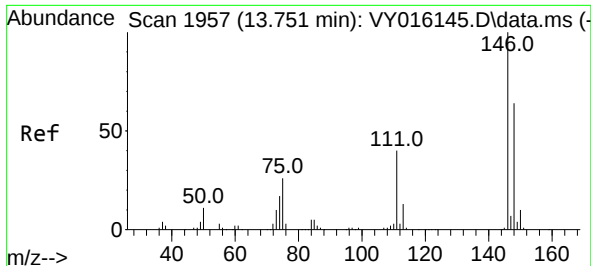
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#90
Hexachloroethane
Concen: 20.919 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

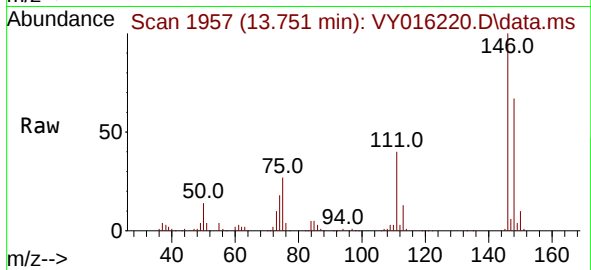
Tgt Ion:117 Resp: 25545
Ion Ratio Lower Upper
117 100
201 77.2 41.6 124.8





#91
1,2-Dichlorobenzene
Concen: 20.099 ug/l
RT: 13.751 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

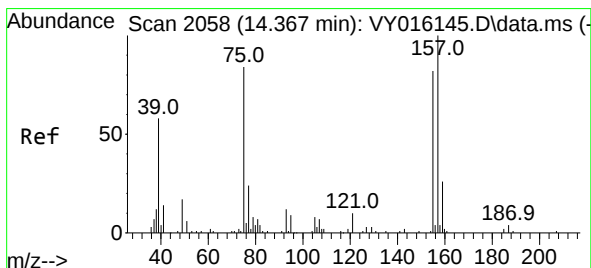
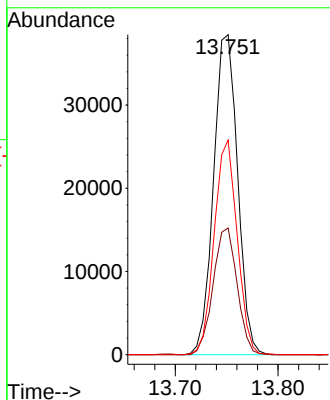
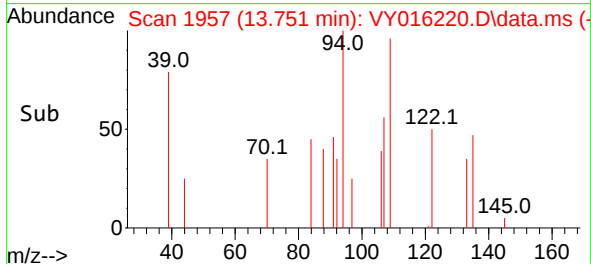
Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBSD02



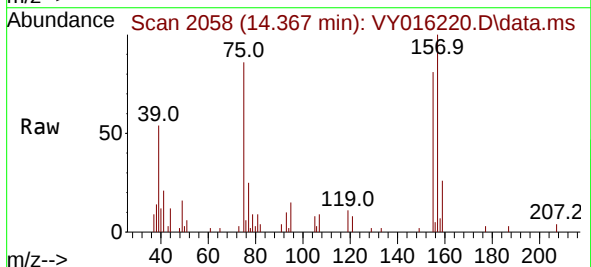
Tgt Ion:146 Resp: 6249
Ion Ratio Lower Upper
146 100
111 39.5 19.7 59.0
148 64.1 32.0 96.2

Manual Integrations
APPROVED

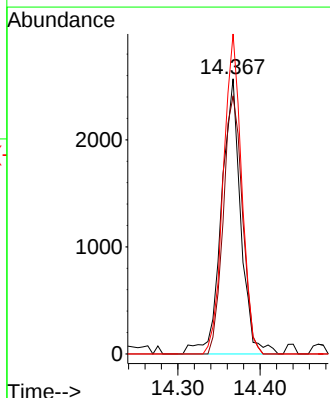
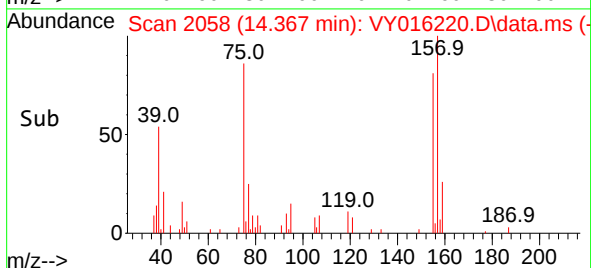
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

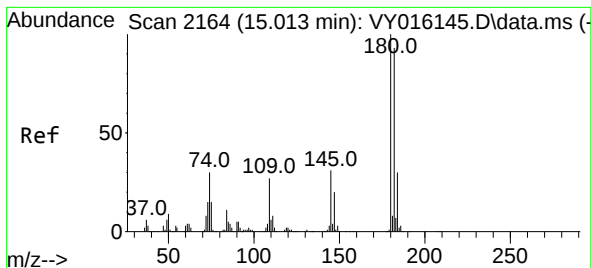


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.353 ug/l
RT: 14.367 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10



Tgt Ion: 75 Resp: 4200
Ion Ratio Lower Upper
75 100
155 92.6 41.5 124.6
157 109.8 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 19.020 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY016220.D

Acq: 03 Nov 2023 19:10

Instrument :

MSVOA_Y

ClientSampleId :

VY1103SBS02

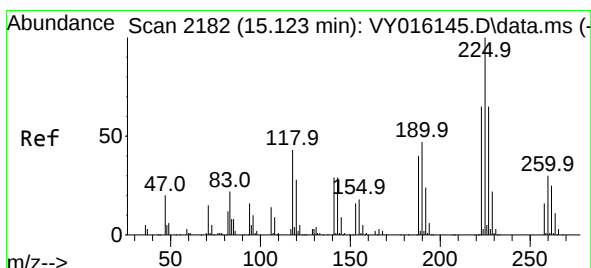
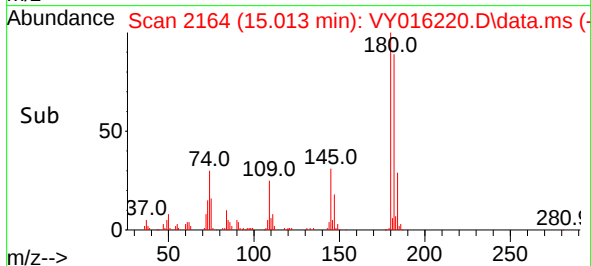
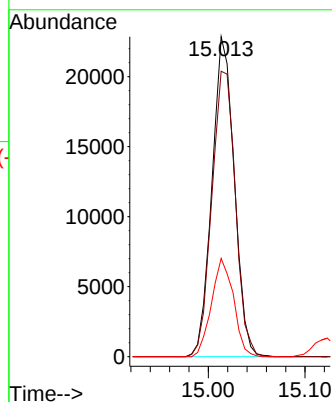
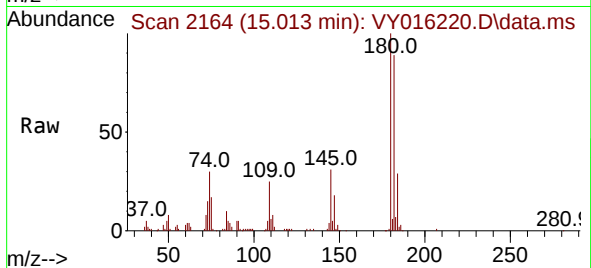
Tgt Ion:180	Resp:	36500
Ion Ratio	Lower	Upper
180	100	
182	94.3	47.0 141.2
145	30.3	14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

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#94

Hexachlorobutadiene

Concen: 19.711 ug/l

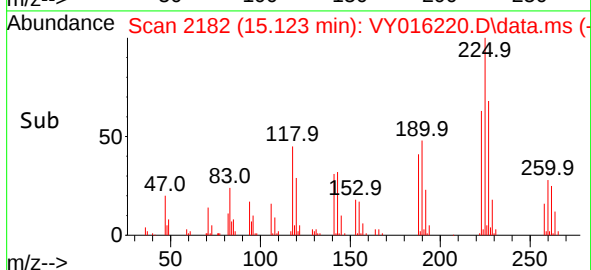
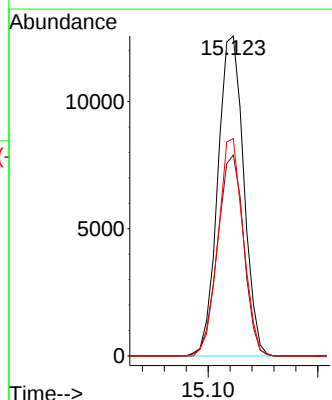
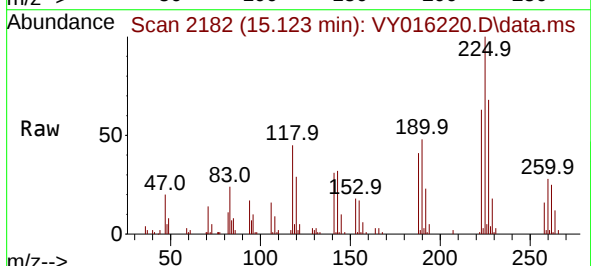
RT: 15.123 min Scan# 2182

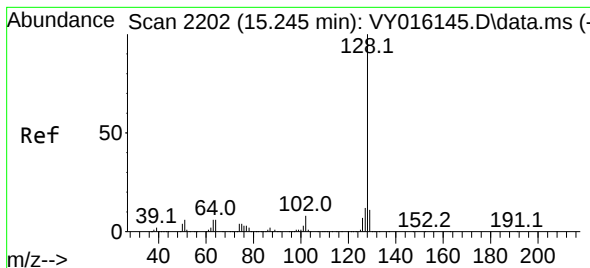
Delta R.T. 0.000 min

Lab File: VY016220.D

Acq: 03 Nov 2023 19:10

Tgt Ion:225	Resp:	20671
Ion Ratio	Lower	Upper
225	100	
223	63.2	31.9 95.9
227	65.9	33.0 98.9





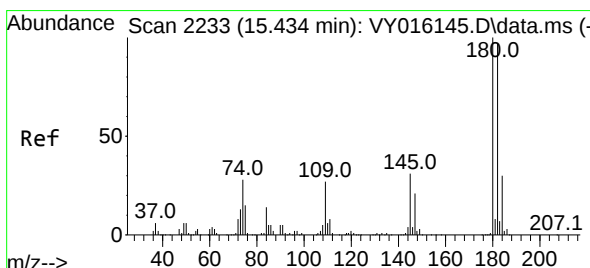
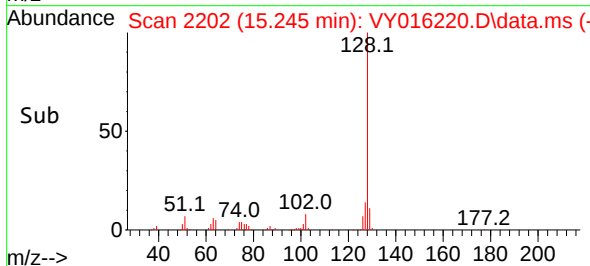
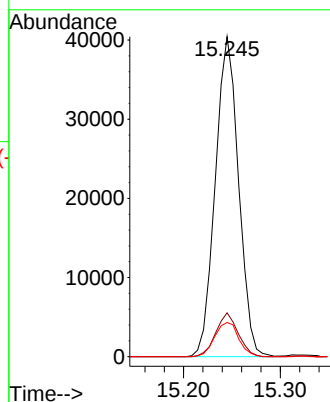
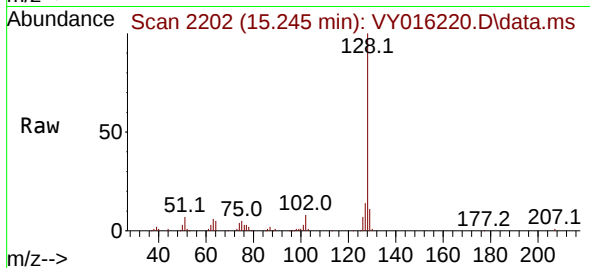
#95
Naphthalene
Concen: 18.112 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. 0.000 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBS02

Tgt Ion:128 Resp: 67524
Ion Ratio Lower Upper
128 100
127 13.1 10.8 16.2
129 11.1 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#96
1,2,3-Trichlorobenzene
Concen: 18.740 ug/l
RT: 15.434 min Scan# 2233
Delta R.T. 0.000 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

Tgt Ion:180 Resp: 30721
Ion Ratio Lower Upper
180 100
182 94.3 47.3 141.8
145 32.3 15.4 46.2

