

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112723\
 Data File : VY016499.D
 Acq On : 27 Nov 2023 10:06
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 28 00:14:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone
 11/28/2023

Supervised By :Mahesh
 Dadoda
 11/28/2023

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	144529	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	222431	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	196547	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	92098	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.155	65	60649	45.914	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.820%
35) Dibromofluoromethane	7.728	113	68890	54.521	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.040%
50) Toluene-d8	10.191	98	249602	48.713	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.420%
62) 4-Bromofluorobenzene	12.496	95	85671	51.479	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.960%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.912	85	69082	48.815	ug/l	97
3) Chloromethane	2.119	50	74963	45.229	ug/l	97
4) Vinyl Chloride	2.260	62	85688	48.080	ug/l	98
5) Bromomethane	2.662	94	57377	48.988	ug/l	100
6) Chloroethane	2.808	64	54199	47.659	ug/l	95
7) Trichlorofluoromethane	3.137	101	137181	52.906	ug/l	97
8) Diethyl Ether	3.540	74	40594	52.383	ug/l	75
9) 1,1,2-Trichlorotrifluo...	3.912	101	78330	50.157	ug/l	98
10) Methyl Iodide	4.107	142	95821	56.811	ug/l	98
11) Tert butyl alcohol	4.972	59	24045	232.454	ug/l #	82
12) 1,1-Dichloroethene	3.887	96	76304	52.245	ug/l	84
13) Acrolein	3.741	56	31860	255.356	ug/l	98
14) Allyl chloride	4.497	41	90106	43.475	ug/l #	88
15) Acrylonitrile	5.180	53	76463	248.629	ug/l	96
16) Acetone	3.960	43	68529	313.634	ug/l #	85
17) Carbon Disulfide	4.210	76	220219	49.974	ug/l	99
18) Methyl Acetate	4.497	43	56220	48.422	ug/l #	82
19) Methyl tert-butyl Ether	5.241	73	182692	51.682	ug/l	99
20) Methylene Chloride	4.735	84	83279	54.248	ug/l #	80
21) trans-1,2-Dichloroethene	5.241	96	86655	51.531	ug/l	86
22) Diisopropyl ether	6.137	45	198411	44.421	ug/l #	85
23) Vinyl Acetate	6.076	43	478354	221.021	ug/l #	89
24) 1,1-Dichloroethane	6.039	63	132444	48.064	ug/l	96
25) 2-Butanone	7.003	43	95106	248.505	ug/l #	84
26) 2,2-Dichloropropane	6.996	77	127557	50.861	ug/l	95
27) cis-1,2-Dichloroethene	7.003	96	95664	52.787	ug/l	86
28) Bromochloromethane	7.350	49	46525	45.620	ug/l #	69
29) Tetrahydrofuran	7.362	42	57580	227.624	ug/l #	78
30) Chloroform	7.521	83	148588	51.805	ug/l	98
31) Cyclohexane	7.801	56	110889	42.638	ug/l #	82
32) 1,1,1-Trichloroethane	7.716	97	140010	53.252	ug/l	94
36) 1,1-Dichloropropene	7.935	75	111109	50.641	ug/l	96
37) Ethyl Acetate	7.094	43	40356	45.523	ug/l #	89
38) Carbon Tetrachloride	7.917	117	130242	57.196	ug/l	97
39) Methylcyclohexane	9.197	83	140069	51.234	ug/l	87
40) Benzene	8.173	78	326994	53.047	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	22725	50.841	ug/l	89
42) 1,2-Dichloroethane	8.252	62	85590	53.588	ug/l	91
43) Isopropyl Acetate	8.283	43	79146	46.187	ug/l #	84
44) Trichloroethene	8.953	130	99516	56.173	ug/l	95
45) 1,2-Dichloropropane	9.228	63	74913	50.603	ug/l	96
46) Dibromomethane	9.319	93	44451	55.409	ug/l	97
47) Bromodichloromethane	9.508	83	112541	54.567	ug/l	97
48) Methyl methacrylate	9.301	41	45207	47.735	ug/l #	78
49) 1,4-Dioxane	9.313	88	9417	1105.692	ug/l #	70
51) 4-Methyl-2-Pentanone	10.081	43	204549	236.058	ug/l #	84
52) Toluene	10.258	92	210904	54.126	ug/l	93
53) t-1,3-Dichloropropene	10.478	75	109024	54.529	ug/l	98
54) cis-1,3-Dichloropropene	9.941	75	128940	53.994	ug/l #	84
55) 1,1,2-Trichloroethane	10.654	97	62991	56.969	ug/l	95
56) Ethyl methacrylate	10.520	69	56941	54.553	ug/l #	77
57) 1,3-Dichloropropane	10.801	76	104126	55.246	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	179057	252.997	ug/l #	88
59) 2-Hexanone	10.843	43	152289	236.276	ug/l	82
60) Dibromochloromethane	10.996	129	82773	59.856	ug/l	98
61) 1,2-Dibromoethane	11.099	107	60320	57.261	ug/l	99
64) Tetrachloroethene	10.734	164	100879	57.162	ug/l	97
65) Chlorobenzene	11.526	112	230103	54.796	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	88407	57.080	ug/l	99
67) Ethyl Benzene	11.605	91	400255	53.036	ug/l	96
68) m/p-Xylenes	11.715	106	311703	108.895	ug/l	93
69) o-Xylene	12.044	106	147510	55.504	ug/l	93
70) Styrene	12.057	104	213938	56.218	ug/l	96
71) Bromoform	12.221	173	49315	61.362	ug/l #	99
73) Isopropylbenzene	12.343	105	397985	53.364	ug/l	99
74) N-amyl acetate	12.154	43	65369	43.637	ug/l #	81
75) 1,1,2,2-Tetrachloroethane	12.593	83	63475	53.041	ug/l	100
76) 1,2,3-Trichloropropane	12.642	75	47948m	54.271	ug/l	
77) Bromobenzene	12.624	156	93770	55.631	ug/l	89
78) n-propylbenzene	12.684	91	453714	51.478	ug/l	97
79) 2-Chlorotoluene	12.770	91	255175	52.535	ug/l	97
80) 1,3,5-Trimethylbenzene	12.825	105	321765	53.512	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.392	75	21902	53.810	ug/l #	86
82) 4-Chlorotoluene	12.867	91	261348	52.072	ug/l	97
83) tert-Butylbenzene	13.087	119	282816	53.399	ug/l	97
84) 1,2,4-Trimethylbenzene	13.130	105	319596	53.980	ug/l	98
85) sec-Butylbenzene	13.264	105	394209	52.100	ug/l	98
86) p-Isopropyltoluene	13.379	119	346724	53.217	ug/l	98
87) 1,3-Dichlorobenzene	13.379	146	175481	54.113	ug/l	100
88) 1,4-Dichlorobenzene	13.459	146	173058	54.606	ug/l	99
89) n-Butylbenzene	13.709	91	307675	51.135	ug/l	95
90) Hexachloroethane	13.971	117	67702	53.868	ug/l	96
91) 1,2-Dichlorobenzene	13.751	146	152868	55.012	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.367	75	9583	50.331	ug/l	81
93) 1,2,4-Trichlorobenzene	15.019	180	87732	54.089	ug/l	99
94) Hexachlorobutadiene	15.123	225	53353	57.415	ug/l	97
95) Naphthalene	15.251	128	156353	53.897	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	71348	53.182	ug/l	99

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Manual Integrations
APPROVED

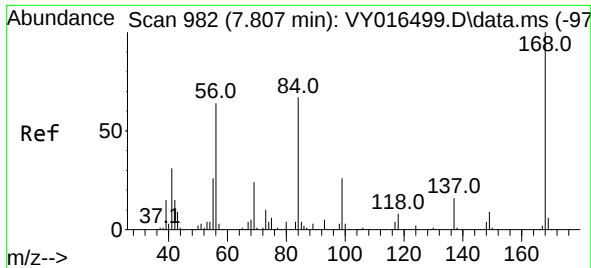
Reviewed By :John
Carlone
11/28/2023

Supervised By :Mahesh
Dadoda
11/28/2023

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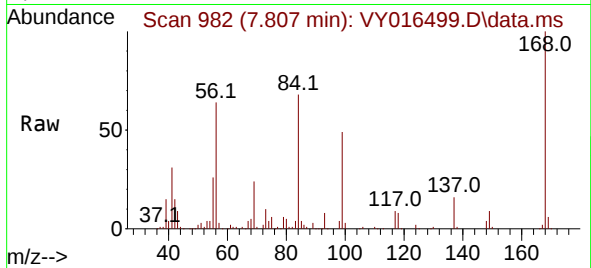
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY016499.D
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VSTDCCC050

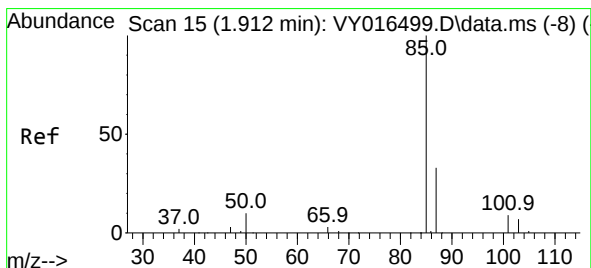
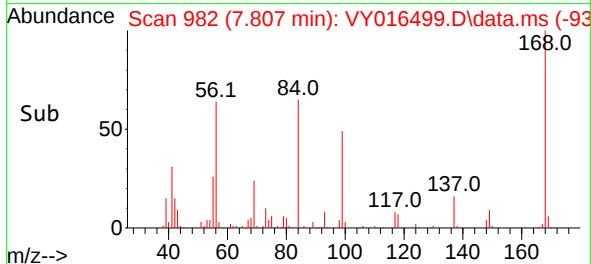
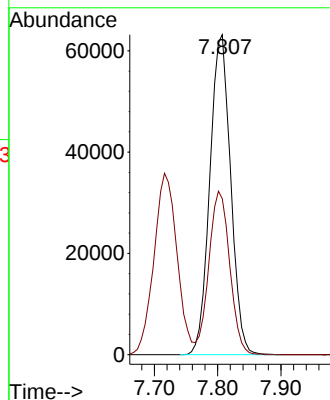


Tgt Ion:168 Resp: 144529
Ion Ratio Lower Upper
168 100
99 48.7 43.4 65.0

Manual Integrations
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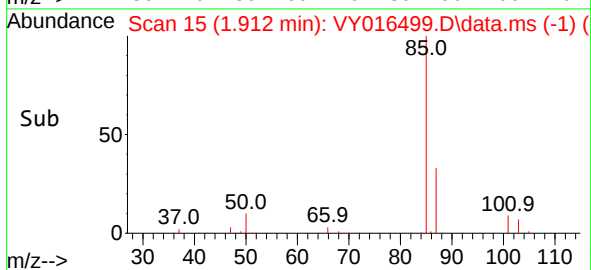
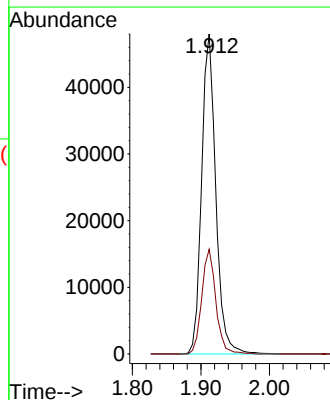
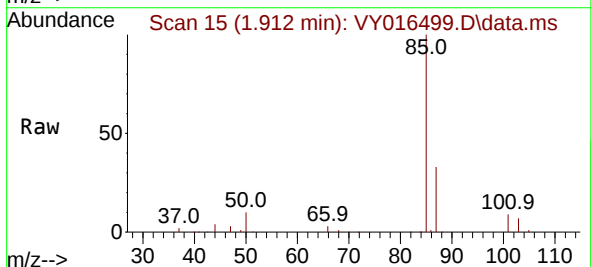
Reviewed By :John
Carlone
11/28/2023

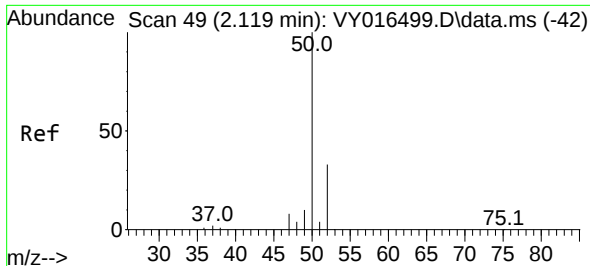
Supervised By :Mahesh
Dadoda
11/28/2023



#2
Dichlorodifluoromethane
Concen: 48.815 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY016499.D
Acq: 27 Nov 2023 10:06

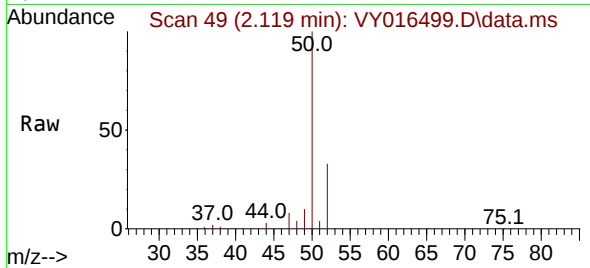
Tgt Ion: 85 Resp: 69082
Ion Ratio Lower Upper
85 100
87 32.7 15.6 46.8





#3
Chloromethane
Concen: 45.229 ug/l
RT: 2.119 min Scan# 49
Delta R.T. -0.000 min
Lab File: VY016499.D
Acq: 27 Nov 2023 10:06

Instrument :
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ClientSampleId :
VSTDCCC050

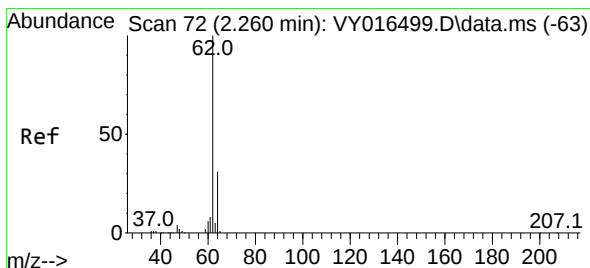
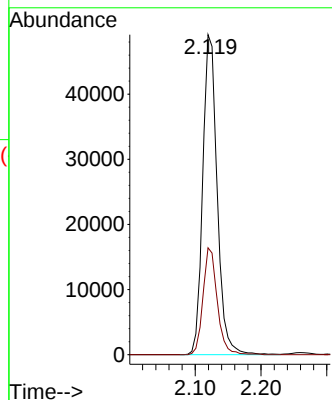


Tgt Ion: 50 Resp: 7496
Ion Ratio Lower Upper
50 100
52 33.4 25.4 38.2

Manual Integrations
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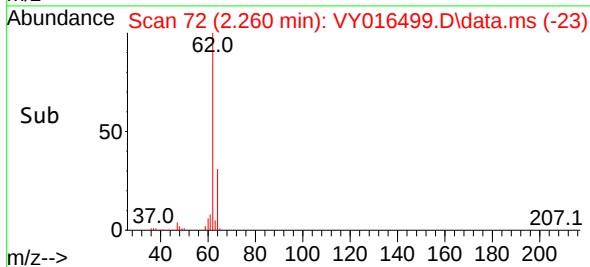
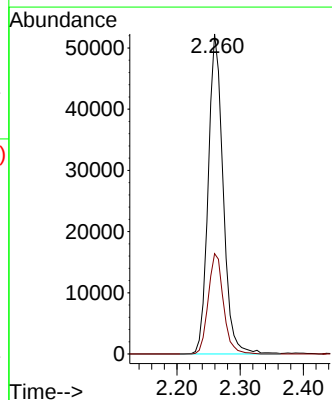
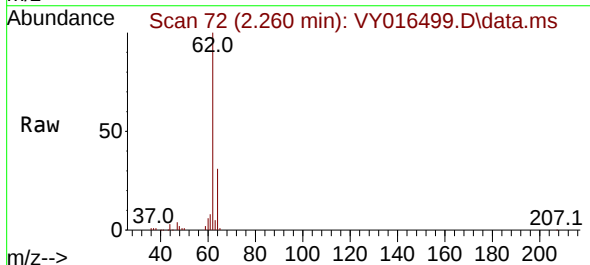
Reviewed By :John
Carlone
11/28/2023

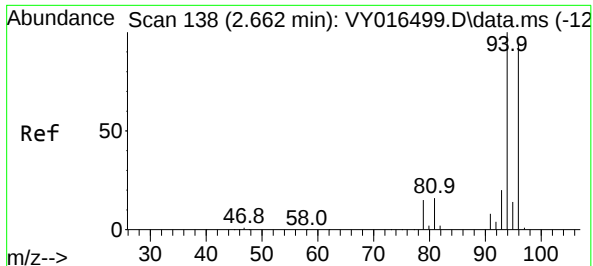
Supervised By :Mahesh
Dadoda
11/28/2023



#4
Vinyl Chloride
Concen: 48.080 ug/l
RT: 2.260 min Scan# 72
Delta R.T. -0.000 min
Lab File: VY016499.D
Acq: 27 Nov 2023 10:06

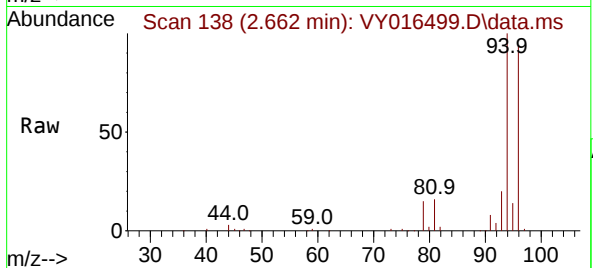
Tgt Ion: 62 Resp: 85688
Ion Ratio Lower Upper
62 100
64 31.3 24.3 36.5





#5
Bromomethane
Concen: 48.988 ug/l
RT: 2.662 min Scan# 138
Delta R.T. -0.000 min
Lab File: VY016499.D
Acq: 27 Nov 2023 10:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

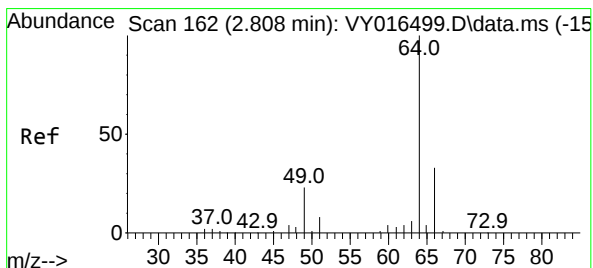
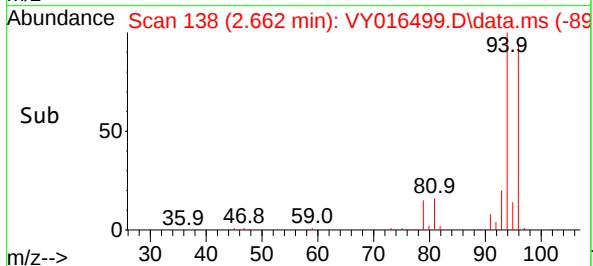
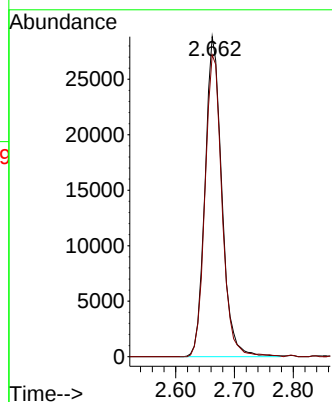


Tgt Ion: 94 Resp: 5737
Ion Ratio Lower Upper
94 100
96 94.3 75.8 113.6

Manual Integrations
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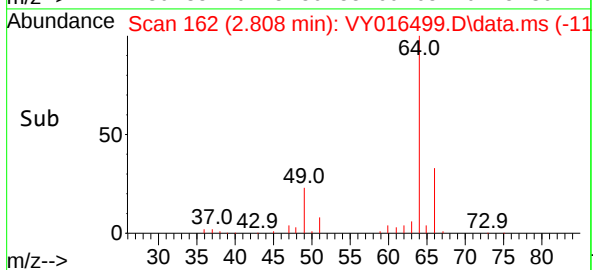
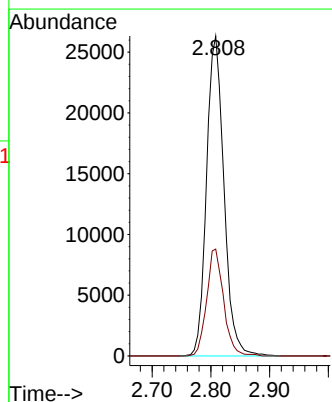
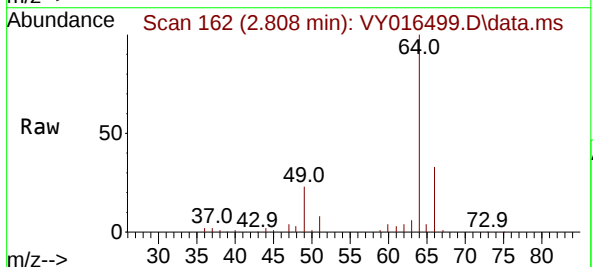
Reviewed By :John
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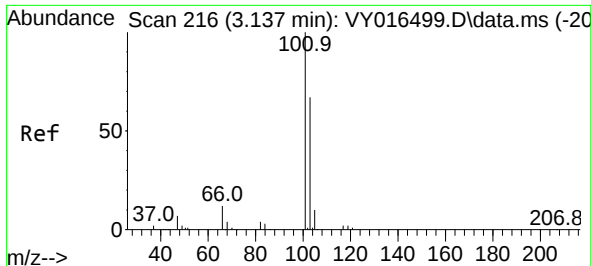
Supervised By :Mahesh
Dadoda
11/28/2023



#6
Chloroethane
Concen: 47.659 ug/l
RT: 2.808 min Scan# 162
Delta R.T. 0.006 min
Lab File: VY016499.D
Acq: 27 Nov 2023 10:06

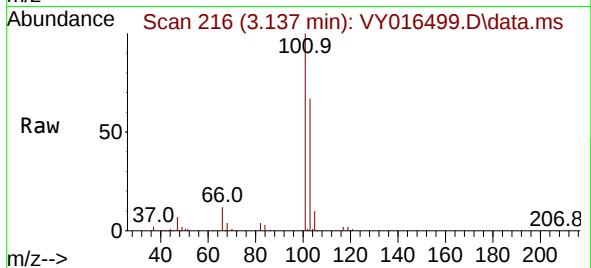
Tgt Ion: 64 Resp: 54199
Ion Ratio Lower Upper
64 100
66 33.4 24.4 36.6





#7
 Trichlorofluoromethane
 Concen: 52.906 ug/l
 RT: 3.137 min Scan# 216
 Delta R.T. -0.000 min
 Lab File: VY016499.D
 Acq: 27 Nov 2023 10:06

Instrument :
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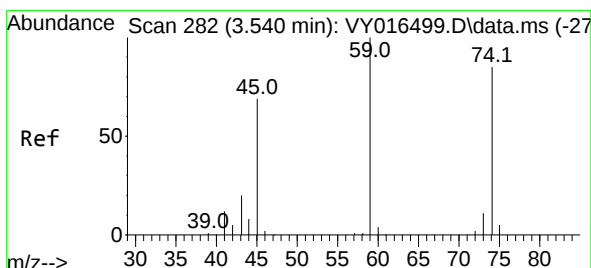
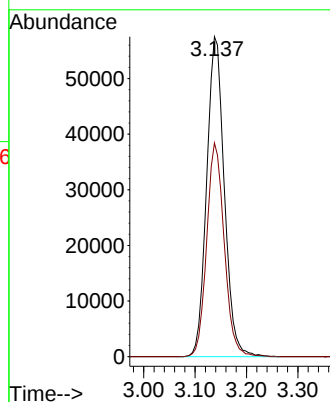


Tgt Ion:101 Resp: 13718
 Ion Ratio Lower Upper
 101 100
 103 66.8 51.4 77.0

Manual Integrations
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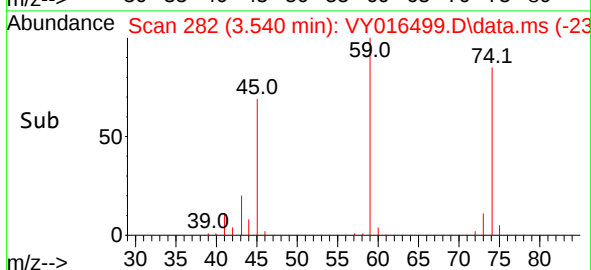
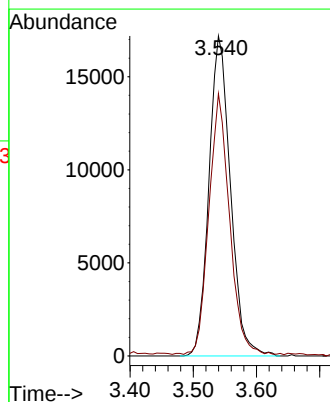
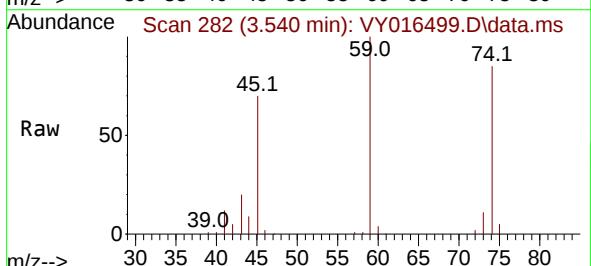
Reviewed By :John
 Carlone
 11/28/2023

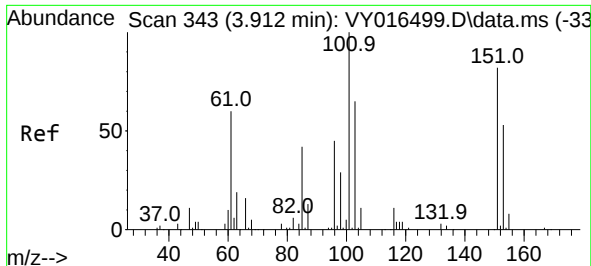
Supervised By :Mahesh
 Dadoda
 11/28/2023



#8
 Diethyl Ether
 Concen: 52.383 ug/l
 RT: 3.540 min Scan# 282
 Delta R.T. -0.000 min
 Lab File: VY016499.D
 Acq: 27 Nov 2023 10:06

Tgt Ion: 74 Resp: 40594
 Ion Ratio Lower Upper
 74 100
 45 77.8 51.5 154.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.157 ug/l
RT: 3.912 min Scan# 343
Delta R.T. -0.000 min
Lab File: VY016499.D
Acq: 27 Nov 2023 10:06

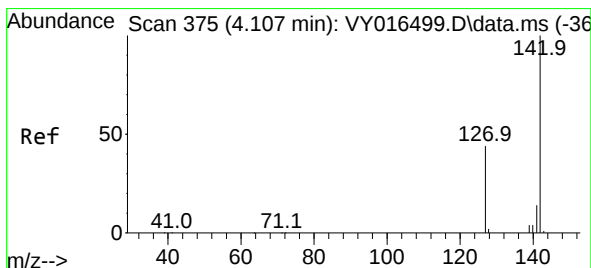
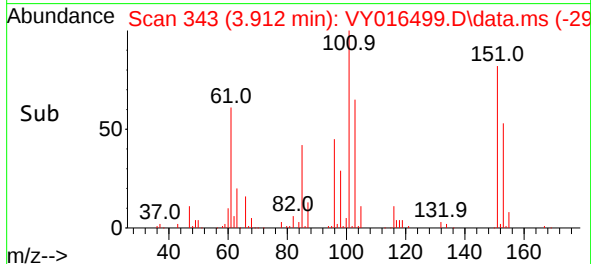
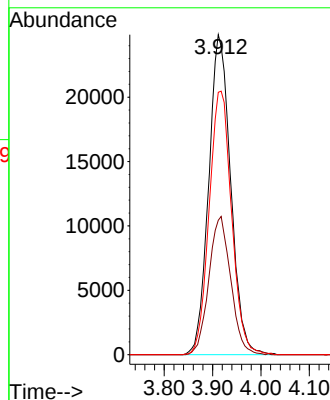
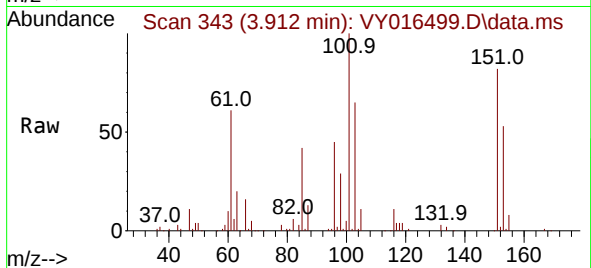
Instrument :
MSVOA_Y
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VSTDCCC050

Tgt Ion:101 Resp: 78330
Ion Ratio Lower Upper
101 100
85 43.0 36.6 55.0
151 84.2 67.0 100.6

Manual Integrations
APPROVED

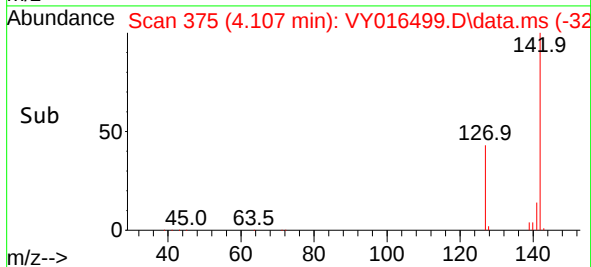
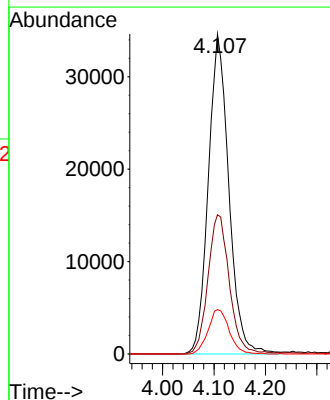
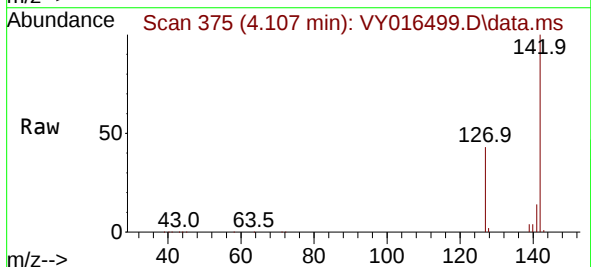
Reviewed By :John
Carlone
11/28/2023

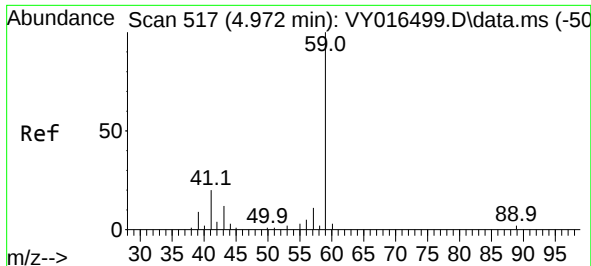
Supervised By :Mahesh
Dadoda
11/28/2023



#10
Methyl Iodide
Concen: 56.811 ug/l
RT: 4.107 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY016499.D
Acq: 27 Nov 2023 10:06

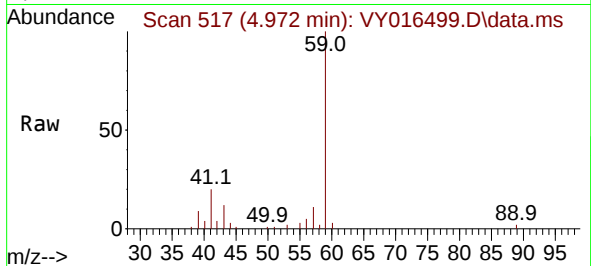
Tgt Ion:142 Resp: 95821
Ion Ratio Lower Upper
142 100
127 45.4 37.6 56.4
141 14.3 11.8 17.8





#11
Tert butyl alcohol
Concen: 232.454 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.000 min
Lab File: VY016499.D
Acq: 27 Nov 2023 10:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

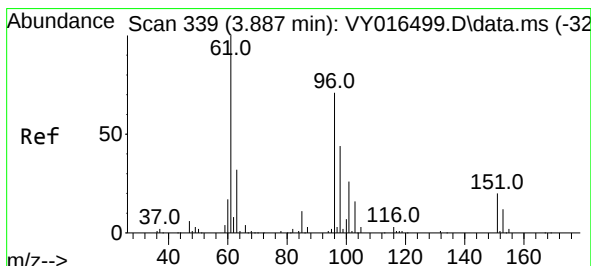
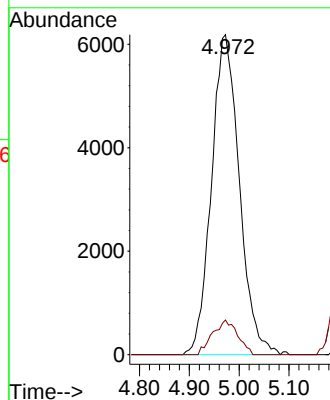


Tgt Ion: 59 Resp: 2404
Ion Ratio Lower Upper
59 100
57 9.7 3.0 4.4

Manual Integrations
APPROVED

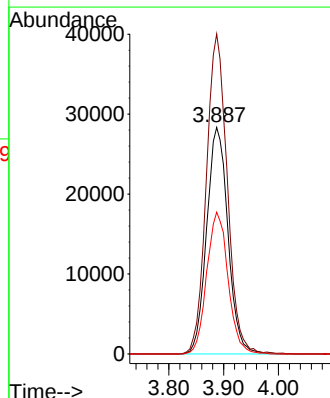
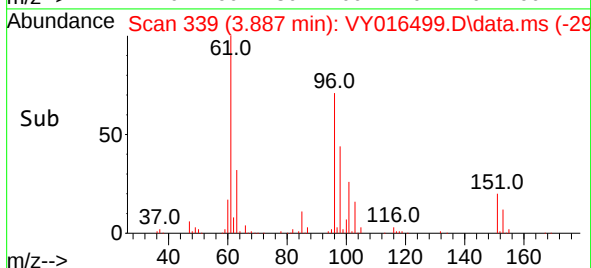
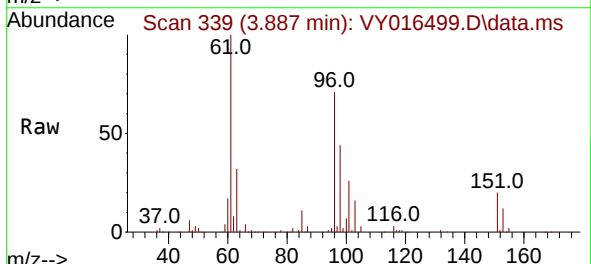
Reviewed By :John
Carlone
11/28/2023

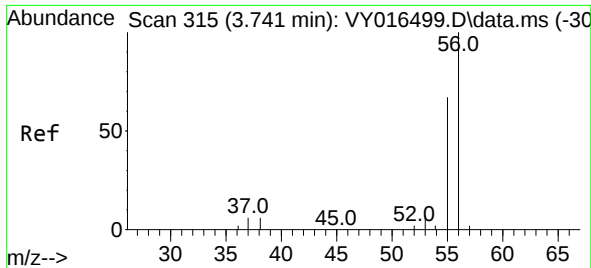
Supervised By :Mahesh
Dadoda
11/28/2023



#12
1,1-Dichloroethene
Concen: 52.245 ug/l
RT: 3.887 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY016499.D
Acq: 27 Nov 2023 10:06

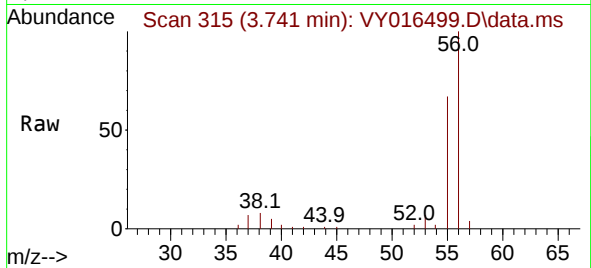
Tgt Ion: 96 Resp: 76304
Ion Ratio Lower Upper
96 100
61 141.2 136.4 204.6
98 62.6 49.4 74.2





#13
Acrolein
Concen: 255.356 ug/l
RT: 3.741 min Scan# 315
Delta R.T. -0.000 min
Lab File: VY016499.D
Acq: 27 Nov 2023 10:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

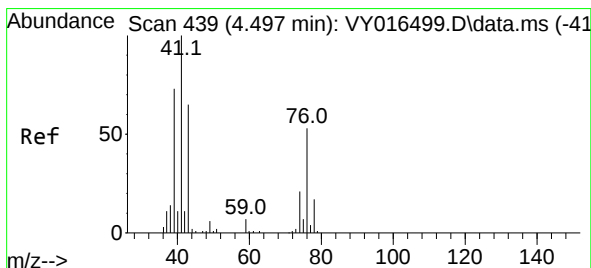
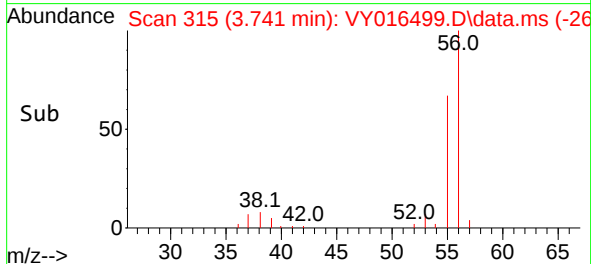
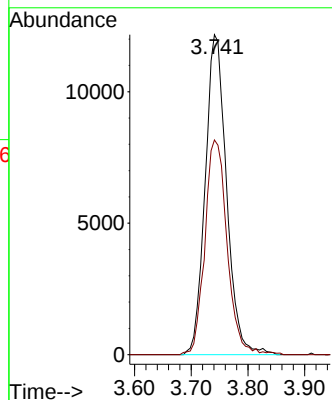


Tgt Ion: 56 Resp: 31860
Ion Ratio Lower Upper
56 100
55 69.8 57.0 85.4

Manual Integrations
APPROVED

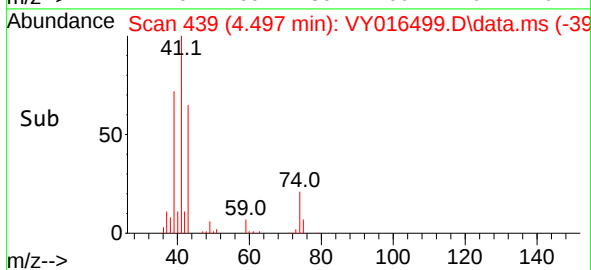
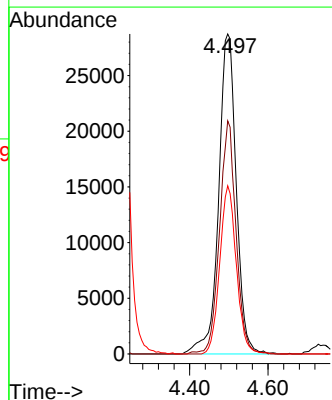
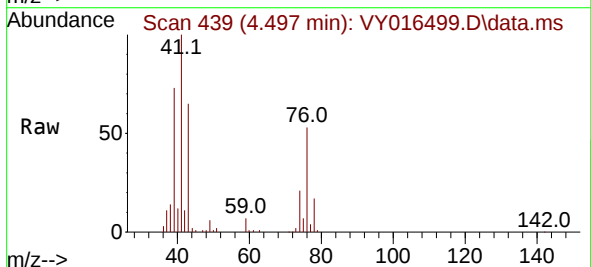
Reviewed By :John
Carlone
11/28/2023

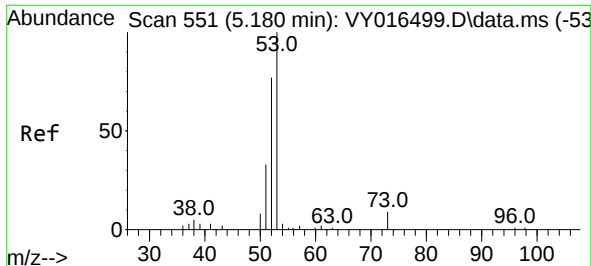
Supervised By :Mahesh
Dadoda
11/28/2023



#14
Allyl chloride
Concen: 43.475 ug/l
RT: 4.497 min Scan# 439
Delta R.T. -0.000 min
Lab File: VY016499.D
Acq: 27 Nov 2023 10:06

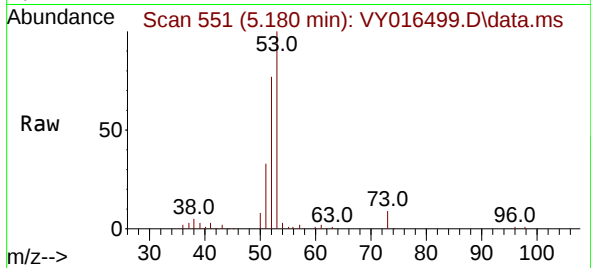
Tgt Ion: 41 Resp: 90106
Ion Ratio Lower Upper
41 100
39 68.1 58.0 87.0
76 49.4 27.4 41.2#





#15
Acrylonitrile
Concen: 248.629 ug/l
RT: 5.180 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY016499.D
Acq: 27 Nov 2023 10:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

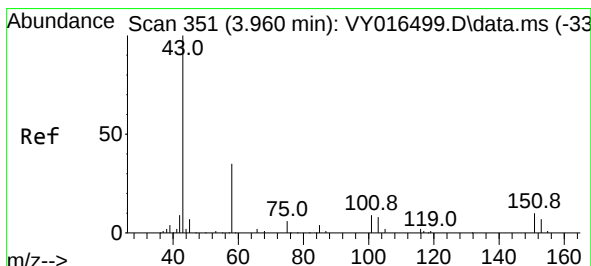
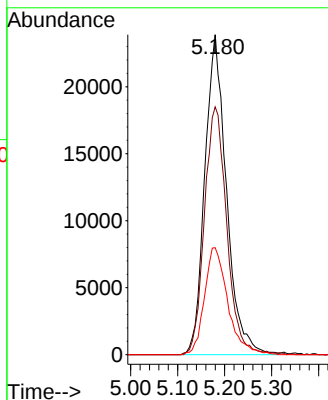
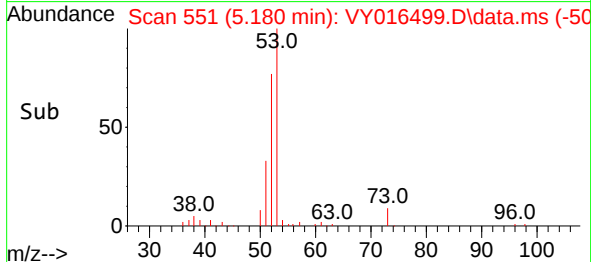


Tgt Ion: 53 Resp: 76463
Ion Ratio Lower Upper
53 100
52 79.7 66.9 100.3
51 36.0 29.8 44.6

Manual Integrations
APPROVED

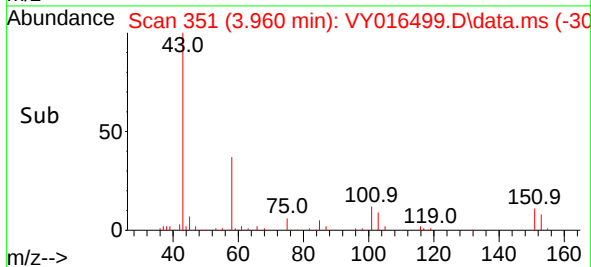
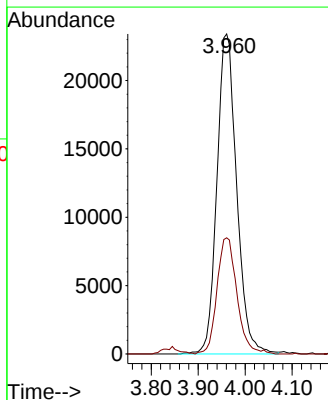
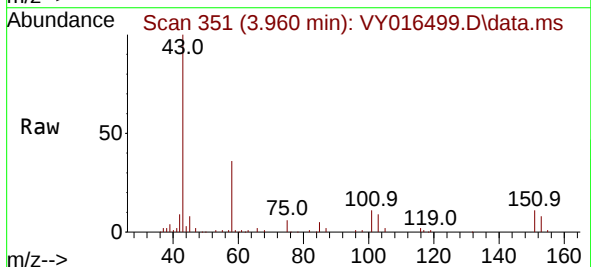
Reviewed By :John
Carlone
11/28/2023

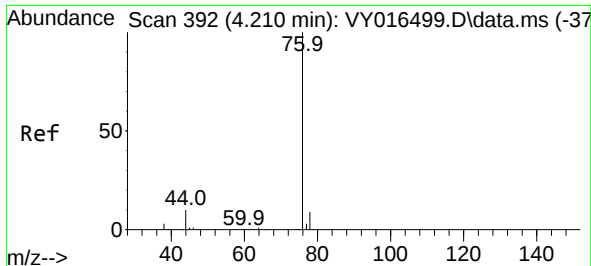
Supervised By :Mahesh
Dadoda
11/28/2023



#16
Acetone
Concen: 313.634 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY016499.D
Acq: 27 Nov 2023 10:06

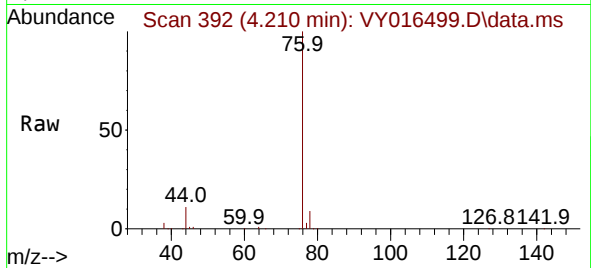
Tgt Ion: 43 Resp: 68529
Ion Ratio Lower Upper
43 100
58 36.3 22.7 34.1#





#17
Carbon Disulfide
Concen: 49.974 ug/l
RT: 4.210 min Scan# 392
Delta R.T. -0.000 min
Lab File: VY016499.D
Acq: 27 Nov 2023 10:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

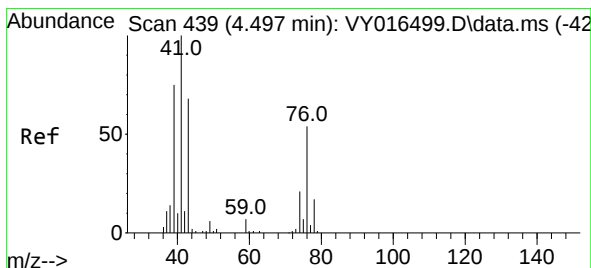
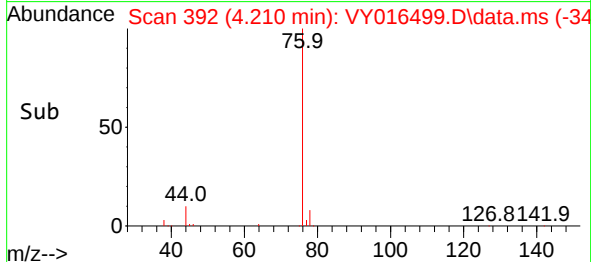
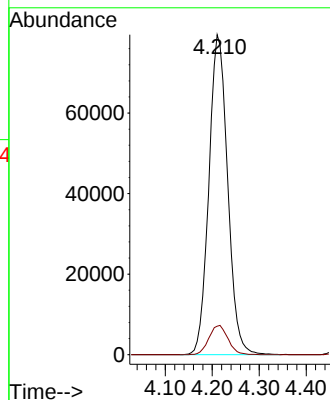


Tgt Ion: 76 Resp: 220219
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.4

Manual Integrations
APPROVED

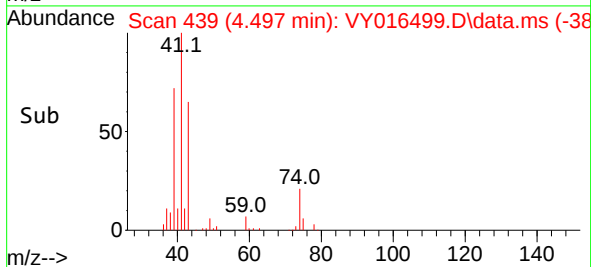
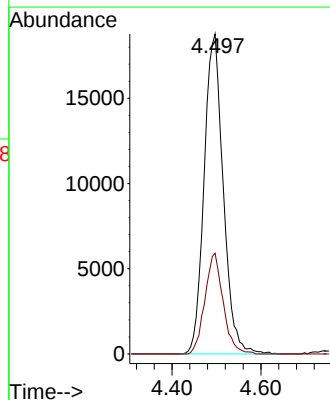
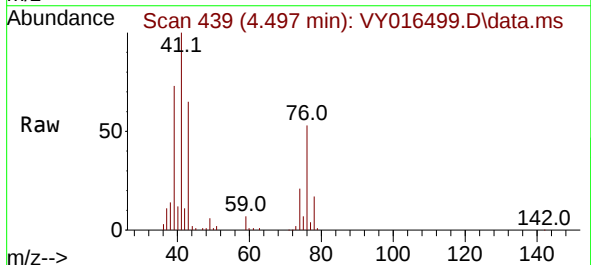
Reviewed By :John
Carlone
11/28/2023

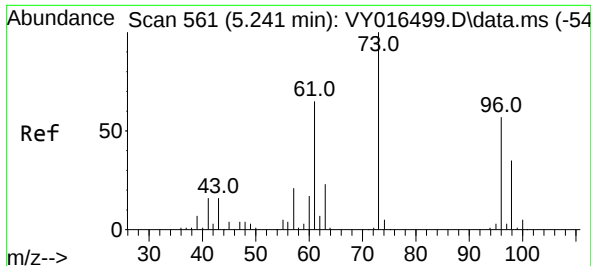
Supervised By :Mahesh
Dadoda
11/28/2023



#18
Methyl Acetate
Concen: 48.422 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY016499.D
Acq: 27 Nov 2023 10:06

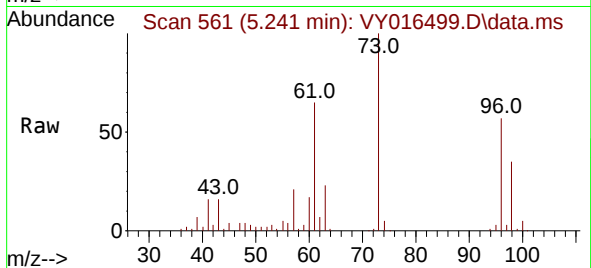
Tgt Ion: 43 Resp: 56220
Ion Ratio Lower Upper
43 100
74 30.1 17.4 26.0#





#19
Methyl tert-butyl Ether
Concen: 51.682 ug/l
RT: 5.241 min Scan# 561
Delta R.T. 0.006 min
Lab File: VY016499.D
Acq: 27 Nov 2023 10:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

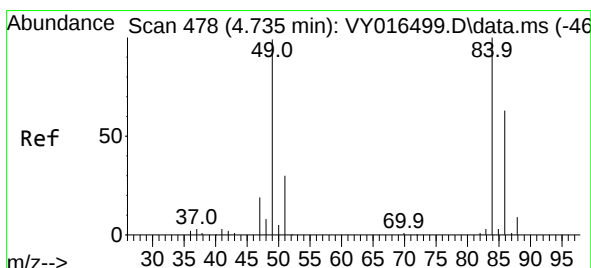
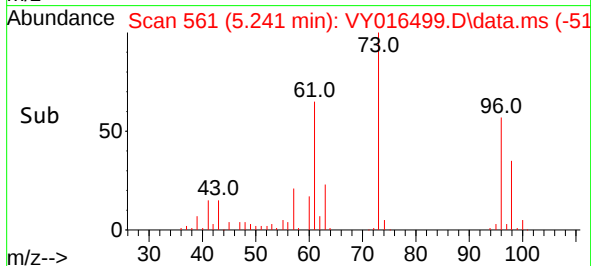
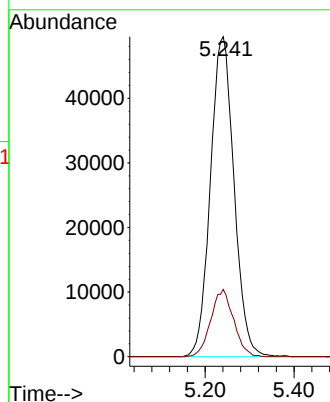


Tgt Ion: 73 Resp: 182692
Ion Ratio Lower Upper
73 100
57 21.0 17.3 25.9

Manual Integrations
APPROVED

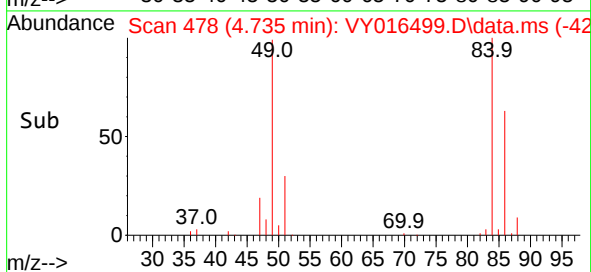
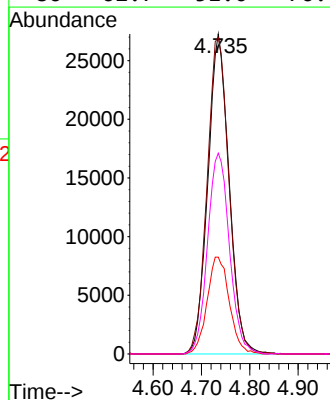
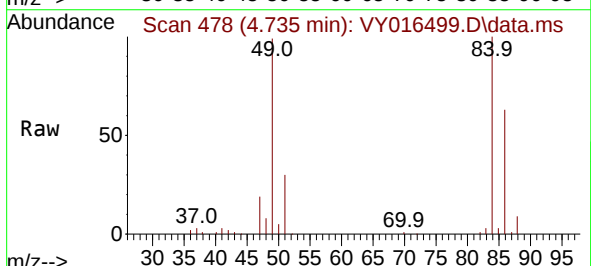
Reviewed By :John
Carlone
11/28/2023

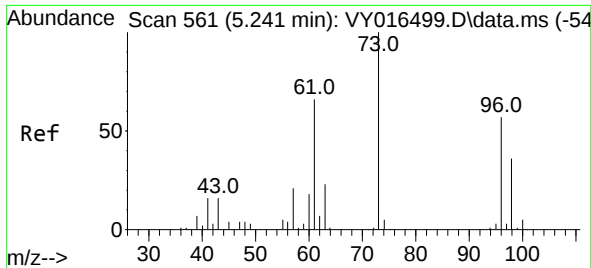
Supervised By :Mahesh
Dadoda
11/28/2023



#20
Methylene Chloride
Concen: 54.248 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY016499.D
Acq: 27 Nov 2023 10:06

Tgt Ion: 84 Resp: 83279
Ion Ratio Lower Upper
84 100
49 98.9 106.9 160.3#
51 30.3 33.2 49.8#
86 62.7 51.0 76.6





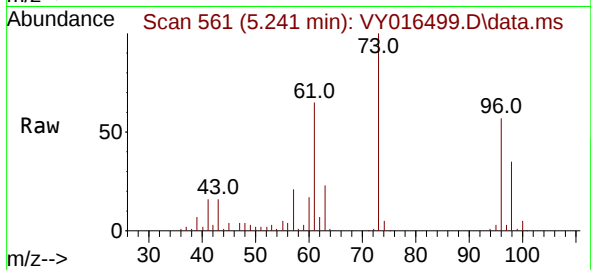
#21
trans-1,2-Dichloroethene
Concen: 51.531 ug/l
RT: 5.241 min Scan# 561
Delta R.T. 0.006 min
Lab File: VY016499.D
Acq: 27 Nov 2023 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050



Tgt Ion: 96 Resp: 86658
Ion Ratio Lower Upper
96 100
61 114.8 110.2 165.4
98 62.2 51.8 77.6

Manual Integrations

APPROVED

Reviewed By :John

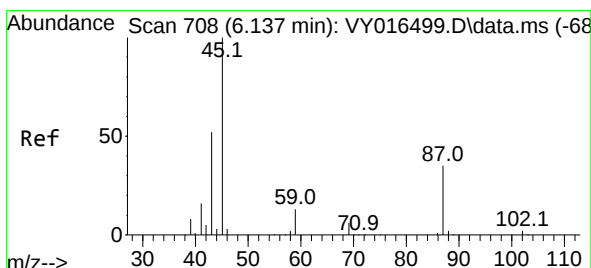
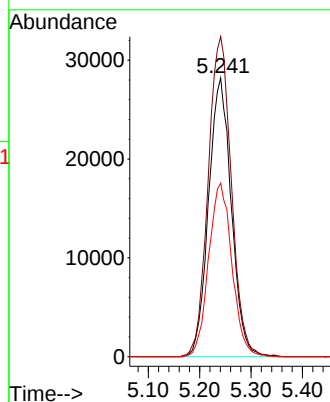
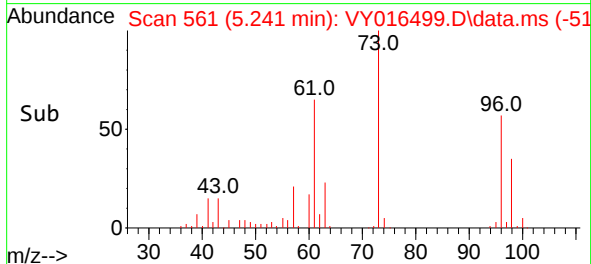
Carlone

11/28/2023

Supervised By :Mahesh

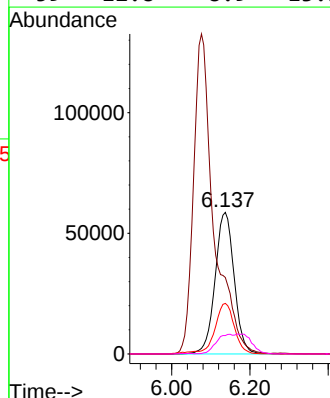
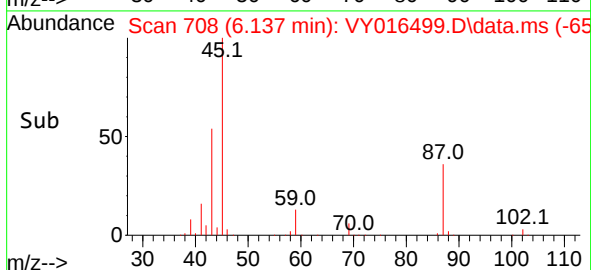
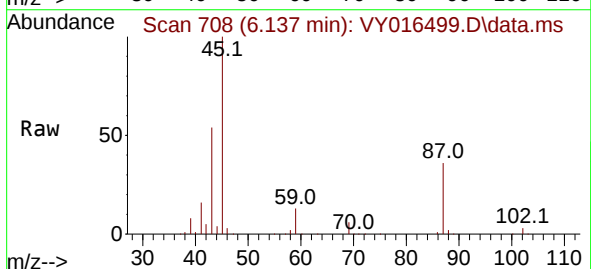
Dadoda

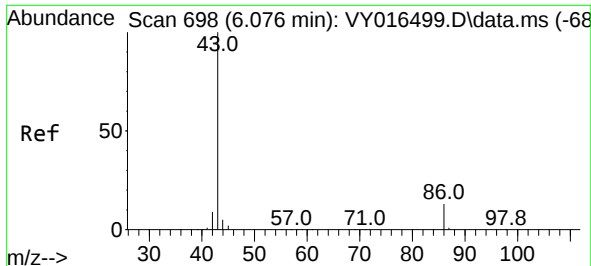
11/28/2023



#22
Diisopropyl ether
Concen: 44.421 ug/l
RT: 6.137 min Scan# 708
Delta R.T. -0.000 min
Lab File: VY016499.D
Acq: 27 Nov 2023 10:06

Tgt Ion: 45 Resp: 198411
Ion Ratio Lower Upper
45 100
43 53.3 52.2 78.4
87 35.7 21.0 31.6#
59 12.8 8.9 13.3





#23
 Vinyl Acetate
 Concen: 221.021 ug/l
 RT: 6.076 min Scan# 698
 Delta R.T. -0.000 min
 Lab File: VY016499.D
 Acq: 27 Nov 2023 10:06

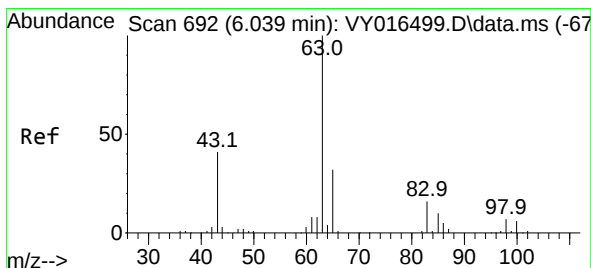
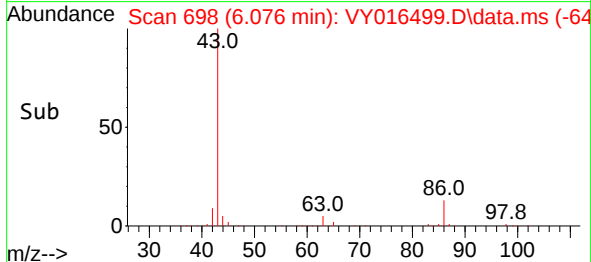
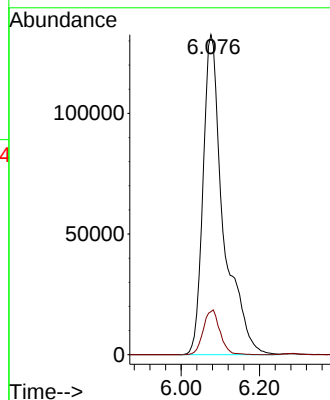
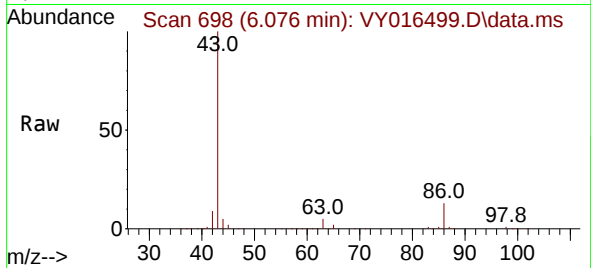
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 478354
 Ion Ratio Lower Upper
 43 100
 86 13.4 7.5 11.3

Manual Integrations
 APPROVED

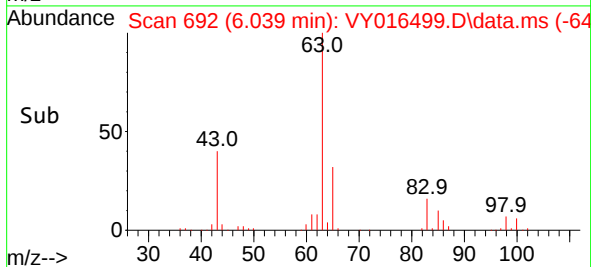
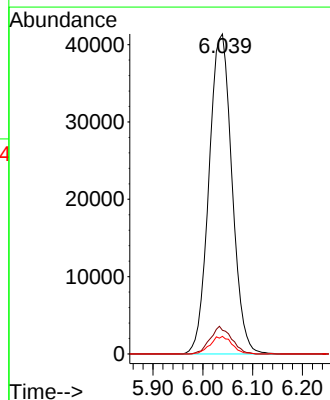
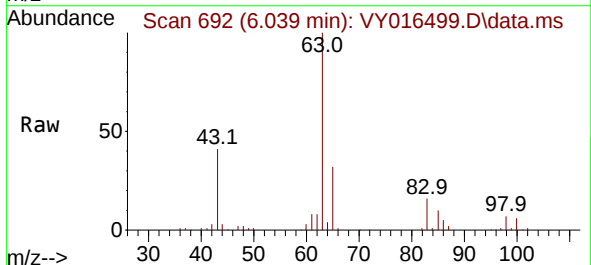
Reviewed By :John
 Carlone
 11/28/2023

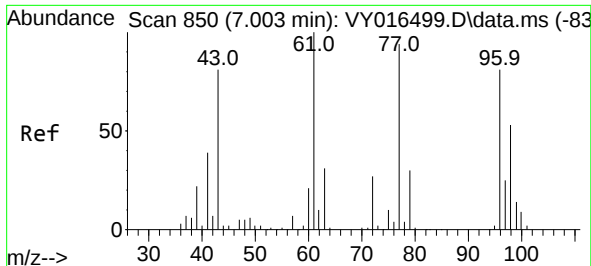
Supervised By :Mahesh
 Dadoda
 11/28/2023



#24
 1,1-Dichloroethane
 Concen: 48.064 ug/l
 RT: 6.039 min Scan# 692
 Delta R.T. -0.000 min
 Lab File: VY016499.D
 Acq: 27 Nov 2023 10:06

Tgt Ion: 63 Resp: 132444
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.1 9.4
 100 5.5 1.8 5.5





#25

2-Butanone

Concen: 248.505 ug/l

RT: 7.003 min Scan# 850

Delta R.T. -0.000 min

Lab File: VY016499.D

Acq: 27 Nov 2023 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 95100

Ion Ratio Lower Upper

43 100

72 33.6 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :John

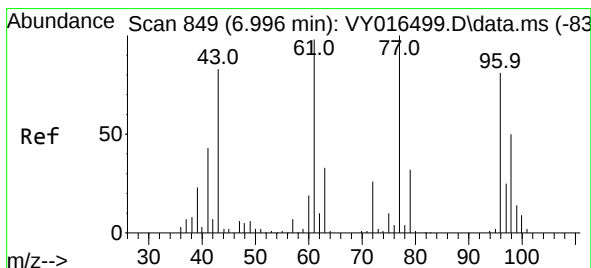
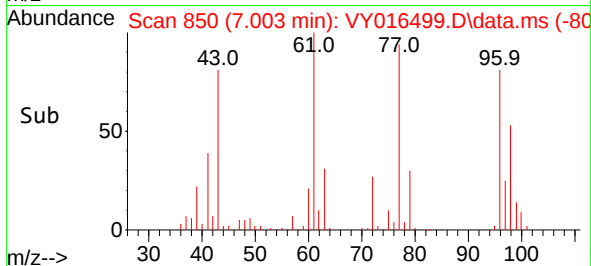
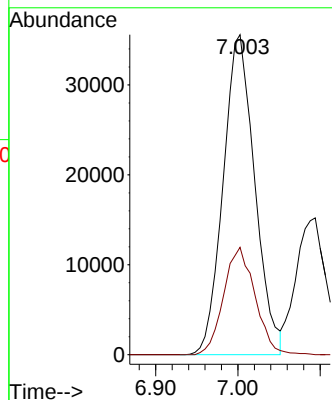
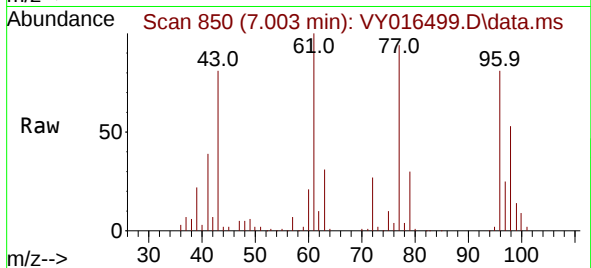
Carlone

11/28/2023

Supervised By :Mahesh

Dadoda

11/28/2023



#26

2,2-Dichloropropane

Concen: 50.861 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY016499.D

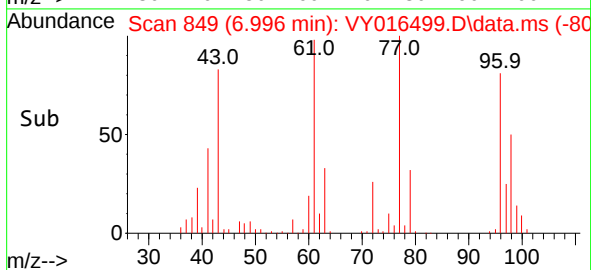
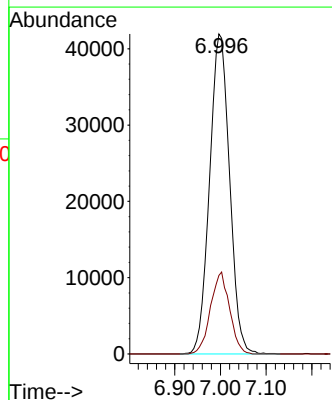
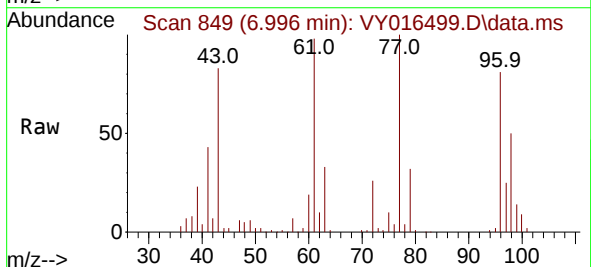
Acq: 27 Nov 2023 10:06

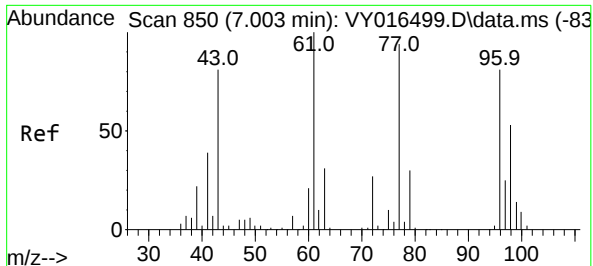
Tgt Ion: 77 Resp: 127557

Ion Ratio Lower Upper

77 100

97 24.5 10.9 32.9





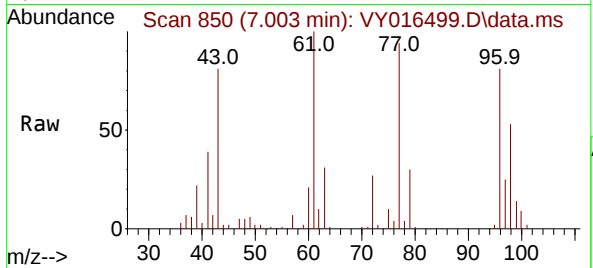
#27
 cis-1,2-Dichloroethene
 Concen: 52.787 ug/l
 RT: 7.003 min Scan# 850
 Delta R.T. -0.000 min
 Lab File: VY016499.D
 Acq: 27 Nov 2023 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050



Tgt Ion: 96 Resp: 9564
 Ion Ratio Lower Upper
 96 100
 61 125.0 0.0 301.4
 98 64.9 0.0 130.4

Manual Integrations
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Reviewed By :John

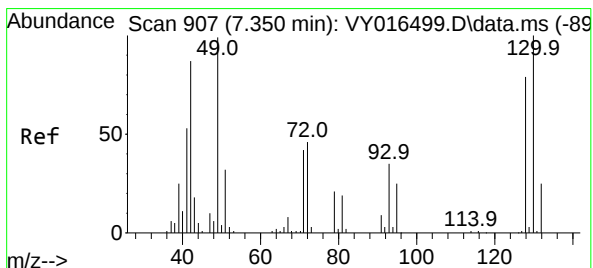
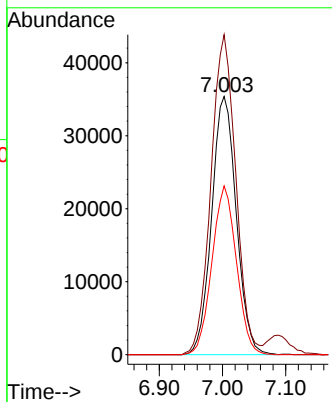
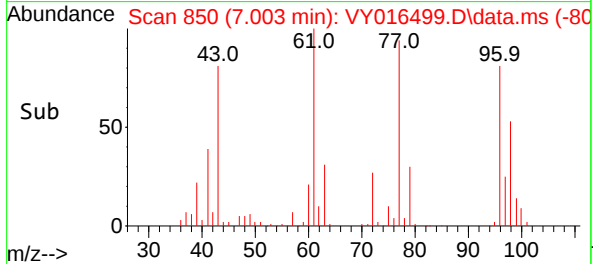
Carlone

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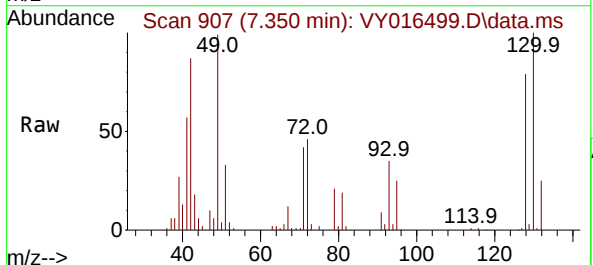
Supervised By :Mahesh

Dadoda

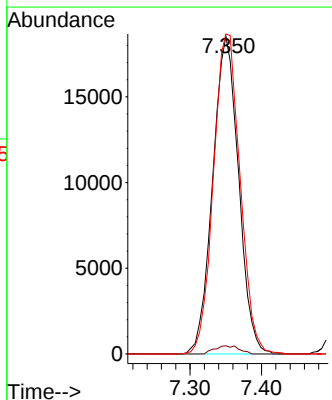
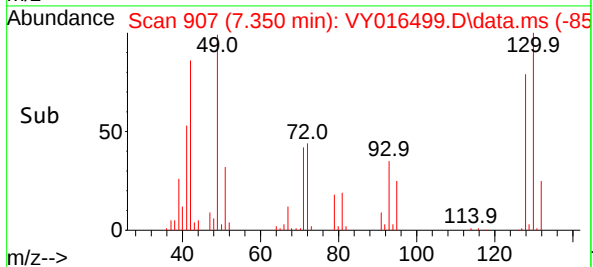
11/28/2023

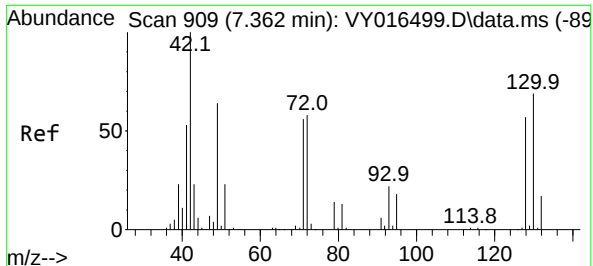


#28
 Bromochloromethane
 Concen: 45.620 ug/l
 RT: 7.350 min Scan# 907
 Delta R.T. -0.000 min
 Lab File: VY016499.D
 Acq: 27 Nov 2023 10:06



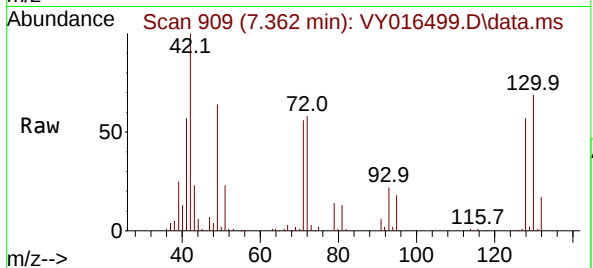
Tgt Ion: 49 Resp: 46525
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.6
 130 103.6 60.7 91.1#





#29
Tetrahydrofuran
Concen: 227.624 ug/l
RT: 7.362 min Scan# 909
Delta R.T. -0.000 min
Lab File: VY016499.D
Acq: 27 Nov 2023 10:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

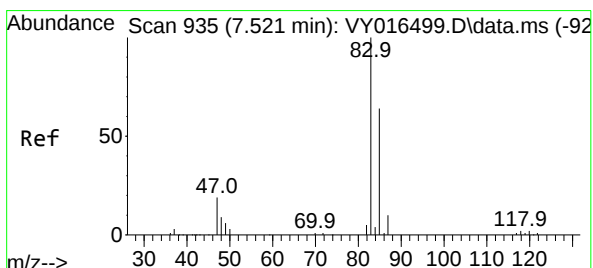
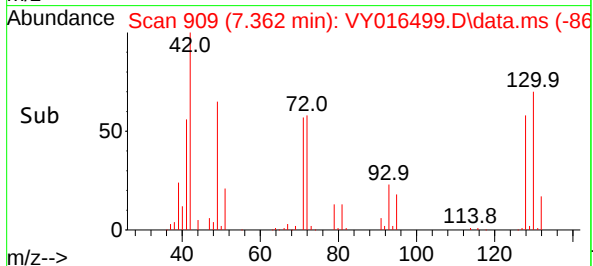
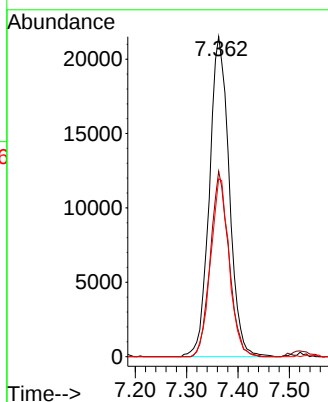


Tgt Ion: 42 Resp: 57580
Ion Ratio Lower Upper
42 100
72 54.3 32.8 49.2
71 52.4 31.0 46.4

Manual Integrations
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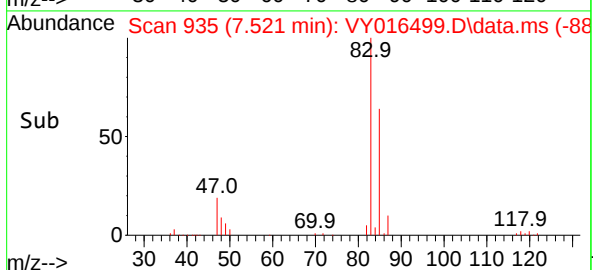
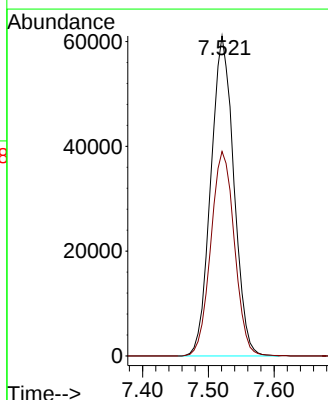
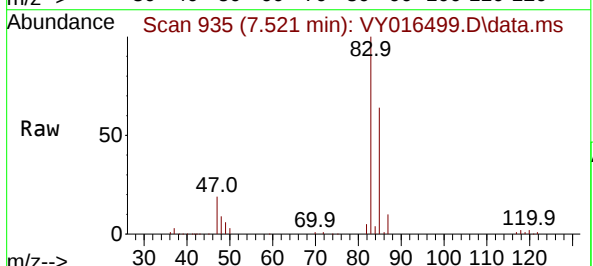
Reviewed By :John
Carlone
11/28/2023

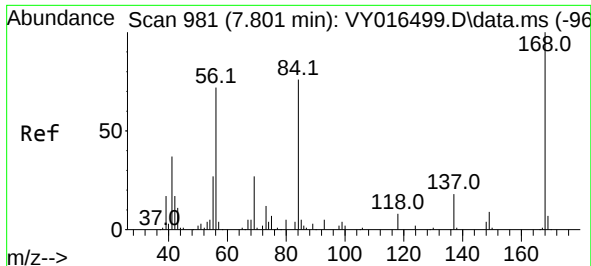
Supervised By :Mahesh
Dadoda
11/28/2023



#30
Chloroform
Concen: 51.805 ug/l
RT: 7.521 min Scan# 935
Delta R.T. -0.000 min
Lab File: VY016499.D
Acq: 27 Nov 2023 10:06

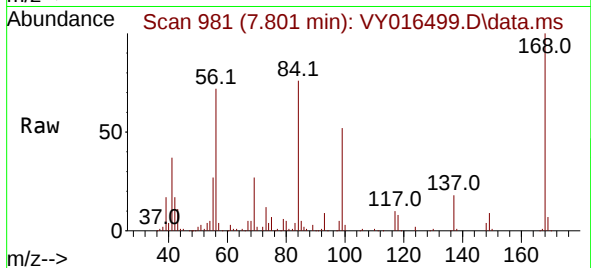
Tgt Ion: 83 Resp: 148588
Ion Ratio Lower Upper
83 100
85 63.9 49.7 74.5





#31
Cyclohexane
Concen: 42.638 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY016499.D
Acq: 27 Nov 2023 10:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

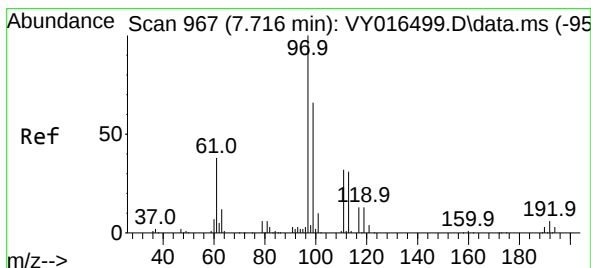
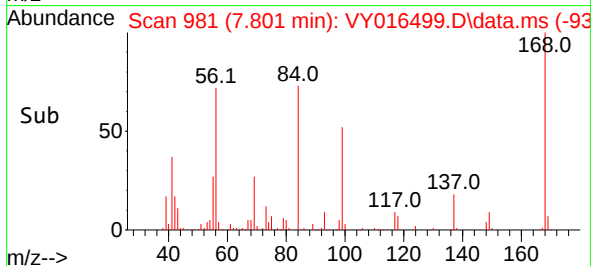
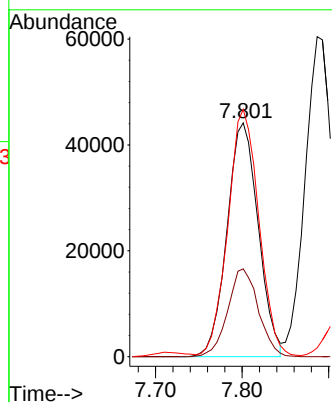


Tgt Ion: 56 Resp: 110889
Ion Ratio Lower Upper
56 100
69 37.6 27.8 41.6
84 104.4 66.4 99.6

Manual Integrations
APPROVED

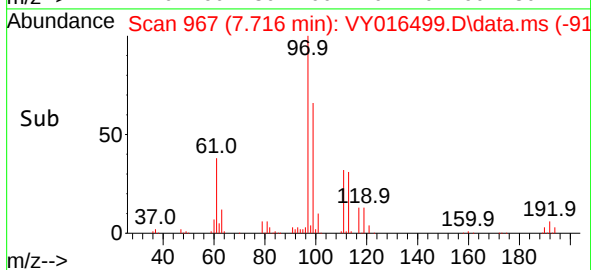
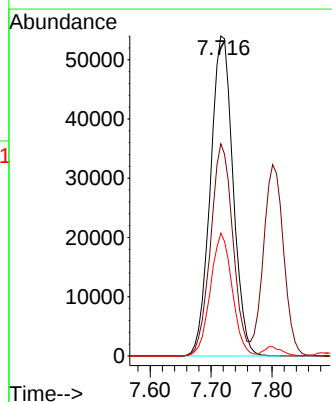
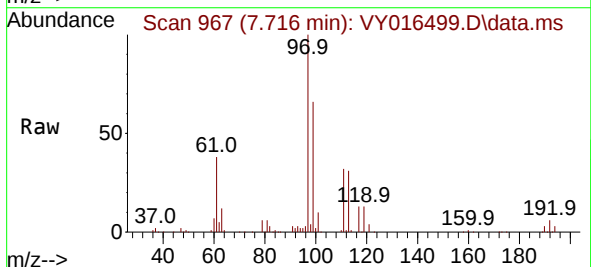
Reviewed By :John
Carlone
11/28/2023

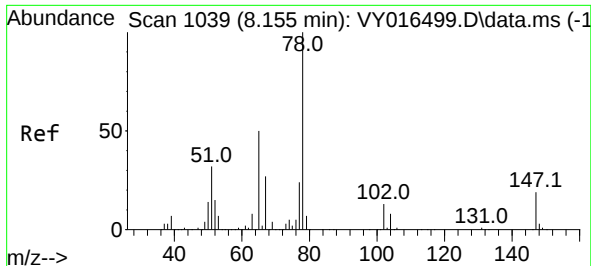
Supervised By :Mahesh
Dadoda
11/28/2023



#32
1,1,1-Trichloroethane
Concen: 53.252 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY016499.D
Acq: 27 Nov 2023 10:06

Tgt Ion: 97 Resp: 140010
Ion Ratio Lower Upper
97 100
99 65.4 50.8 76.2
61 36.8 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 45.914 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY016499.D

Acq: 27 Nov 2023 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 60649

Ion Ratio Lower Upper

65 100

67 53.8 0.0 101.8

Manual Integrations

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Reviewed By :John

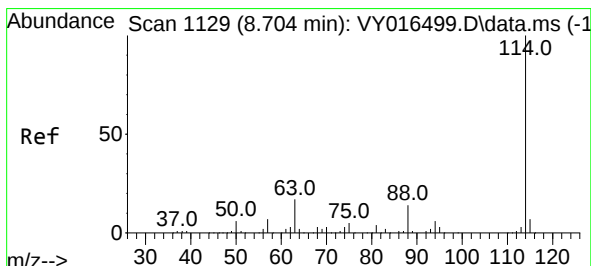
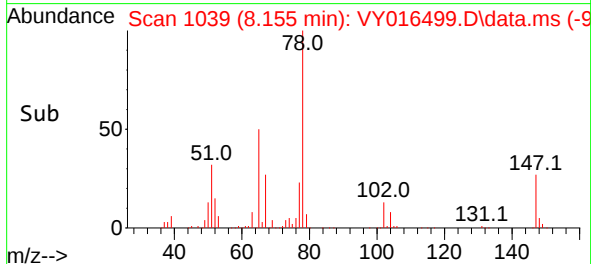
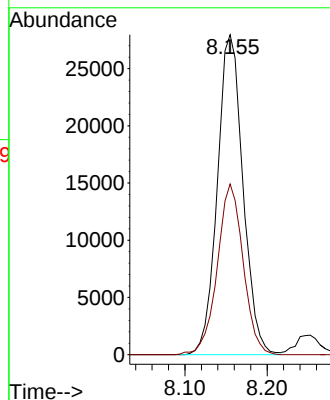
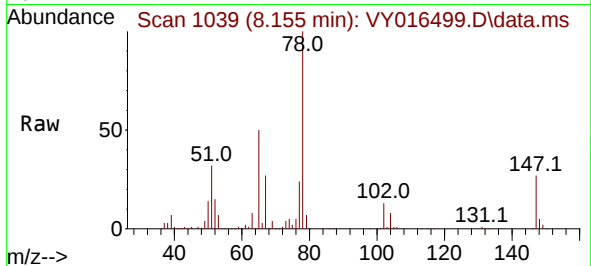
Carlone

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Supervised By :Mahesh

Dadoda

11/28/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.704 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VY016499.D

Acq: 27 Nov 2023 10:06

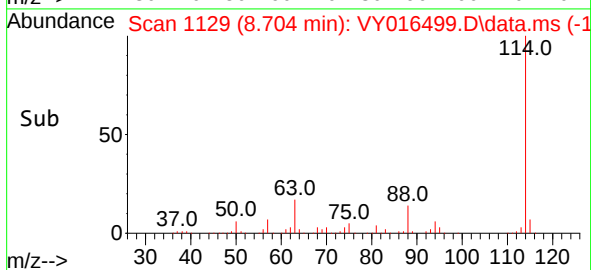
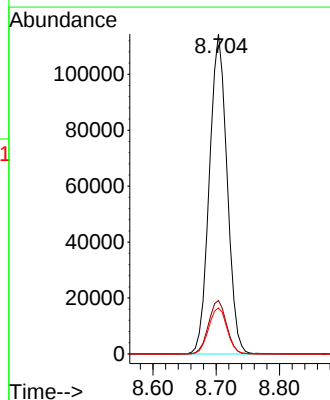
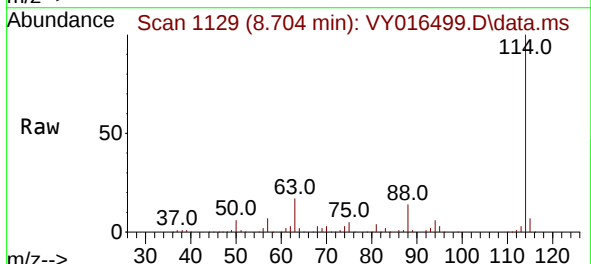
Tgt Ion:114 Resp: 222431

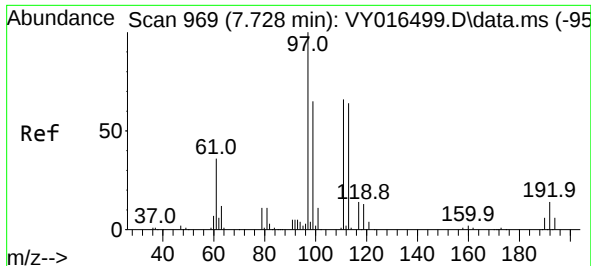
Ion Ratio Lower Upper

114 100

63 16.7 0.0 42.4

88 14.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 54.521 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY016499.D

Acq: 27 Nov 2023 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 68890

Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.3	121.9
192	20.8	16.9	25.3

Manual Integrations

APPROVED

Reviewed By :John

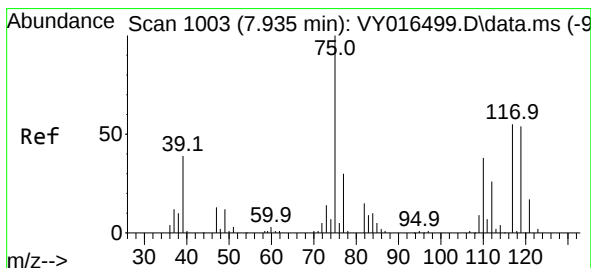
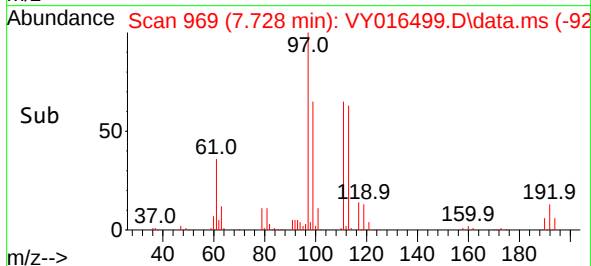
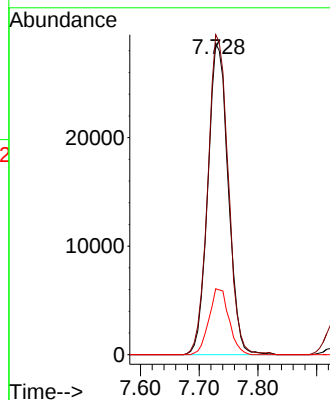
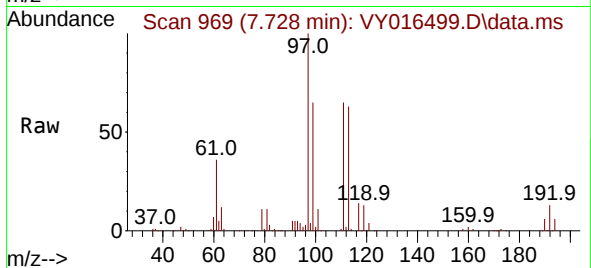
Carlone

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Supervised By :Mahesh

Dadoda

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#36

1,1-Dichloropropene

Concen: 50.641 ug/l

RT: 7.935 min Scan# 1003

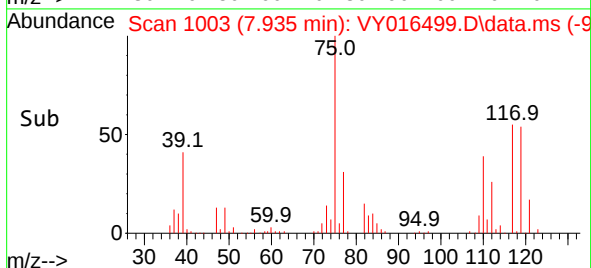
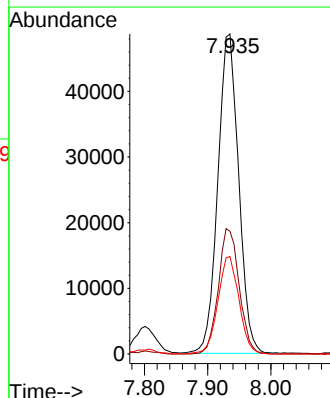
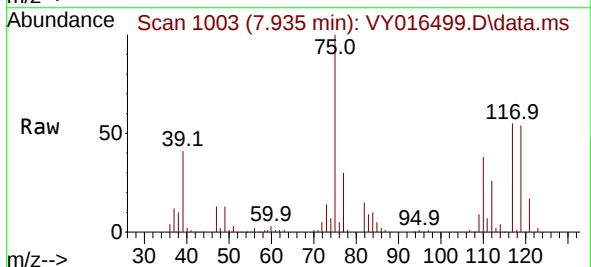
Delta R.T. 0.006 min

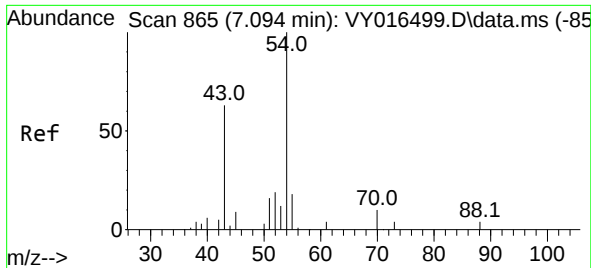
Lab File: VY016499.D

Acq: 27 Nov 2023 10:06

Tgt Ion: 75 Resp: 111109

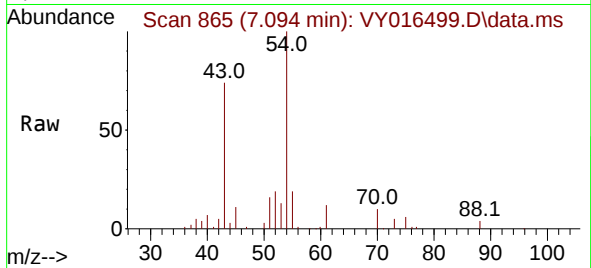
Ion	Ratio	Lower	Upper
75	100		
110	39.2	17.8	53.5
77	30.9	24.4	36.6





#37
Ethyl Acetate
Concen: 45.523 ug/l
RT: 7.094 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY016499.D
Acq: 27 Nov 2023 10:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

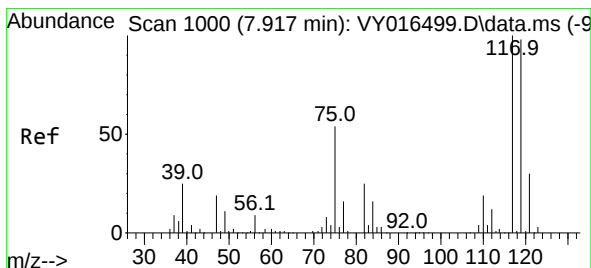
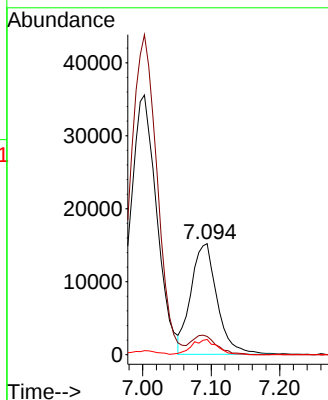


Tgt Ion: 43 Resp: 40350
Ion Ratio Lower Upper
43 100
61 16.5 10.1 15.1
70 13.2 7.1 10.7

Manual Integrations
APPROVED

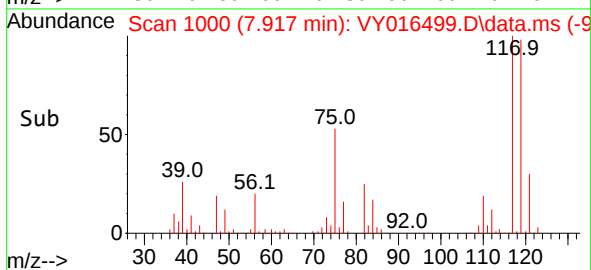
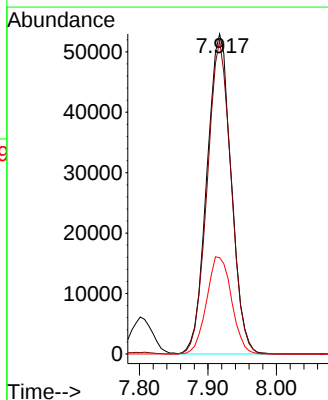
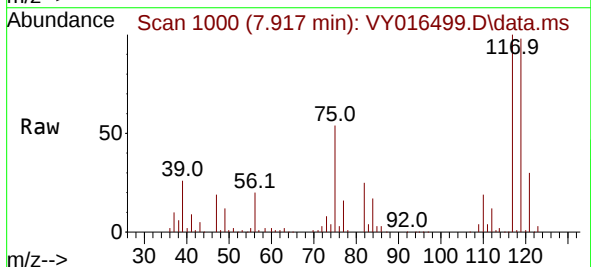
Reviewed By :John
Carlone
11/28/2023

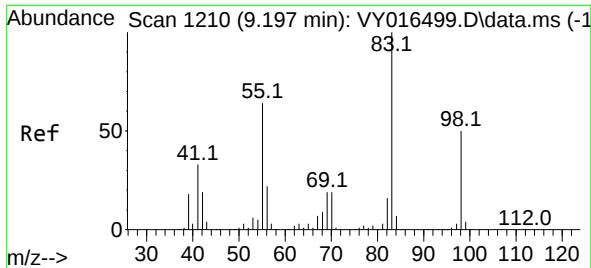
Supervised By :Mahesh
Dadoda
11/28/2023



#38
Carbon Tetrachloride
Concen: 57.196 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY016499.D
Acq: 27 Nov 2023 10:06

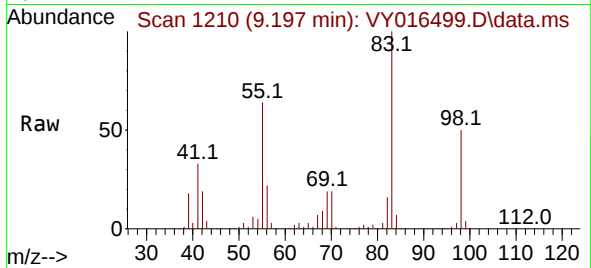
Tgt Ion:117 Resp: 130242
Ion Ratio Lower Upper
117 100
119 97.9 76.4 114.6
121 30.1 25.8 38.6





#39
Methylcyclohexane
Concen: 51.234 ug/l
RT: 9.197 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016499.D
Acq: 27 Nov 2023 10:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

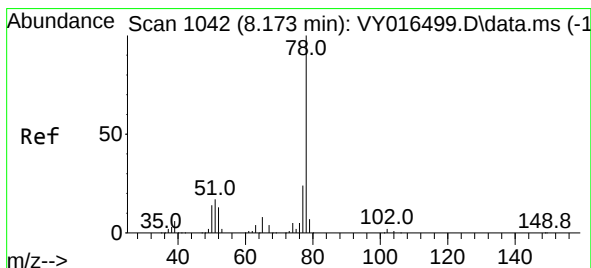
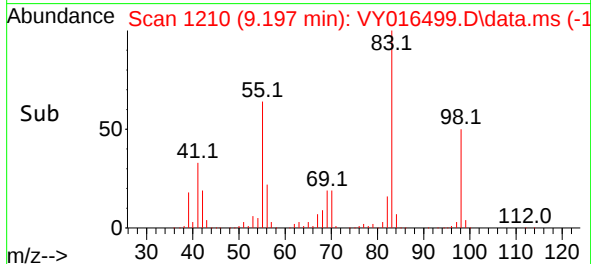
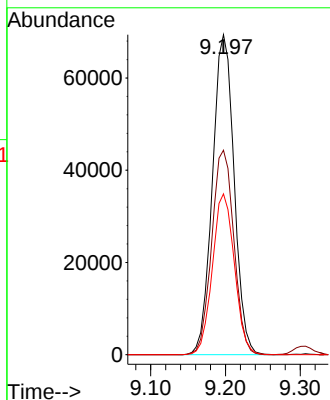


Tgt Ion: 83 Resp: 140069
Ion Ratio Lower Upper
83 100
55 63.9 63.0 94.4
98 50.3 37.4 56.2

Manual Integrations
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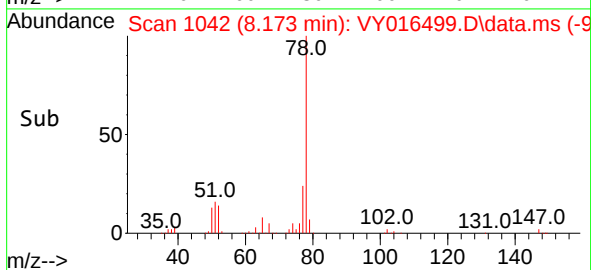
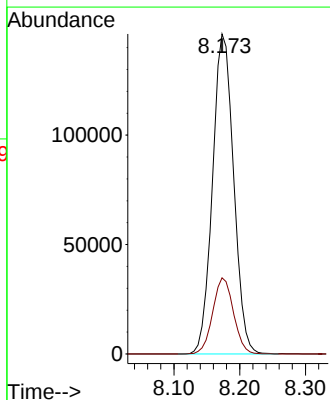
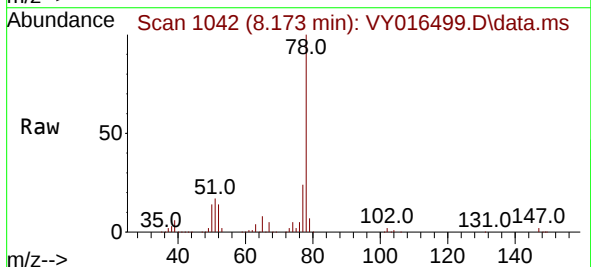
Reviewed By :John
Carlone
11/28/2023

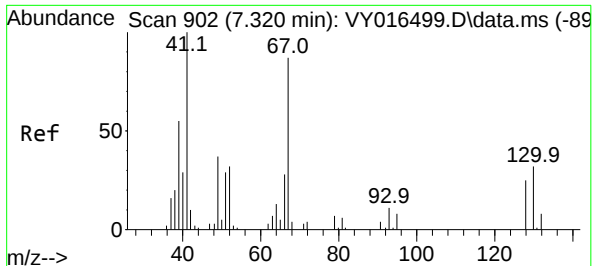
Supervised By :Mahesh
Dadoda
11/28/2023



#40
Benzene
Concen: 53.047 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VY016499.D
Acq: 27 Nov 2023 10:06

Tgt Ion: 78 Resp: 326994
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6





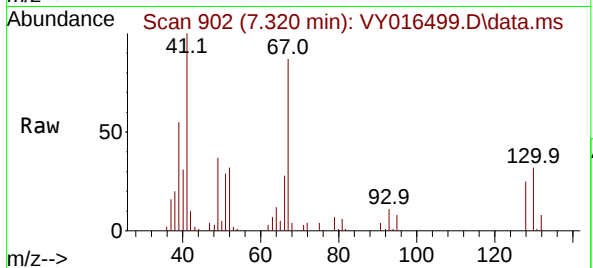
#41
Methacrylonitrile
Concen: 50.841 ug/l
RT: 7.320 min Scan# 902
Delta R.T. -0.006 min
Lab File: VY016499.D
Acq: 27 Nov 2023 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050



Tgt Ion: 41 Resp: 22725
Ion Ratio Lower Upper
41 100
39 53.9 52.1 78.1
67 92.1 66.2 99.2
52 33.5 29.9 44.9

Manual Integrations
APPROVED

Reviewed By :John

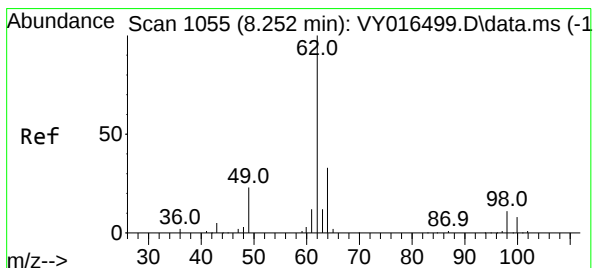
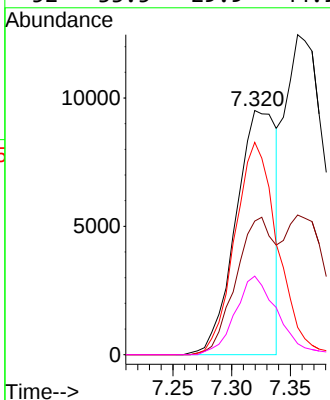
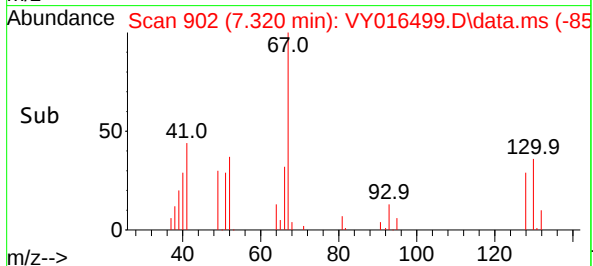
Carlone

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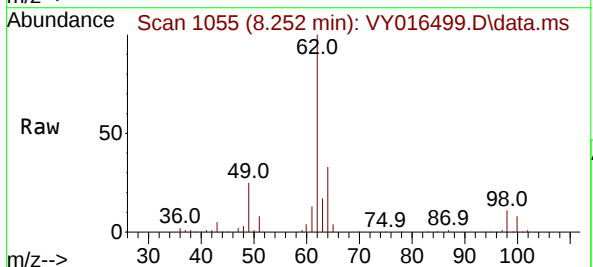
Supervised By :Mahesh

Dadoda

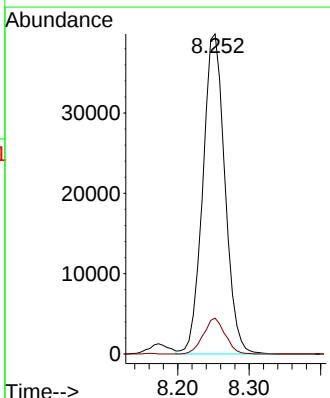
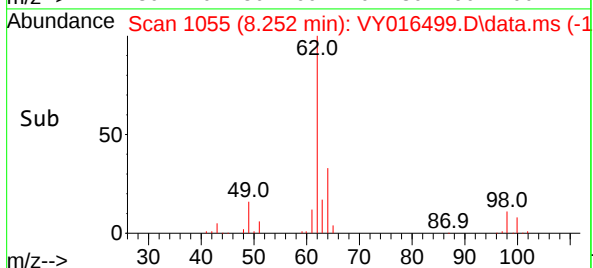
11/28/2023

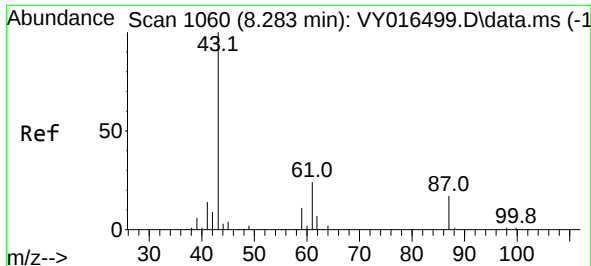


#42
1,2-Dichloroethane
Concen: 53.588 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VY016499.D
Acq: 27 Nov 2023 10:06



Tgt Ion: 62 Resp: 85590
Ion Ratio Lower Upper
62 100
98 11.0 0.0 15.8





#43

Isopropyl Acetate

Concen: 46.187 ug/l

RT: 8.283 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VY016499.D

Acq: 27 Nov 2023 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 79140

Ion	Ratio	Lower	Upper
43	100		
61	35.5	21.1	31.7
87	17.8	9.8	14.8

Manual Integrations

APPROVED

Reviewed By :John

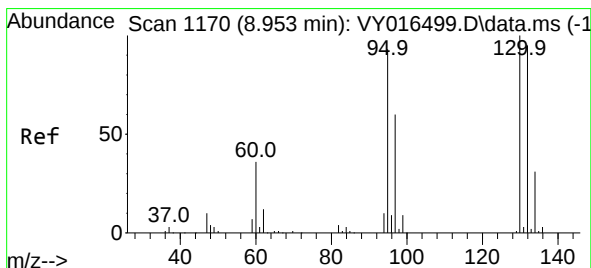
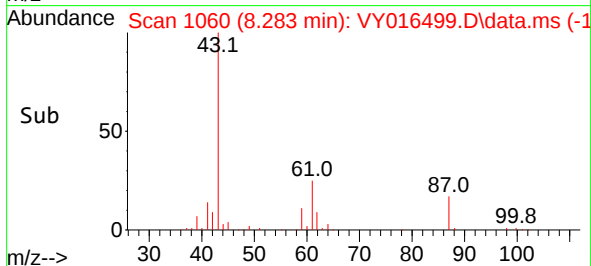
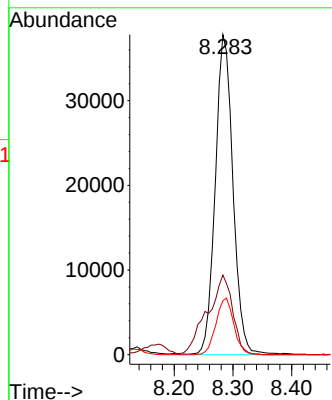
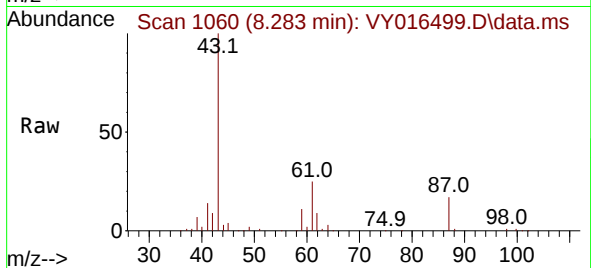
Carlone

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Supervised By :Mahesh

Dadoda

11/28/2023



#44

Trichloroethene

Concen: 56.173 ug/l

RT: 8.953 min Scan# 1170

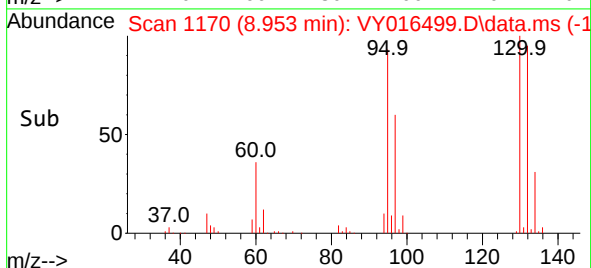
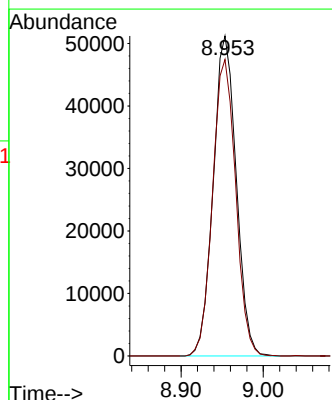
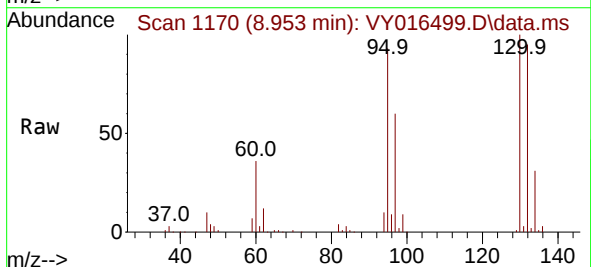
Delta R.T. -0.000 min

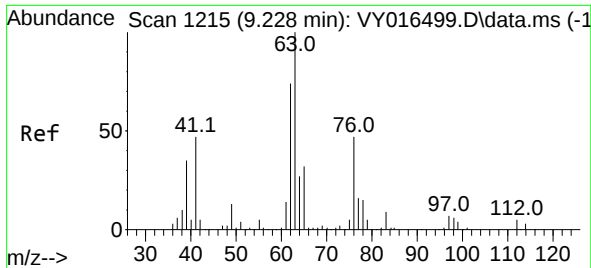
Lab File: VY016499.D

Acq: 27 Nov 2023 10:06

Tgt Ion:130 Resp: 99516

Ion	Ratio	Lower	Upper
130	100		
95	92.6	0.0	196.0





#45

1,2-Dichloropropane

Concen: 50.603 ug/l

RT: 9.228 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VY016499.D

Acq: 27 Nov 2023 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 7491

Ion Ratio Lower Upper

63 100

65 31.9 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John

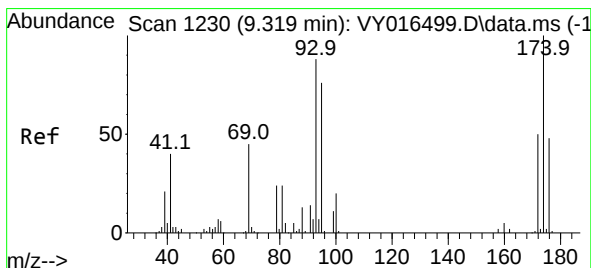
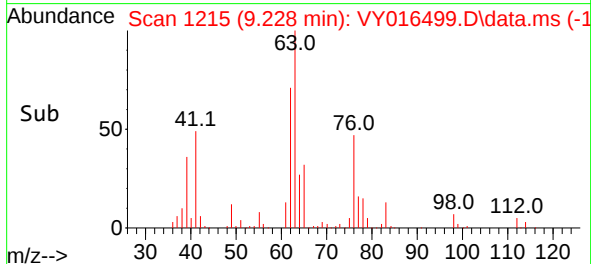
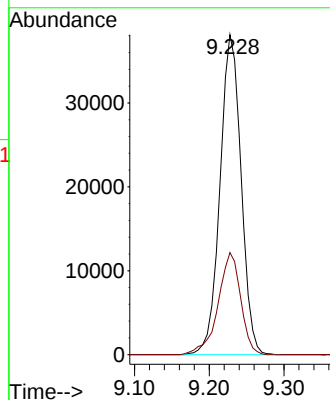
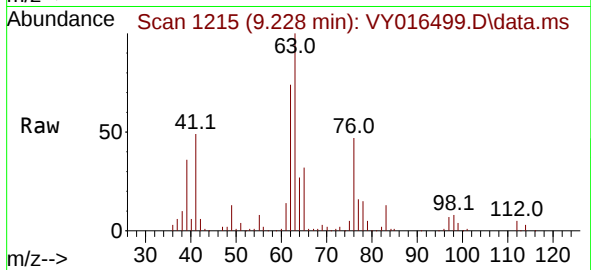
Carlone

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Supervised By :Mahesh

Dadoda

11/28/2023



#46

Dibromomethane

Concen: 55.409 ug/l

RT: 9.319 min Scan# 1230

Delta R.T. -0.000 min

Lab File: VY016499.D

Acq: 27 Nov 2023 10:06

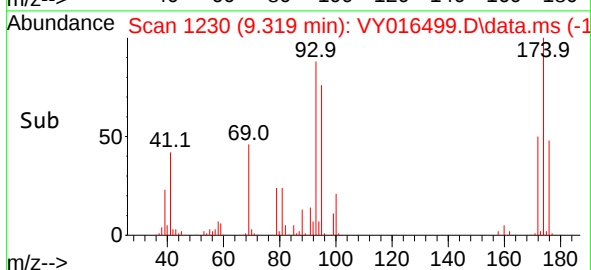
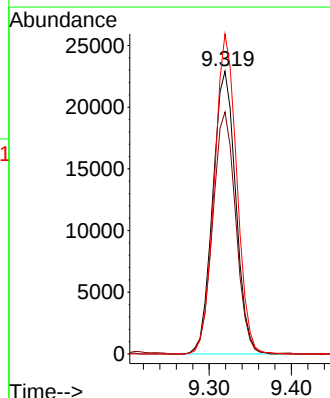
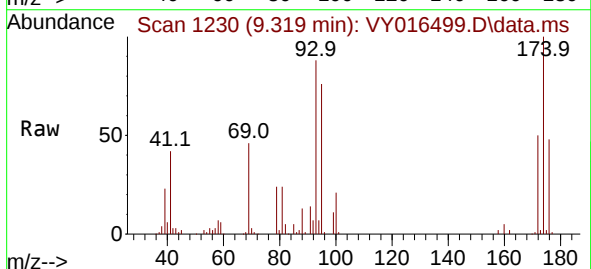
Tgt Ion: 93 Resp: 44451

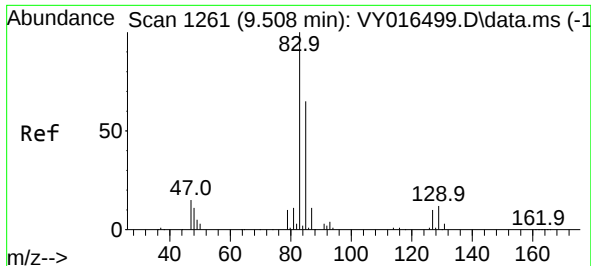
Ion Ratio Lower Upper

93 100

95 85.3 66.6 100.0

174 110.1 84.8 127.2





#47

Bromodichloromethane

Concen: 54.567 ug/l

RT: 9.508 min Scan# 1261

Delta R.T. -0.000 min

Lab File: VY016499.D

Acq: 27 Nov 2023 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	11254
Ion	Ratio	Lower	Upper
83	100		
85	65.2	50.1	75.1
127	9.7	7.1	10.7

Manual Integrations

APPROVED

Reviewed By :John

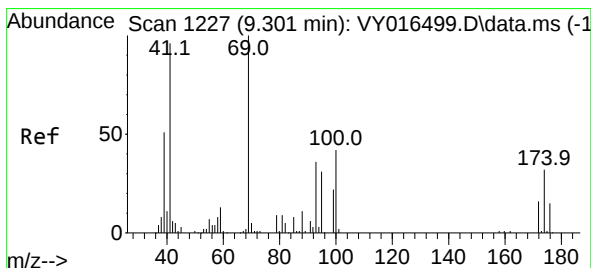
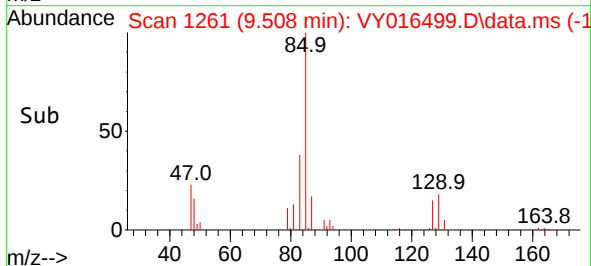
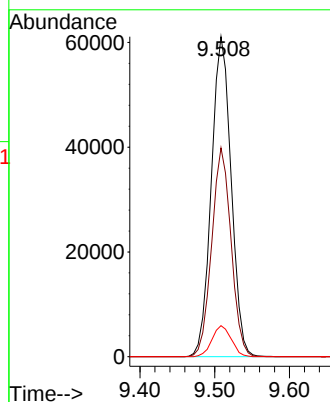
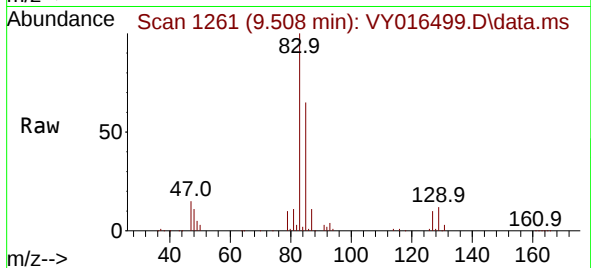
Carlone

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Supervised By :Mahesh

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#48

Methyl methacrylate

Concen: 47.735 ug/l

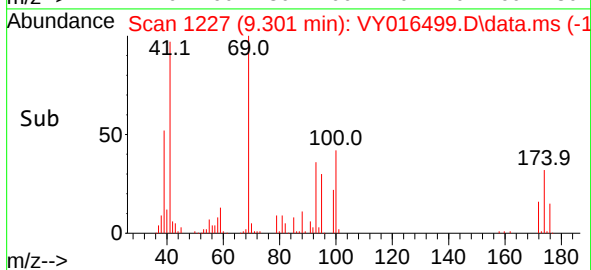
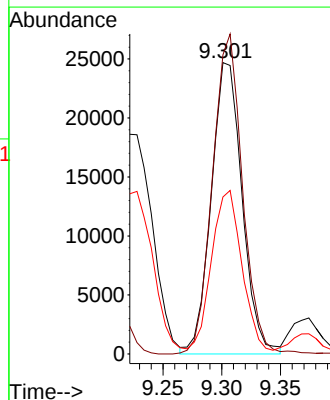
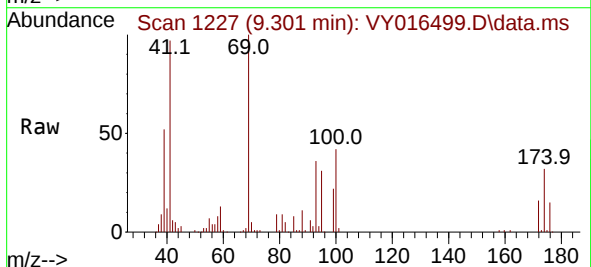
RT: 9.301 min Scan# 1227

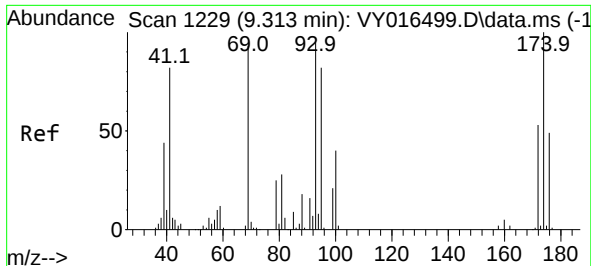
Delta R.T. -0.000 min

Lab File: VY016499.D

Acq: 27 Nov 2023 10:06

Tgt Ion:	41	Resp:	45207
Ion	Ratio	Lower	Upper
41	100		
69	106.5	64.5	96.7#
39	53.4	50.8	76.2





#49

1,4-Dioxane

Concen: 1105.692 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VY016499.D

Acq: 27 Nov 2023 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 941

Ion Ratio Lower Upper

88 100

43 27.6 0.0 0.0

58 57.0 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :John

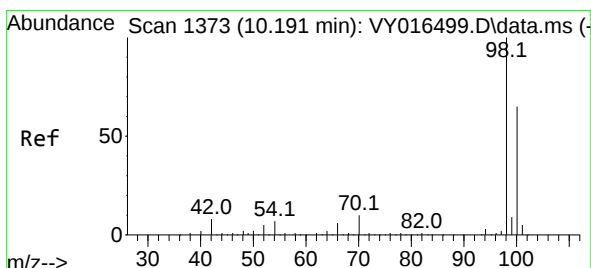
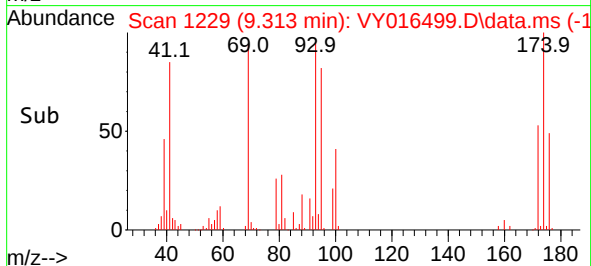
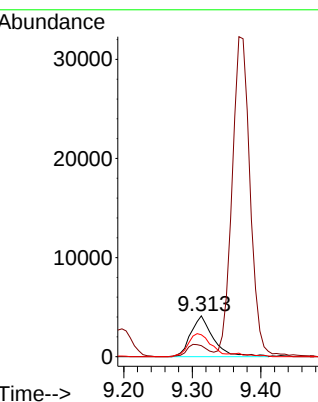
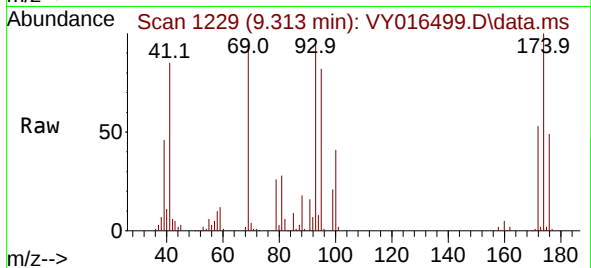
Carlone

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Supervised By :Mahesh

Dadoda

11/28/2023



#50

Toluene-d8

Concen: 48.713 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. -0.000 min

Lab File: VY016499.D

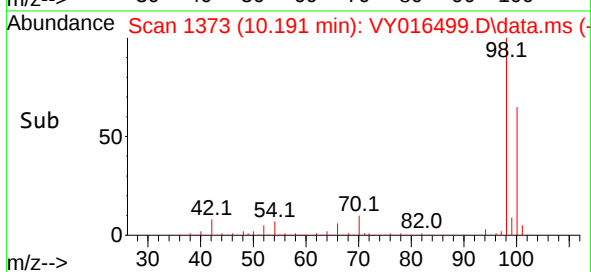
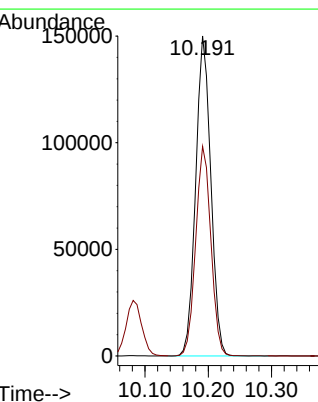
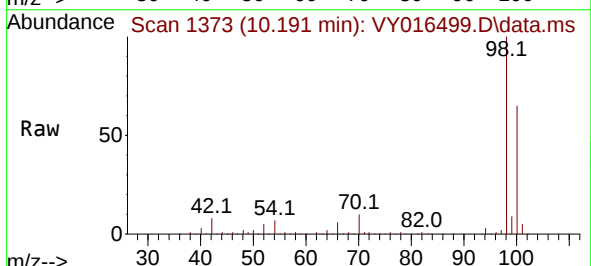
Acq: 27 Nov 2023 10:06

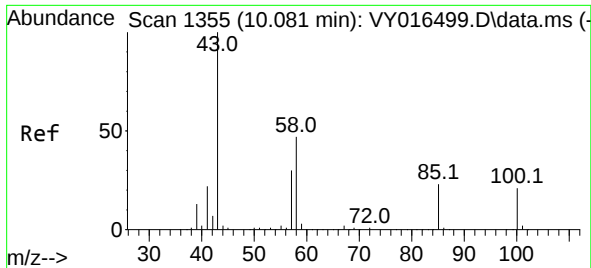
Tgt Ion: 98 Resp: 249602

Ion Ratio Lower Upper

98 100

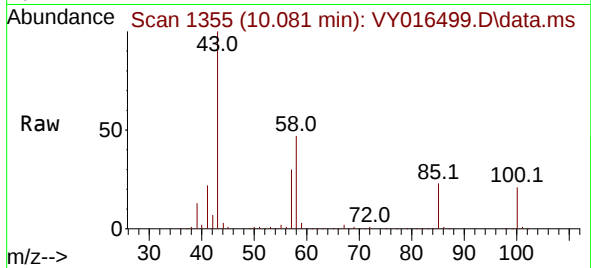
100 65.8 50.1 75.1





#51
4-Methyl-2-Pentanone
Concen: 236.058 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. -0.000 min
Lab File: VY016499.D
Acq: 27 Nov 2023 10:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

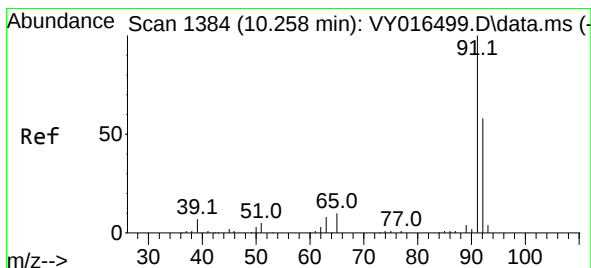
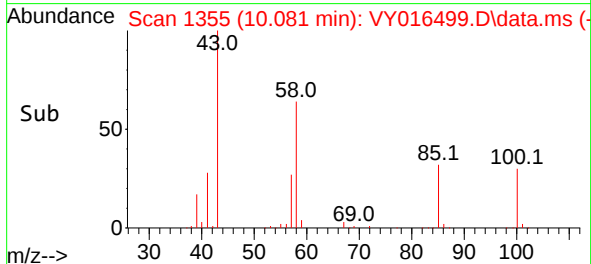
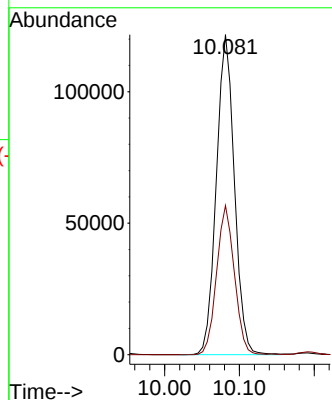


Tgt Ion: 43 Resp: 204549
Ion Ratio Lower Upper
43 100
58 46.0 29.0 43.6

Manual Integrations
APPROVED

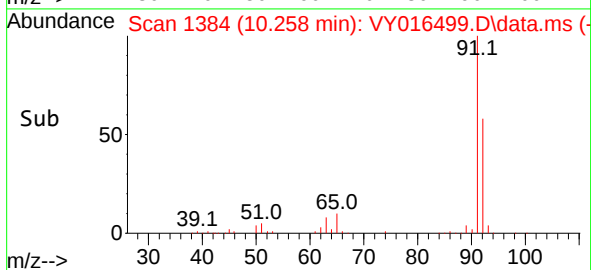
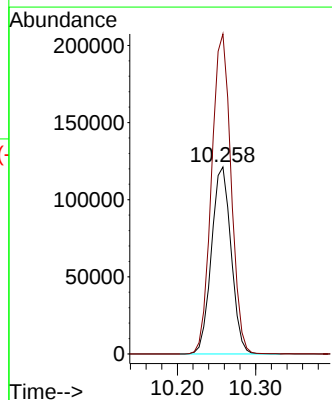
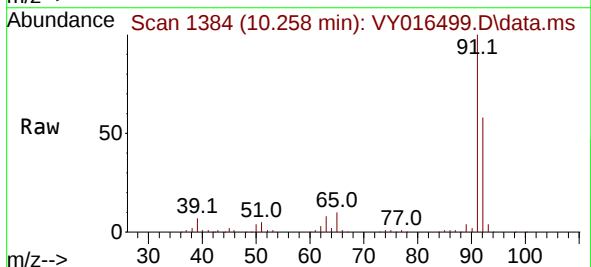
Reviewed By :John
Carlone
11/28/2023

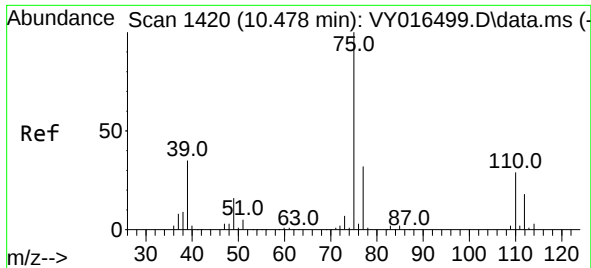
Supervised By :Mahesh
Dadoda
11/28/2023



#52
Toluene
Concen: 54.126 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VY016499.D
Acq: 27 Nov 2023 10:06

Tgt Ion: 92 Resp: 210904
Ion Ratio Lower Upper
92 100
91 170.0 143.8 215.6





#53
 t-1,3-Dichloropropene
 Concen: 54.529 ug/l
 RT: 10.478 min Scan# 1420
 Delta R.T. -0.000 min
 Lab File: VY016499.D
 Acq: 27 Nov 2023 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 109024
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.0 37.4

Manual Integrations
 APPROVED

Reviewed By :John

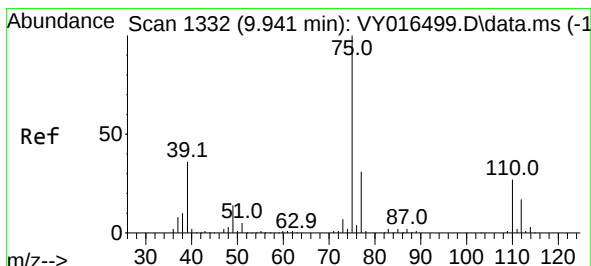
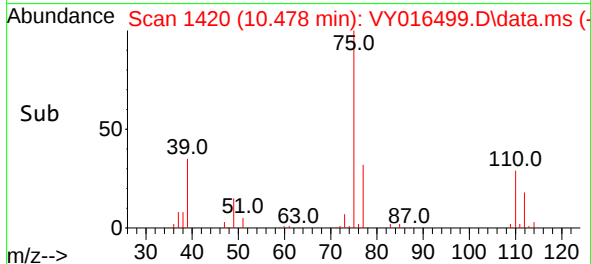
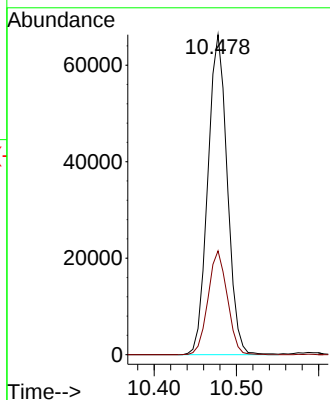
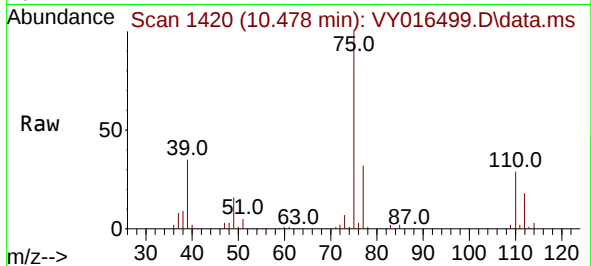
Carlone

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Supervised By :Mahesh

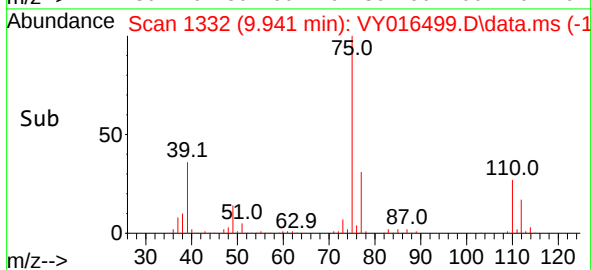
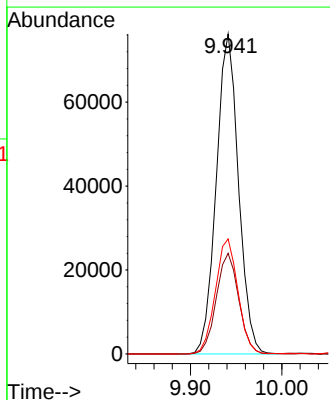
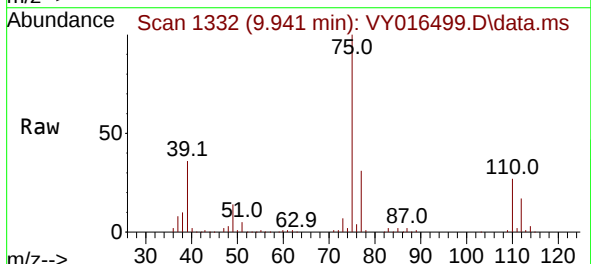
Dadoda

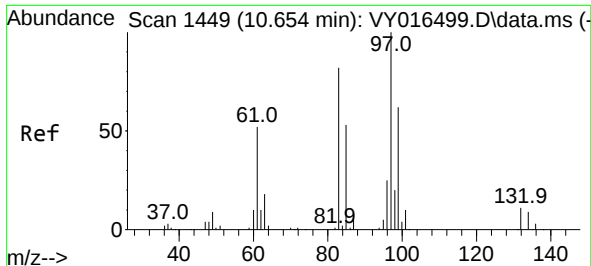
11/28/2023



#54
 cis-1,3-Dichloropropene
 Concen: 53.994 ug/l
 RT: 9.941 min Scan# 1332
 Delta R.T. -0.000 min
 Lab File: VY016499.D
 Acq: 27 Nov 2023 10:06

Tgt Ion: 75 Resp: 128940
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.2 36.4
 39 35.9 42.2 63.4#





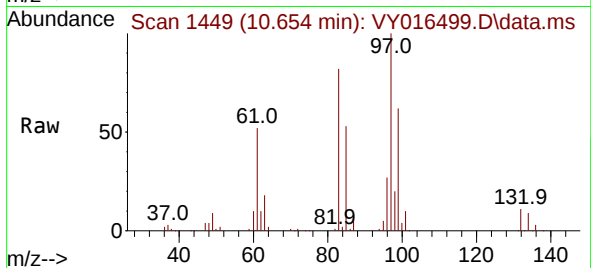
#55
1,1,2-Trichloroethane
Concen: 56.969 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. -0.000 min
Lab File: VY016499.D
Acq: 27 Nov 2023 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050



Tgt Ion:	97	Resp:	6299
Ion Ratio	100	Lower	Upper
97	100		
83	82.0	72.0	108.0
85	52.9	45.4	68.0
99	61.9	50.3	75.5

Manual Integrations
APPROVED

Reviewed By :John

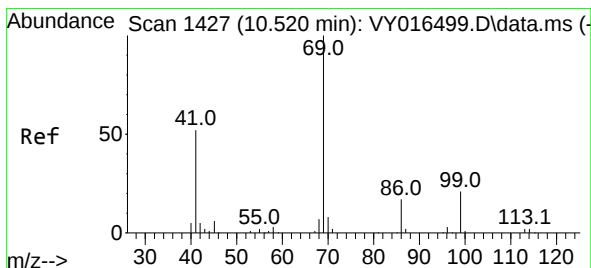
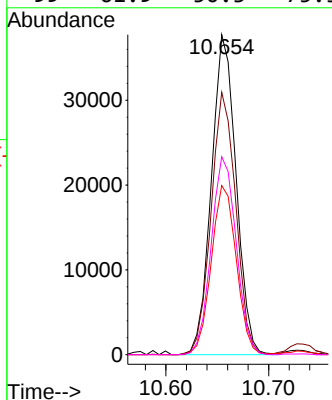
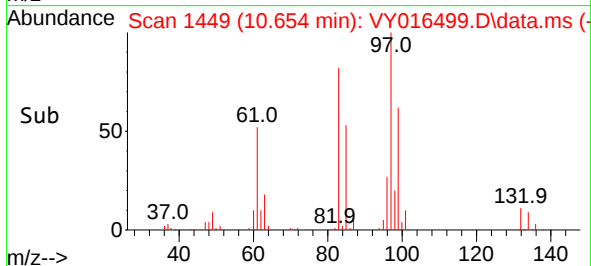
Carlone

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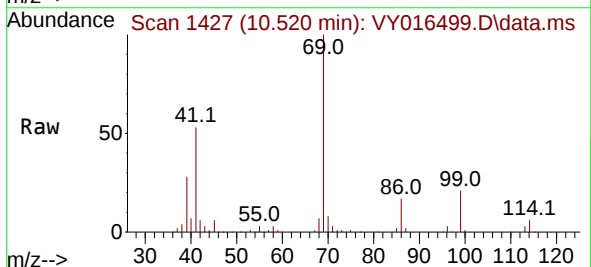
Supervised By :Mahesh

Dadoda

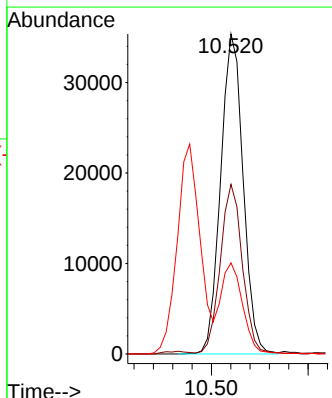
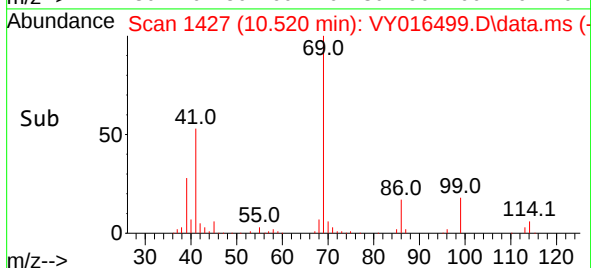
11/28/2023

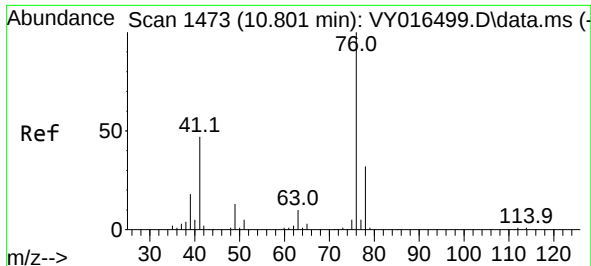


#56
Ethyl methacrylate
Concen: 54.553 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VY016499.D
Acq: 27 Nov 2023 10:06



Tgt Ion:	69	Resp:	56941
Ion Ratio	100	Lower	Upper
69	100		
41	52.4	57.6	86.4#
39	27.7	34.1	51.1#





#57

1,3-Dichloropropane

Concen: 55.246 ug/l

RT: 10.801 min Scan# 1473

Delta R.T. -0.000 min

Lab File: VY016499.D

Acq: 27 Nov 2023 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 104120

Ion Ratio Lower Upper

76 100

78 32.2 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John

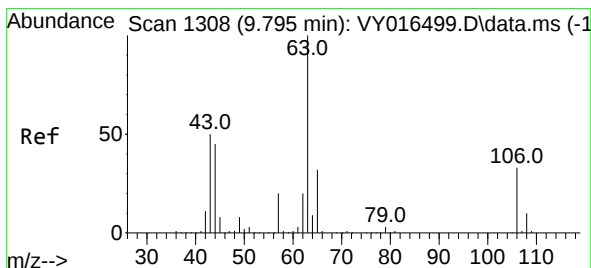
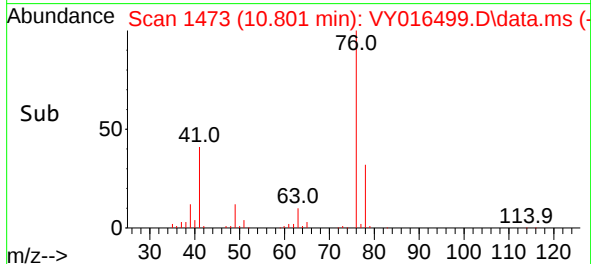
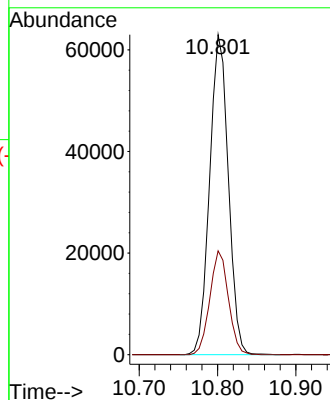
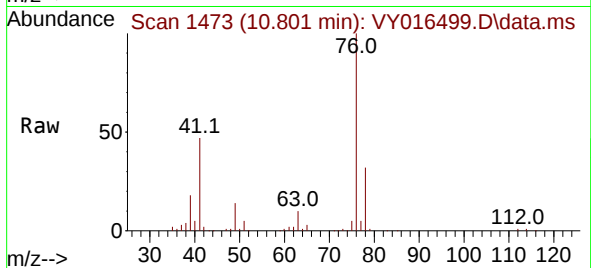
Carlone

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Supervised By :Mahesh

Dadoda

11/28/2023



#58

2-Chloroethyl Vinyl ether

Concen: 252.997 ug/l

RT: 9.795 min Scan# 1308

Delta R.T. -0.000 min

Lab File: VY016499.D

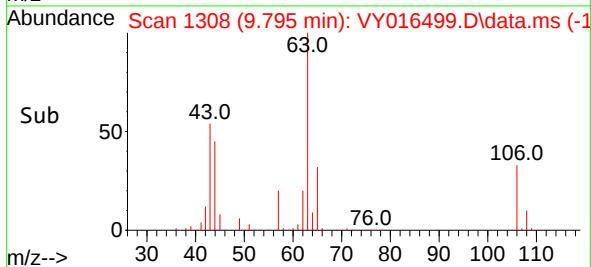
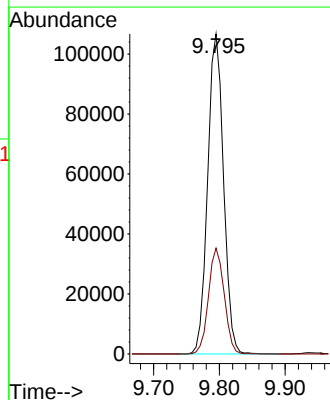
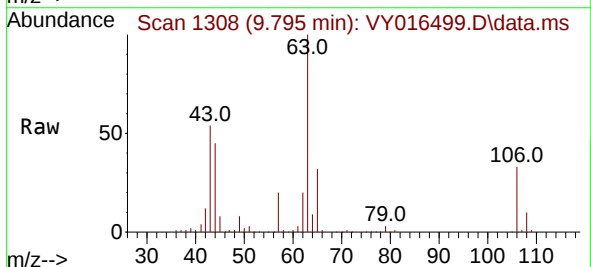
Acq: 27 Nov 2023 10:06

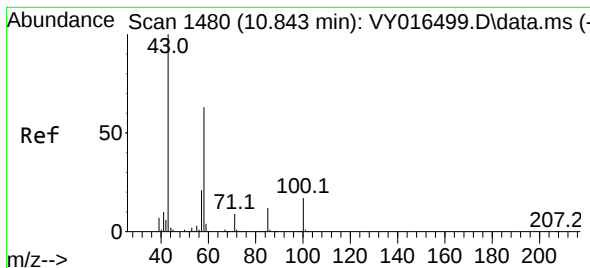
Tgt Ion: 63 Resp: 179057

Ion Ratio Lower Upper

63 100

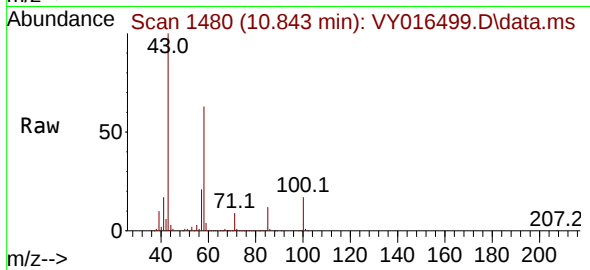
106 32.8 21.2 31.8#





#59
2-Hexanone
Concen: 236.276 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. -0.000 min
Lab File: VY016499.D
Acq: 27 Nov 2023 10:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

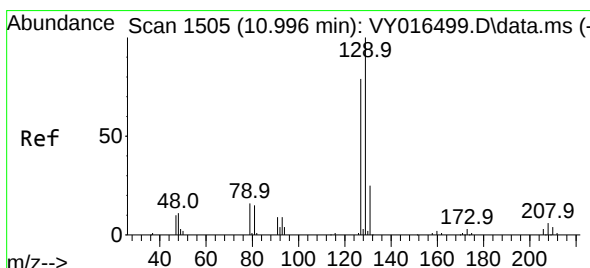
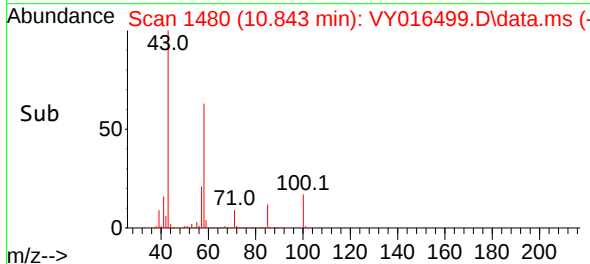
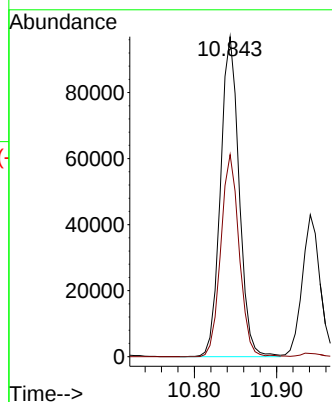


Tgt Ion: 43 Resp: 152289
Ion Ratio Lower Upper
43 100
58 62.4 25.1 75.3

Manual Integrations
APPROVED

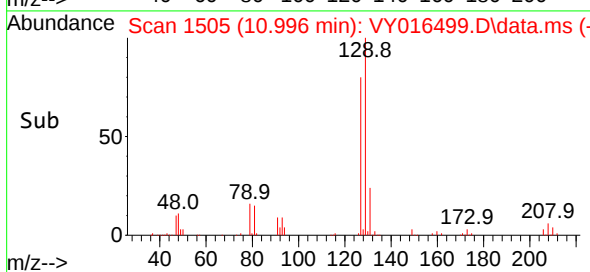
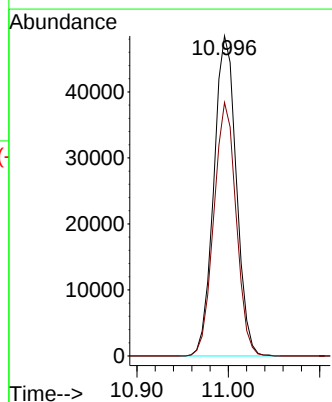
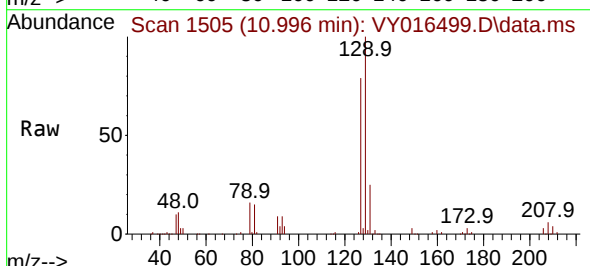
Reviewed By :John
Carlone
11/28/2023

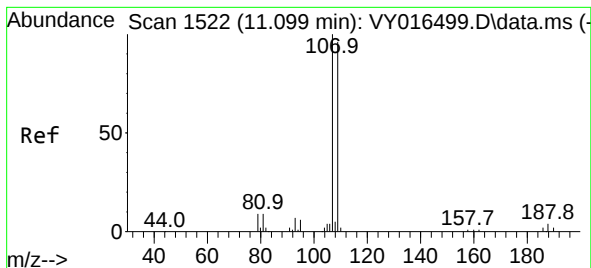
Supervised By :Mahesh
Dadoda
11/28/2023



#60
Dibromochloromethane
Concen: 59.856 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. -0.000 min
Lab File: VY016499.D
Acq: 27 Nov 2023 10:06

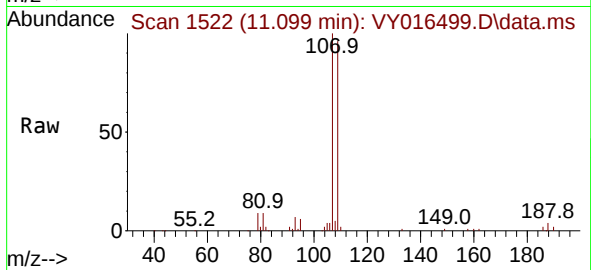
Tgt Ion:129 Resp: 82773
Ion Ratio Lower Upper
129 100
127 78.7 38.5 115.5





#61
1,2-Dibromoethane
Concen: 57.261 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VY016499.D
Acq: 27 Nov 2023 10:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

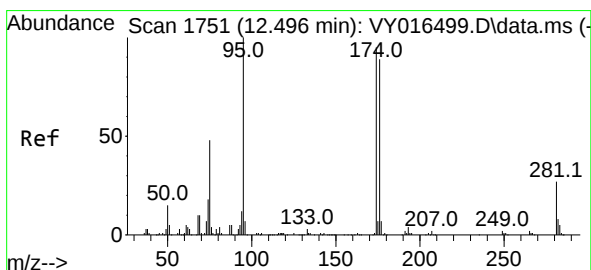
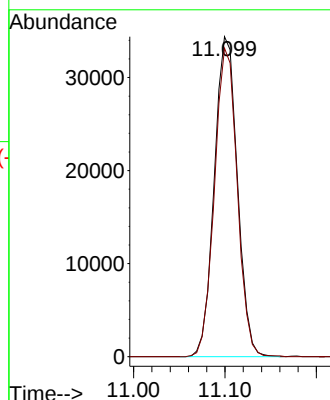


Tgt Ion:107 Resp: 60320
Ion Ratio Lower Upper
107 100
109 95.2 75.6 113.4

Manual Integrations
APPROVED

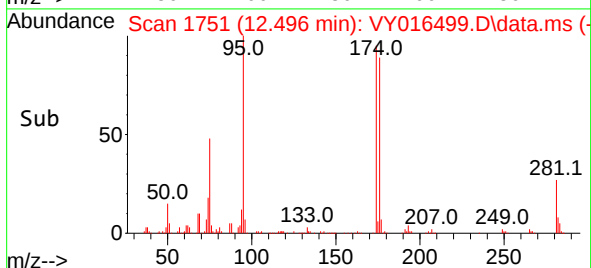
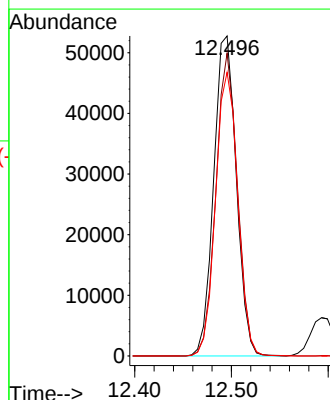
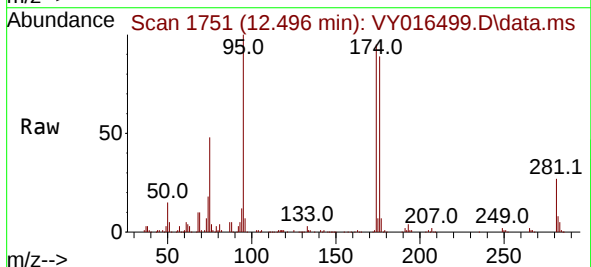
Reviewed By :John
Carlone
11/28/2023

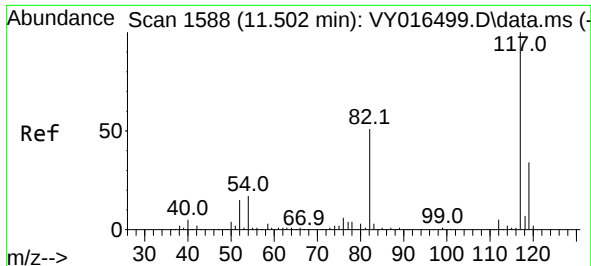
Supervised By :Mahesh
Dadoda
11/28/2023



#62
4-Bromofluorobenzene
Concen: 51.479 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016499.D
Acq: 27 Nov 2023 10:06

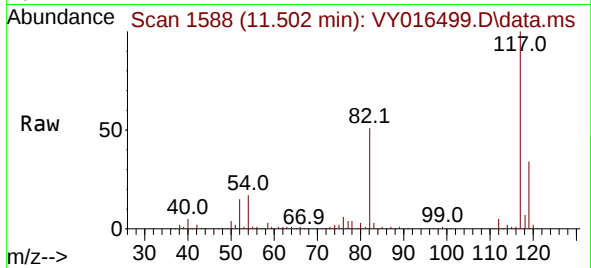
Tgt Ion: 95 Resp: 85671
Ion Ratio Lower Upper
95 100
174 90.1 0.0 178.2
176 87.1 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1158
Delta R.T. -0.000 min
Lab File: VY016499.D
Acq: 27 Nov 2023 10:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

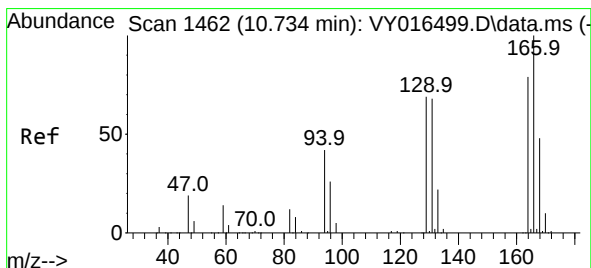
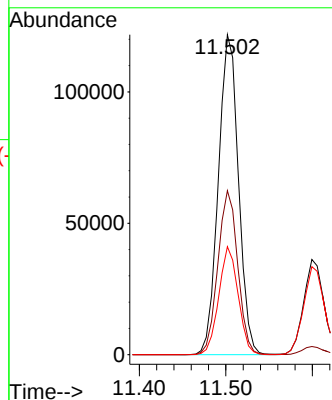


Tgt Ion:117 Resp: 19654
Ion Ratio Lower Upper
117 100
82 51.3 43.4 65.0
119 33.7 26.3 39.5

Manual Integrations
APPROVED

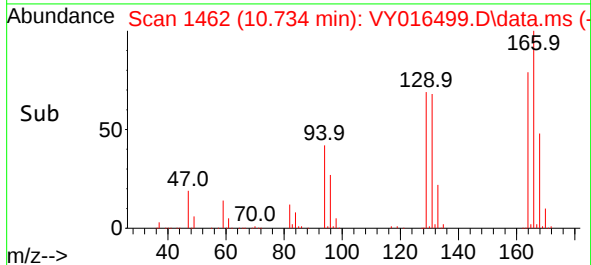
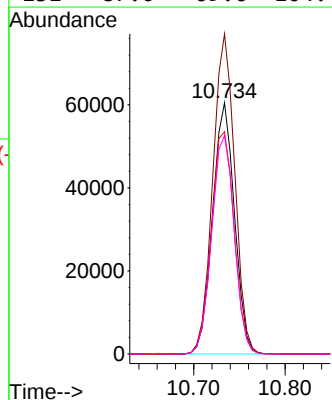
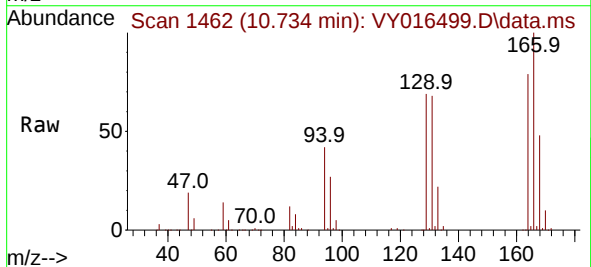
Reviewed By :John
Carlone
11/28/2023

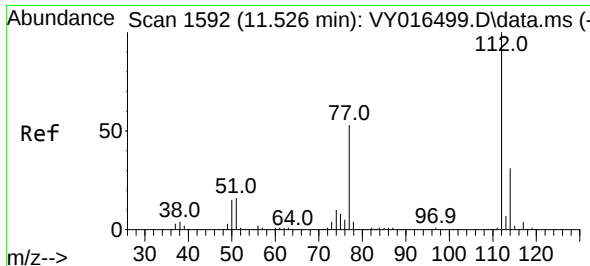
Supervised By :Mahesh
Dadoda
11/28/2023



#64
Tetrachloroethene
Concen: 57.162 ug/l
RT: 10.734 min Scan# 1462
Delta R.T. 0.006 min
Lab File: VY016499.D
Acq: 27 Nov 2023 10:06

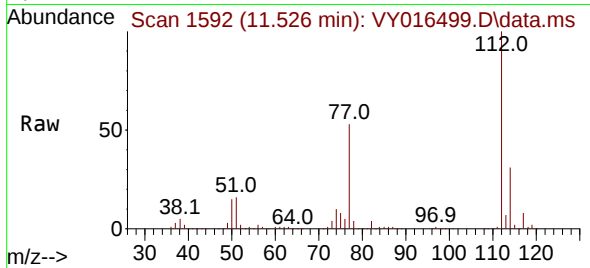
Tgt Ion:164 Resp: 100879
Ion Ratio Lower Upper
164 100
166 127.4 103.0 154.6
129 88.4 77.2 115.8
131 87.0 69.6 104.4





#65
Chlorobenzene
Concen: 54.796 ug/l
RT: 11.526 min Scan# 1592
Delta R.T. -0.000 min
Lab File: VY016499.D
Acq: 27 Nov 2023 10:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

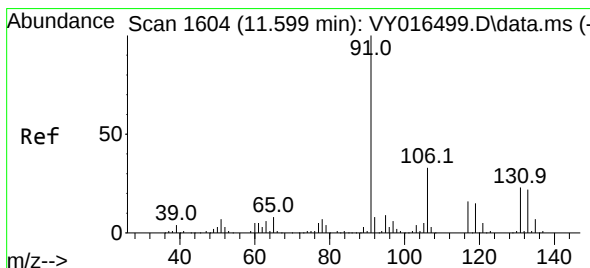
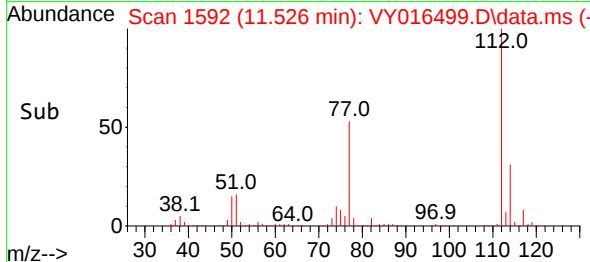
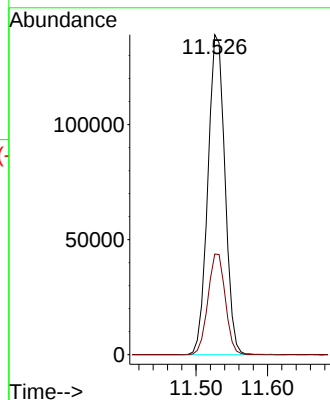


Tgt Ion:112 Resp: 23010
Ion Ratio Lower Upper
112 100
114 31.5 25.5 38.3

Manual Integrations
APPROVED

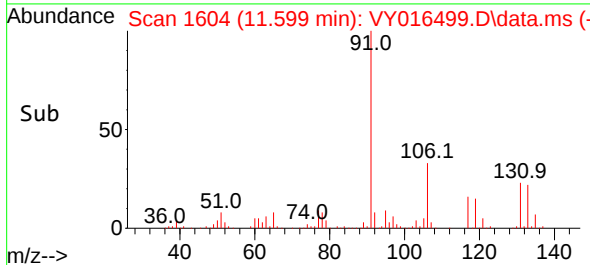
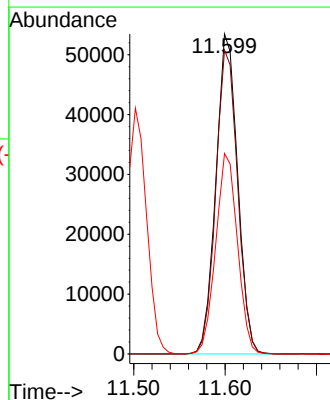
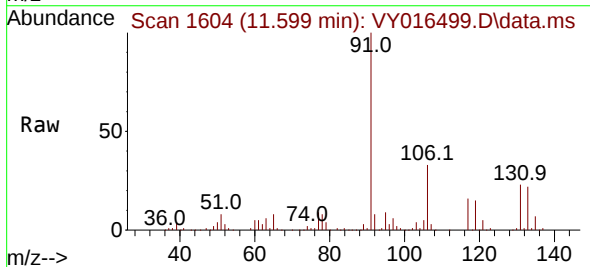
Reviewed By :John
Carlone
11/28/2023

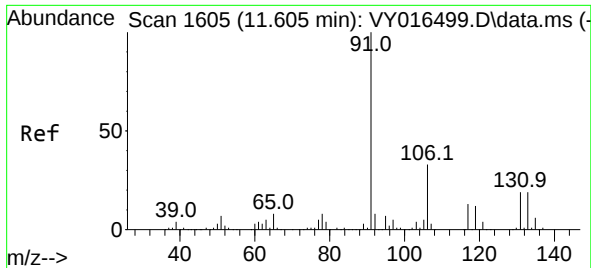
Supervised By :Mahesh
Dadoda
11/28/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 57.080 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. -0.000 min
Lab File: VY016499.D
Acq: 27 Nov 2023 10:06

Tgt Ion:131 Resp: 88407
Ion Ratio Lower Upper
131 100
133 95.7 47.5 142.6
119 62.9 31.6 94.7





#67
Ethyl Benzene
Concen: 53.036 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.006 min
Lab File: VY016499.D
Acq: 27 Nov 2023 10:06

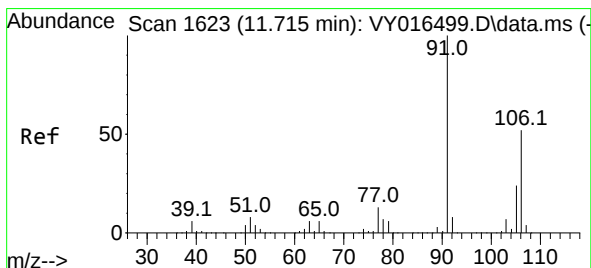
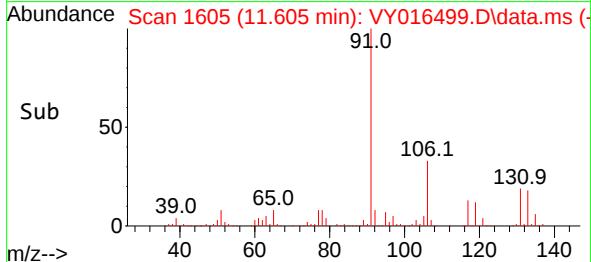
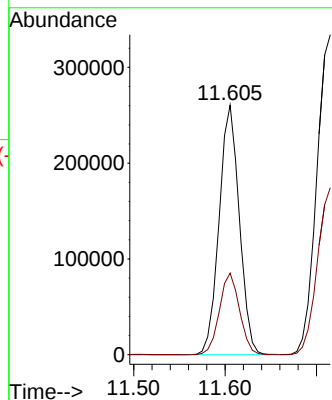
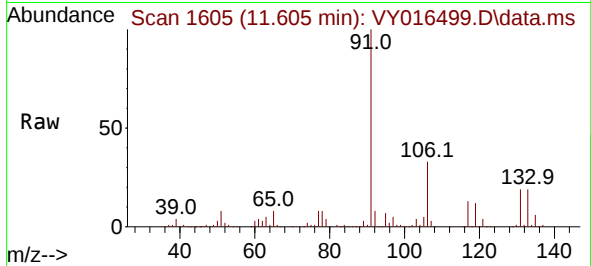
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 40025
Ion Ratio Lower Upper
91 100
106 32.7 24.6 36.8

Manual Integrations
APPROVED

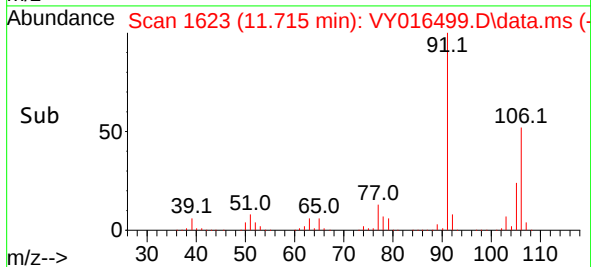
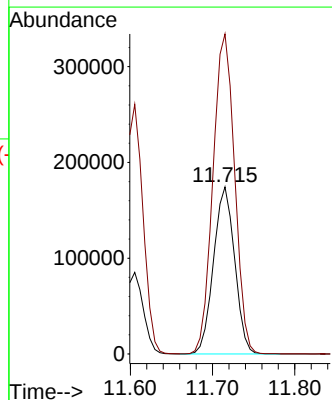
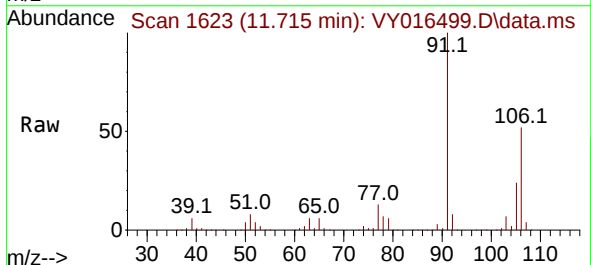
Reviewed By :John
Carlone
11/28/2023

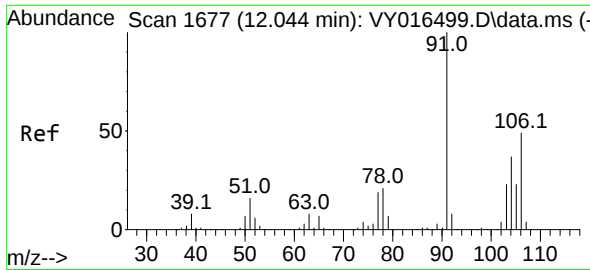
Supervised By :Mahesh
Dadoda
11/28/2023



#68
m/p-Xylenes
Concen: 108.895 ug/l
RT: 11.715 min Scan# 1623
Delta R.T. -0.000 min
Lab File: VY016499.D
Acq: 27 Nov 2023 10:06

Tgt Ion:106 Resp: 311703
Ion Ratio Lower Upper
106 100
91 196.8 166.1 249.1





#69
o-Xylene
Concen: 55.504 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VY016499.D
Acq: 27 Nov 2023 10:06

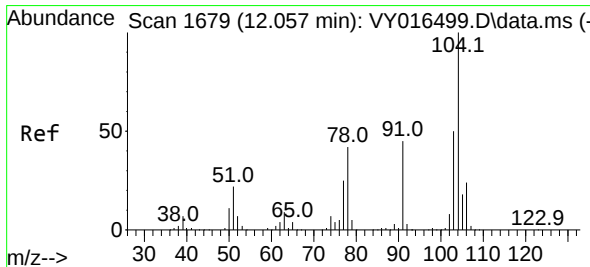
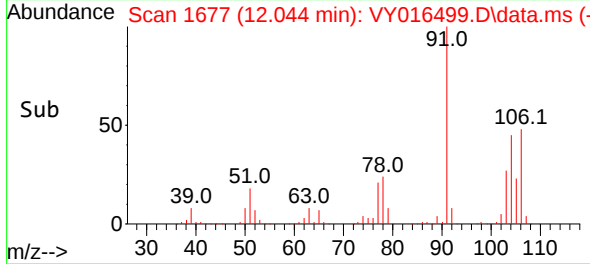
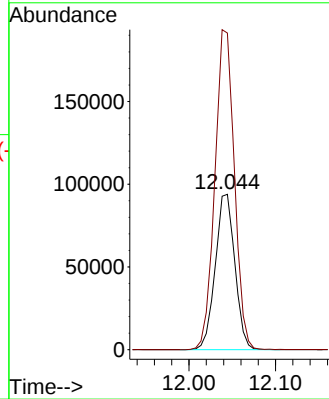
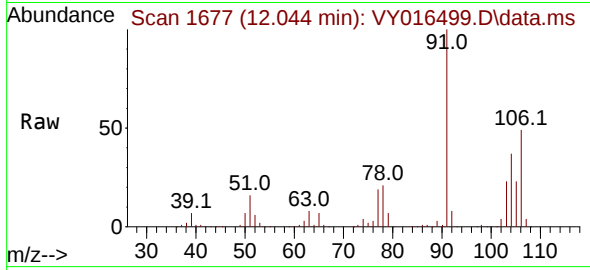
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 147510
Ion Ratio Lower Upper
106 100
91 205.5 108.1 324.3

Manual Integrations
APPROVED

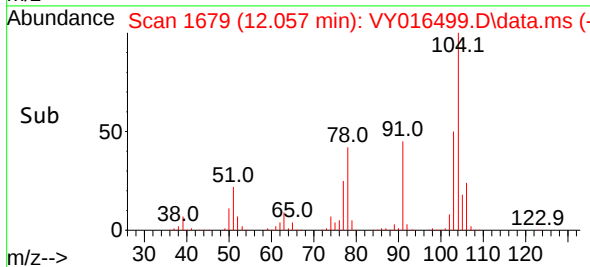
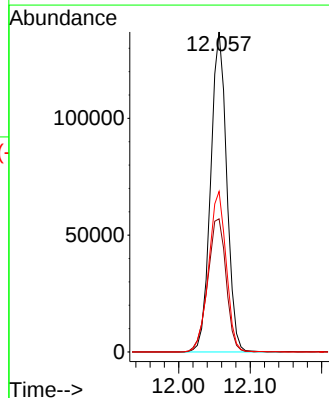
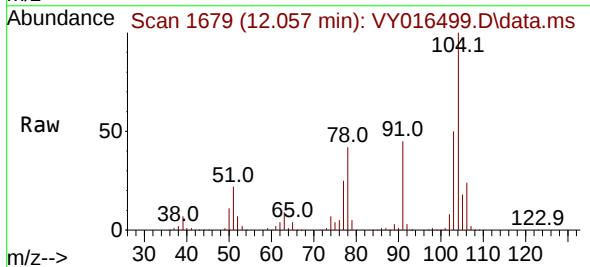
Reviewed By :John
Carlone
11/28/2023

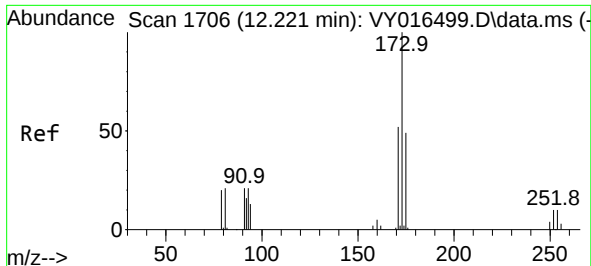
Supervised By :Mahesh
Dadoda
11/28/2023



#70
Styrene
Concen: 56.218 ug/l
RT: 12.057 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY016499.D
Acq: 27 Nov 2023 10:06

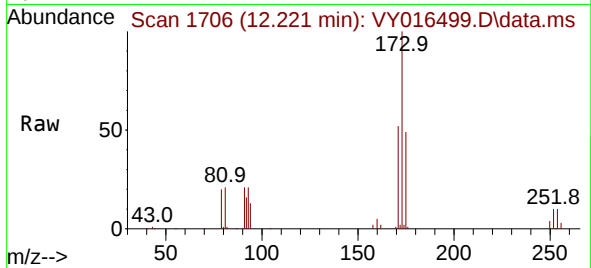
Tgt Ion:104 Resp: 213938
Ion Ratio Lower Upper
104 100
78 47.7 41.5 62.3
103 54.7 44.6 67.0





#71
Bromoform
Concen: 61.362 ug/l
RT: 12.221 min Scan# 1706
Delta R.T. 0.006 min
Lab File: VY016499.D
Acq: 27 Nov 2023 10:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

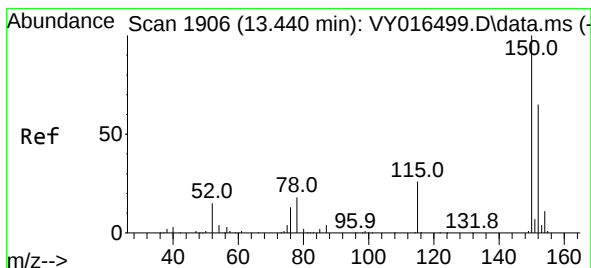
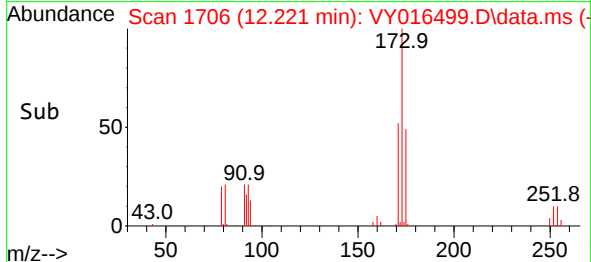
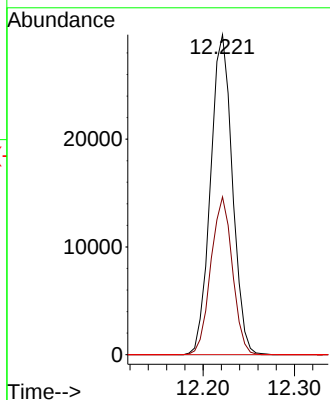


Tgt Ion:173 Resp: 49315
Ion Ratio Lower Upper
173 100
175 48.5 24.6 73.8
254 0.0 0.2 0.2

Manual Integrations
APPROVED

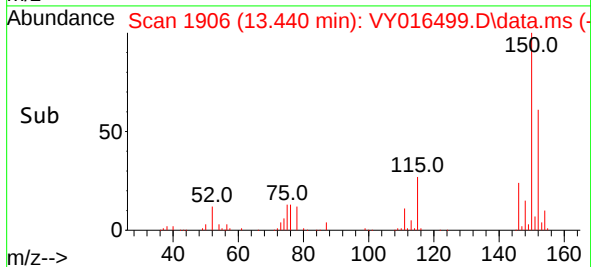
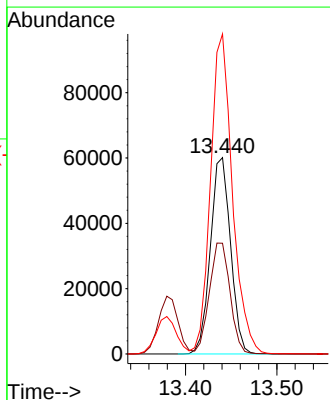
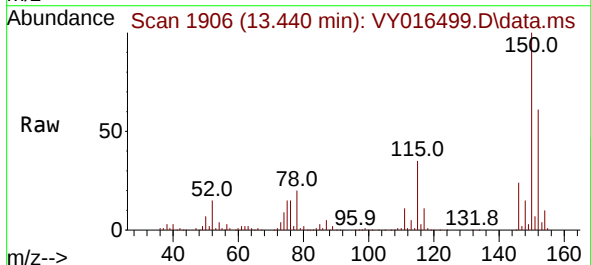
Reviewed By :John
Carlone
11/28/2023

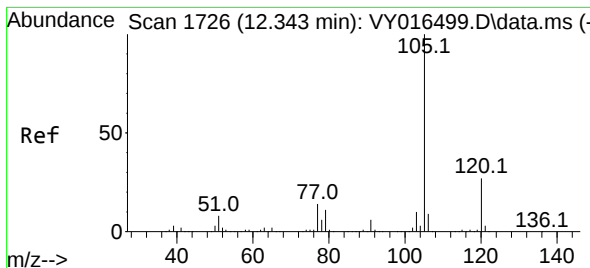
Supervised By :Mahesh
Dadoda
11/28/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY016499.D
Acq: 27 Nov 2023 10:06

Tgt Ion:152 Resp: 92098
Ion Ratio Lower Upper
152 100
115 57.8 28.8 86.5
150 177.1 0.0 348.8





#73

Isopropylbenzene

Concen: 53.364 ug/l

RT: 12.343 min Scan# 1726

Delta R.T. 0.006 min

Lab File: VY016499.D

Acq: 27 Nov 2023 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 39798

Ion Ratio Lower Upper

105 100

120 27.2 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :John

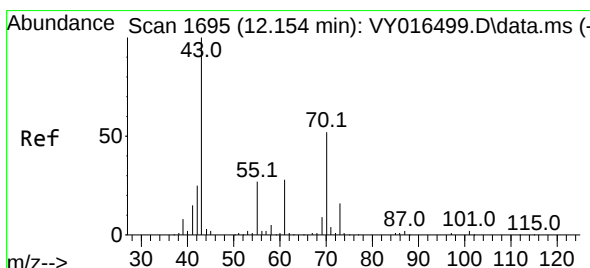
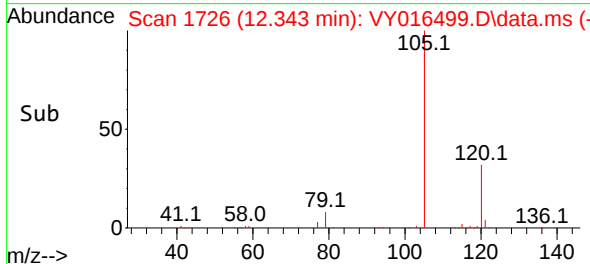
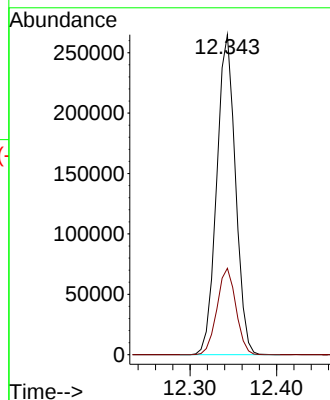
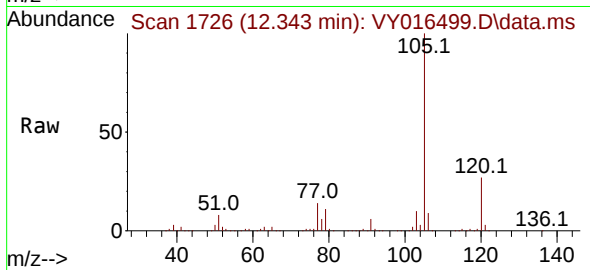
Carlone

11/28/2023

Supervised By :Mahesh

Dadoda

11/28/2023



#74

N-ethyl acetate

Concen: 43.637 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. -0.000 min

Lab File: VY016499.D

Acq: 27 Nov 2023 10:06

Tgt Ion: 43 Resp: 65369

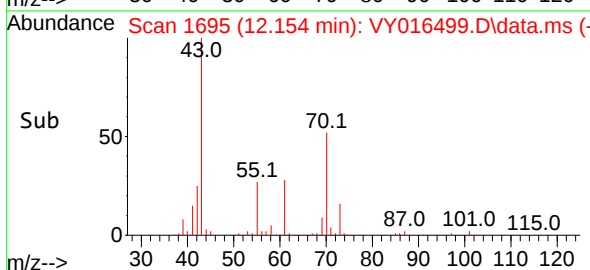
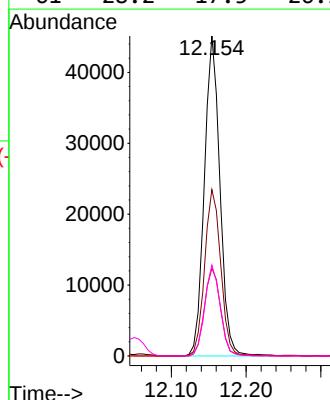
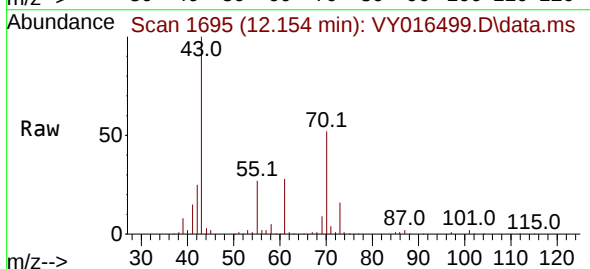
Ion Ratio Lower Upper

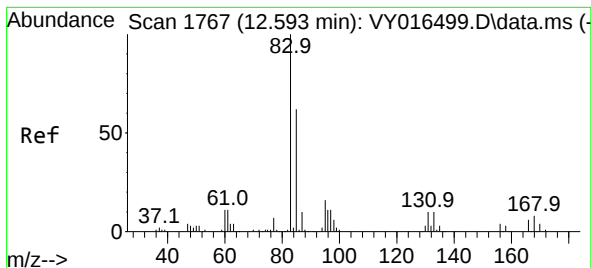
43 100

70 53.7 29.7 44.5#

55 28.4 18.3 27.5#

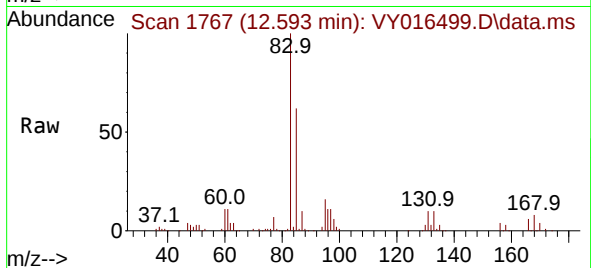
61 28.2 17.5 26.3#





#75
1,1,2,2-Tetrachloroethane
Concen: 53.041 ug/l
RT: 12.593 min Scan# 1767
Delta R.T. -0.000 min
Lab File: VY016499.D
Acq: 27 Nov 2023 10:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

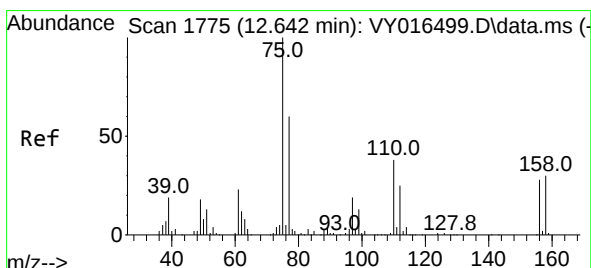
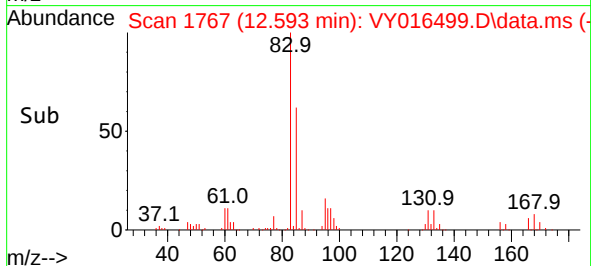
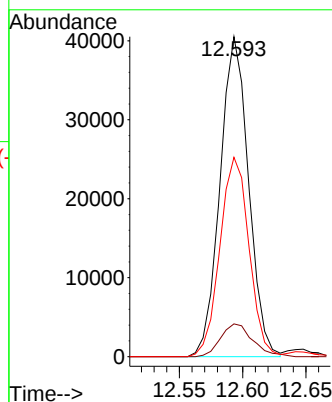


Tgt Ion: 83 Resp: 63475
Ion Ratio Lower Upper
83 100
131 11.5 5.4 16.2
85 63.5 31.8 95.4

Manual Integrations
APPROVED

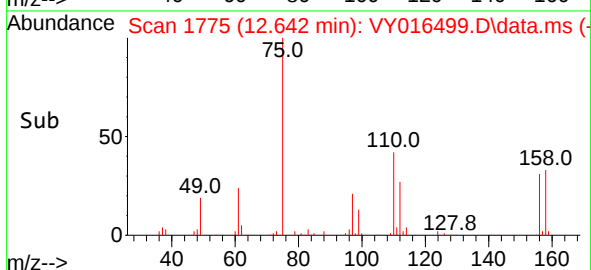
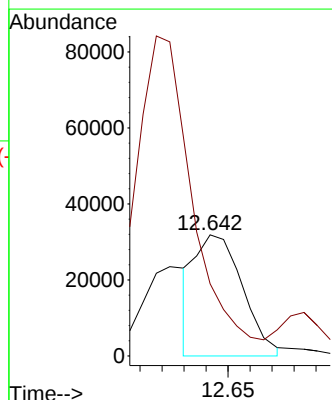
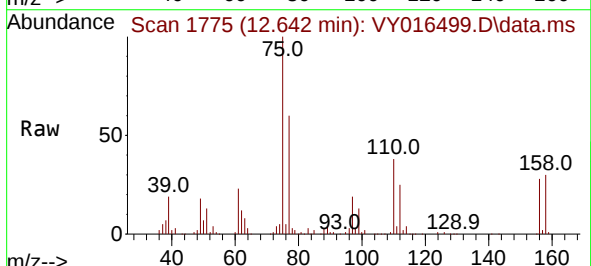
Reviewed By :John
Carlone
11/28/2023

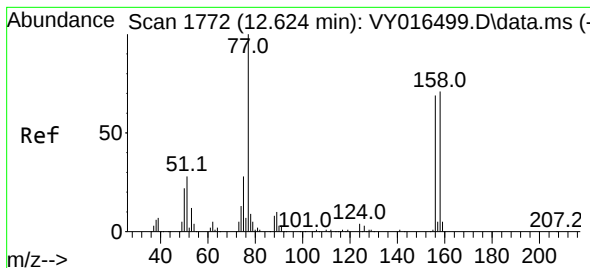
Supervised By :Mahesh
Dadoda
11/28/2023



#76
1,2,3-Trichloropropane
Concen: 54.271 ug/l m
RT: 12.642 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VY016499.D
Acq: 27 Nov 2023 10:06

Tgt Ion: 75 Resp: 47948
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 55.631 ug/l

RT: 12.624 min Scan# 1772

Delta R.T. 0.006 min

Lab File: VY016499.D

Acq: 27 Nov 2023 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 93770

Ion	Ratio	Lower	Upper
156	100		
77	163.3	92.8	278.6
158	98.7	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John

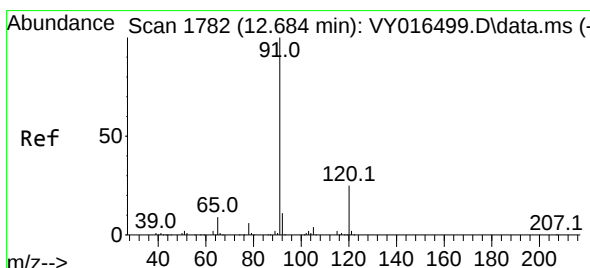
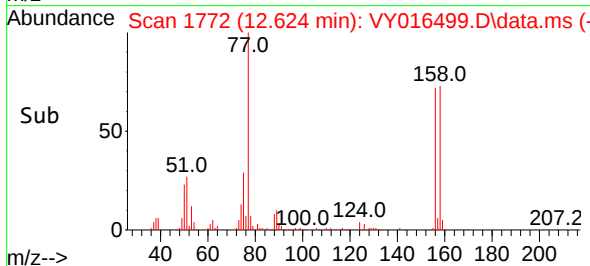
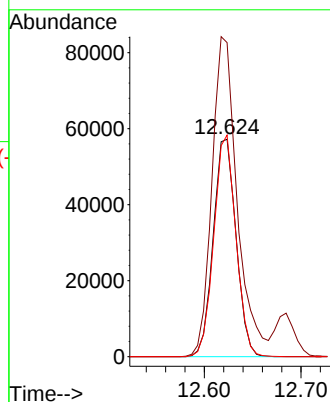
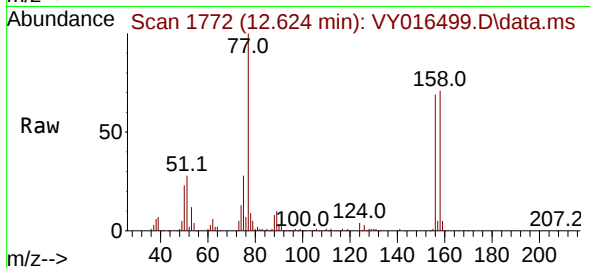
Carlone

11/28/2023

Supervised By :Mahesh

Dadoda

11/28/2023



#78

n-propylbenzene

Concen: 51.478 ug/l

RT: 12.684 min Scan# 1782

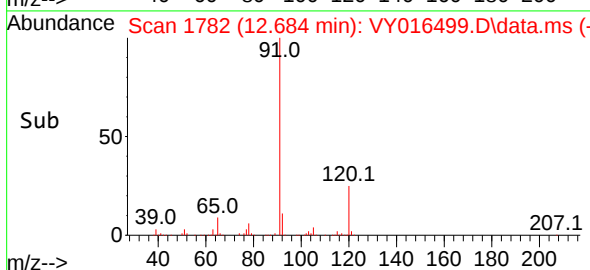
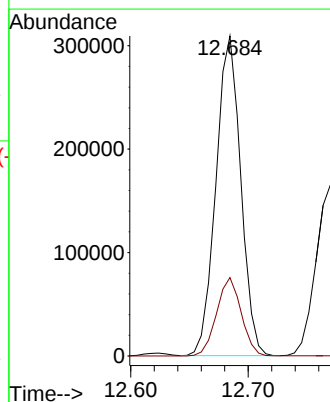
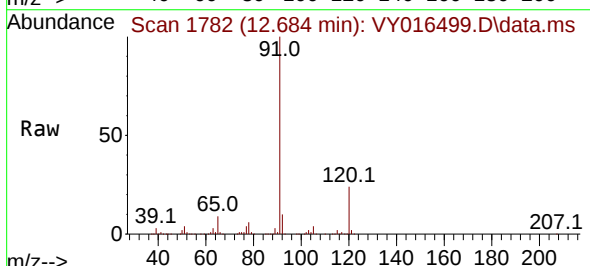
Delta R.T. 0.006 min

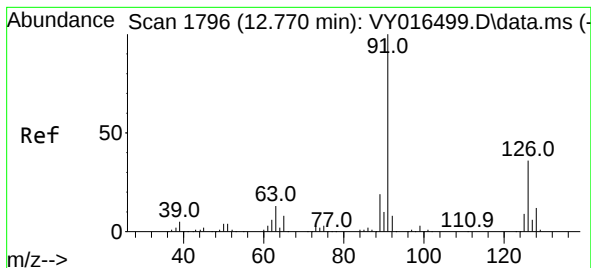
Lab File: VY016499.D

Acq: 27 Nov 2023 10:06

Tgt Ion: 91 Resp: 453714

Ion	Ratio	Lower	Upper
91	100		
120	24.3	11.5	34.4





#79
2-Chlorotoluene
Concen: 52.535 ug/l
RT: 12.770 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VY016499.D
Acq: 27 Nov 2023 10:06

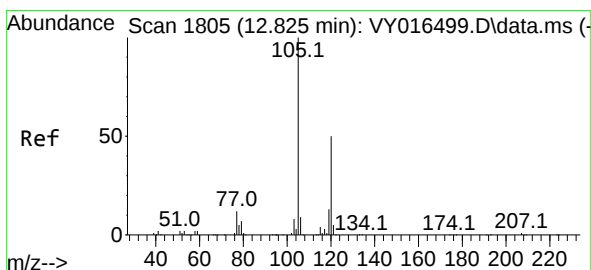
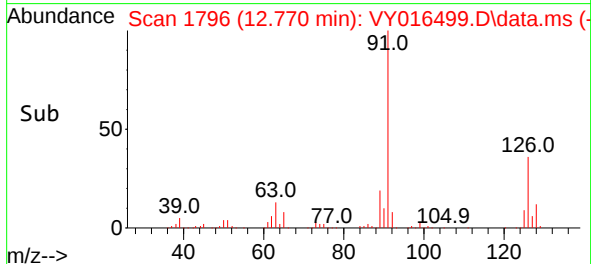
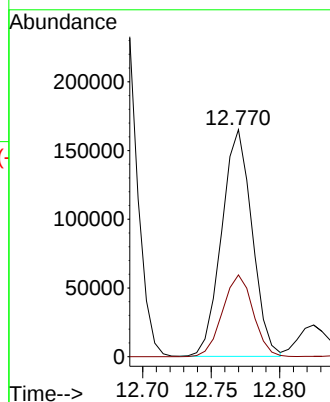
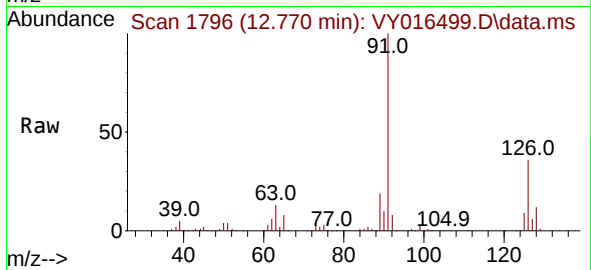
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 255179
Ion Ratio Lower Upper
91 100
126 36.2 17.3 51.7

Manual Integrations
APPROVED

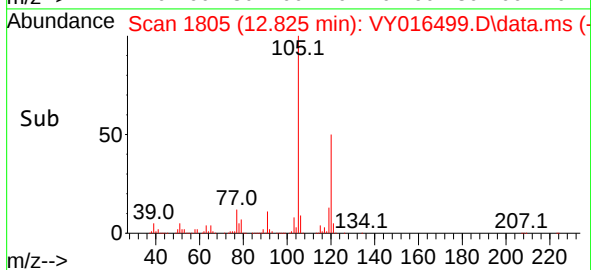
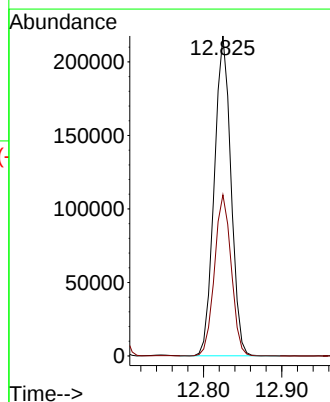
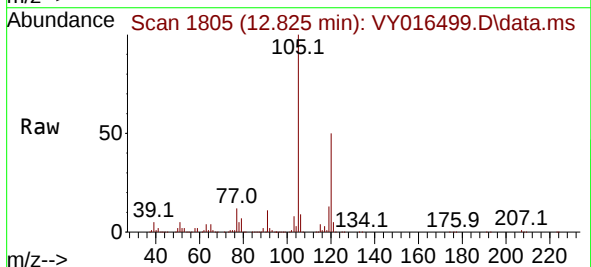
Reviewed By :John
Carlone
11/28/2023

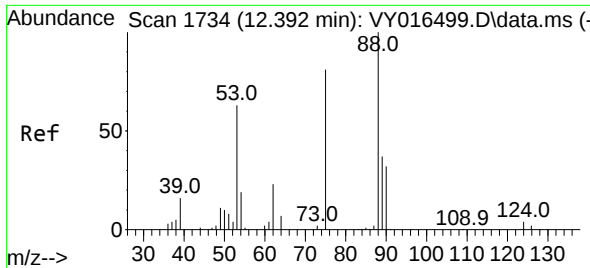
Supervised By :Mahesh
Dadoda
11/28/2023



#80
1,3,5-Trimethylbenzene
Concen: 53.512 ug/l
RT: 12.825 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VY016499.D
Acq: 27 Nov 2023 10:06

Tgt Ion:105 Resp: 321765
Ion Ratio Lower Upper
105 100
120 50.5 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 53.810 ug/l
RT: 12.392 min Scan# 1734
Delta R.T. 0.006 min
Lab File: VY016499.D
Acq: 27 Nov 2023 10:06

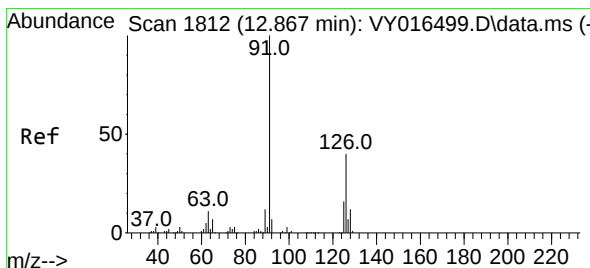
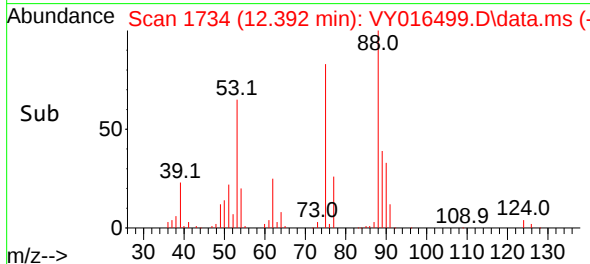
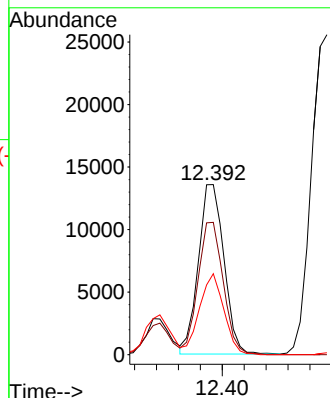
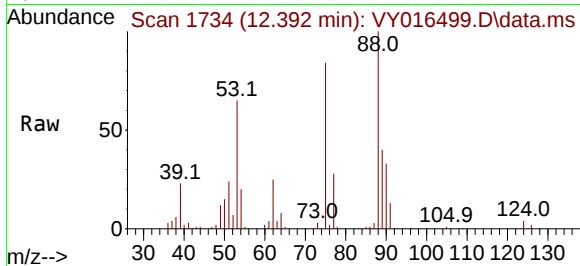
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 2190
Ion Ratio Lower Upper
75 100
53 77.5 77.8 116.8
89 46.0 37.4 56.0

Manual Integrations
APPROVED

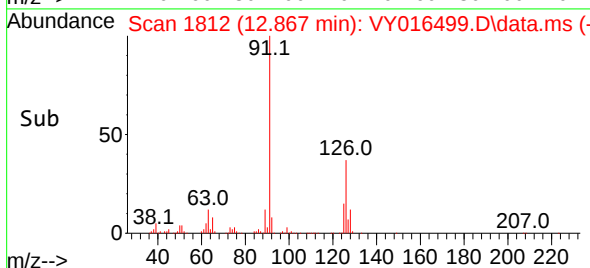
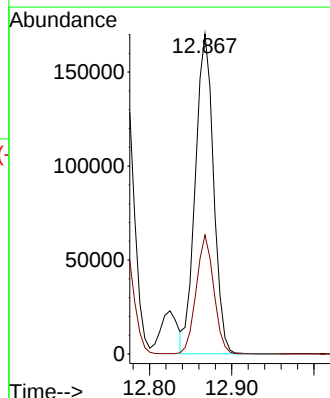
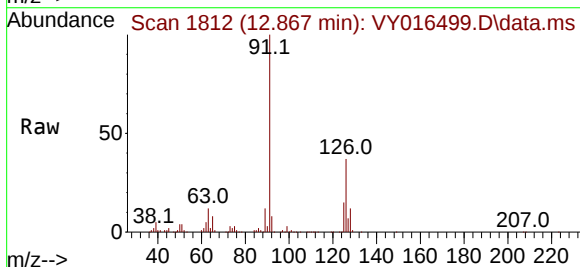
Reviewed By :John
Carlone
11/28/2023

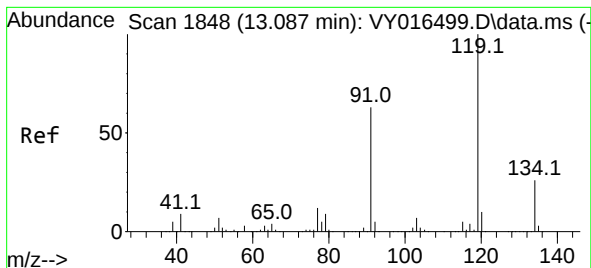
Supervised By :Mahesh
Dadoda
11/28/2023



#82
4-Chlorotoluene
Concen: 52.072 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY016499.D
Acq: 27 Nov 2023 10:06

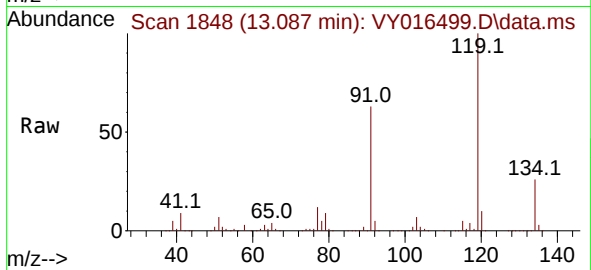
Tgt Ion: 91 Resp: 261348
Ion Ratio Lower Upper
91 100
126 36.0 17.2 51.6





#83
tert-Butylbenzene
Concen: 53.399 ug/l
RT: 13.087 min Scan# 1848
Delta R.T. 0.006 min
Lab File: VY016499.D
Acq: 27 Nov 2023 10:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

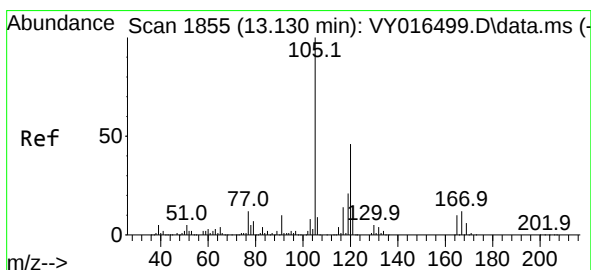
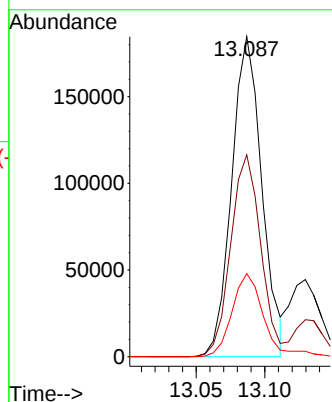


Tgt Ion:119 Resp: 282810
Ion Ratio Lower Upper
119 100
91 62.7 32.9 98.6
134 27.2 13.0 38.9

Manual Integrations
APPROVED

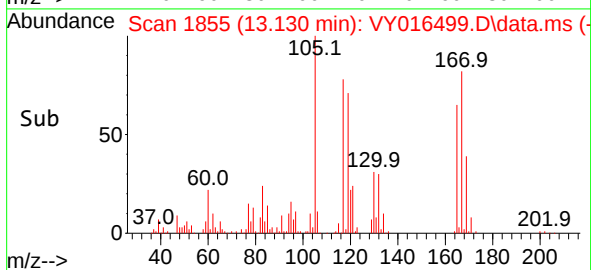
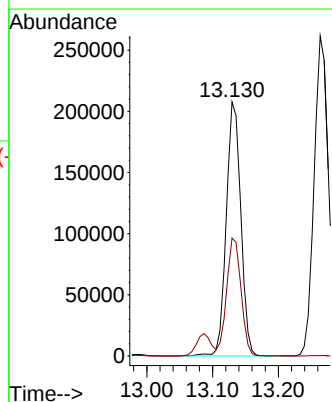
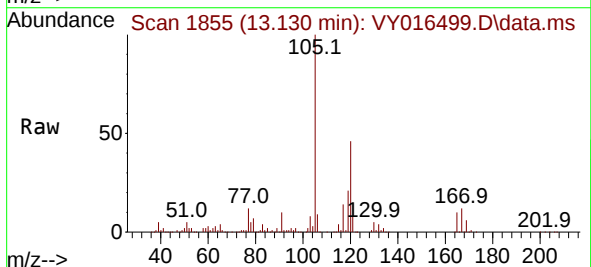
Reviewed By :John
Carlone
11/28/2023

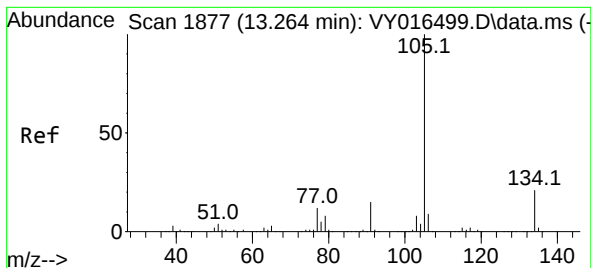
Supervised By :Mahesh
Dadoda
11/28/2023



#84
1,2,4-Trimethylbenzene
Concen: 53.980 ug/l
RT: 13.130 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VY016499.D
Acq: 27 Nov 2023 10:06

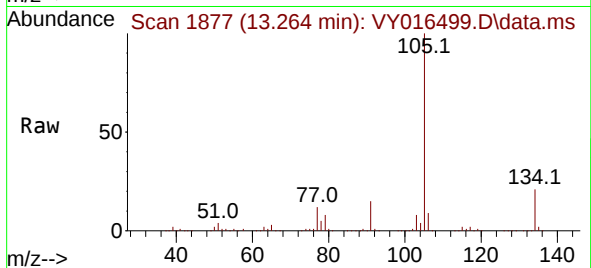
Tgt Ion:105 Resp: 319596
Ion Ratio Lower Upper
105 100
120 45.9 22.2 66.6





#85
 sec-Butylbenzene
 Concen: 52.100 ug/l
 RT: 13.264 min Scan# 1877
 Delta R.T. -0.000 min
 Lab File: VY016499.D
 Acq: 27 Nov 2023 10:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

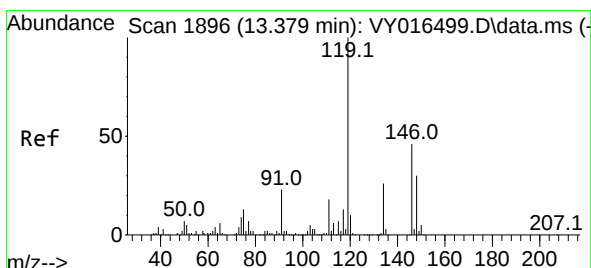
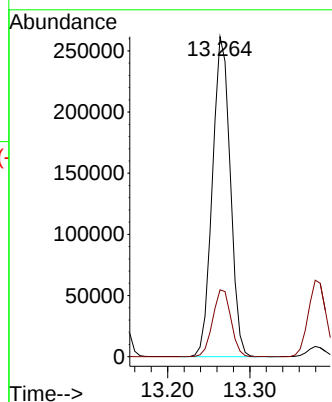


Tgt Ion:105 Resp: 394209
 Ion Ratio Lower Upper
 105 100
 134 21.4 10.2 30.6

Manual Integrations
 APPROVED

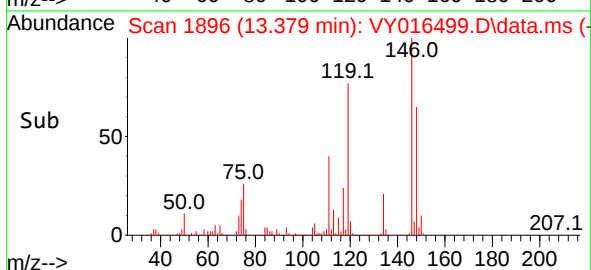
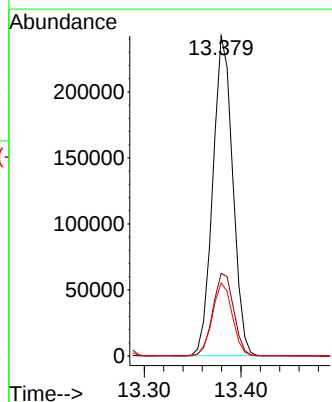
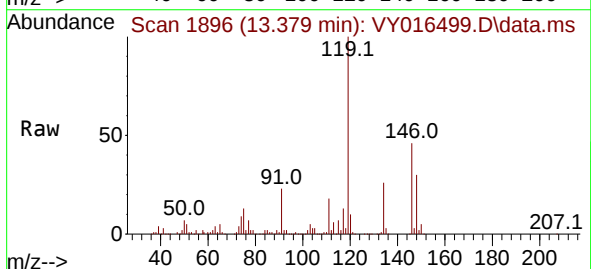
Reviewed By :John
 Carlone
 11/28/2023

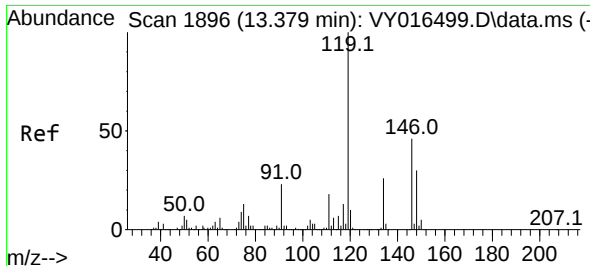
Supervised By :Mahesh
 Dadoda
 11/28/2023



#86
 p-Isopropyltoluene
 Concen: 53.217 ug/l
 RT: 13.379 min Scan# 1896
 Delta R.T. -0.000 min
 Lab File: VY016499.D
 Acq: 27 Nov 2023 10:06

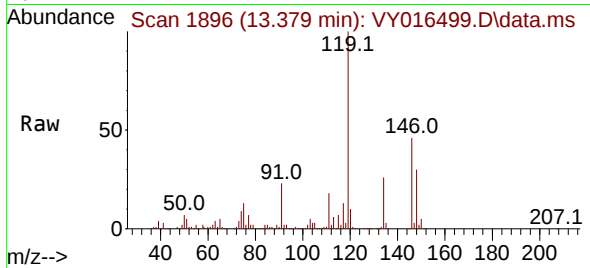
Tgt Ion:119 Resp: 346724
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.3 39.8
 91 22.9 12.4 37.4





#87
1,3-Dichlorobenzene
Concen: 54.113 ug/l
RT: 13.379 min Scan# 1896
Delta R.T. 0.006 min
Lab File: VY016499.D
Acq: 27 Nov 2023 10:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

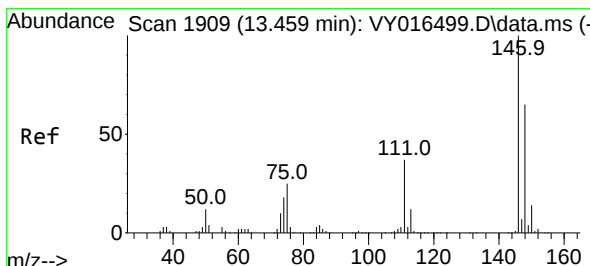
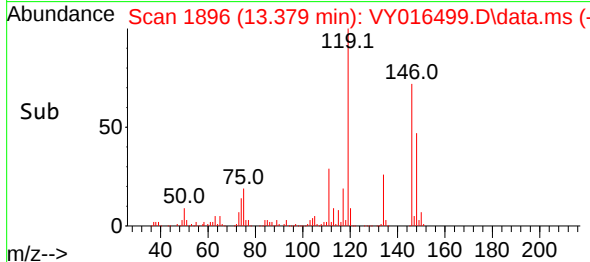
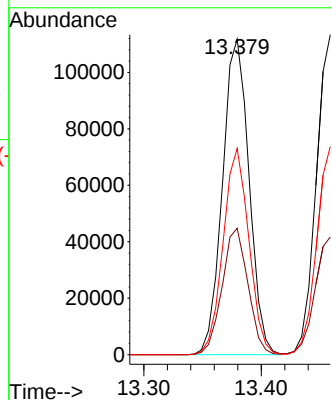


Tgt Ion:146 Resp: 17548
Ion Ratio Lower Upper
146 100
111 39.1 19.4 58.2
148 63.6 31.9 95.5

Manual Integrations
APPROVED

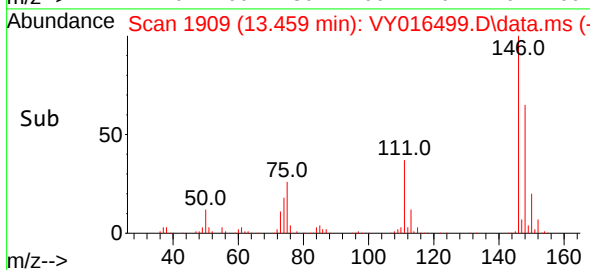
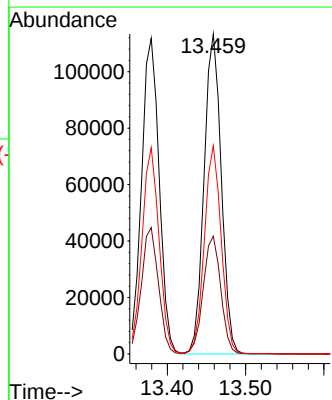
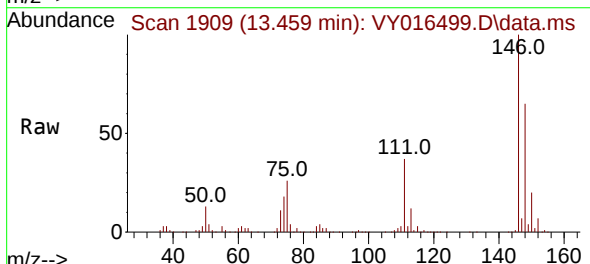
Reviewed By :John
Carlone
11/28/2023

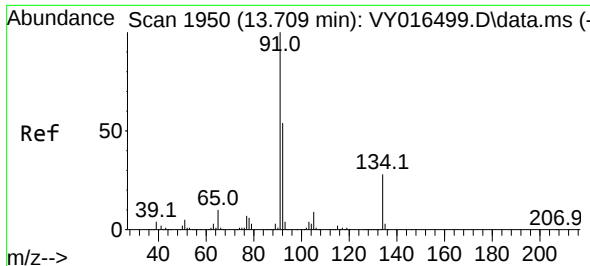
Supervised By :Mahesh
Dadoda
11/28/2023



#88
1,4-Dichlorobenzene
Concen: 54.606 ug/l
RT: 13.459 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VY016499.D
Acq: 27 Nov 2023 10:06

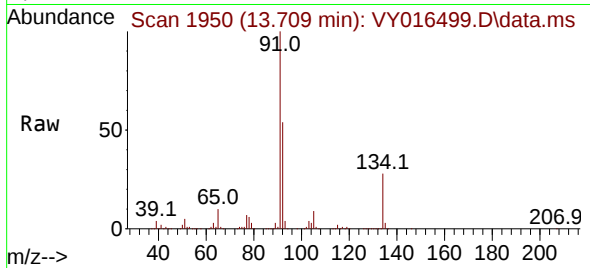
Tgt Ion:146 Resp: 173058
Ion Ratio Lower Upper
146 100
111 37.5 18.9 56.7
148 63.4 32.1 96.5





#89
n-Butylbenzene
Concen: 51.135 ug/l
RT: 13.709 min Scan# 1950
Delta R.T. 0.006 min
Lab File: VY016499.D
Acq: 27 Nov 2023 10:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

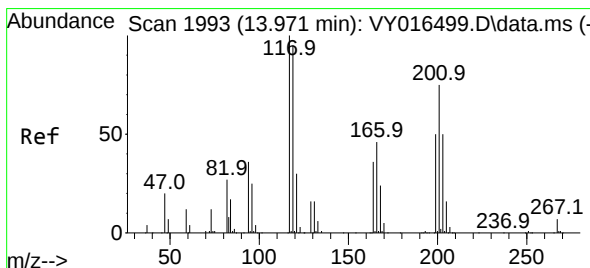
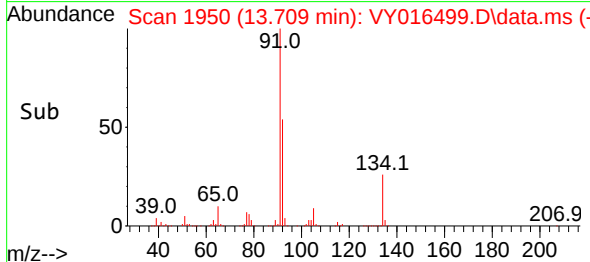
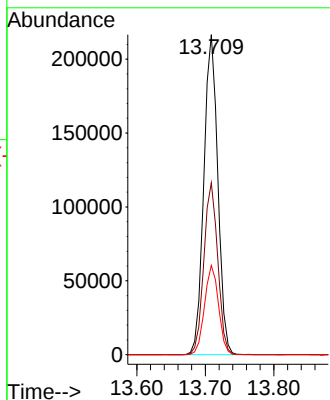


Tgt Ion: 91 Resp: 307679
Ion Ratio Lower Upper
91 100
92 53.5 25.4 76.0
134 27.9 12.6 37.6

Manual Integrations
APPROVED

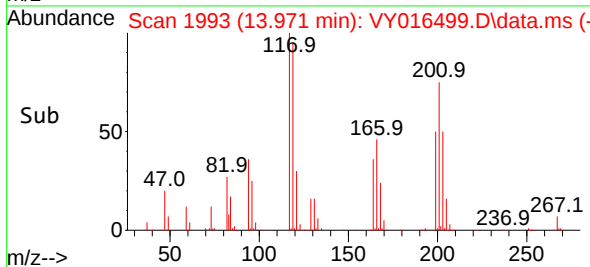
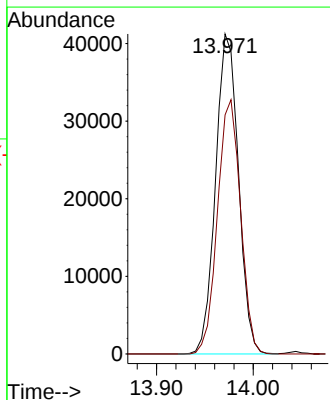
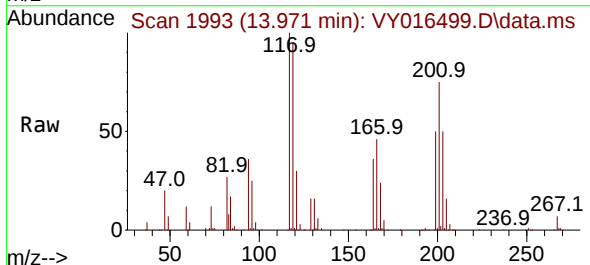
Reviewed By :John
Carlone
11/28/2023

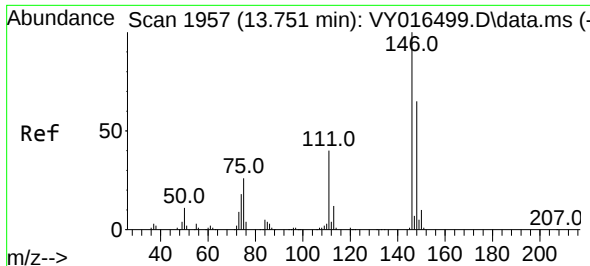
Supervised By :Mahesh
Dadoda
11/28/2023



#90
Hexachloroethane
Concen: 53.868 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VY016499.D
Acq: 27 Nov 2023 10:06

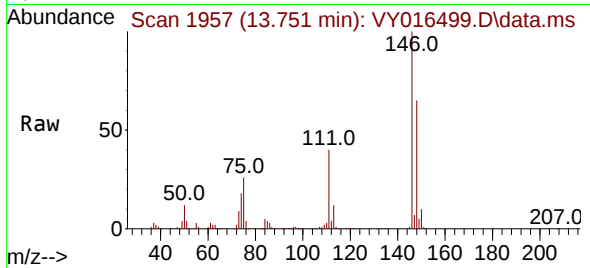
Tgt Ion:117 Resp: 67702
Ion Ratio Lower Upper
117 100
201 80.0 41.6 124.8





#91
1,2-Dichlorobenzene
Concen: 55.012 ug/l
RT: 13.751 min Scan# 1957
Delta R.T. 0.006 min
Lab File: VY016499.D
Acq: 27 Nov 2023 10:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

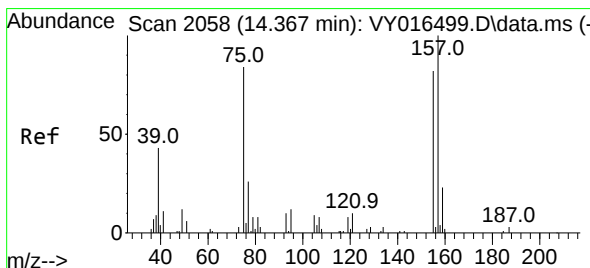
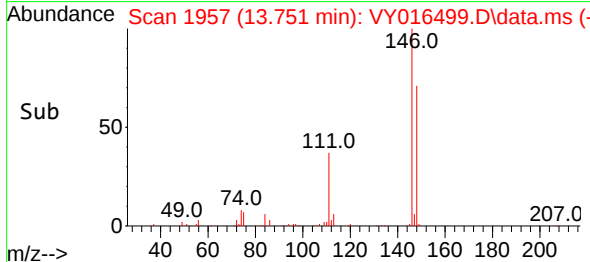
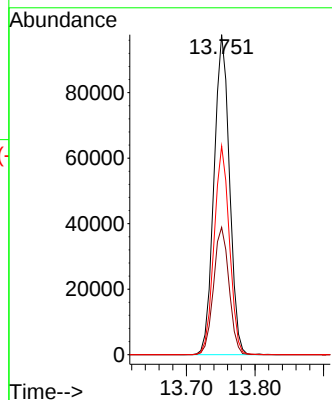


Tgt Ion:146 Resp: 15286
Ion Ratio Lower Upper
146 100
111 39.7 19.7 59.0
148 64.3 32.0 96.2

Manual Integrations
APPROVED

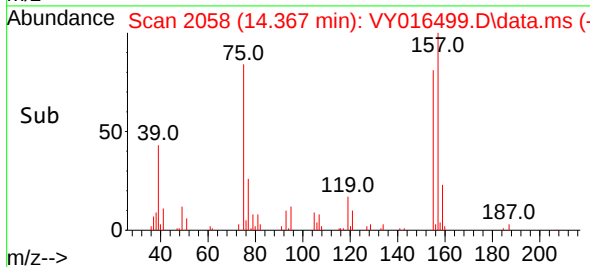
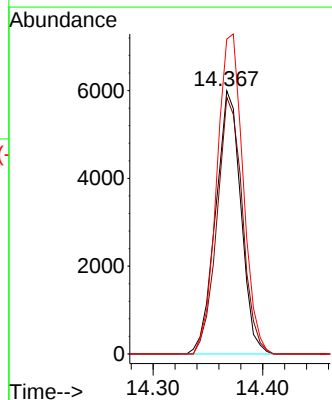
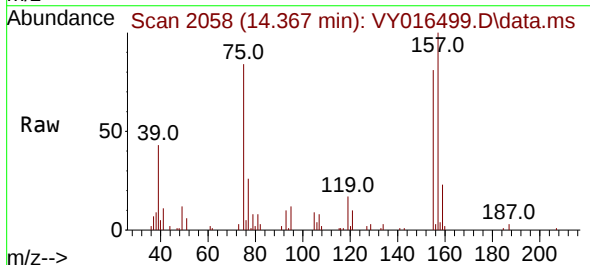
Reviewed By :John
Carlone
11/28/2023

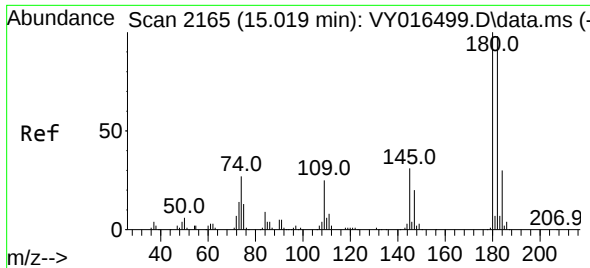
Supervised By :Mahesh
Dadoda
11/28/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.331 ug/l
RT: 14.367 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VY016499.D
Acq: 27 Nov 2023 10:06

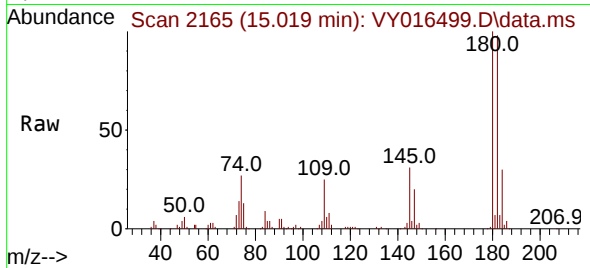
Tgt Ion: 75 Resp: 9583
Ion Ratio Lower Upper
75 100
155 97.5 41.5 124.6
157 126.4 51.8 155.5





#93
1,2,4-Trichlorobenzene
Concen: 54.089 ug/l
RT: 15.019 min Scan# 2165
Delta R.T. 0.006 min
Lab File: VY016499.D
Acq: 27 Nov 2023 10:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

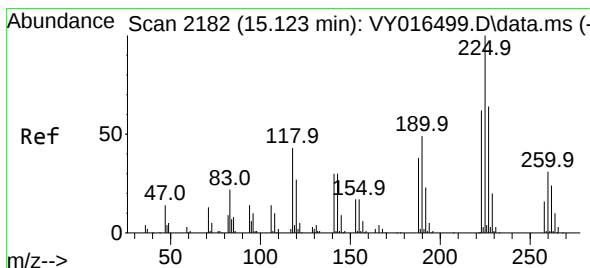
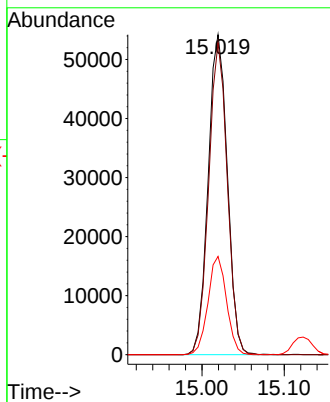
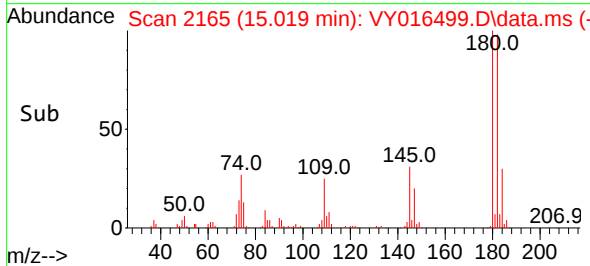


Tgt Ion:180 Resp: 8773
Ion Ratio Lower Upper
180 100
182 94.8 47.0 141.2
145 29.8 14.5 43.5

Manual Integrations
APPROVED

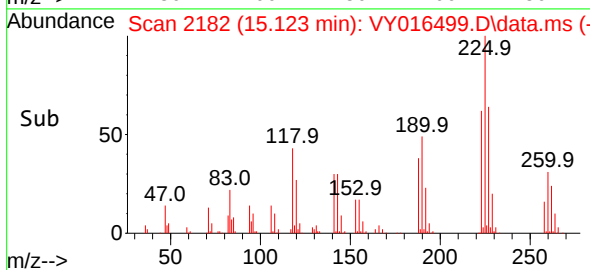
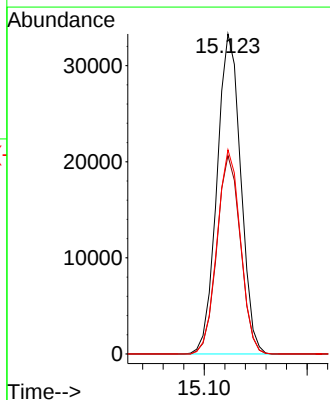
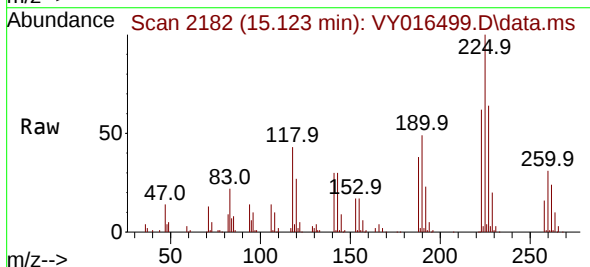
Reviewed By :John
Carlone
11/28/2023

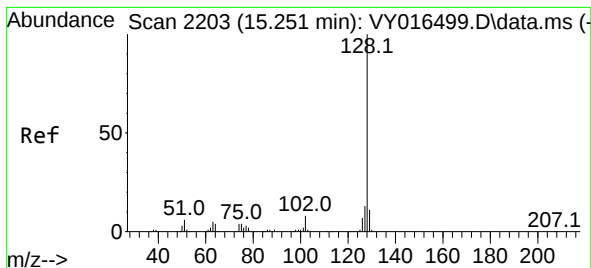
Supervised By :Mahesh
Dadoda
11/28/2023



#94
Hexachlorobutadiene
Concen: 57.415 ug/l
RT: 15.123 min Scan# 2182
Delta R.T. -0.000 min
Lab File: VY016499.D
Acq: 27 Nov 2023 10:06

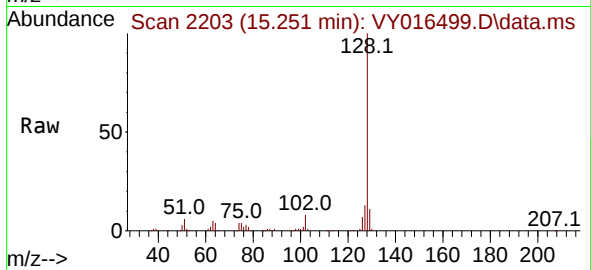
Tgt Ion:225 Resp: 53353
Ion Ratio Lower Upper
225 100
223 61.4 31.9 95.9
227 62.9 33.0 98.9





#95
Naphthalene
Concen: 53.897 ug/l
RT: 15.251 min Scan# 2203
Delta R.T. 0.006 min
Lab File: VY016499.D
Acq: 27 Nov 2023 10:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

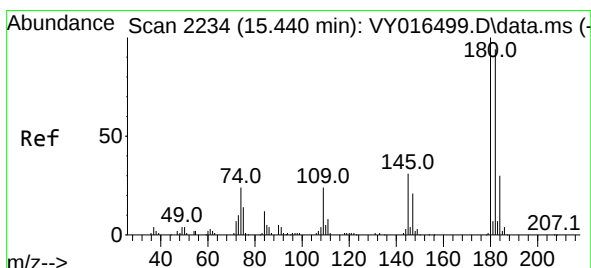
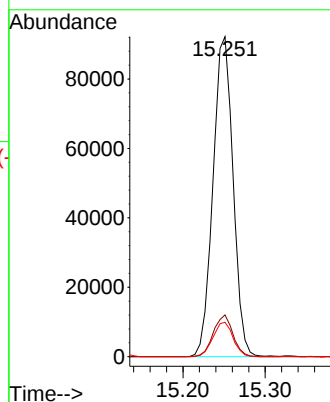
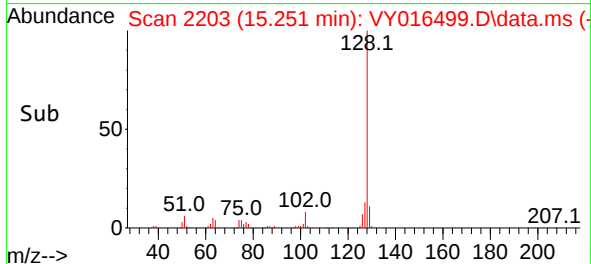


Tgt Ion:128 Resp: 15635
Ion Ratio Lower Upper
128 100
127 12.7 10.8 16.2
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John
Carlone
11/28/2023

Supervised By :Mahesh
Dadoda
11/28/2023



#96
1,2,3-Trichlorobenzene
Concen: 53.182 ug/l
RT: 15.440 min Scan# 2234
Delta R.T. 0.006 min
Lab File: VY016499.D
Acq: 27 Nov 2023 10:06

Tgt Ion:180 Resp: 71348
Ion Ratio Lower Upper
180 100
182 95.1 47.3 141.8
145 32.1 15.4 46.2

