

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111323\
 Data File : VY016316.D
 Acq On : 13 Nov 2023 09:19
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023
 Supervised By :Semsettin Yesilyurt 11/15/2023

Quant Time: Nov 14 04:36:01 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.813	168	167639	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.709	114	263555	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	224855	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	101383	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	70398	45.947	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.900%		
35) Dibromofluoromethane	7.740	113	76977	51.415	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	102.840%		
50) Toluene-d8	10.197	98	306966	50.560	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	101.120%		
62) 4-Bromofluorobenzene	12.495	95	95897	48.633	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	97.260%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.918	85	75615	46.065	ug/l	99
3) Chloromethane	2.125	50	85699	44.579	ug/l	97
4) Vinyl Chloride	2.265	62	93034	45.005	ug/l	98
5) Bromomethane	2.674	94	57268	42.155	ug/l	98
6) Chloroethane	2.814	64	60330	45.737	ug/l	98
7) Trichlorofluoromethane	3.149	101	148684	49.438	ug/l	96
8) Diethyl Ether	3.552	74	40817	45.410	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.924	101	87890	48.520	ug/l	95
10) Methyl Iodide	4.119	142	91979	47.015	ug/l	98
11) Tert butyl alcohol	4.984	59	20134	167.812	ug/l #	80
12) 1,1-Dichloroethene	3.899	96	81659	48.203	ug/l	89
13) Acrolein	3.753	56	29374	202.976	ug/l	98
14) Allyl chloride	4.509	41	112853	46.944	ug/l #	92
15) Acrylonitrile	5.186	53	77986	218.624	ug/l	97
16) Acetone	3.966	43	59440	234.535	ug/l	94
17) Carbon Disulfide	4.222	76	242299	47.404	ug/l	100
18) Methyl Acetate	4.503	43	59453	44.148	ug/l #	89
19) Methyl tert-butyl Ether	5.247	73	182374	44.480	ug/l	100
20) Methylene Chloride	4.741	84	84687	47.099	ug/l	86
21) trans-1,2-Dichloroethene	5.253	96	92130	47.234	ug/l	94
22) Diisopropyl ether	6.143	45	240355	46.393	ug/l	88
23) Vinyl Acetate	6.088	43	557349	222.020	ug/l #	93
24) 1,1-Dichloroethane	6.045	63	151325	47.346	ug/l	97
25) 2-Butanone	7.008	43	93713	211.109	ug/l	92
26) 2,2-Dichloropropane	7.008	77	141730	48.722	ug/l	97
27) cis-1,2-Dichloroethene	7.008	96	99984	47.565	ug/l	92
28) Bromochloromethane	7.356	49	60436	51.091	ug/l	88
29) Tetrahydrofuran	7.374	42	60120	204.902	ug/l	89
30) Chloroform	7.527	83	158423	47.619	ug/l	100
31) Cyclohexane	7.807	56	136988	45.412	ug/l	91
32) 1,1,1-Trichloroethane	7.728	97	147499	48.367	ug/l	97
36) 1,1-Dichloropropene	7.941	75	127453	49.026	ug/l	98
37) Ethyl Acetate	7.094	43	43604	41.512	ug/l #	95
38) Carbon Tetrachloride	7.923	117	136610	50.632	ug/l	98
39) Methylcyclohexane	9.203	83	160047	49.407	ug/l	91
40) Benzene	8.185	78	354176	48.491	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	27032	51.040	ug/l #	87
42) 1,2-Dichloroethane	8.258	62	89118	47.091	ug/l	93
43) Isopropyl Acetate	8.295	43	86911	42.805	ug/l #	89
44) Trichloroethene	8.959	130	101928	48.557	ug/l	99
45) 1,2-Dichloropropane	9.234	63	84076	47.931	ug/l	99
46) Dibromomethane	9.325	93	45004	47.345	ug/l	95
47) Bromodichloromethane	9.514	83	117902	48.246	ug/l	100
48) Methyl methacrylate	9.307	41	49528	44.137	ug/l	86
49) 1,4-Dioxane	9.319	88	8076	800.280	ug/l #	51
51) 4-Methyl-2-Pentanone	10.087	43	217822	212.152	ug/l	91
52) Toluene	10.264	92	226752	49.113	ug/l	94
53) t-1,3-Dichloropropene	10.483	75	111999	47.276	ug/l	98
54) cis-1,3-Dichloropropene	9.947	75	136592	48.273	ug/l #	87
55) 1,1,2-Trichloroethane	10.660	97	61923	47.264	ug/l	97
56) Ethyl methacrylate	10.526	69	56115	45.373	ug/l #	84
57) 1,3-Dichloropropane	10.807	76	105099	47.061	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.801	63	199949	238.434	ug/l	94
59) 2-Hexanone	10.849	43	151816	198.789	ug/l	86
60) Dibromochloromethane	11.002	129	78868	48.133	ug/l	99
61) 1,2-Dibromoethane	11.105	107	57468	46.041	ug/l	100
64) Tetrachloroethene	10.739	164	100274	49.666	ug/l	97
65) Chlorobenzene	11.532	112	235015	48.920	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.605	131	88895	50.169	ug/l	99
67) Ethyl Benzene	11.611	91	430664	49.882	ug/l	99
68) m/p-Xylenes	11.721	106	326181	99.607	ug/l	95
69) o-Xylene	12.044	106	151520	49.835	ug/l	96
70) Styrene	12.062	104	217737	50.013	ug/l	98
71) Bromoform	12.227	173	44077	47.940	ug/l #	100
73) Isopropylbenzene	12.349	105	417357	50.836	ug/l	100
74) N-amyl acetate	12.160	43	72078	43.709	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.599	83	61036	46.332	ug/l	100
76) 1,2,3-Trichloropropane	12.648	75	43770m	45.005	ug/l	
77) Bromobenzene	12.623	156	90310	48.671	ug/l	94
78) n-propylbenzene	12.690	91	489363	50.438	ug/l	100
79) 2-Chlorotoluene	12.776	91	262644	49.121	ug/l	98
80) 1,3,5-Trimethylbenzene	12.831	105	334411	50.522	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.392	75	20353	45.424	ug/l	91
82) 4-Chlorotoluene	12.873	91	274515	49.686	ug/l	99
83) tert-Butylbenzene	13.093	119	294192	50.460	ug/l	97
84) 1,2,4-Trimethylbenzene	13.135	105	323979	49.709	ug/l	99
85) sec-Butylbenzene	13.270	105	422055	50.671	ug/l	99
86) p-Isopropyltoluene	13.385	119	363380	50.666	ug/l	98
87) 1,3-Dichlorobenzene	13.385	146	173634	48.640	ug/l	99
88) 1,4-Dichlorobenzene	13.465	146	169648	48.627	ug/l	99
89) n-Butylbenzene	13.715	91	338140	51.052	ug/l	97
90) Hexachloroethane	13.977	117	68611	49.592	ug/l	91
91) 1,2-Dichlorobenzene	13.757	146	146980	48.049	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.373	75	8613	41.093	ug/l	90
93) 1,2,4-Trichlorobenzene	15.025	180	85627	47.956	ug/l	99
94) Hexachlorobutadiene	15.129	225	51348	50.197	ug/l	98
95) Naphthalene	15.257	128	143349	44.889	ug/l	99
96) 1,2,3-Trichlorobenzene	15.446	180	68246	46.211	ug/l	98

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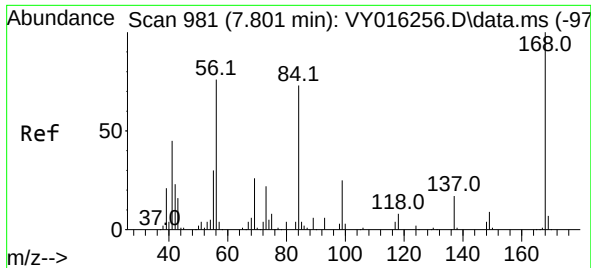
Manual Integrations
APPROVED

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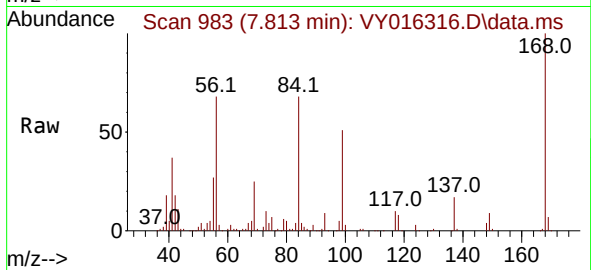
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
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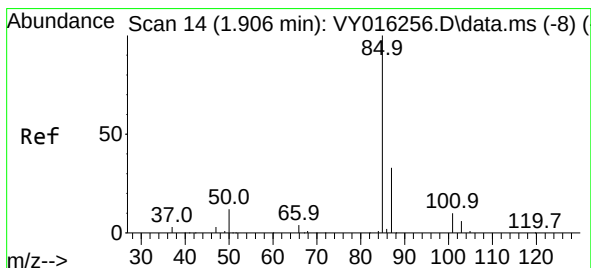
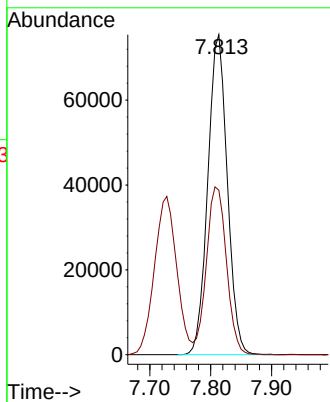
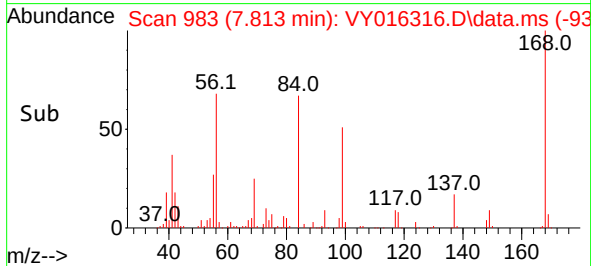
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 167639
Ion Ratio Lower Upper
168 100
99 51.4 43.4 65.0

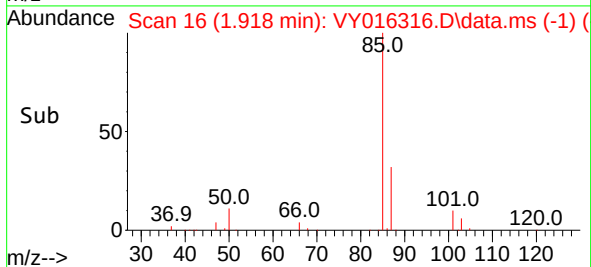
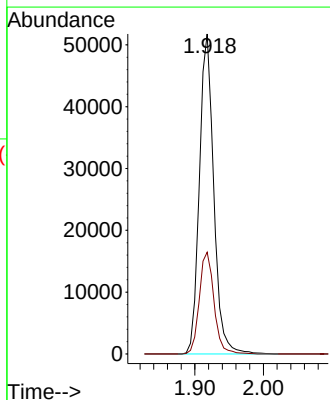
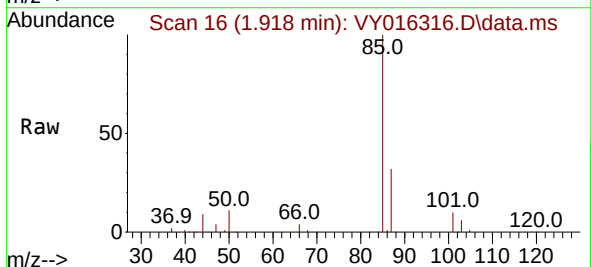
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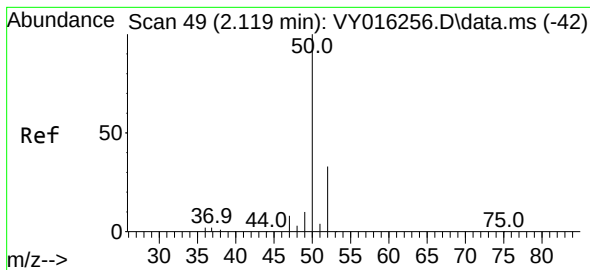
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#2
Dichlorodifluoromethane
Concen: 46.065 ug/l
RT: 1.918 min Scan# 16
Delta R.T. 0.012 min
Lab File: VY016316.D
Acq: 13 Nov 2023 09:19

Tgt Ion: 85 Resp: 75615
Ion Ratio Lower Upper
85 100
87 31.8 15.6 46.8





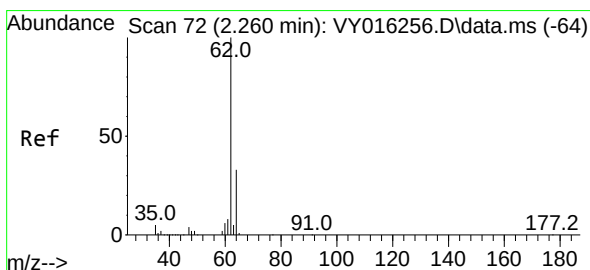
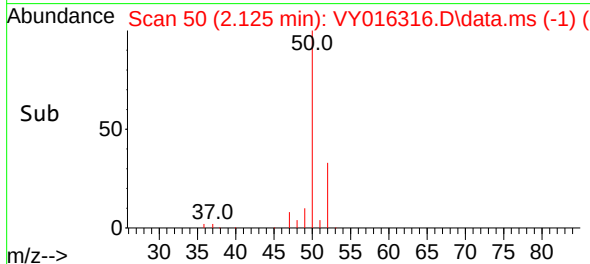
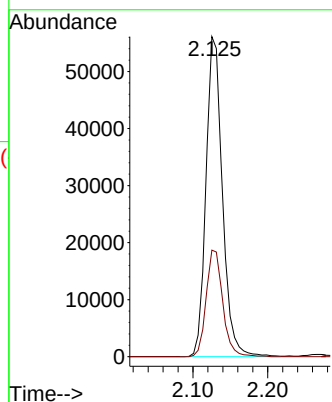
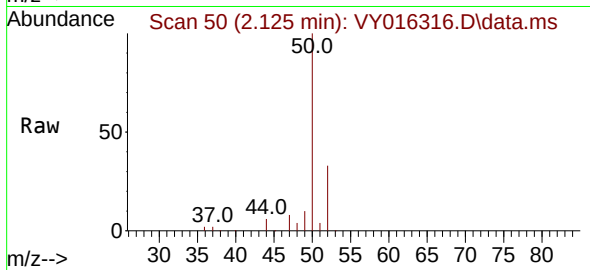
#3
Chloromethane
Concen: 44.579 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY016316.D
Acq: 13 Nov 2023 09:19

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Tgt Ion: 50 Resp: 85699
Ion Ratio Lower Upper
50 100
52 33.3 25.4 38.2

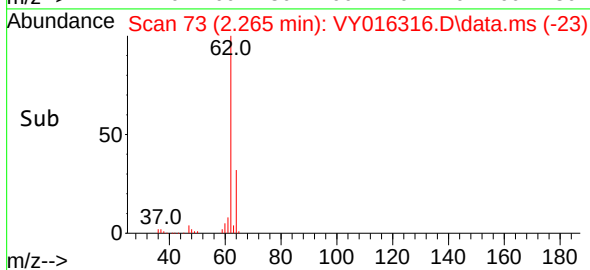
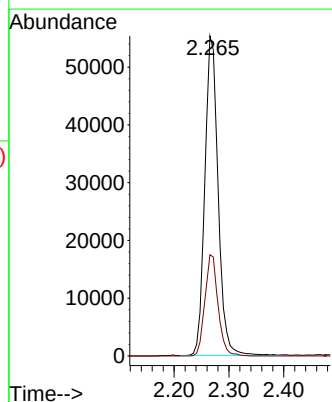
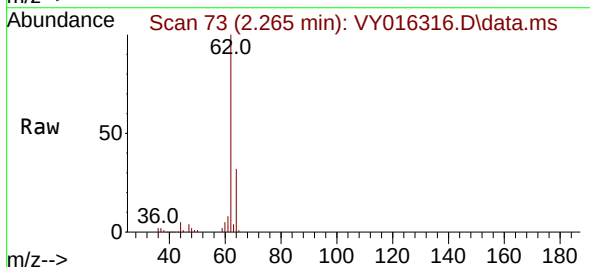
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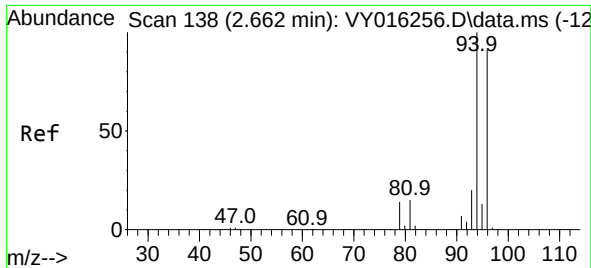
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#4
Vinyl Chloride
Concen: 45.005 ug/l
RT: 2.265 min Scan# 73
Delta R.T. 0.006 min
Lab File: VY016316.D
Acq: 13 Nov 2023 09:19

Tgt Ion: 62 Resp: 93034
Ion Ratio Lower Upper
62 100
64 31.7 24.3 36.5





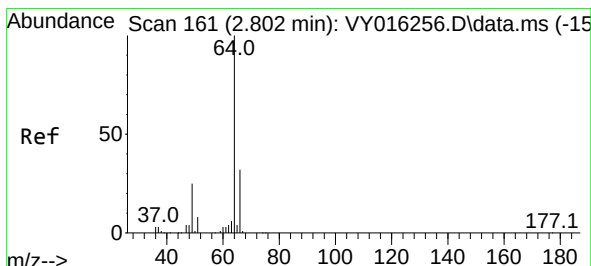
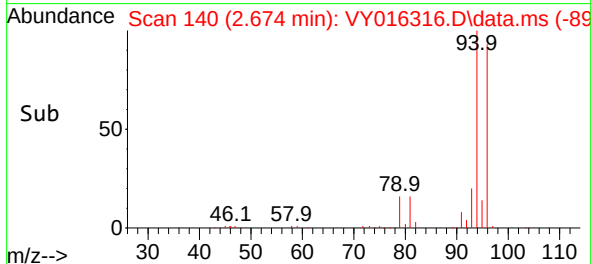
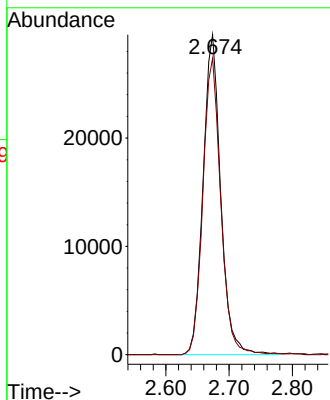
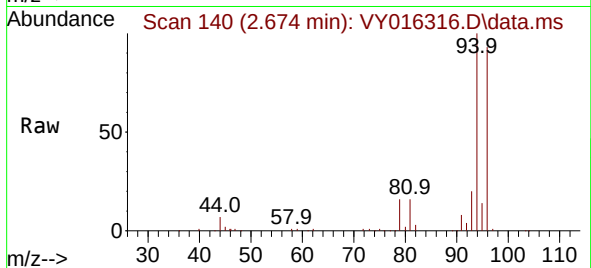
#5
Bromomethane
Concen: 42.155 ug/l
RT: 2.674 min Scan# 14
Delta R.T. 0.012 min
Lab File: VY016316.D
Acq: 13 Nov 2023 09:19

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 5726
Ion Ratio Lower Upper
94 100
96 92.6 75.8 113.6

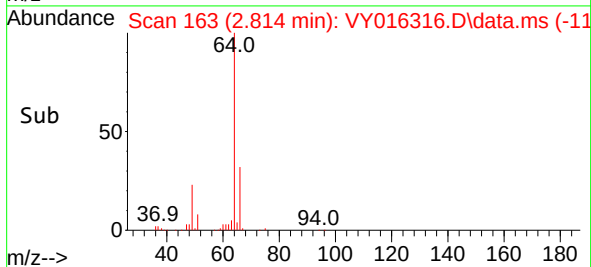
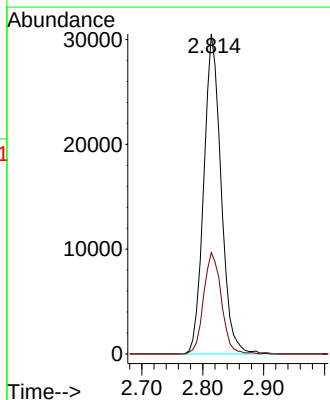
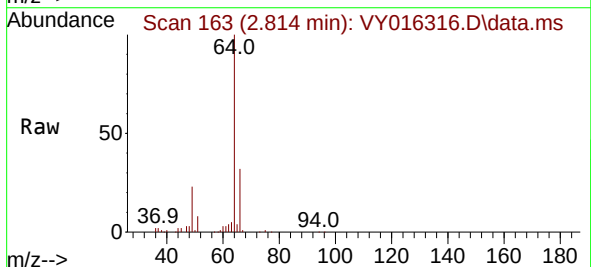
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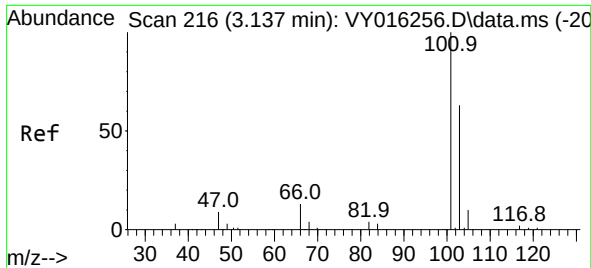
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#6
Chloroethane
Concen: 45.737 ug/l
RT: 2.814 min Scan# 163
Delta R.T. 0.012 min
Lab File: VY016316.D
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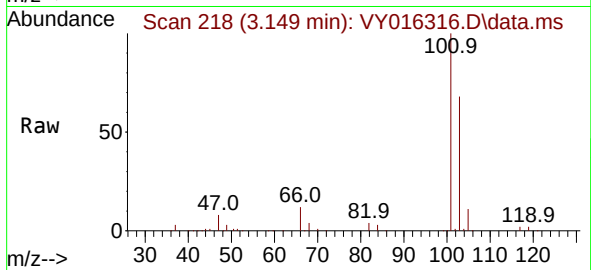
Tgt Ion: 64 Resp: 60330
Ion Ratio Lower Upper
64 100
66 31.7 24.4 36.6





#7
Trichlorofluoromethane
Concen: 49.438 ug/l
RT: 3.149 min Scan# 216
Delta R.T. 0.012 min
Lab File: VY016316.D
Acq: 13 Nov 2023 09:19

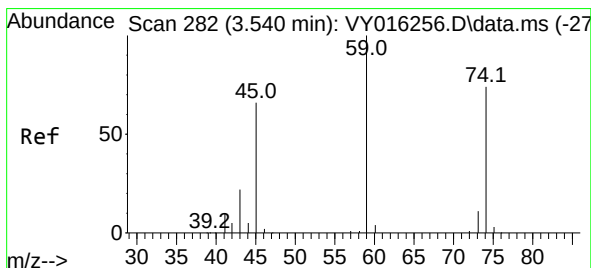
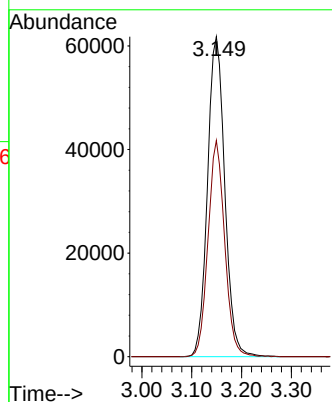
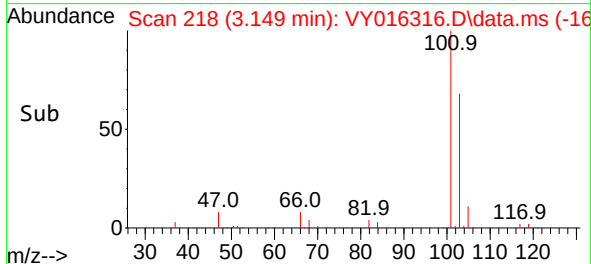
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 148684
Ion Ratio Lower Upper
101 100
103 67.5 51.4 77.0

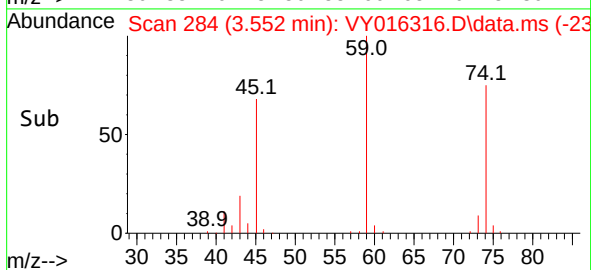
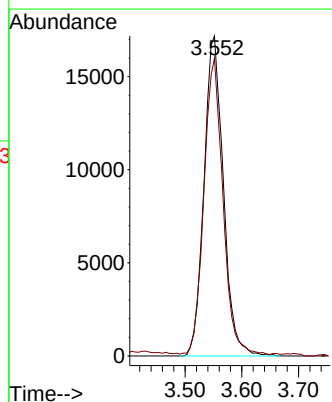
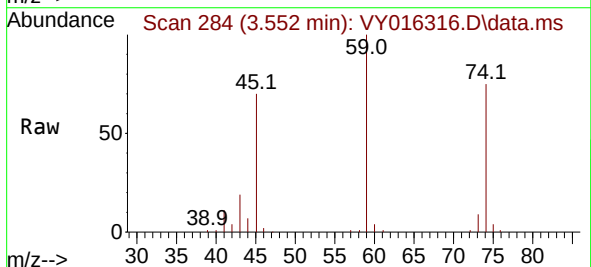
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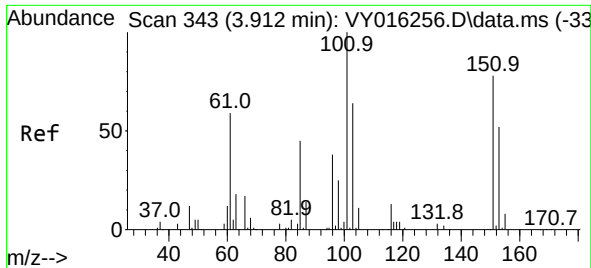
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#8
Diethyl Ether
Concen: 45.410 ug/l
RT: 3.552 min Scan# 284
Delta R.T. 0.012 min
Lab File: VY016316.D
Acq: 13 Nov 2023 09:19

Tgt Ion: 74 Resp: 40817
Ion Ratio Lower Upper
74 100
45 90.7 51.5 154.5





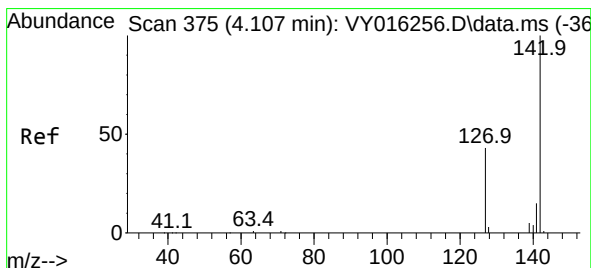
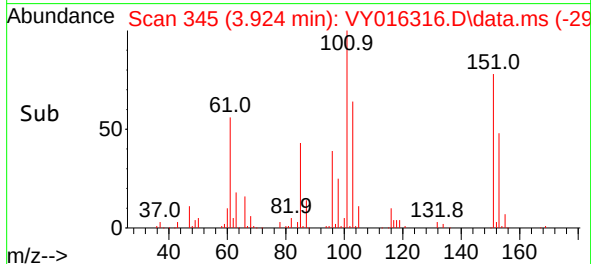
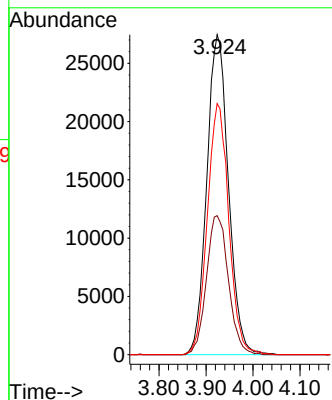
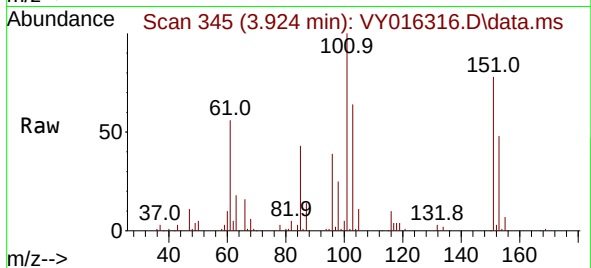
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.520 ug/l
RT: 3.924 min Scan# 343
Delta R.T. 0.012 min
Lab File: VY016316.D
Acq: 13 Nov 2023 09:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 87890
Ion Ratio Lower Upper
101 100
85 44.1 36.6 55.0
151 77.6 67.0 100.6

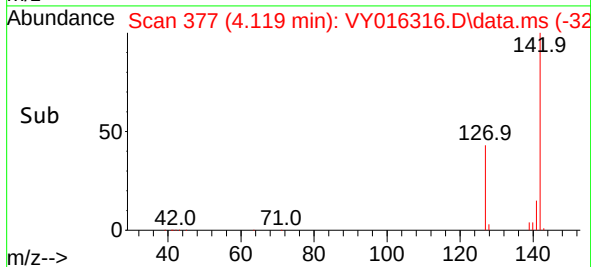
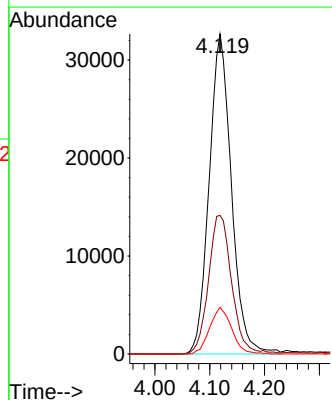
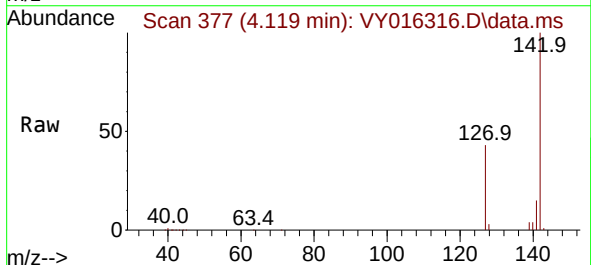
Manual Integrations
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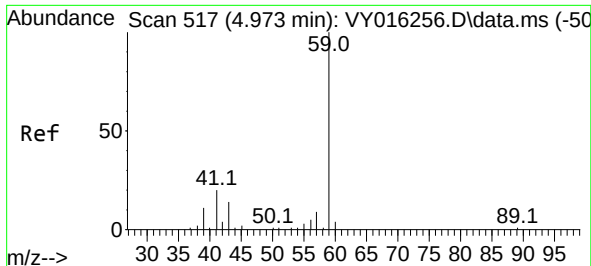
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#10
Methyl Iodide
Concen: 47.015 ug/l
RT: 4.119 min Scan# 377
Delta R.T. 0.012 min
Lab File: VY016316.D
Acq: 13 Nov 2023 09:19

Tgt Ion:142 Resp: 91979
Ion Ratio Lower Upper
142 100
127 45.1 37.6 56.4
141 14.4 11.8 17.8





#11

Tert butyl alcohol

Concen: 167.812 ug/l

RT: 4.984 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY016316.D

Acq: 13 Nov 2023 09:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 20134

Ion Ratio Lower Upper

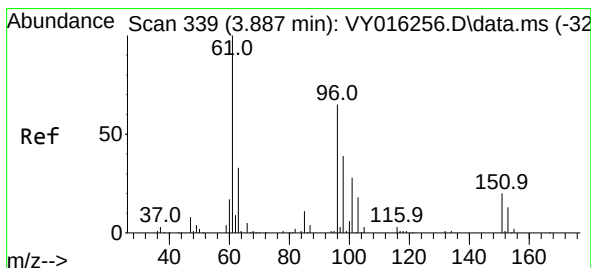
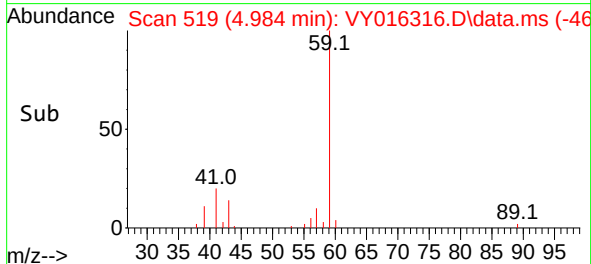
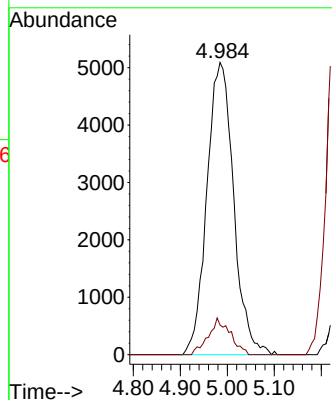
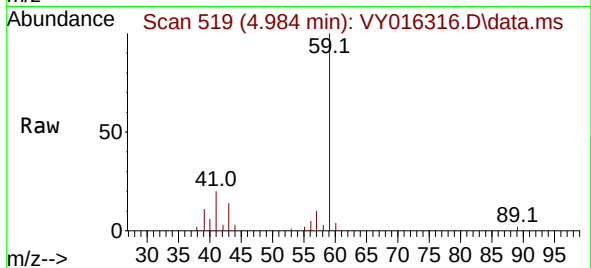
59 100

57 10.2 3.0 4.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#12

1,1-Dichloroethene

Concen: 48.203 ug/l

RT: 3.899 min Scan# 341

Delta R.T. 0.012 min

Lab File: VY016316.D

Acq: 13 Nov 2023 09:19

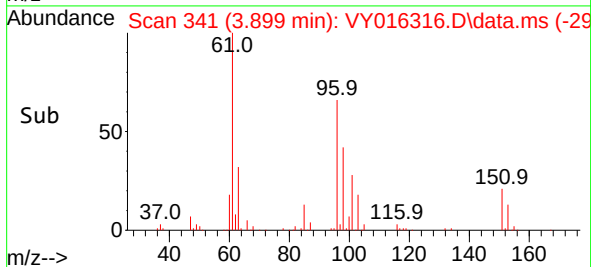
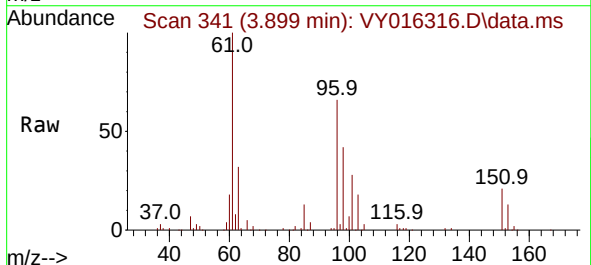
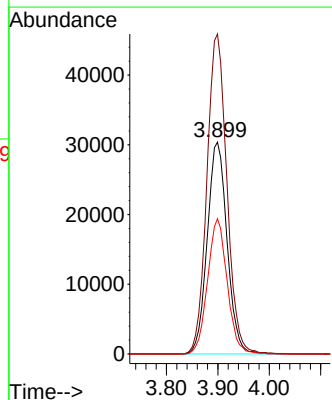
Tgt Ion: 96 Resp: 81659

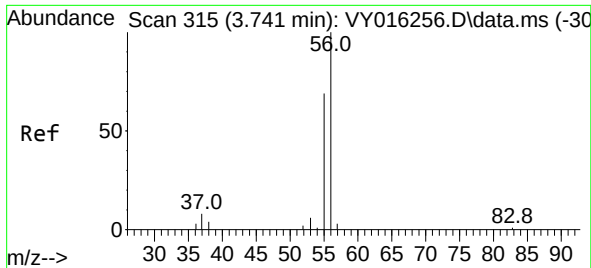
Ion Ratio Lower Upper

96 100

61 151.0 136.4 204.6

98 63.8 49.4 74.2





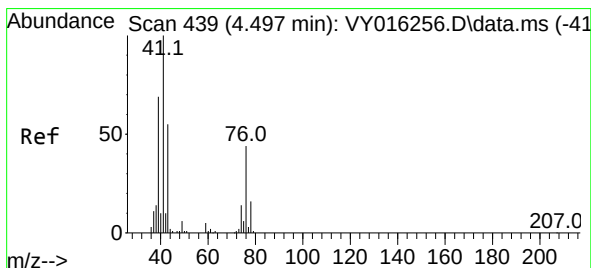
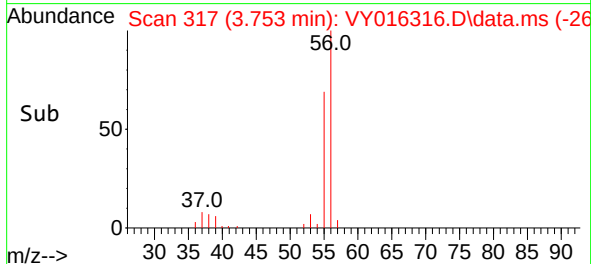
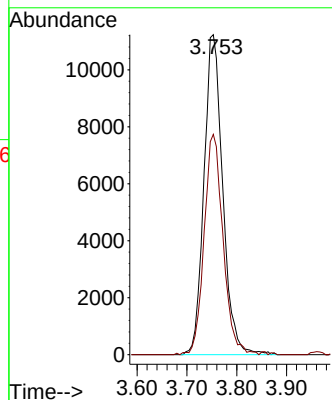
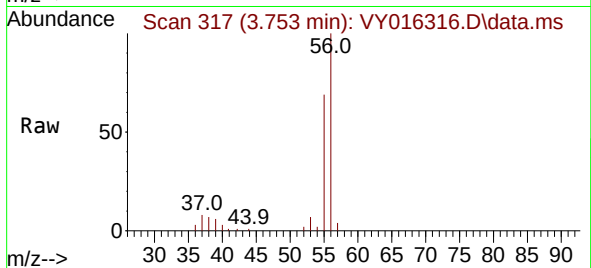
#13
Acrolein
Concen: 202.976 ug/l
RT: 3.753 min Scan# 315
Delta R.T. 0.012 min
Lab File: VY016316.D
Acq: 13 Nov 2023 09:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 29374
Ion Ratio Lower Upper
56 100
55 69.4 57.0 85.4

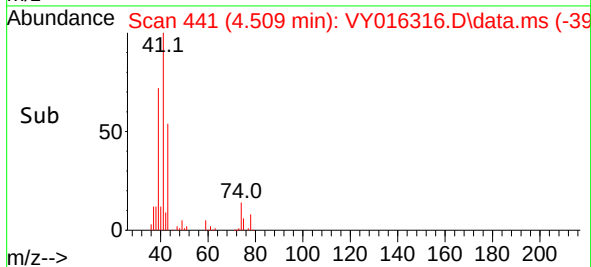
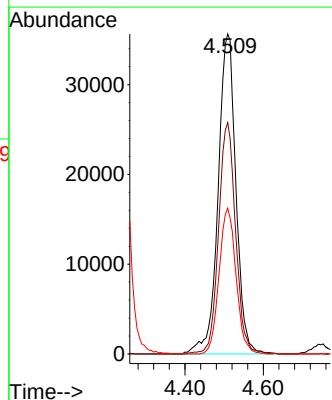
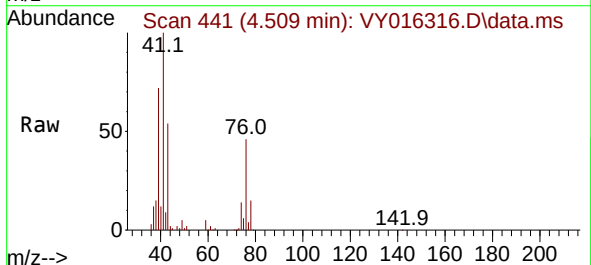
Manual Integrations
APPROVED

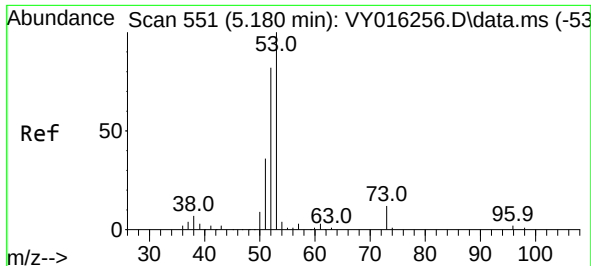
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#14
Allyl chloride
Concen: 46.944 ug/l
RT: 4.509 min Scan# 441
Delta R.T. 0.012 min
Lab File: VY016316.D
Acq: 13 Nov 2023 09:19

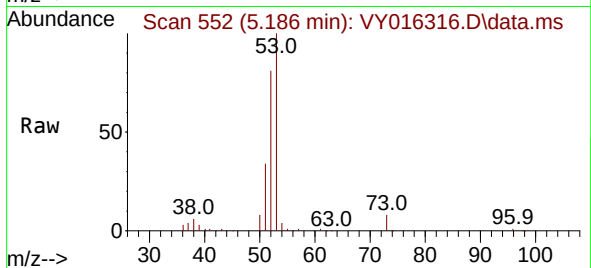
Tgt Ion: 41 Resp: 112853
Ion Ratio Lower Upper
41 100
39 69.1 58.0 87.0
76 43.3 27.4 41.2#





#15
Acrylonitrile
Concen: 218.624 ug/l
RT: 5.186 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY016316.D
Acq: 13 Nov 2023 09:19

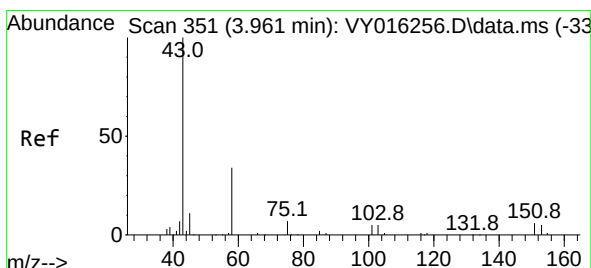
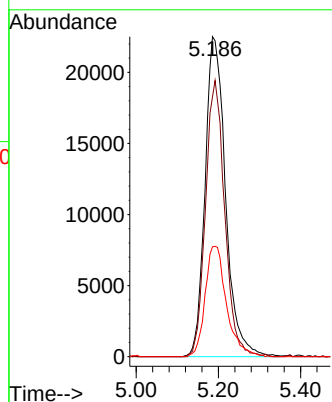
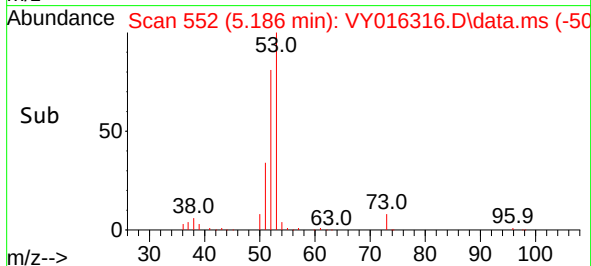
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 77980
Ion Ratio Lower Upper
53 100
52 80.8 66.9 100.3
51 36.0 29.8 44.6

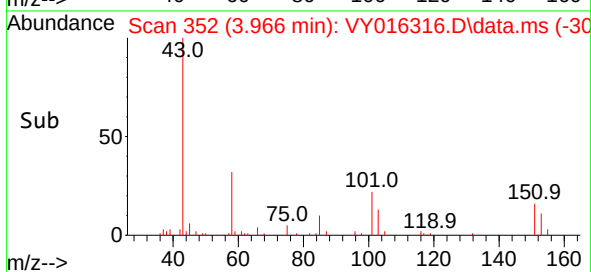
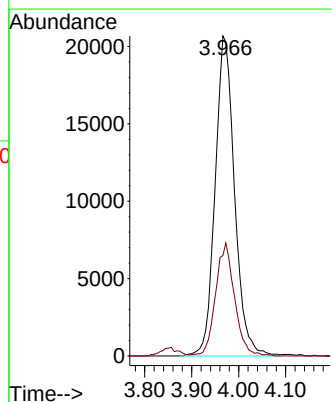
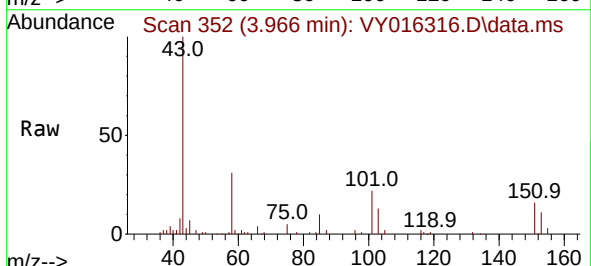
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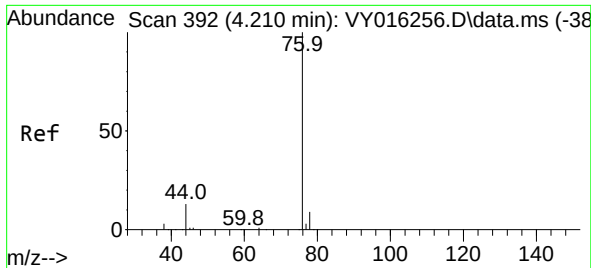
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#16
Acetone
Concen: 234.535 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY016316.D
Acq: 13 Nov 2023 09:19

Tgt Ion: 43 Resp: 59440
Ion Ratio Lower Upper
43 100
58 31.4 22.7 34.1





#17

Carbon Disulfide

Concen: 47.404 ug/l

RT: 4.222 min Scan# 394

Delta R.T. 0.012 min

Lab File: VY016316.D

Acq: 13 Nov 2023 09:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 24229

Ion Ratio Lower Upper

76 100

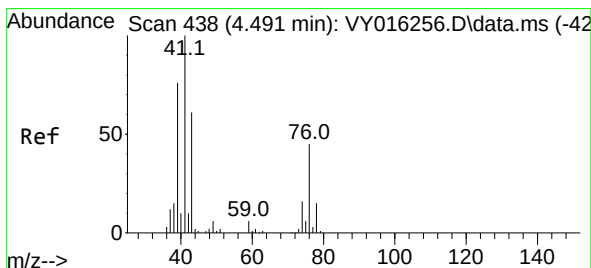
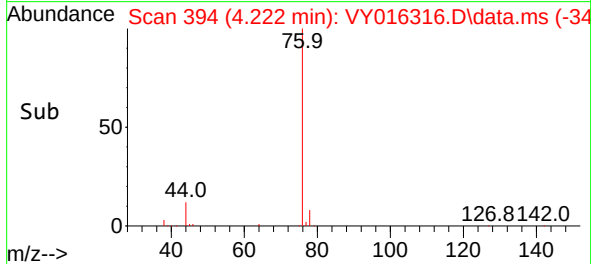
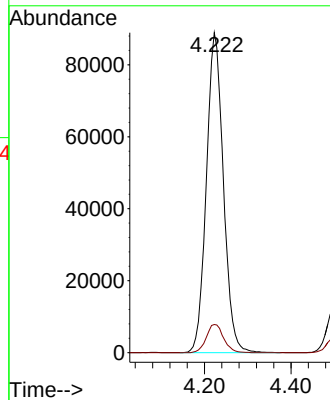
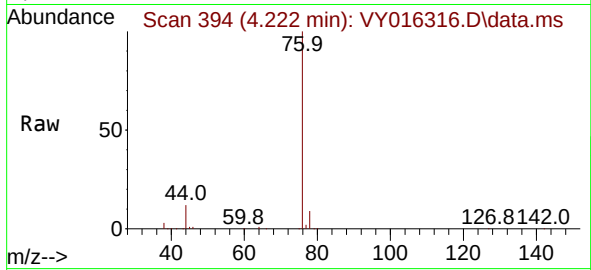
78 8.8 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023

Supervised By :Semsettin Yesilyurt 11/15/2023



#18

Methyl Acetate

Concen: 44.148 ug/l

RT: 4.503 min Scan# 440

Delta R.T. 0.012 min

Lab File: VY016316.D

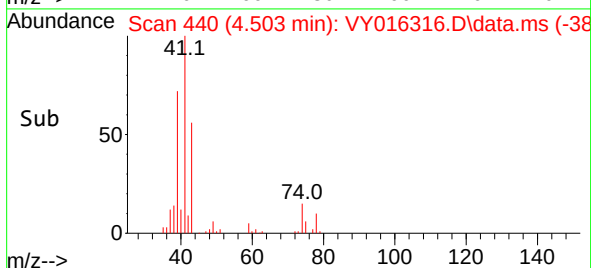
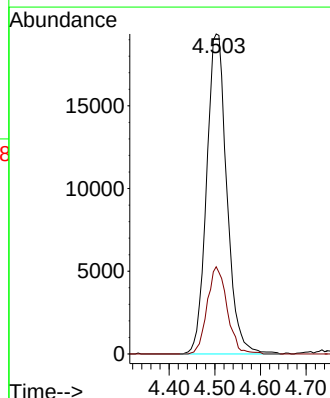
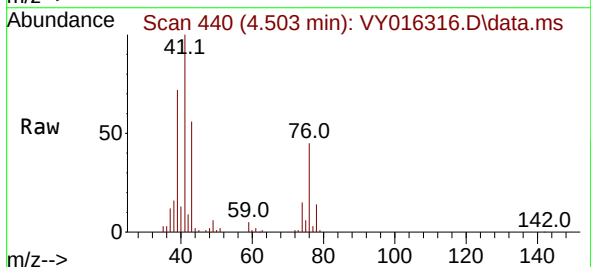
Acq: 13 Nov 2023 09:19

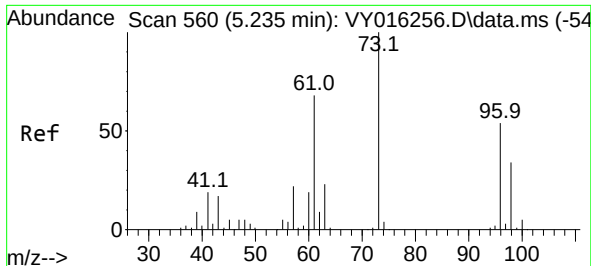
Tgt Ion: 43 Resp: 59453

Ion Ratio Lower Upper

43 100

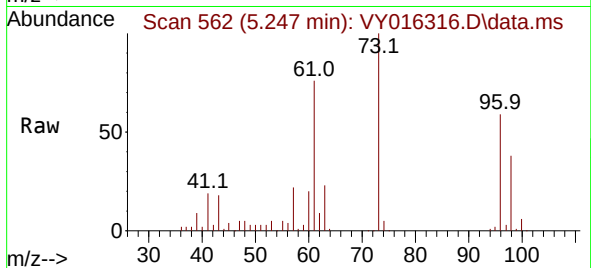
74 26.9 17.4 26.0#





#19
Methyl tert-butyl Ether
Concen: 44.480 ug/l
RT: 5.247 min Scan# 50
Delta R.T. 0.012 min
Lab File: VY016316.D
Acq: 13 Nov 2023 09:19

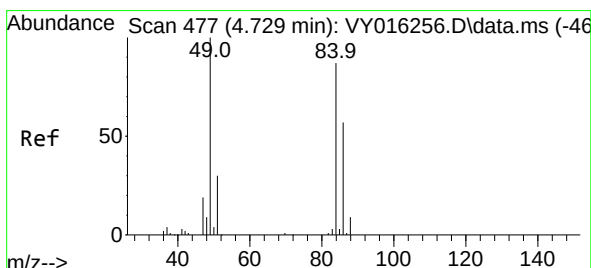
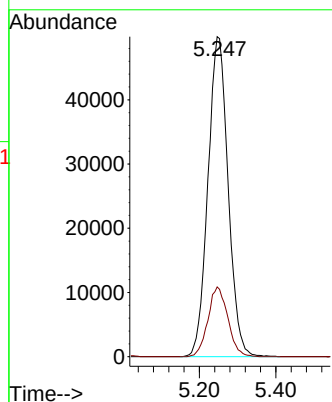
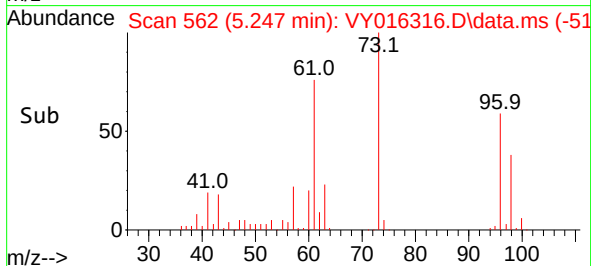
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 182374
Ion Ratio Lower Upper
73 100
57 21.8 17.3 25.9

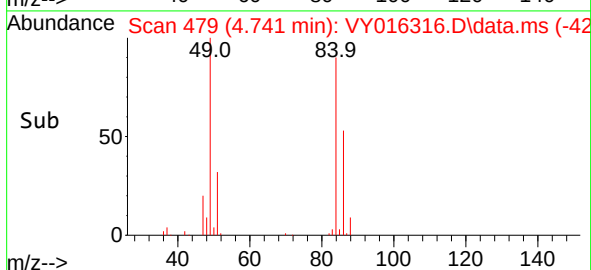
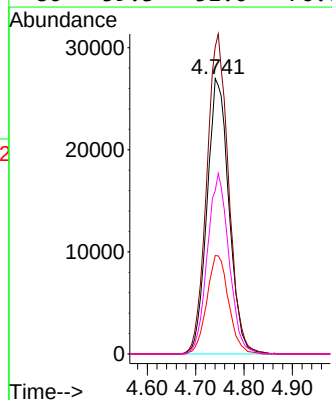
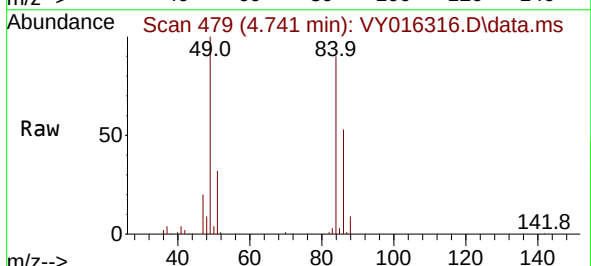
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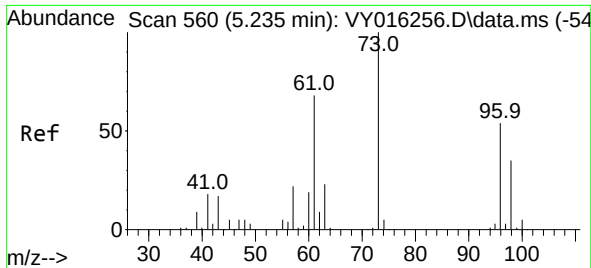
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#20
Methylene Chloride
Concen: 47.099 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.012 min
Lab File: VY016316.D
Acq: 13 Nov 2023 09:19

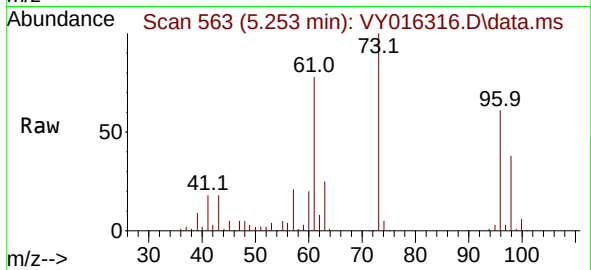
Tgt Ion: 84 Resp: 84687
Ion Ratio Lower Upper
84 100
49 111.5 106.9 160.3
51 35.7 33.2 49.8
86 59.3 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 47.234 ug/l
RT: 5.253 min Scan# 50
Delta R.T. 0.018 min
Lab File: VY016316.D
Acq: 13 Nov 2023 09:19

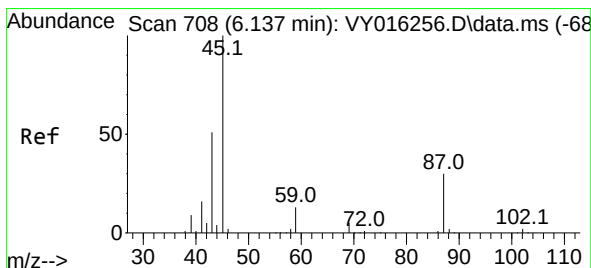
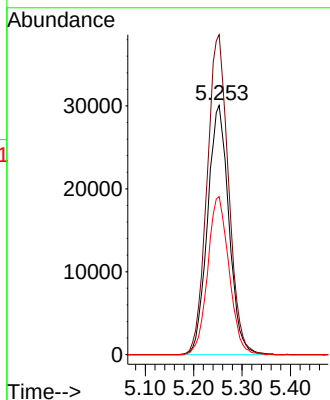
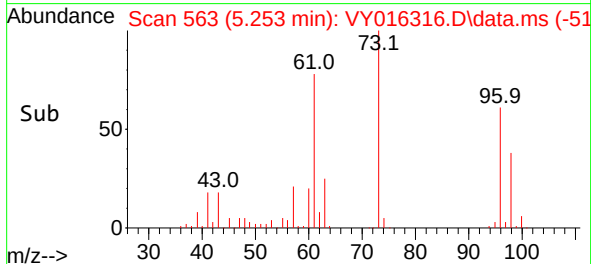
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



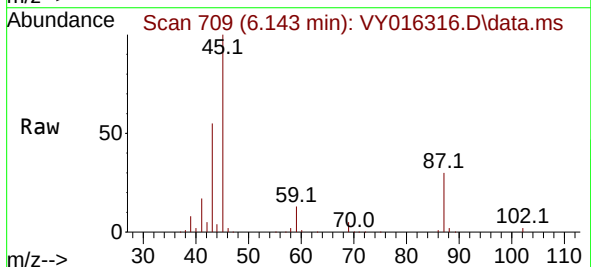
Tgt Ion: 96 Resp: 92130
Ion Ratio Lower Upper
96 100
61 128.4 110.2 165.4
98 63.4 51.8 77.6

Manual Integrations
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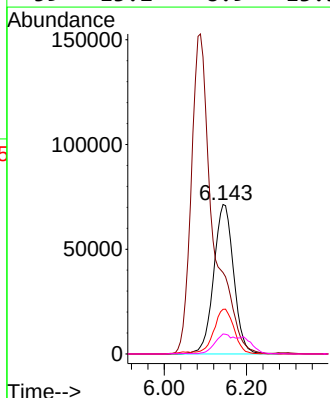
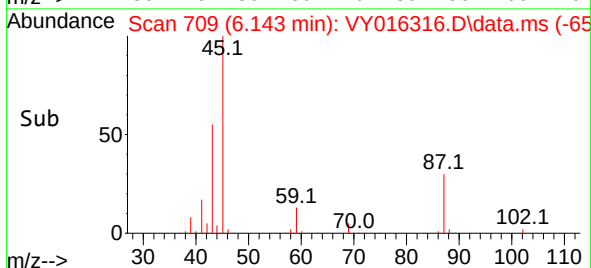
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

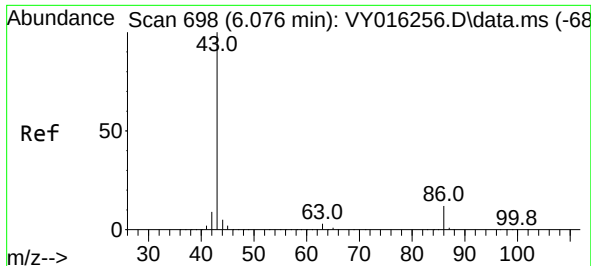


#22
Diisopropyl ether
Concen: 46.393 ug/l
RT: 6.143 min Scan# 709
Delta R.T. 0.006 min
Lab File: VY016316.D
Acq: 13 Nov 2023 09:19



Tgt Ion: 45 Resp: 240355
Ion Ratio Lower Upper
45 100
43 53.7 52.2 78.4
87 29.9 21.0 31.6
59 13.2 8.9 13.3





#23

Vinyl Acetate

Concen: 222.020 ug/l

RT: 6.088 min Scan# 700

Delta R.T. 0.012 min

Lab File: VY016316.D

Acq: 13 Nov 2023 09:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 557349

Ion Ratio Lower Upper

43 100

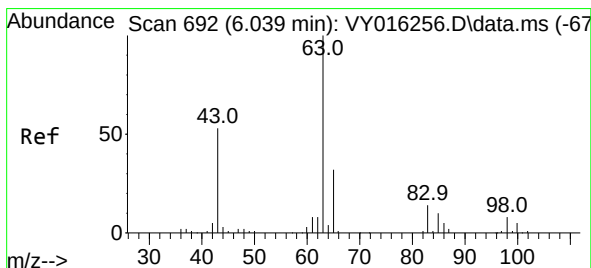
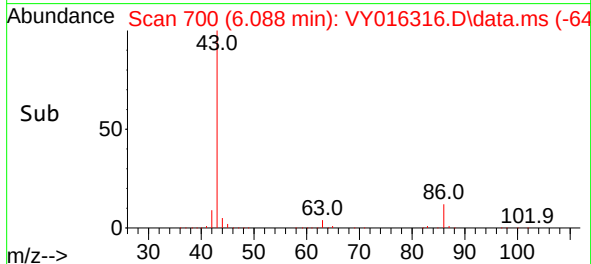
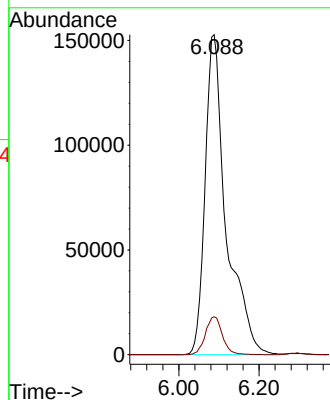
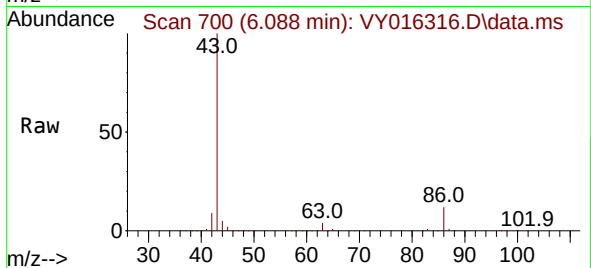
86 11.8 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023

Supervised By :Semsettin Yesilyurt 11/15/2023



#24

1,1-Dichloroethane

Concen: 47.346 ug/l

RT: 6.045 min Scan# 693

Delta R.T. 0.006 min

Lab File: VY016316.D

Acq: 13 Nov 2023 09:19

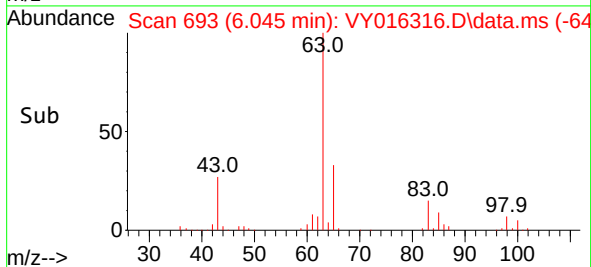
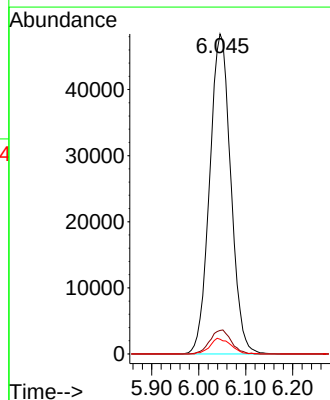
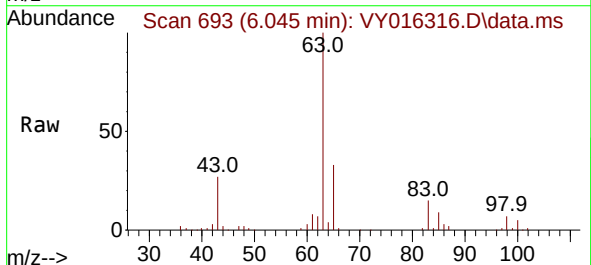
Tgt Ion: 63 Resp: 151325

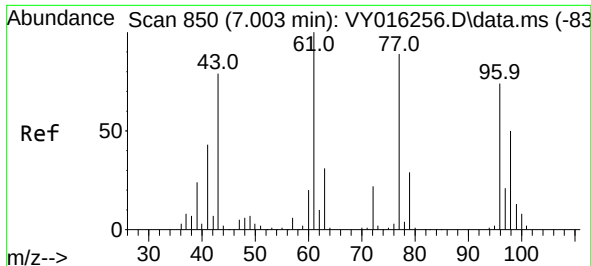
Ion Ratio Lower Upper

63 100

98 7.3 3.1 9.4

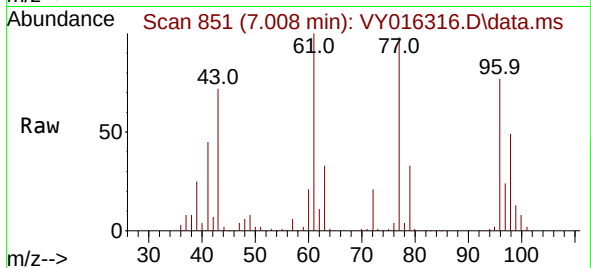
100 4.6 1.8 5.5





#25
2-Butanone
Concen: 211.109 ug/l
RT: 7.008 min Scan# 851
Delta R.T. 0.006 min
Lab File: VY016316.D
Acq: 13 Nov 2023 09:19

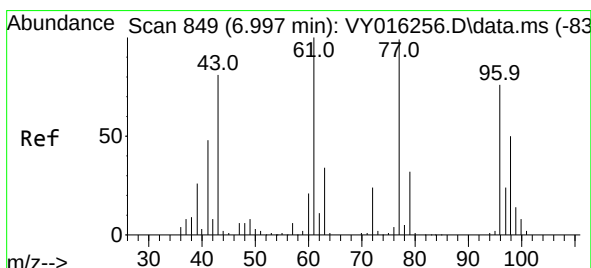
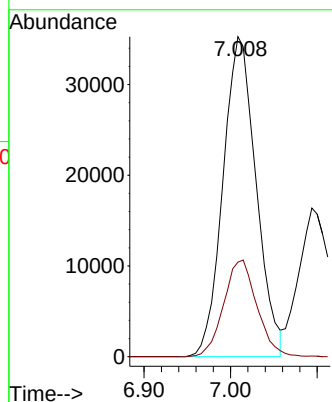
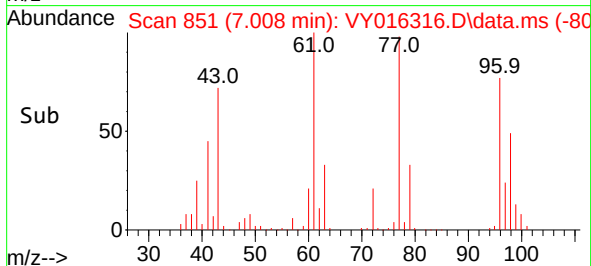
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 9371
Ion Ratio Lower Upper
43 100
72 29.6 20.5 30.7

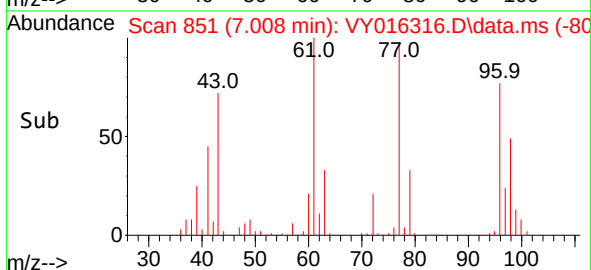
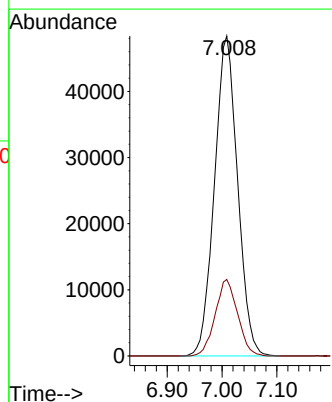
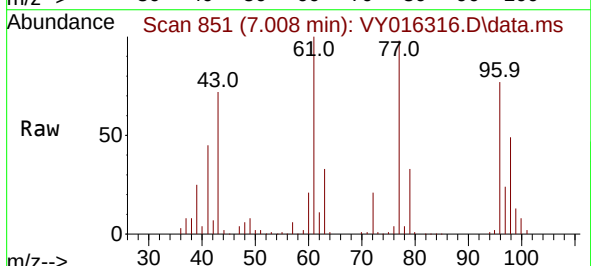
Manual Integrations
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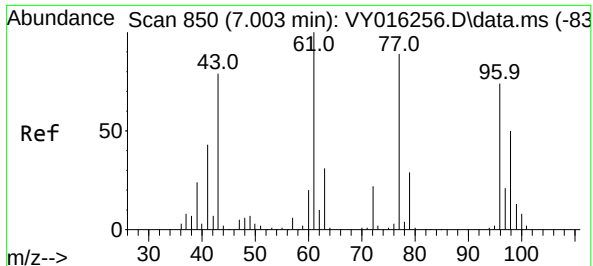
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#26
2,2-Dichloropropane
Concen: 48.722 ug/l
RT: 7.008 min Scan# 851
Delta R.T. 0.012 min
Lab File: VY016316.D
Acq: 13 Nov 2023 09:19

Tgt Ion: 77 Resp: 141730
Ion Ratio Lower Upper
77 100
97 23.2 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 47.565 ug/l

RT: 7.008 min Scan# 851

Delta R.T. 0.006 min

Lab File: VY016316.D

Acq: 13 Nov 2023 09:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 99984

Ion Ratio Lower Upper

96 100

61 136.0 0.0 301.4

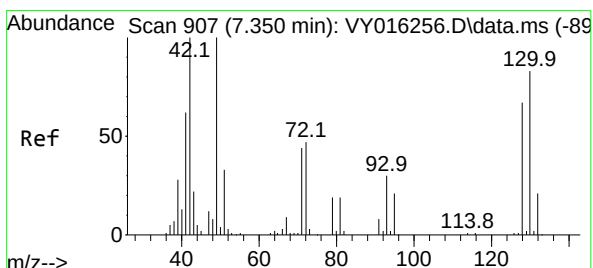
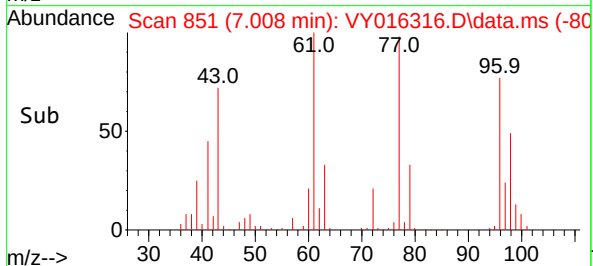
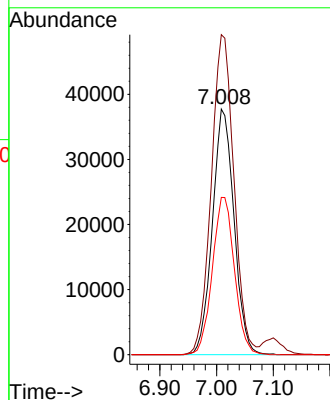
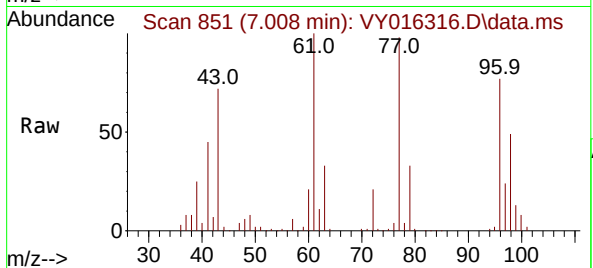
98 65.4 0.0 130.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023

Supervised By :Semsettin Yesilyurt 11/15/2023



#28

Bromochloromethane

Concen: 51.091 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY016316.D

Acq: 13 Nov 2023 09:19

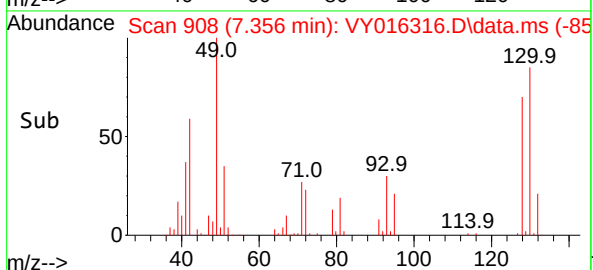
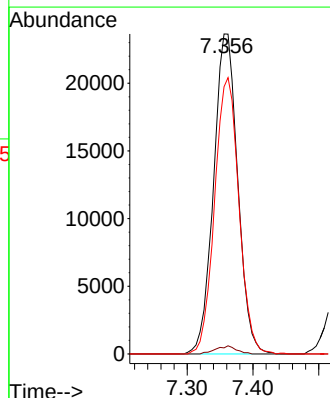
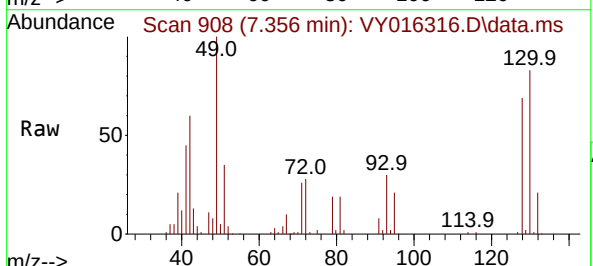
Tgt Ion: 49 Resp: 60436

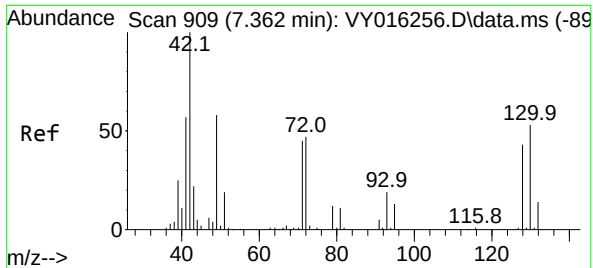
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.6

130 86.8 60.7 91.1





#29

Tetrahydrofuran

Concen: 204.902 ug/l

RT: 7.374 min Scan# 911

Delta R.T. 0.012 min

Lab File: VY016316.D

Acq: 13 Nov 2023 09:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

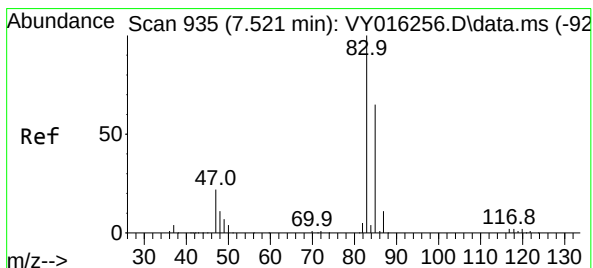
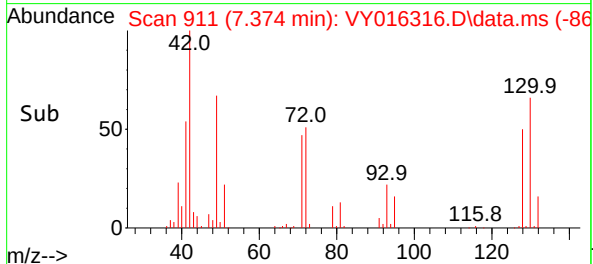
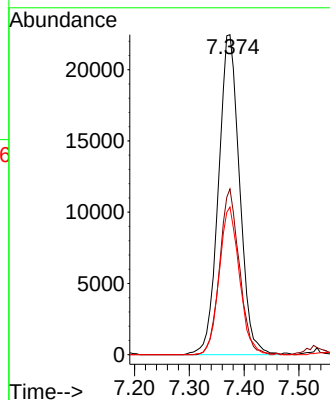
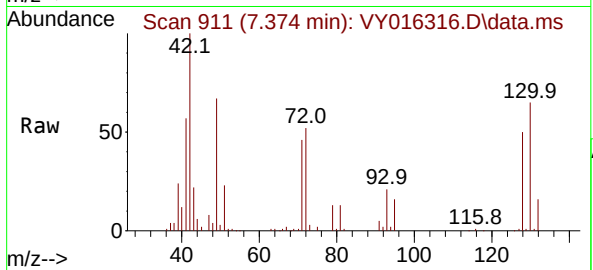
Tgt Ion: 42 Resp: 60120

Ion	Ratio	Lower	Upper
42	100		
72	48.4	32.8	49.2
71	44.3	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#30

Chloroform

Concen: 47.619 ug/l

RT: 7.527 min Scan# 936

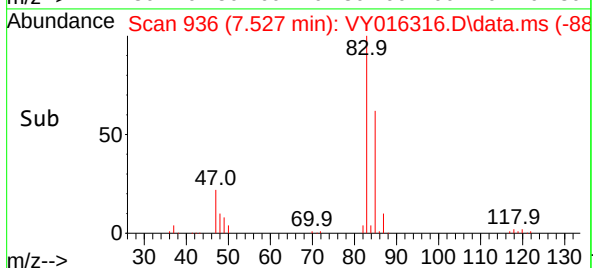
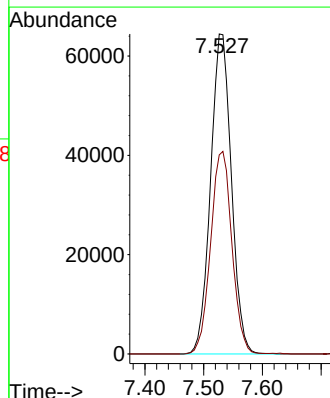
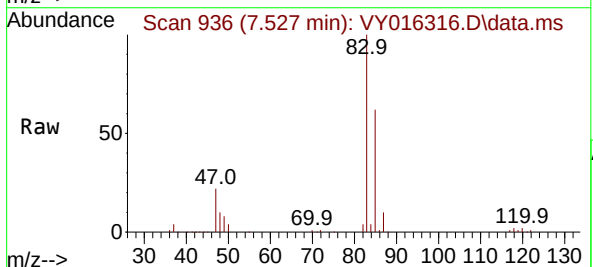
Delta R.T. 0.006 min

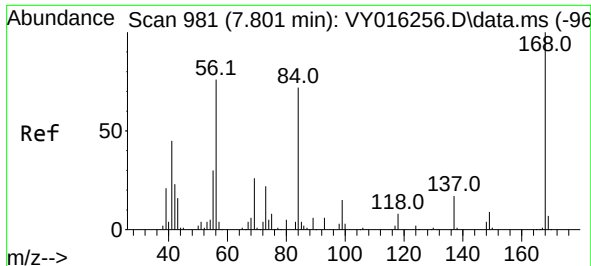
Lab File: VY016316.D

Acq: 13 Nov 2023 09:19

Tgt Ion: 83 Resp: 158423

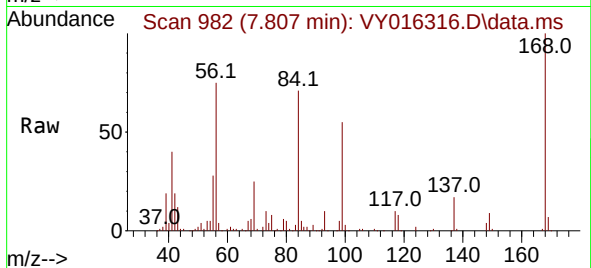
Ion	Ratio	Lower	Upper
83	100		
85	62.2	49.7	74.5





#31
Cyclohexane
Concen: 45.412 ug/l
RT: 7.807 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY016316.D
Acq: 13 Nov 2023 09:19

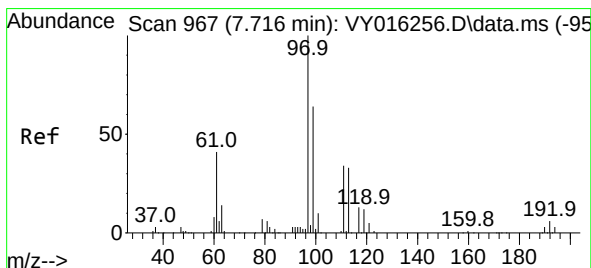
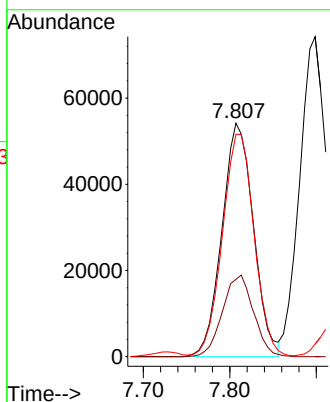
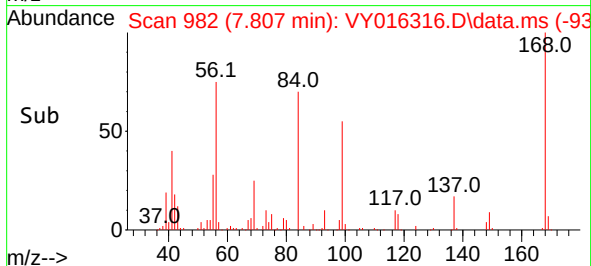
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 136988
Ion Ratio Lower Upper
56 100
69 33.1 27.8 41.6
84 93.8 66.4 99.6

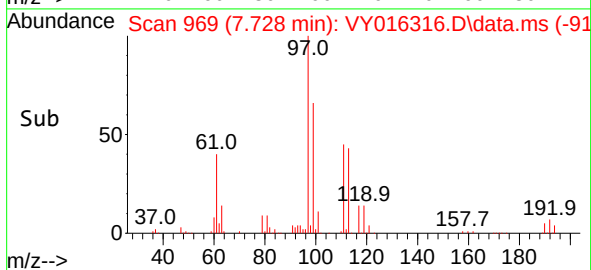
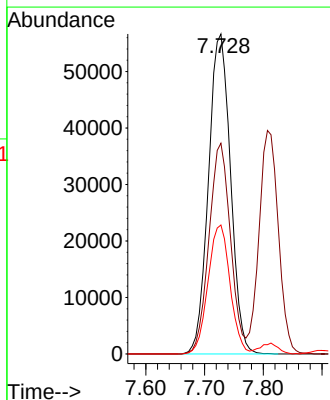
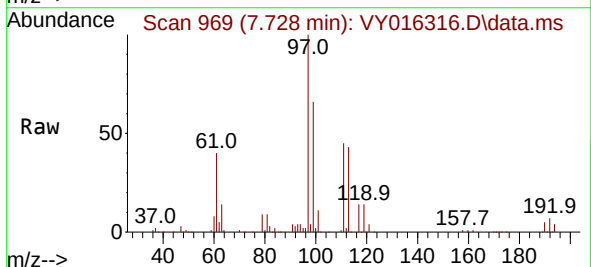
Manual Integrations
APPROVED

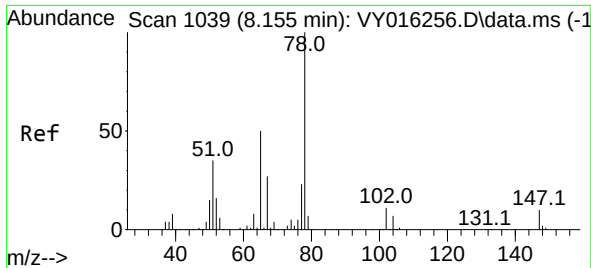
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#32
1,1,1-Trichloroethane
Concen: 48.367 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY016316.D
Acq: 13 Nov 2023 09:19

Tgt Ion: 97 Resp: 147499
Ion Ratio Lower Upper
97 100
99 64.5 50.8 76.2
61 40.4 35.1 52.7





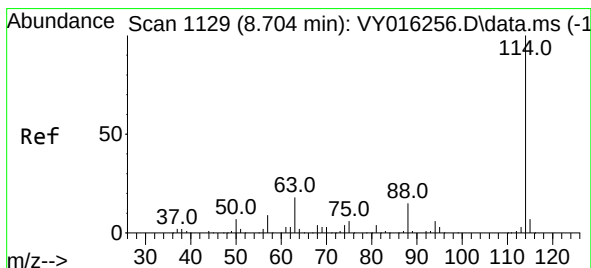
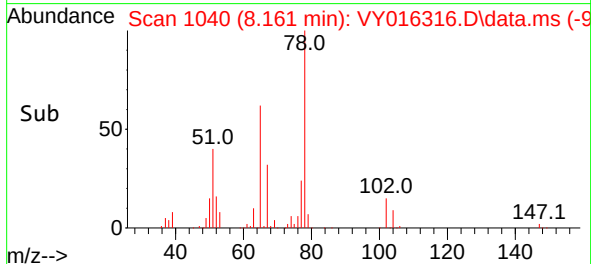
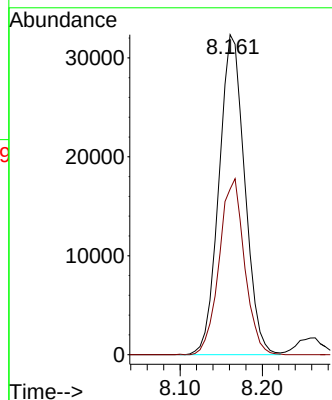
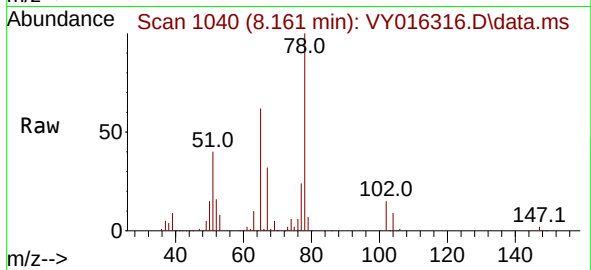
#33
1,2-Dichloroethane-d4
Concen: 45.947 ug/l
RT: 8.161 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VY016316.D
Acq: 13 Nov 2023 09:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 70398
Ion Ratio Lower Upper
65 100
67 54.0 0.0 101.8

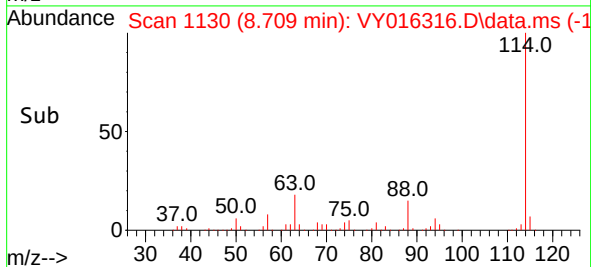
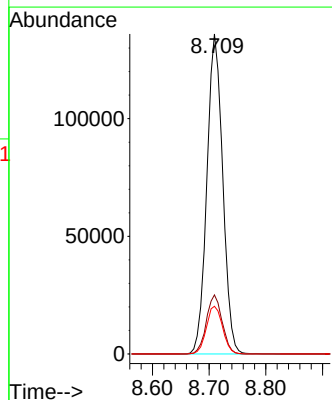
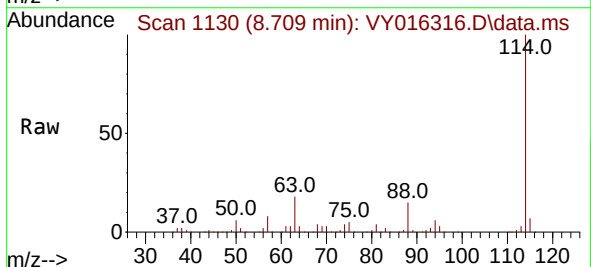
Manual Integrations
APPROVED

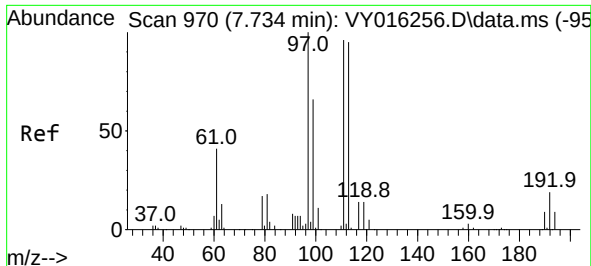
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.709 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VY016316.D
Acq: 13 Nov 2023 09:19

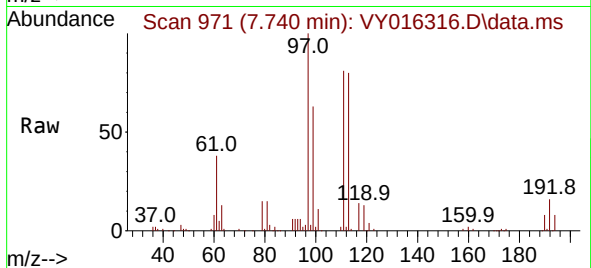
Tgt Ion:114 Resp: 263555
Ion Ratio Lower Upper
114 100
63 18.5 0.0 42.4
88 14.9 0.0 30.6





#35
Dibromofluoromethane
Concen: 51.415 ug/l
RT: 7.740 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016316.D
Acq: 13 Nov 2023 09:19

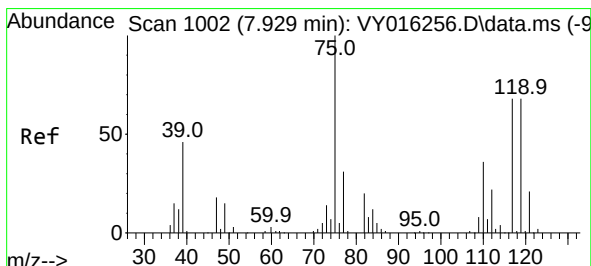
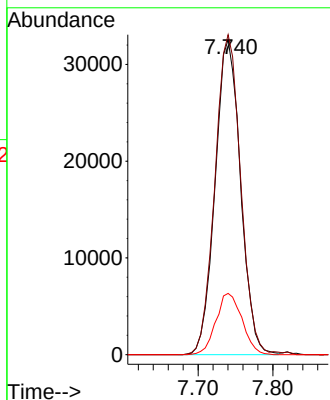
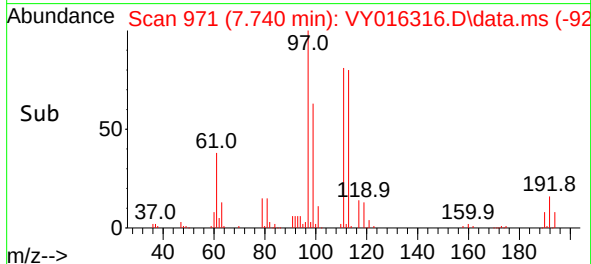
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



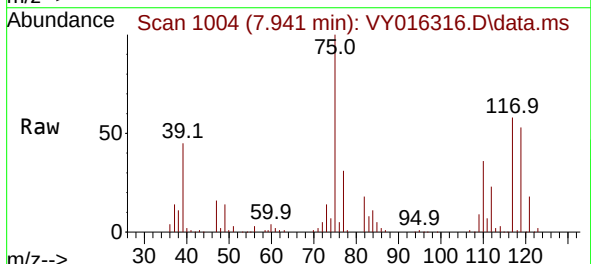
Tgt Ion:113 Resp: 7697
Ion Ratio Lower Upper
113 100
111 103.0 81.3 121.9
192 20.0 16.9 25.3

Manual Integrations
APPROVED

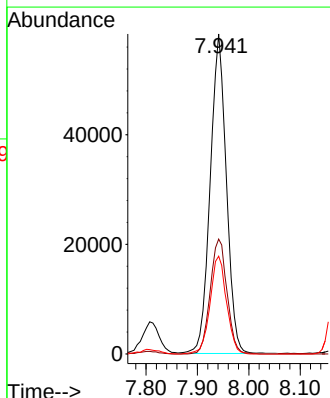
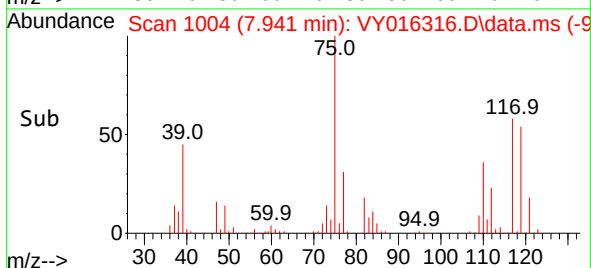
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

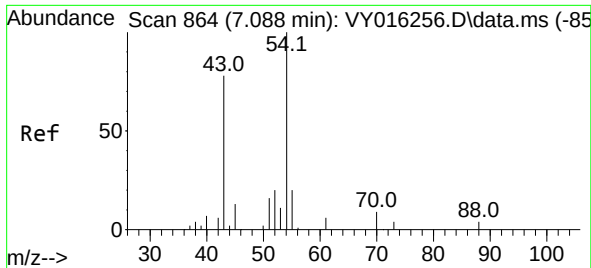


#36
1,1-Dichloropropene
Concen: 49.026 ug/l
RT: 7.941 min Scan# 1004
Delta R.T. 0.012 min
Lab File: VY016316.D
Acq: 13 Nov 2023 09:19



Tgt Ion: 75 Resp: 127453
Ion Ratio Lower Upper
75 100
110 37.2 17.8 53.5
77 31.2 24.4 36.6





#37
Ethyl Acetate
Concen: 41.512 ug/l
RT: 7.094 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY016316.D
Acq: 13 Nov 2023 09:19

Instrument :

MSVOA_Y

ClientSampleId :

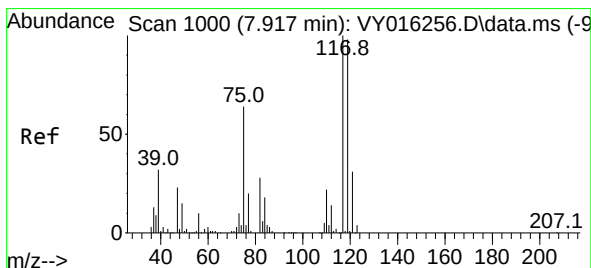
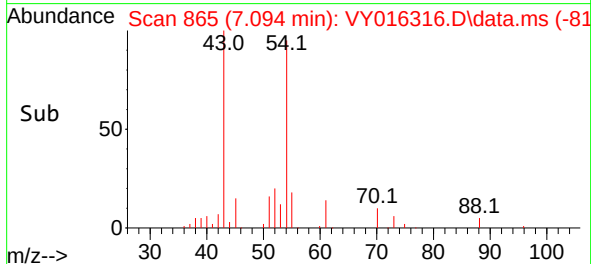
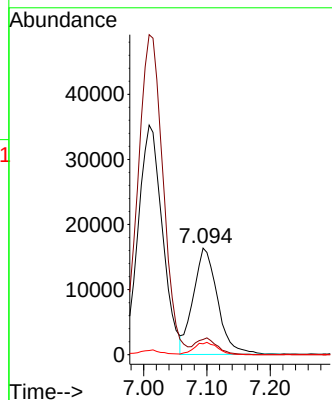
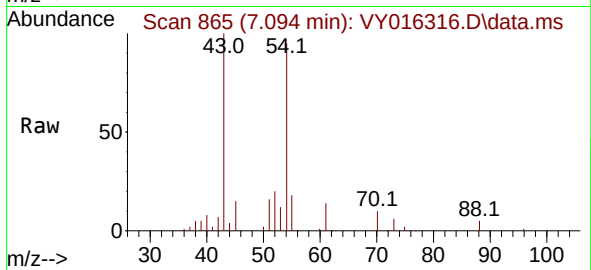
VSTDCCC050

Tgt Ion: 43 Resp: 43604
Ion Ratio Lower Upper
43 100
61 14.5 10.1 15.1
70 11.0 7.1 10.7

Manual Integrations

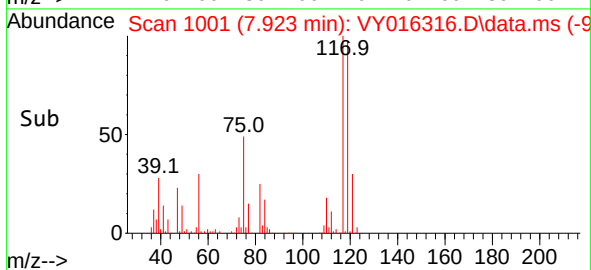
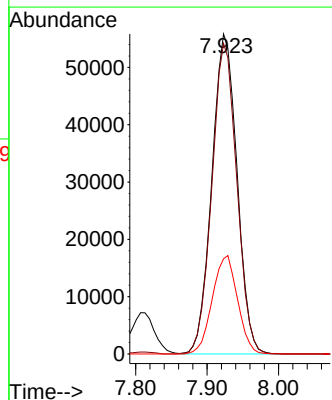
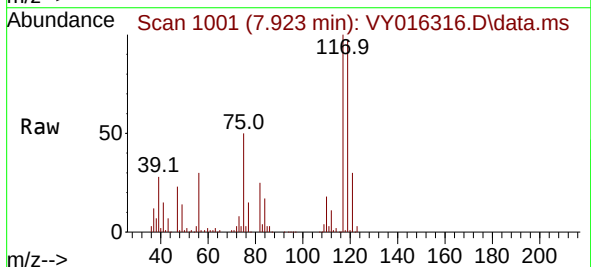
APPROVED

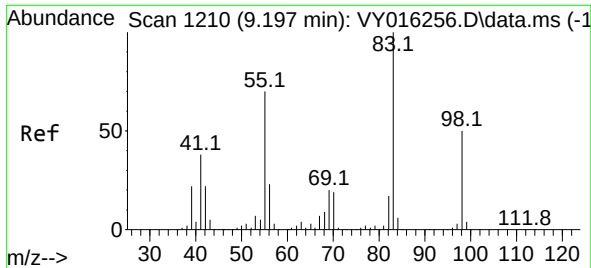
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#38
Carbon Tetrachloride
Concen: 50.632 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY016316.D
Acq: 13 Nov 2023 09:19

Tgt Ion:117 Resp: 136610
Ion Ratio Lower Upper
117 100
119 96.9 76.4 114.6
121 29.7 25.8 38.6





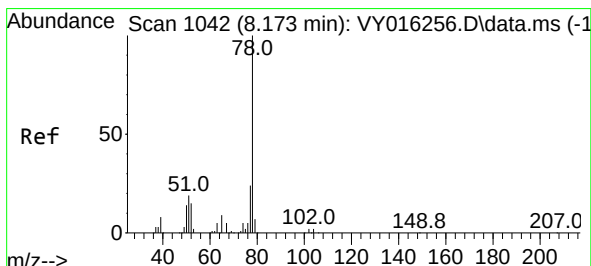
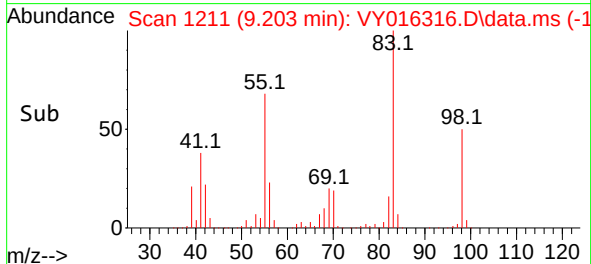
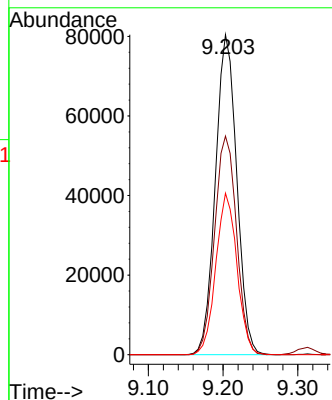
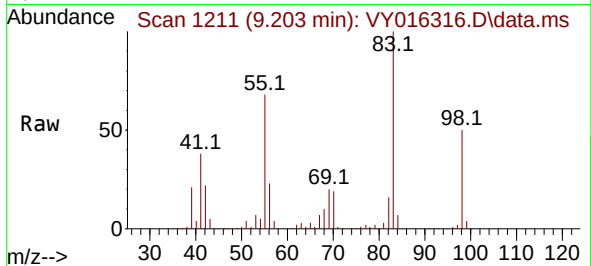
#39
Methylcyclohexane
Concen: 49.407 ug/l
RT: 9.203 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016316.D
Acq: 13 Nov 2023 09:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 16004
Ion Ratio Lower Upper
83 100
55 68.3 63.0 94.4
98 50.5 37.4 56.2

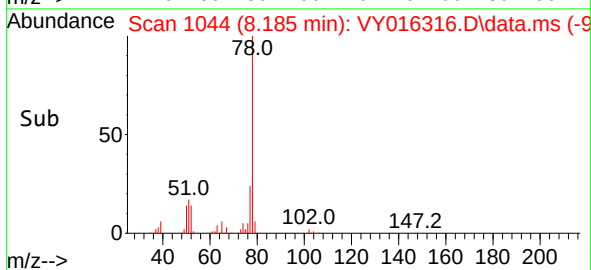
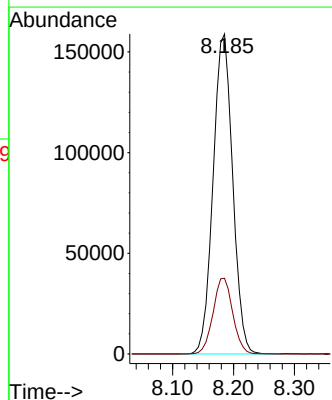
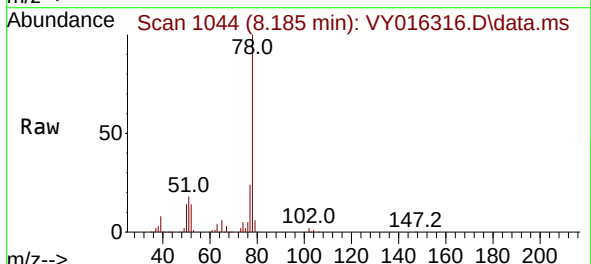
Manual Integrations
APPROVED

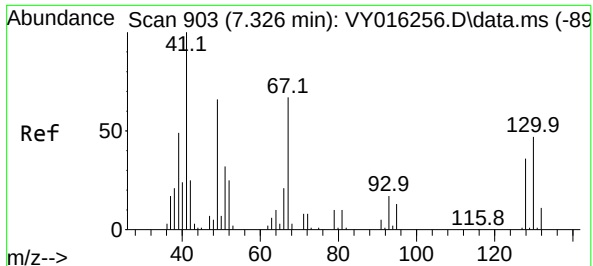
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#40
Benzene
Concen: 48.491 ug/l
RT: 8.185 min Scan# 1044
Delta R.T. 0.012 min
Lab File: VY016316.D
Acq: 13 Nov 2023 09:19

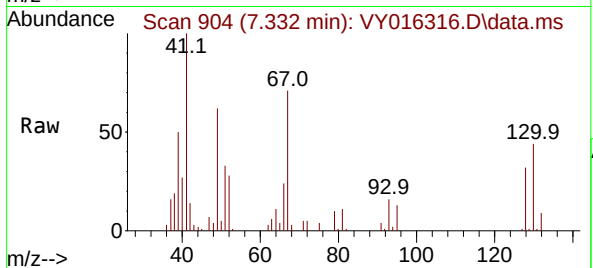
Tgt Ion: 78 Resp: 354176
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.6





#41
Methacrylonitrile
Concen: 51.040 ug/l
RT: 7.332 min Scan# 903
Delta R.T. 0.006 min
Lab File: VY016316.D
Acq: 13 Nov 2023 09:19

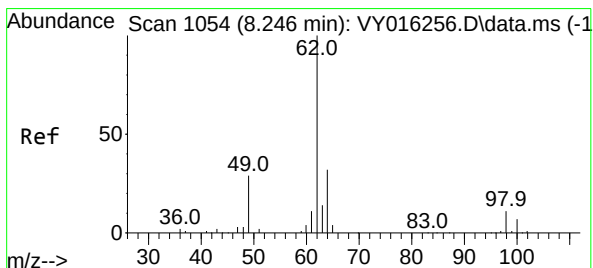
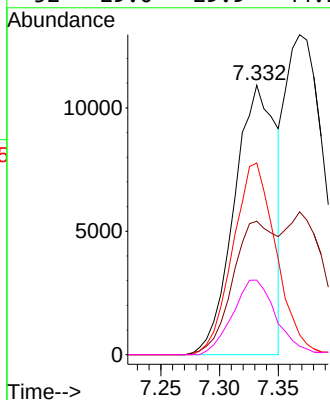
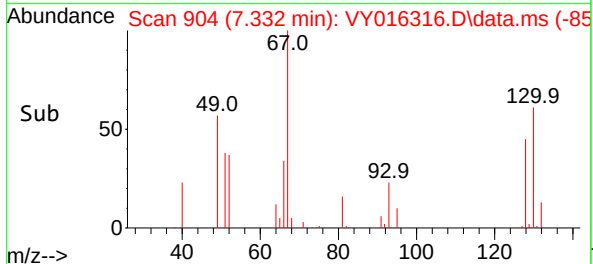
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 27032
Ion Ratio Lower Upper
41 100
39 51.9 52.1 78.1
67 74.2 66.2 99.2
52 29.0 29.9 44.9

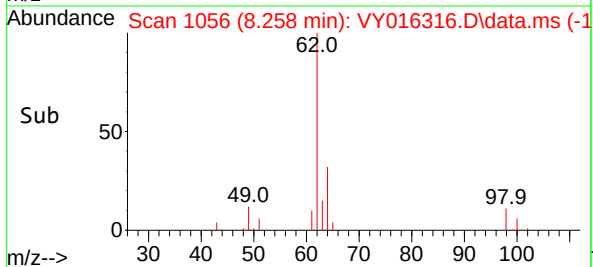
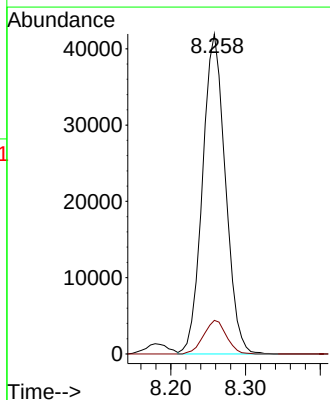
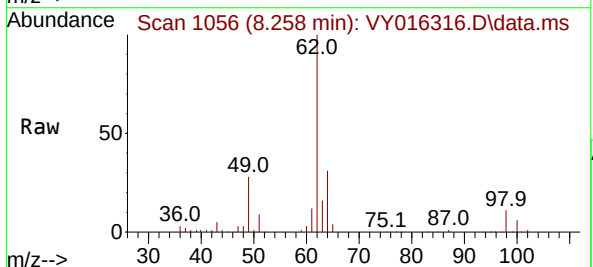
Manual Integrations
APPROVED

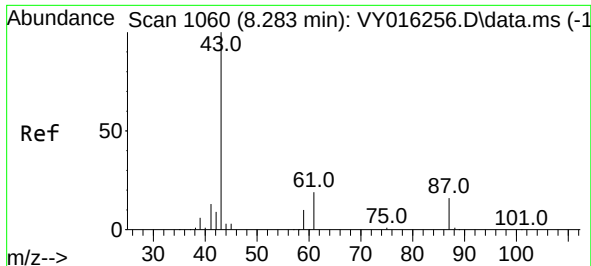
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#42
1,2-Dichloroethane
Concen: 47.091 ug/l
RT: 8.258 min Scan# 1056
Delta R.T. 0.012 min
Lab File: VY016316.D
Acq: 13 Nov 2023 09:19

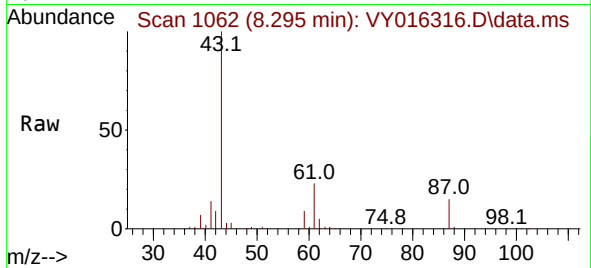
Tgt Ion: 62 Resp: 89118
Ion Ratio Lower Upper
62 100
98 10.4 0.0 15.8





#43
Isopropyl Acetate
Concen: 42.805 ug/l
RT: 8.295 min Scan# 1062
Delta R.T. 0.012 min
Lab File: VY016316.D
Acq: 13 Nov 2023 09:19

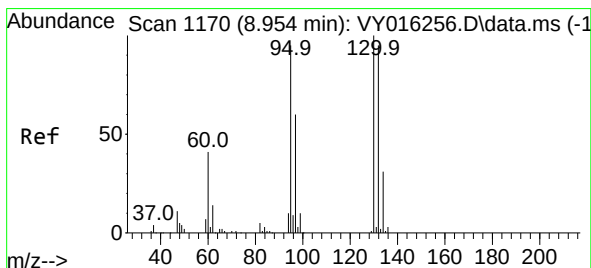
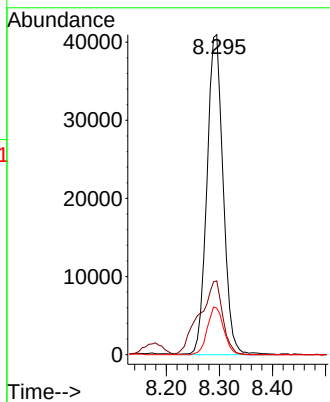
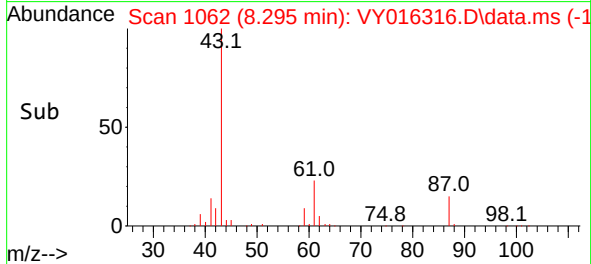
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 8691
Ion Ratio Lower Upper
43 100
61 33.0 21.1 31.7
87 15.0 9.8 14.8

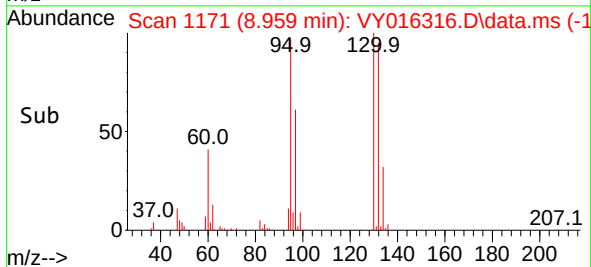
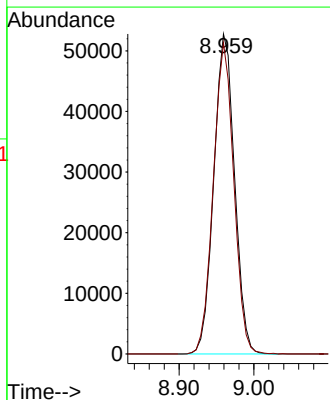
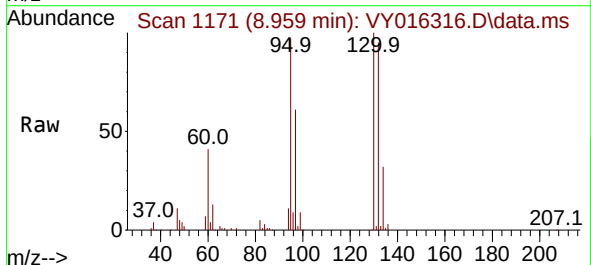
Manual Integrations
APPROVED

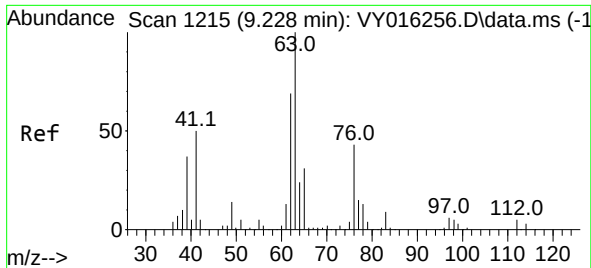
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#44
Trichloroethene
Concen: 48.557 ug/l
RT: 8.959 min Scan# 1171
Delta R.T. 0.006 min
Lab File: VY016316.D
Acq: 13 Nov 2023 09:19

Tgt Ion:130 Resp: 101928
Ion Ratio Lower Upper
130 100
95 97.2 0.0 196.0





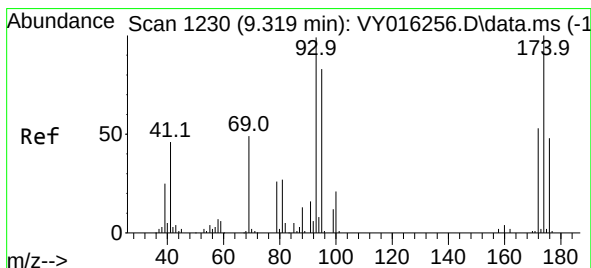
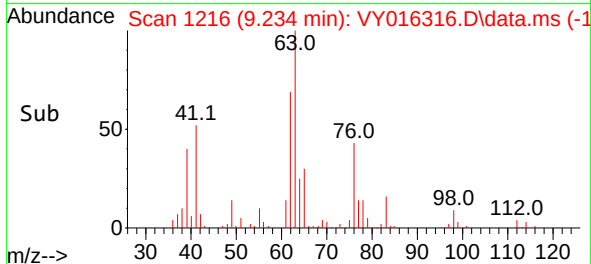
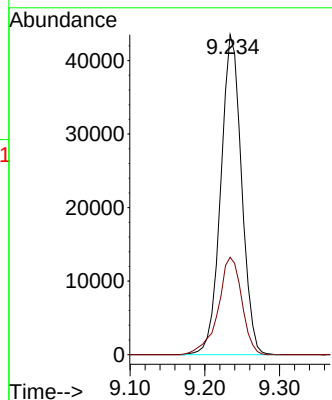
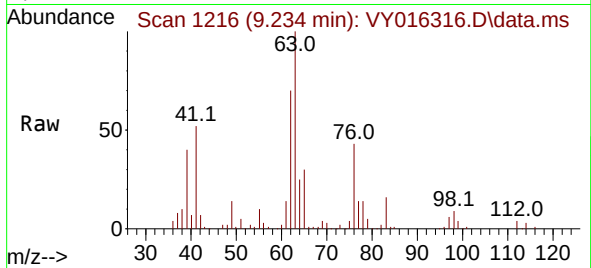
#45
1,2-Dichloropropane
Concen: 47.931 ug/l
RT: 9.234 min Scan# 1216
Delta R.T. 0.006 min
Lab File: VY016316.D
Acq: 13 Nov 2023 09:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 8407
Ion Ratio Lower Upper
63 100
65 30.5 23.8 35.6

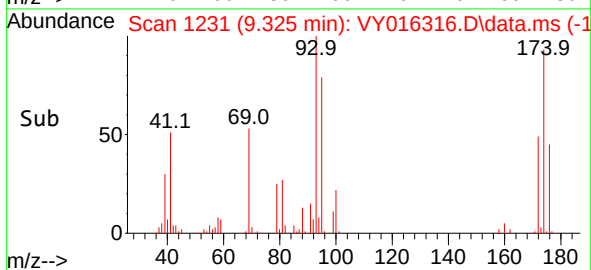
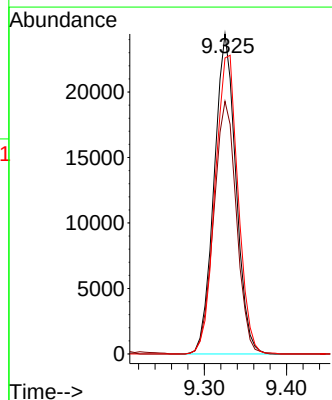
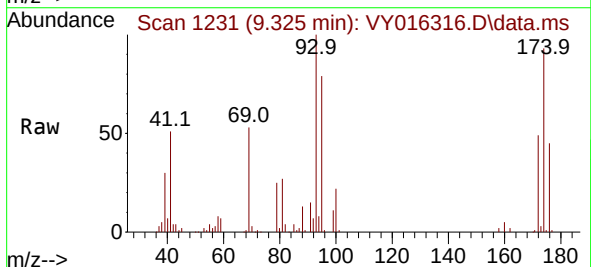
Manual Integrations
APPROVED

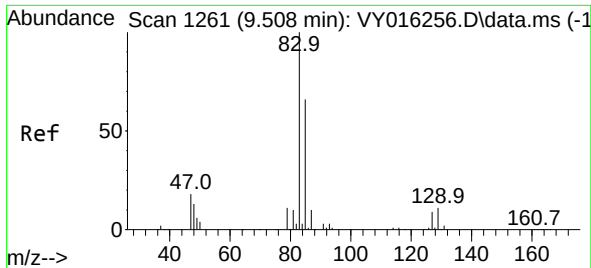
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#46
Dibromomethane
Concen: 47.345 ug/l
RT: 9.325 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY016316.D
Acq: 13 Nov 2023 09:19

Tgt Ion: 93 Resp: 45004
Ion Ratio Lower Upper
93 100
95 81.9 66.6 100.0
174 98.4 84.8 127.2





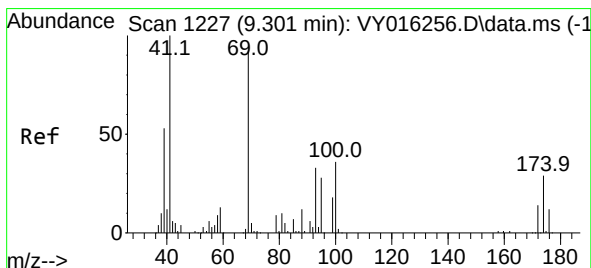
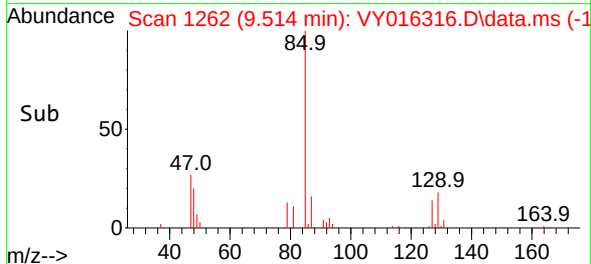
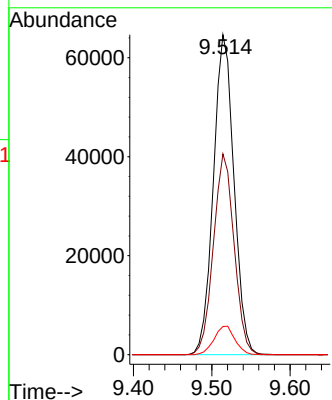
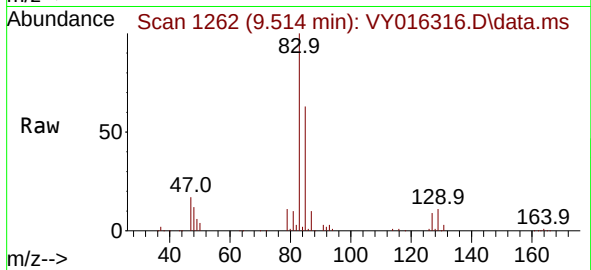
#47
Bromodichloromethane
Concen: 48.246 ug/l
RT: 9.514 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VY016316.D
Acq: 13 Nov 2023 09:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 11790
Ion Ratio Lower Upper
83 100
85 62.7 50.1 75.1
127 8.8 7.1 10.7

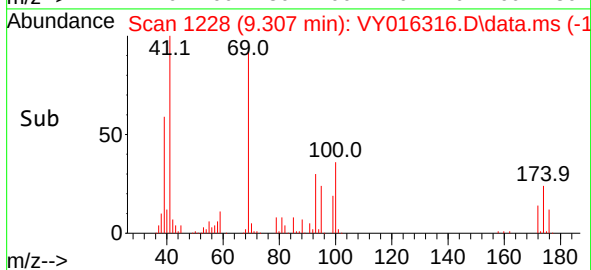
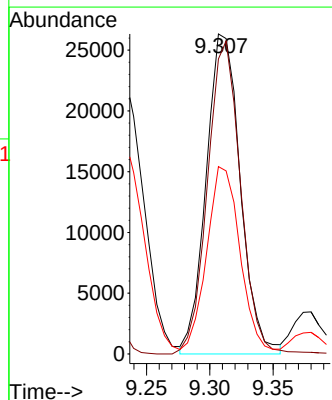
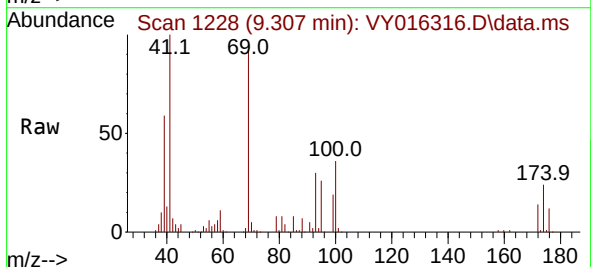
Manual Integrations
APPROVED

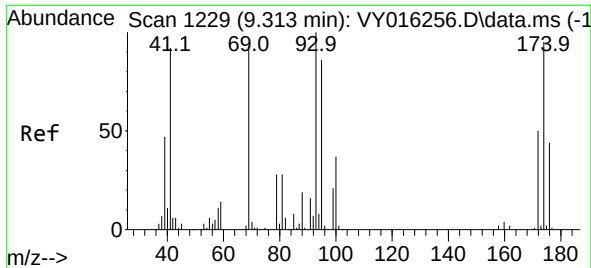
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#48
Methyl methacrylate
Concen: 44.137 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY016316.D
Acq: 13 Nov 2023 09:19

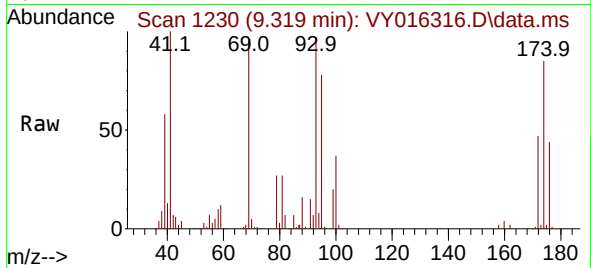
Tgt Ion: 41 Resp: 49528
Ion Ratio Lower Upper
41 100
69 94.4 64.5 96.7
39 54.9 50.8 76.2





#49
1,4-Dioxane
Concen: 800.280 ug/l
RT: 9.319 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VY016316.D
Acq: 13 Nov 2023 09:19

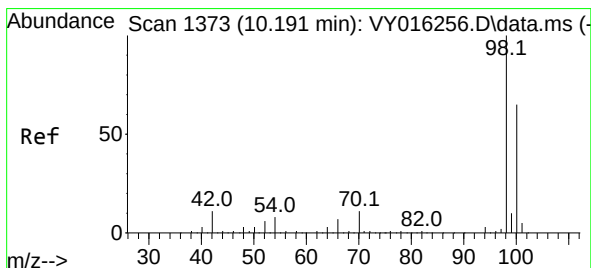
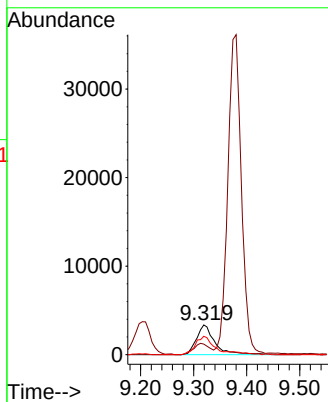
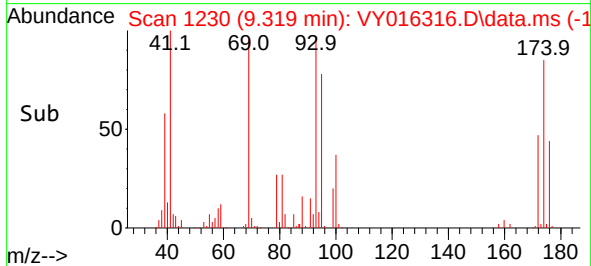
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 8070
Ion Ratio Lower Upper
88 100
43 32.7 0.0 0.0
58 68.4 30.9 46.3

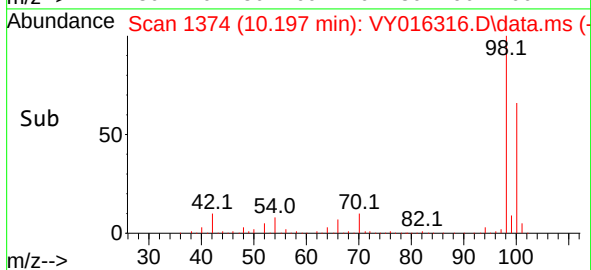
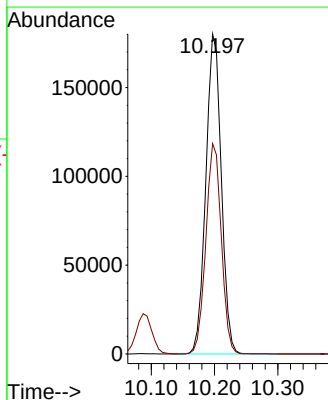
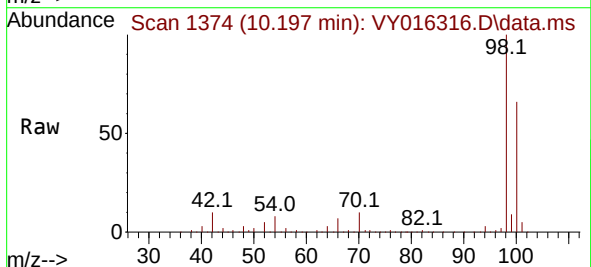
Manual Integrations
APPROVED

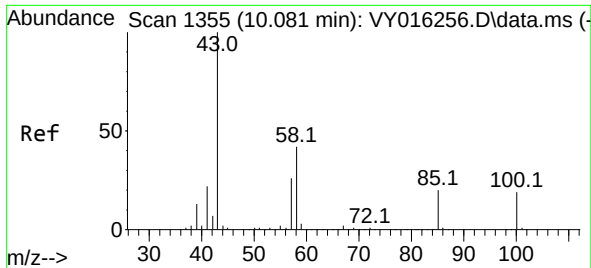
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#50
Toluene-d8
Concen: 50.560 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. 0.006 min
Lab File: VY016316.D
Acq: 13 Nov 2023 09:19

Tgt Ion: 98 Resp: 306966
Ion Ratio Lower Upper
98 100
100 65.7 50.1 75.1





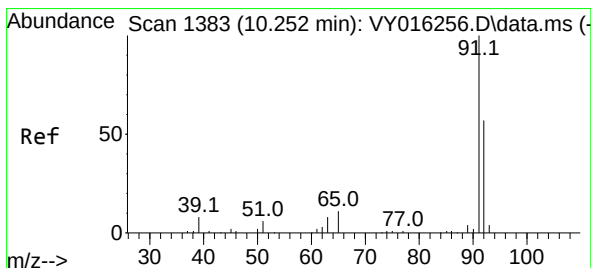
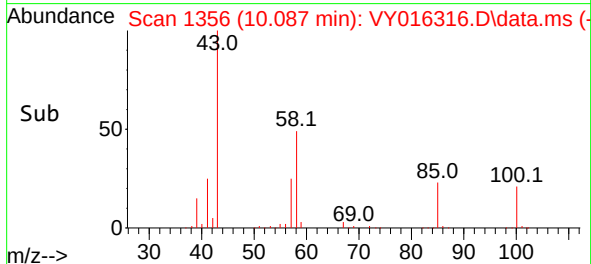
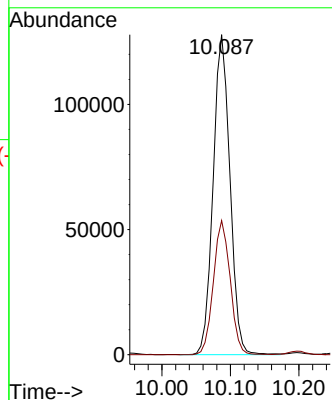
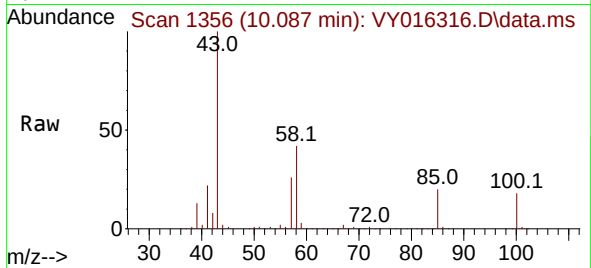
#51
4-Methyl-2-Pentanone
Concen: 212.152 ug/l
RT: 10.087 min Scan# 1355
Delta R.T. 0.006 min
Lab File: VY016316.D
Acq: 13 Nov 2023 09:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 21782
Ion Ratio Lower Upper
43 100
58 41.8 29.0 43.6

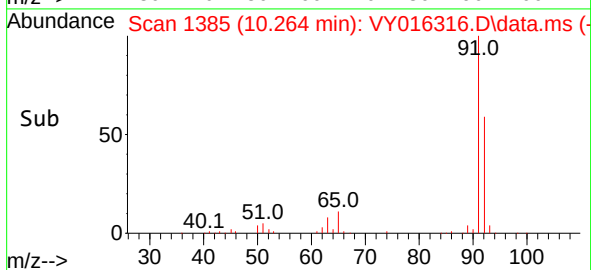
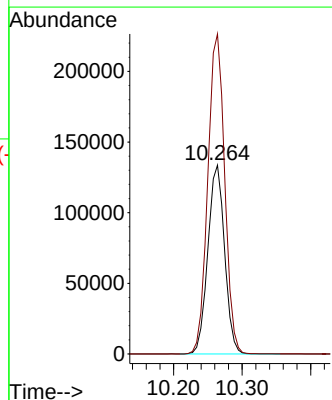
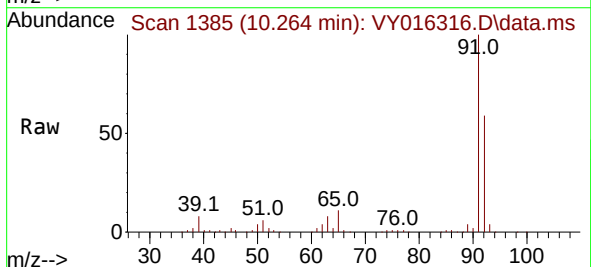
Manual Integrations
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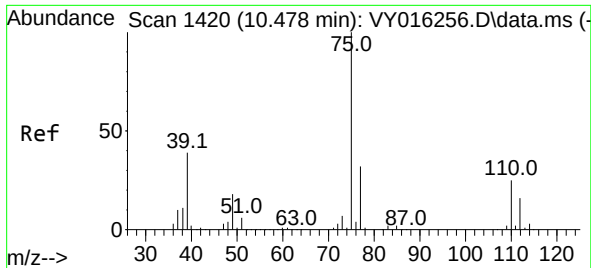
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#52
Toluene
Concen: 49.113 ug/l
RT: 10.264 min Scan# 1385
Delta R.T. 0.012 min
Lab File: VY016316.D
Acq: 13 Nov 2023 09:19

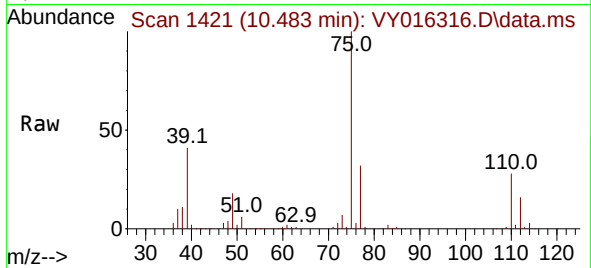
Tgt Ion: 92 Resp: 226752
Ion Ratio Lower Upper
92 100
91 171.1 143.8 215.6





#53
 t-1,3-Dichloropropene
 Concen: 47.276 ug/l
 RT: 10.483 min Scan# 1420
 Delta R.T. 0.006 min
 Lab File: VY016316.D
 Acq: 13 Nov 2023 09:19

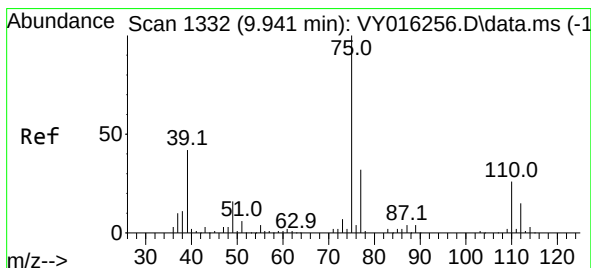
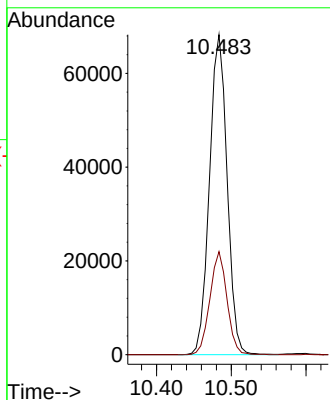
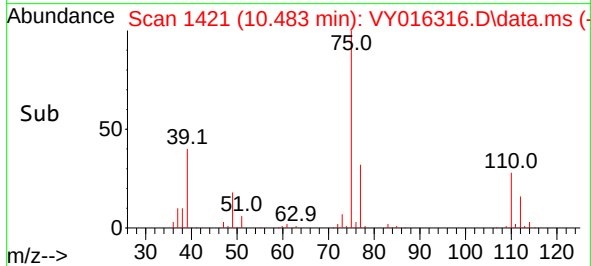
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 75 Resp: 111999
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.0 37.4

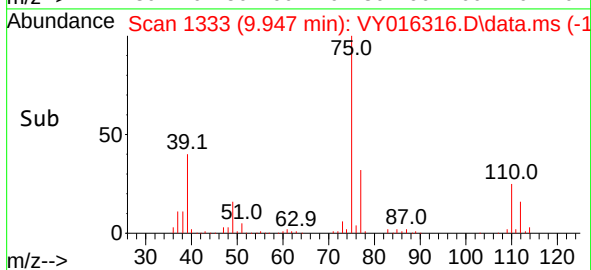
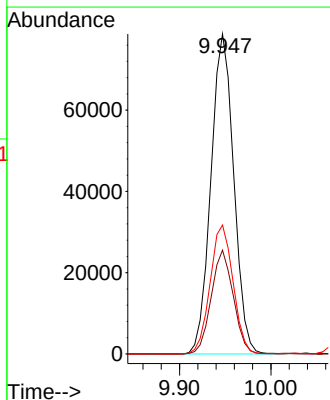
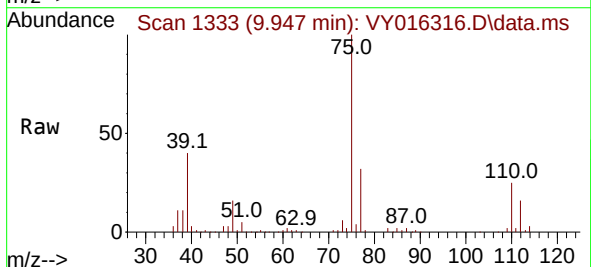
Manual Integrations
 APPROVED

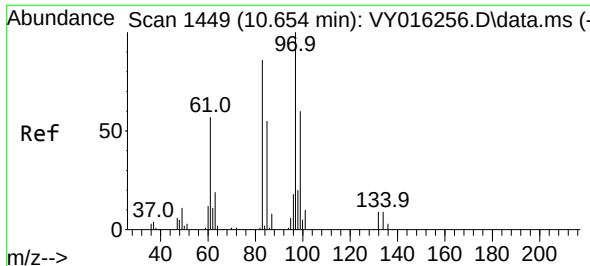
Reviewed By :Mahesh Dadoda 11/15/2023
 Supervised By :Semsettin Yesilyurt 11/15/2023



#54
 cis-1,3-Dichloropropene
 Concen: 48.273 ug/l
 RT: 9.947 min Scan# 1333
 Delta R.T. 0.006 min
 Lab File: VY016316.D
 Acq: 13 Nov 2023 09:19

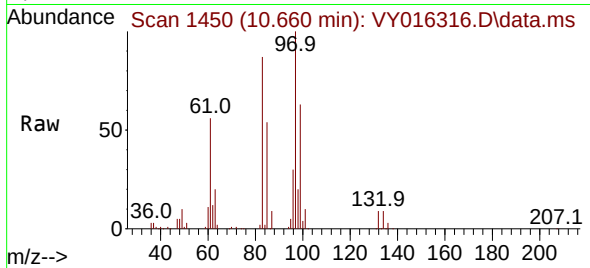
Tgt Ion: 75 Resp: 136592
 Ion Ratio Lower Upper
 75 100
 77 32.4 24.2 36.4
 39 40.3 42.2 63.4#





#55
1,1,2-Trichloroethane
Concen: 47.264 ug/l
RT: 10.660 min Scan# 1449
Delta R.T. 0.006 min
Lab File: VY016316.D
Acq: 13 Nov 2023 09:19

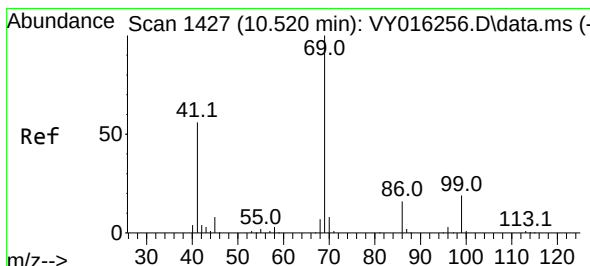
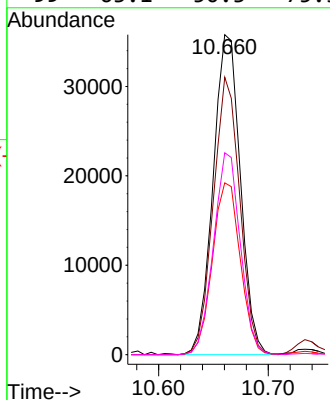
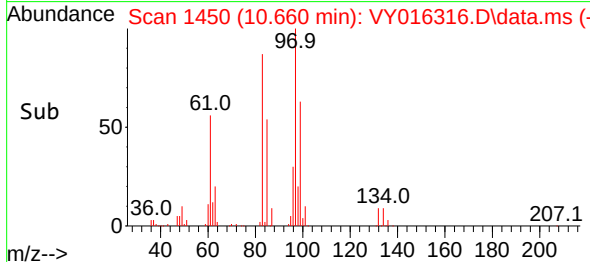
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



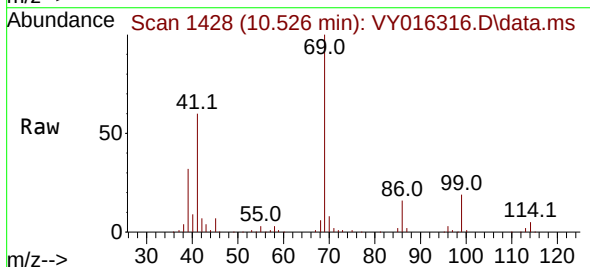
Tgt Ion: 97 Resp: 61923
Ion Ratio Lower Upper
97 100
83 86.7 72.0 108.0
85 53.7 45.4 68.0
99 63.1 50.3 75.5

Manual Integrations
APPROVED

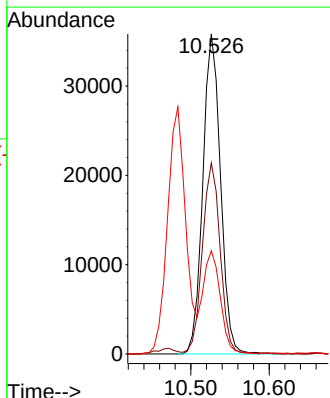
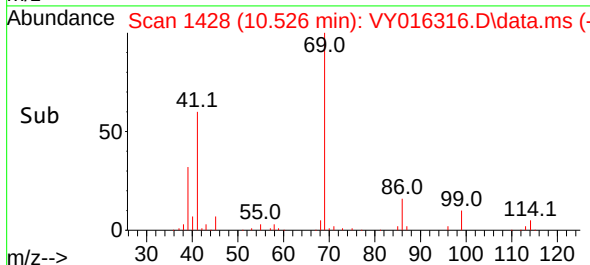
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

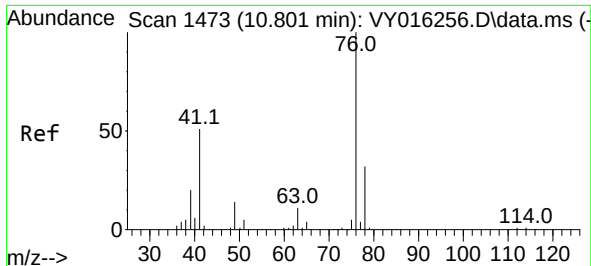


#56
Ethyl methacrylate
Concen: 45.373 ug/l
RT: 10.526 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VY016316.D
Acq: 13 Nov 2023 09:19



Tgt Ion: 69 Resp: 56115
Ion Ratio Lower Upper
69 100
41 59.4 57.6 86.4
39 31.2 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 47.061 ug/l

RT: 10.807 min Scan# 1473

Delta R.T. 0.006 min

Lab File: VY016316.D

Acq: 13 Nov 2023 09:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 105099

Ion Ratio Lower Upper

76 100

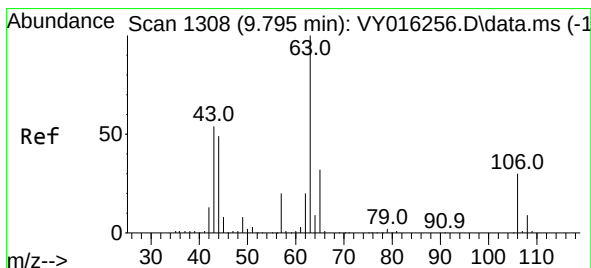
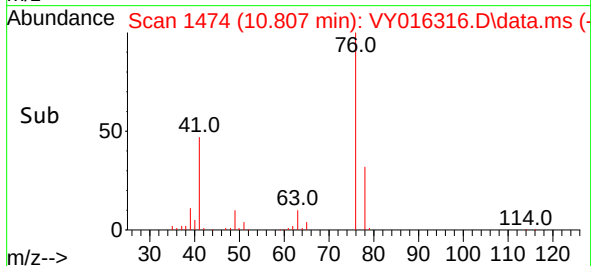
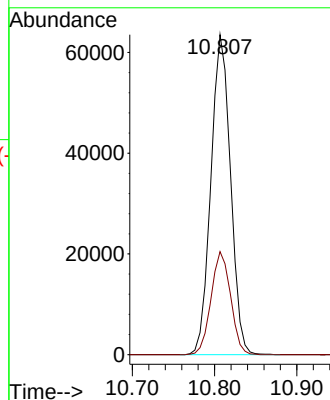
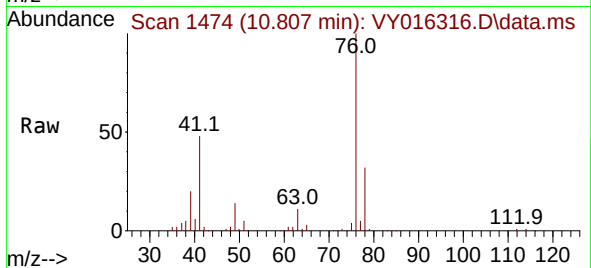
78 32.1 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023

Supervised By :Semsettin Yesilyurt 11/15/2023



#58

2-Chloroethyl Vinyl ether

Concen: 238.434 ug/l

RT: 9.801 min Scan# 1309

Delta R.T. 0.006 min

Lab File: VY016316.D

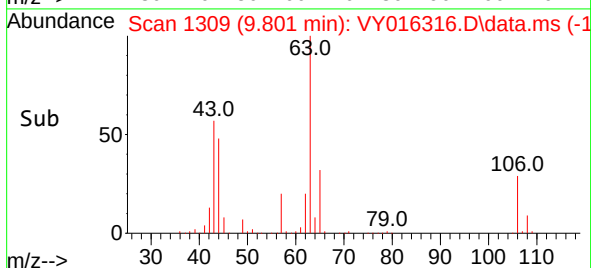
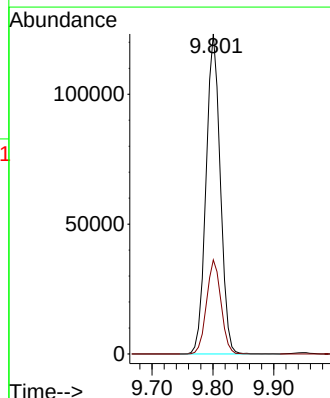
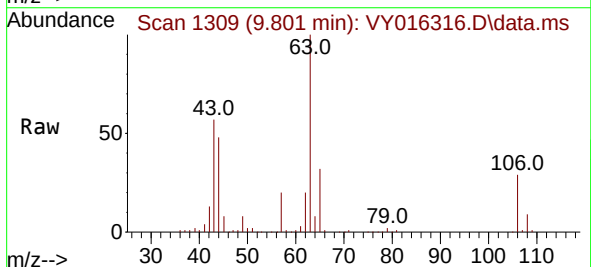
Acq: 13 Nov 2023 09:19

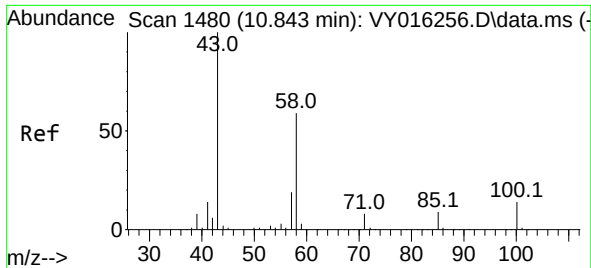
Tgt Ion: 63 Resp: 199949

Ion Ratio Lower Upper

63 100

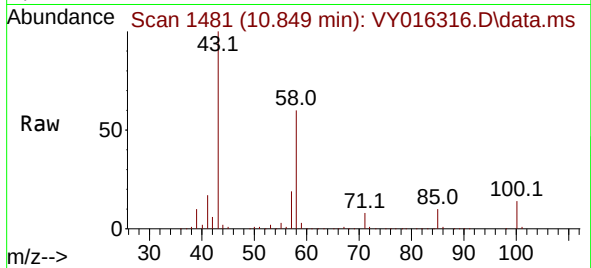
106 29.8 21.2 31.8





#59
2-Hexanone
Concen: 198.789 ug/l
RT: 10.849 min Scan# 1480
Delta R.T. 0.006 min
Lab File: VY016316.D
Acq: 13 Nov 2023 09:19

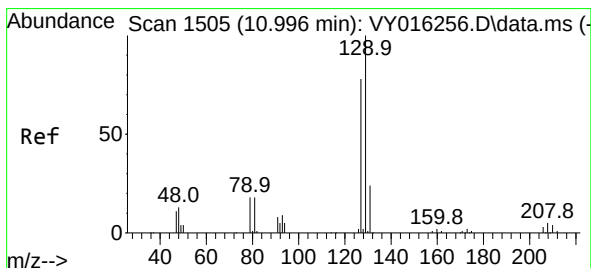
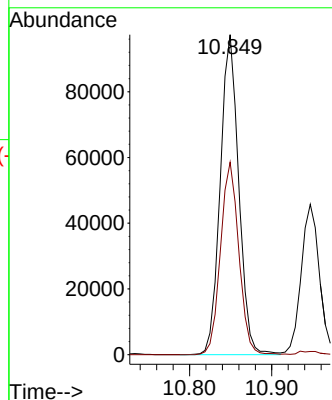
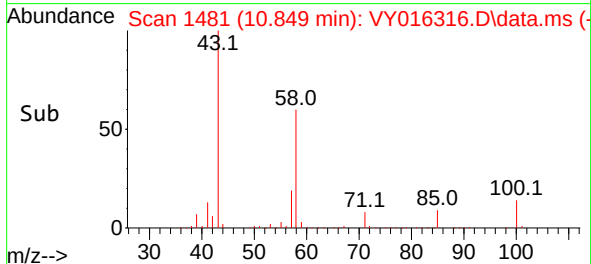
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 151810
Ion Ratio Lower Upper
43 100
58 59.7 25.1 75.3

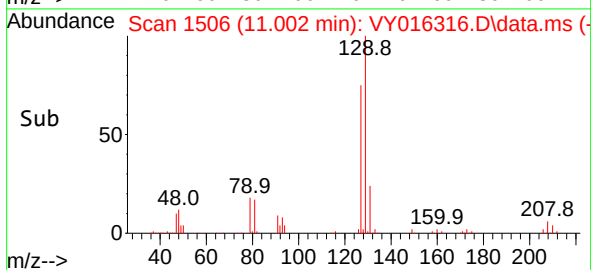
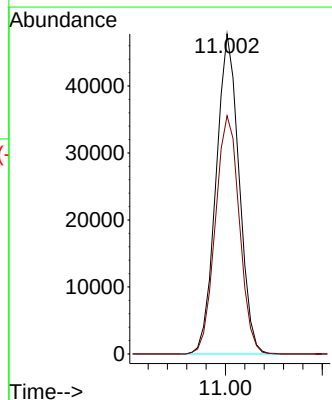
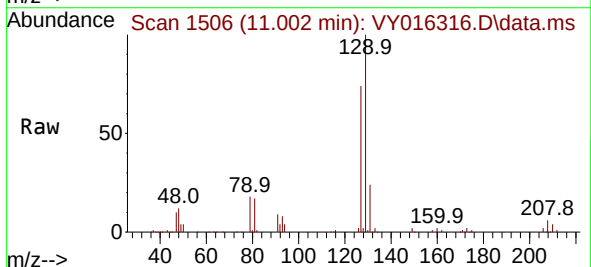
Manual Integrations
APPROVED

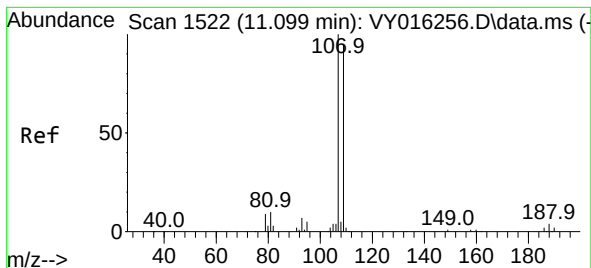
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#60
Dibromochloromethane
Concen: 48.133 ug/l
RT: 11.002 min Scan# 1506
Delta R.T. 0.006 min
Lab File: VY016316.D
Acq: 13 Nov 2023 09:19

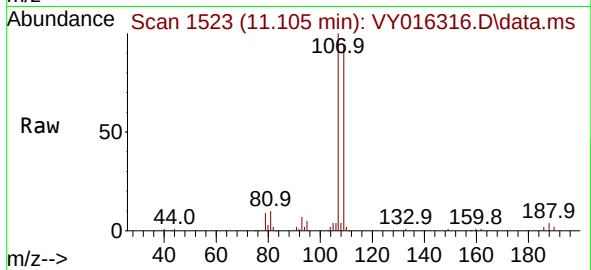
Tgt Ion:129 Resp: 78868
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.5





#61
1,2-Dibromoethane
Concen: 46.041 ug/l
RT: 11.105 min Scan# 1523
Delta R.T. 0.006 min
Lab File: VY016316.D
Acq: 13 Nov 2023 09:19

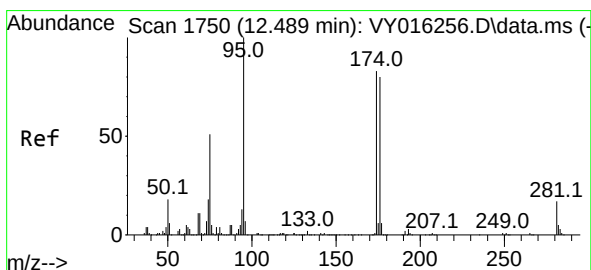
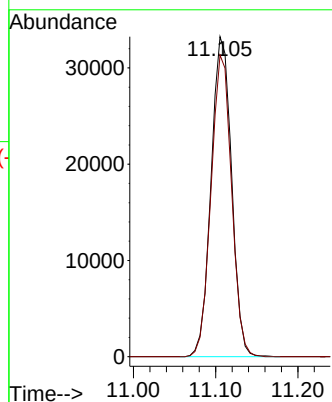
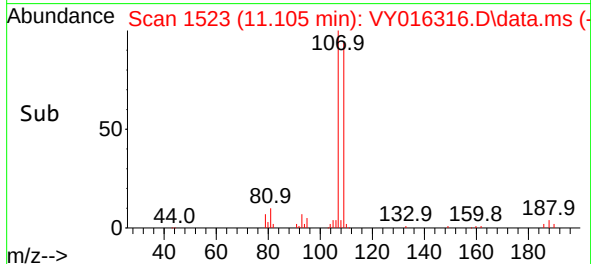
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



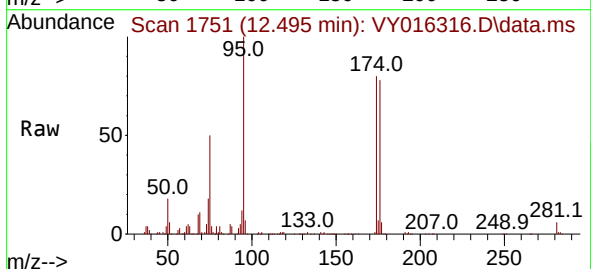
Tgt Ion:107 Resp: 57468
Ion Ratio Lower Upper
107 100
109 94.4 75.6 113.4

Manual Integrations
APPROVED

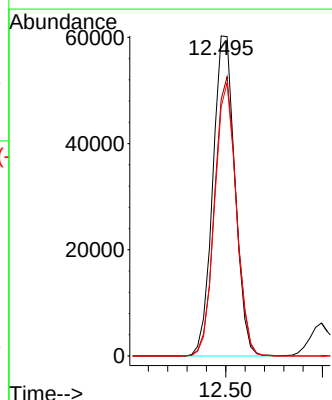
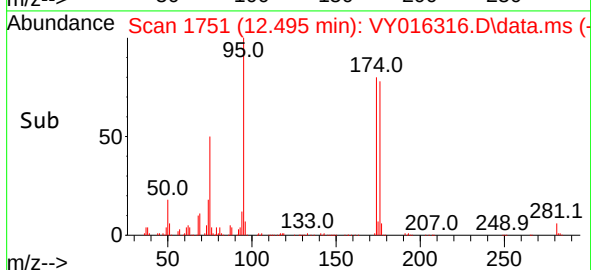
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

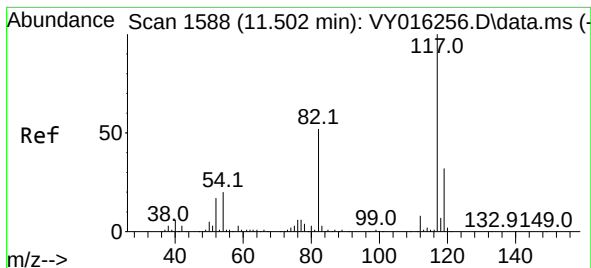


#62
4-Bromofluorobenzene
Concen: 48.633 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016316.D
Acq: 13 Nov 2023 09:19



Tgt Ion: 95 Resp: 95897
Ion Ratio Lower Upper
95 100
174 85.1 0.0 178.2
176 83.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.508 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016316.D

Acq: 13 Nov 2023 09:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:117 Resp: 22485

Ion Ratio Lower Upper

117 100

82 53.9 43.4 65.0

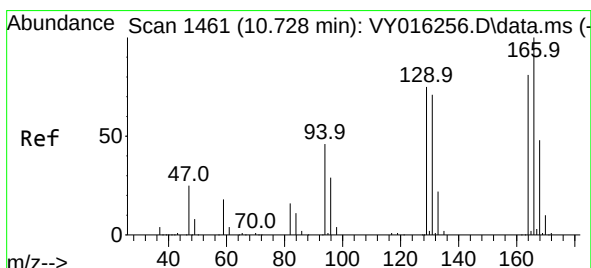
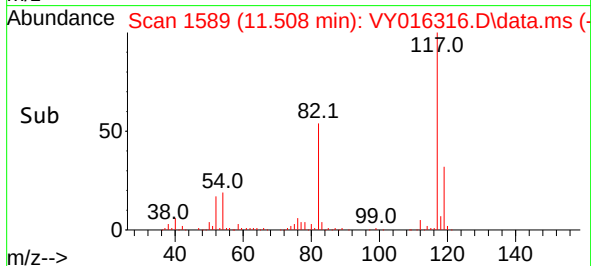
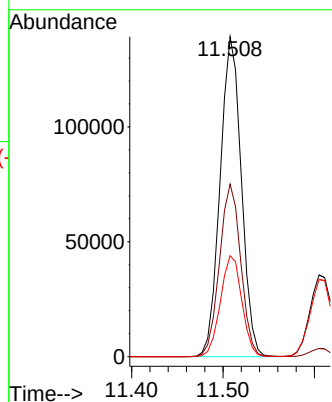
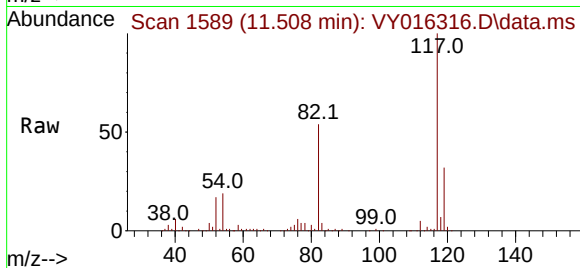
119 31.5 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023

Supervised By :Semsettin Yesilyurt 11/15/2023



#64

Tetrachloroethene

Concen: 49.666 ug/l

RT: 10.739 min Scan# 1463

Delta R.T. 0.012 min

Lab File: VY016316.D

Acq: 13 Nov 2023 09:19

Tgt Ion:164 Resp: 100274

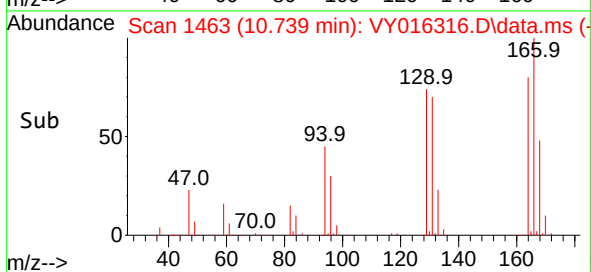
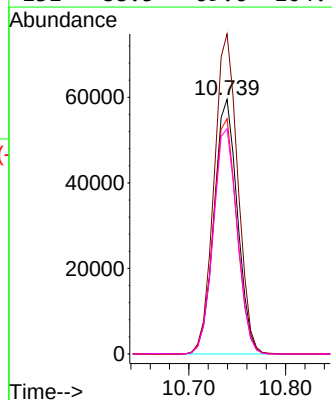
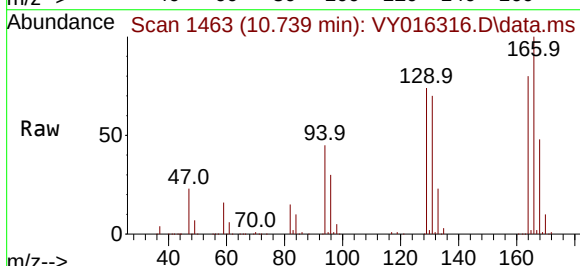
Ion Ratio Lower Upper

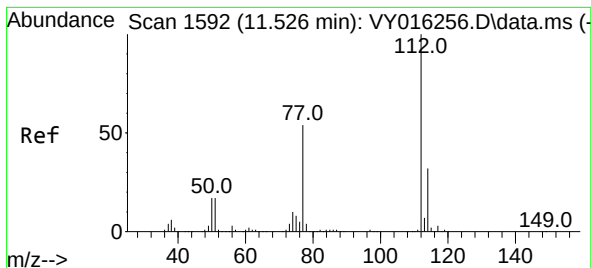
164 100

166 125.7 103.0 154.6

129 92.4 77.2 115.8

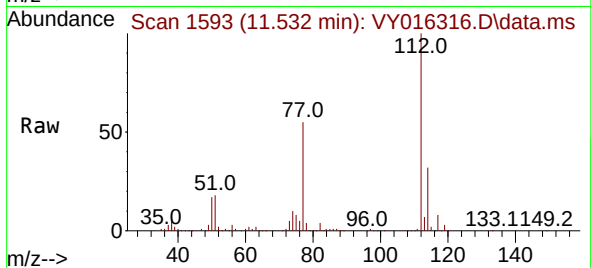
131 88.5 69.6 104.4





#65
Chlorobenzene
Concen: 48.920 ug/l
RT: 11.532 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016316.D
Acq: 13 Nov 2023 09:19

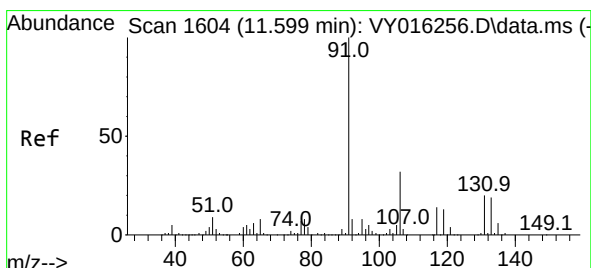
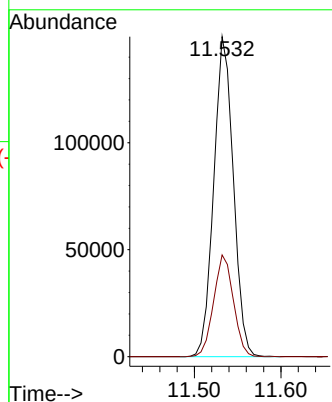
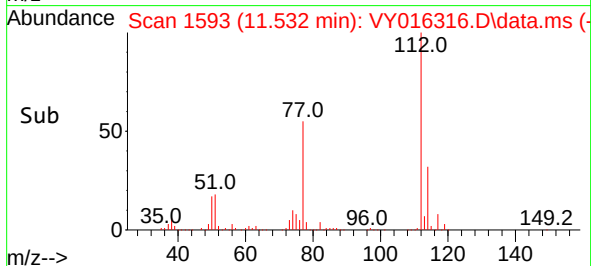
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



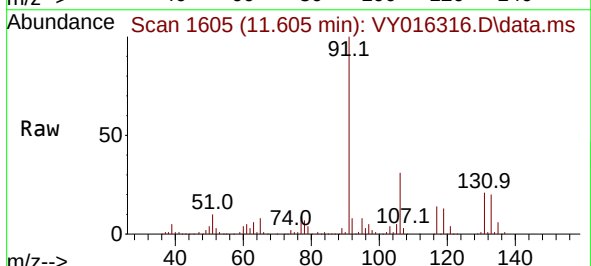
Tgt Ion:112 Resp: 235015
Ion Ratio Lower Upper
112 100
114 31.8 25.5 38.3

Manual Integrations
APPROVED

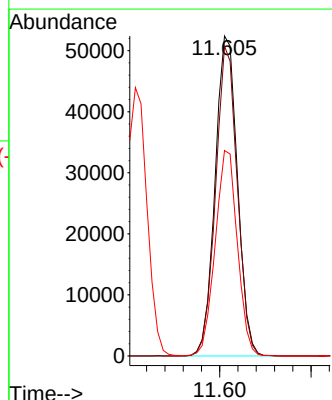
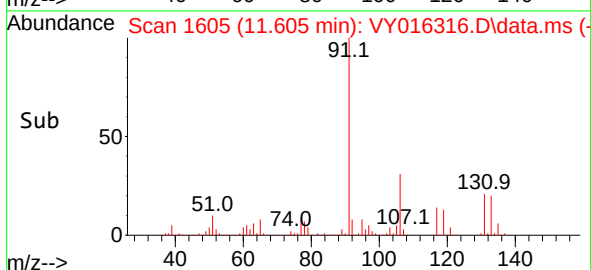
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

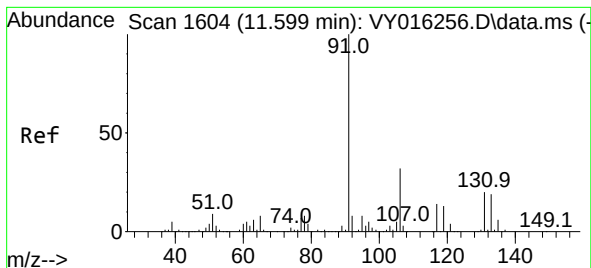


#66
1,1,1,2-Tetrachloroethane
Concen: 50.169 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.006 min
Lab File: VY016316.D
Acq: 13 Nov 2023 09:19



Tgt Ion:131 Resp: 88895
Ion Ratio Lower Upper
131 100
133 94.1 47.5 142.6
119 63.9 31.6 94.7





#67

Ethyl Benzene

Concen: 49.882 ug/l

RT: 11.611 min Scan# 1606

Delta R.T. 0.012 min

Lab File: VY016316.D

Acq: 13 Nov 2023 09:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 430664

Ion Ratio Lower Upper

91 100

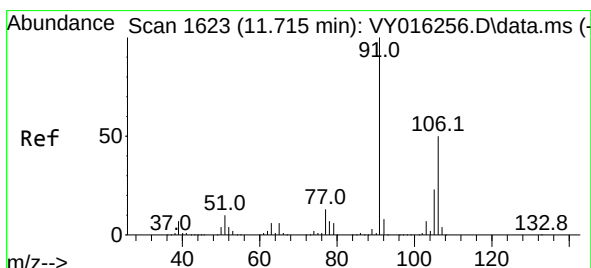
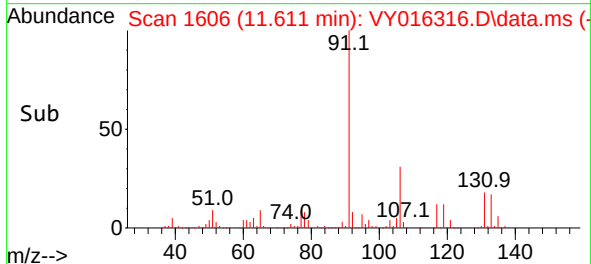
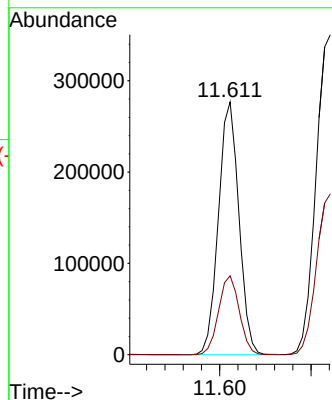
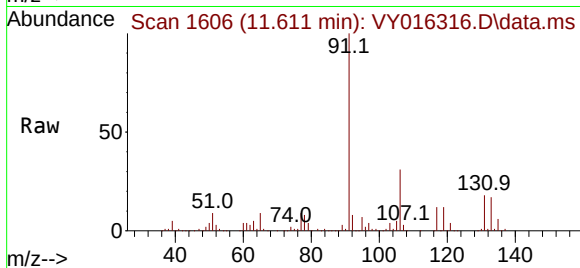
106 31.2 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023

Supervised By :Semsettin Yesilyurt 11/15/2023



#68

m/p-Xylenes

Concen: 99.607 ug/l

RT: 11.721 min Scan# 1624

Delta R.T. 0.006 min

Lab File: VY016316.D

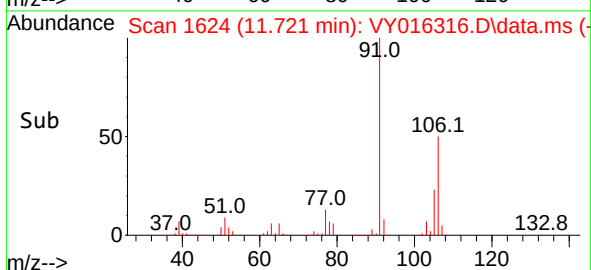
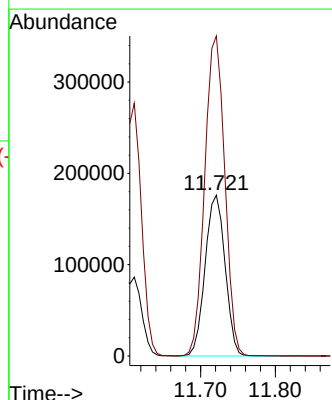
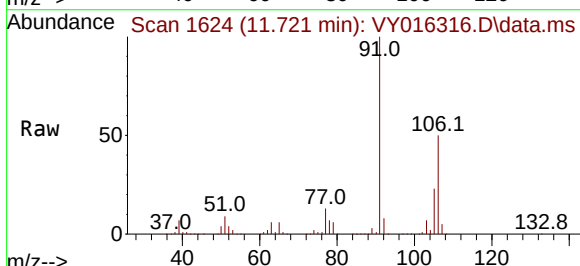
Acq: 13 Nov 2023 09:19

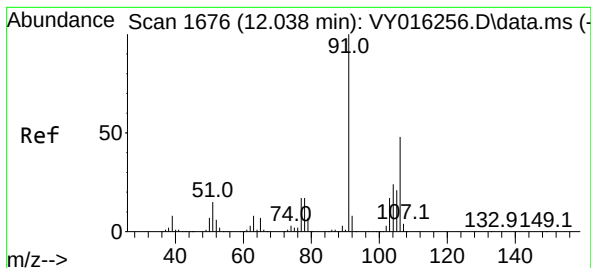
Tgt Ion:106 Resp: 326181

Ion Ratio Lower Upper

106 100

91 199.8 166.1 249.1





#69

o-Xylene

Concen: 49.835 ug/l

RT: 12.044 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016316.D

Acq: 13 Nov 2023 09:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:106 Resp: 151520

Ion Ratio Lower Upper

106 100

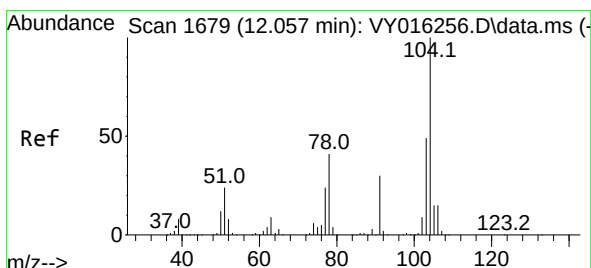
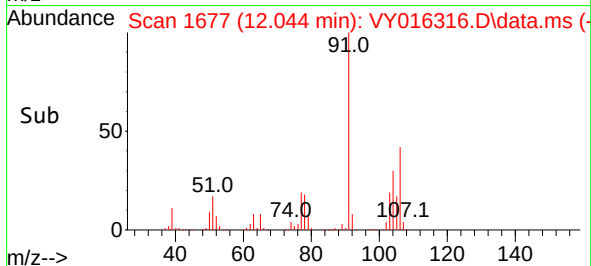
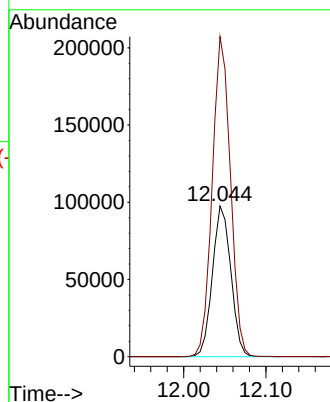
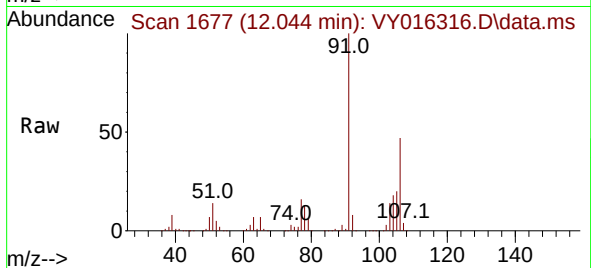
91 210.3 108.1 324.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023

Supervised By :Semsettin Yesilyurt 11/15/2023



#70

Styrene

Concen: 50.013 ug/l

RT: 12.062 min Scan# 1680

Delta R.T. 0.006 min

Lab File: VY016316.D

Acq: 13 Nov 2023 09:19

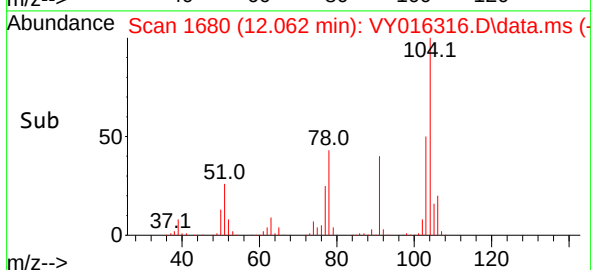
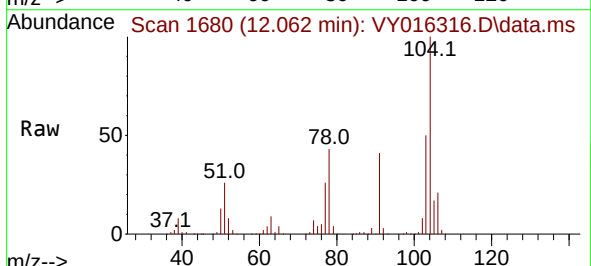
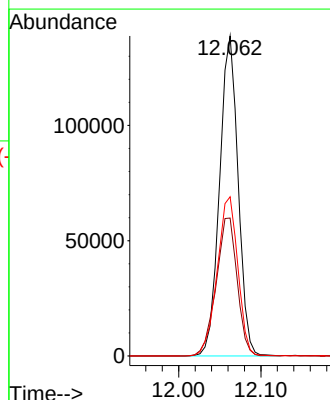
Tgt Ion:104 Resp: 217737

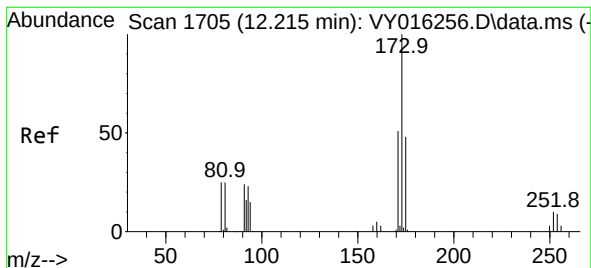
Ion Ratio Lower Upper

104 100

78 49.0 41.5 62.3

103 55.4 44.6 67.0





#71

Bromoform

Concen: 47.940 ug/l

RT: 12.227 min Scan# 1707

Delta R.T. 0.012 min

Lab File: VY016316.D

Acq: 13 Nov 2023 09:19

Instrument :

MSVOA_Y

ClientSampleId :

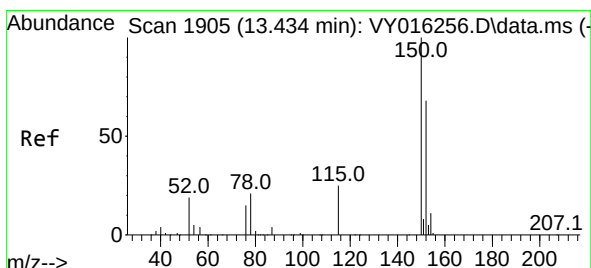
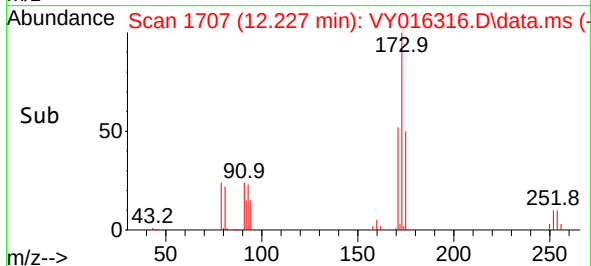
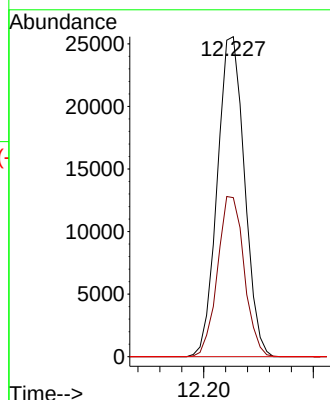
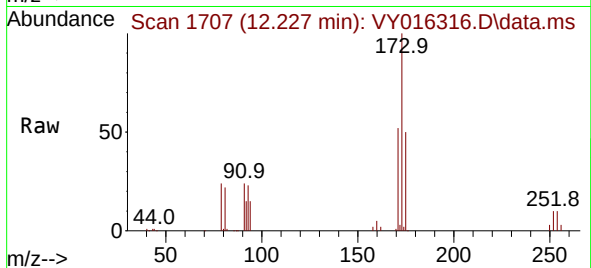
VSTDCCC050

Tgt Ion:	173	Resp:	4407
Ion Ratio	Lower	Upper	
173	100		
175	49.0	24.6	73.8
254	0.0	0.2	0.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

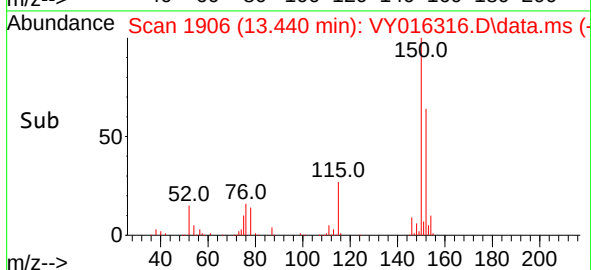
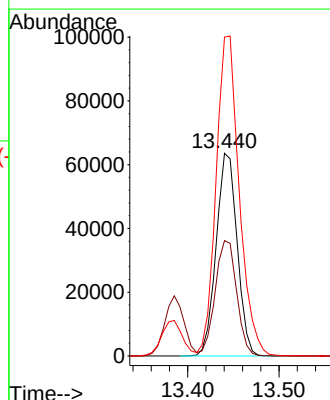
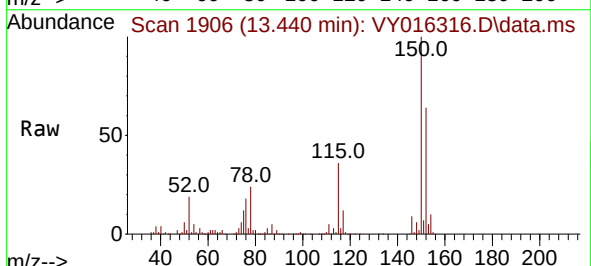
RT: 13.440 min Scan# 1906

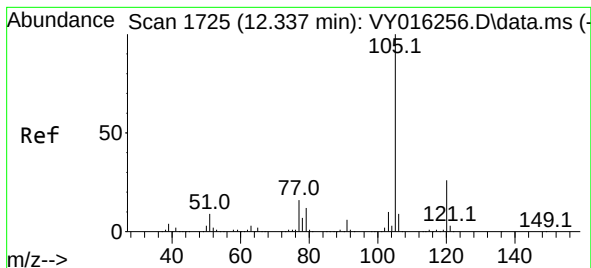
Delta R.T. 0.006 min

Lab File: VY016316.D

Acq: 13 Nov 2023 09:19

Tgt Ion:	152	Resp:	101383
Ion Ratio	Lower	Upper	
152	100		
115	58.4	28.8	86.5
150	174.4	0.0	348.8





#73

Isopropylbenzene

Concen: 50.836 ug/l

RT: 12.349 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016316.D

Acq: 13 Nov 2023 09:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 41735

Ion Ratio Lower Upper

105 100

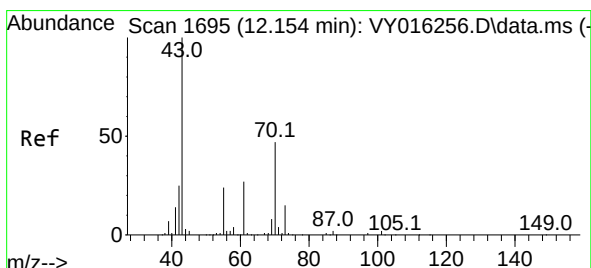
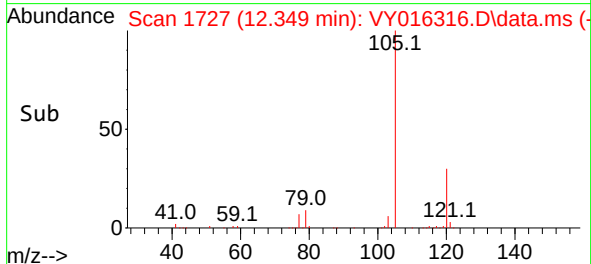
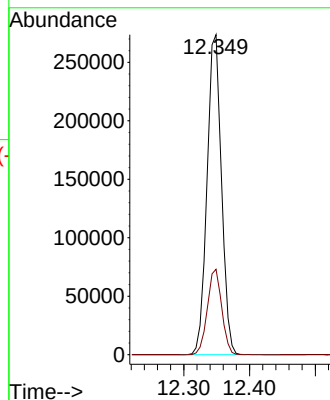
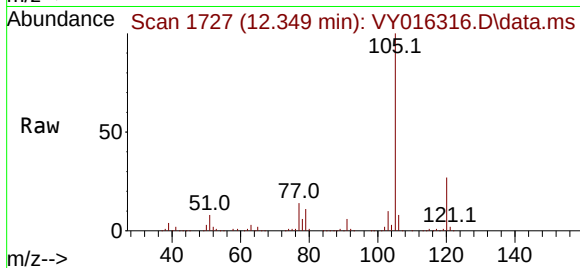
120 26.6 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023

Supervised By :Semsettin Yesilyurt 11/15/2023



#74

N-ethyl acetate

Concen: 43.709 ug/l

RT: 12.160 min Scan# 1696

Delta R.T. 0.006 min

Lab File: VY016316.D

Acq: 13 Nov 2023 09:19

Tgt Ion: 43 Resp: 72078

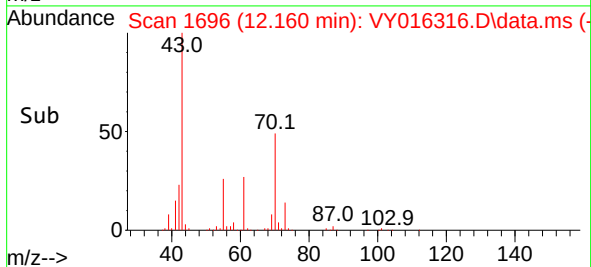
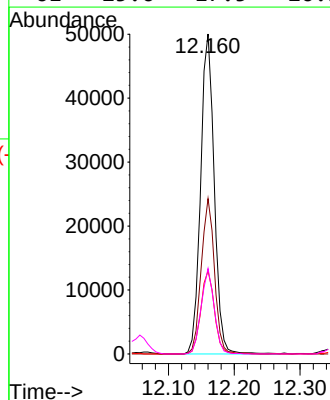
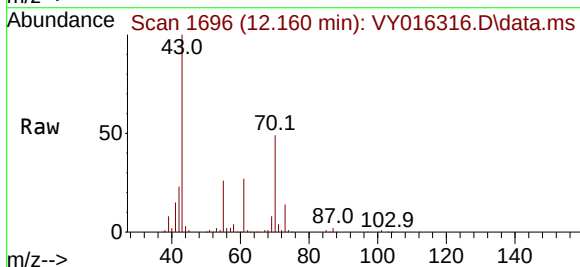
Ion Ratio Lower Upper

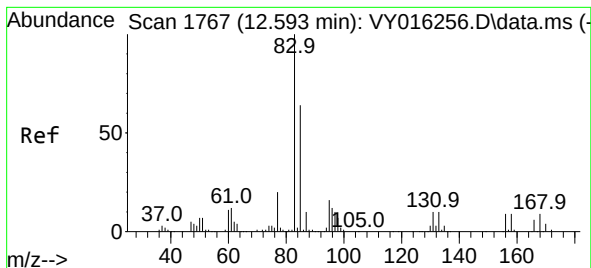
43 100

70 47.2 29.7 44.5#

55 25.9 18.3 27.5

61 25.6 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 46.332 ug/l

RT: 12.599 min Scan# 1768

Delta R.T. 0.006 min

Lab File: VY016316.D

Acq: 13 Nov 2023 09:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 61030

Ion Ratio Lower Upper

83 100

131 10.6 5.4 16.2

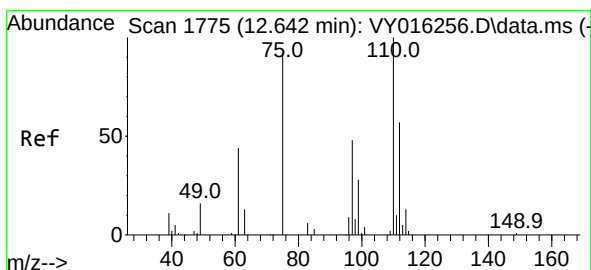
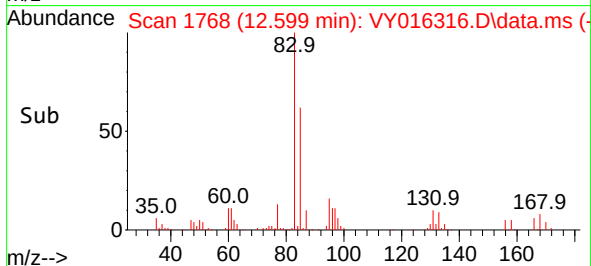
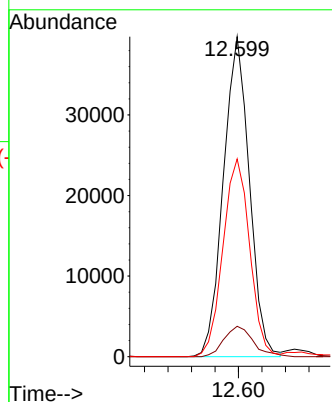
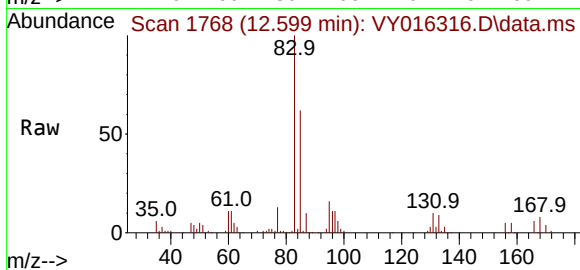
85 63.6 31.8 95.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023

Supervised By :Semsettin Yesilyurt 11/15/2023



#76

1,2,3-Trichloropropane

Concen: 45.005 ug/l m

RT: 12.648 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VY016316.D

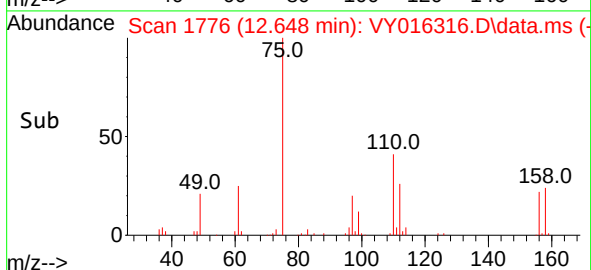
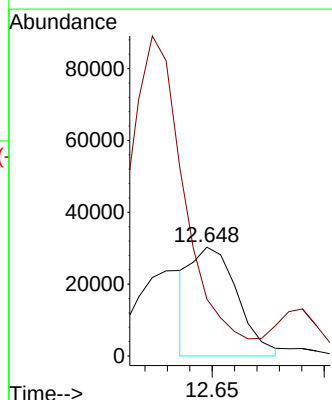
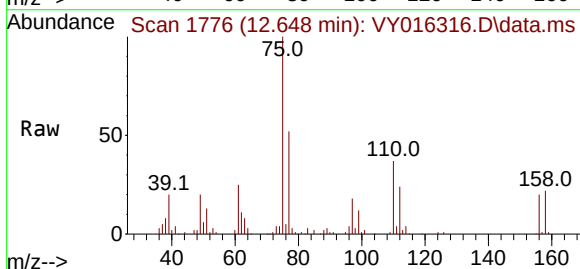
Acq: 13 Nov 2023 09:19

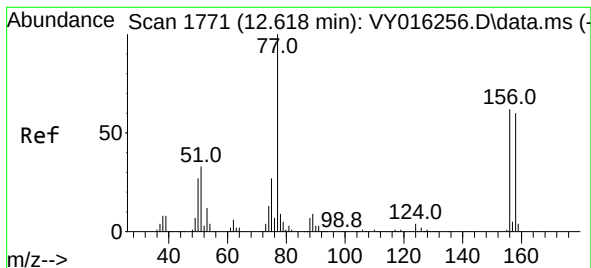
Tgt Ion: 75 Resp: 43770

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.671 ug/l

RT: 12.623 min Scan# 1772

Delta R.T. 0.006 min

Lab File: VY016316.D

Acq: 13 Nov 2023 09:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 90310

Ion Ratio Lower Upper

156 100

77 173.1 92.8 278.6

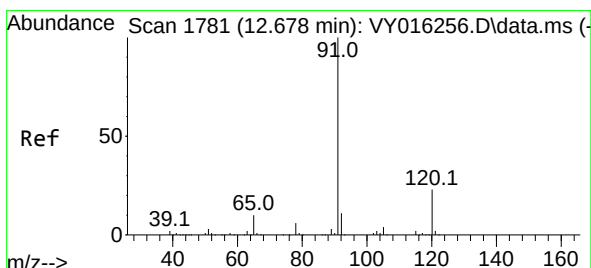
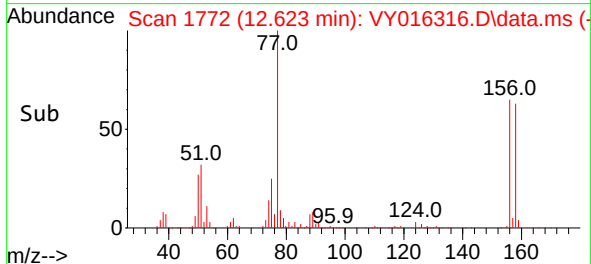
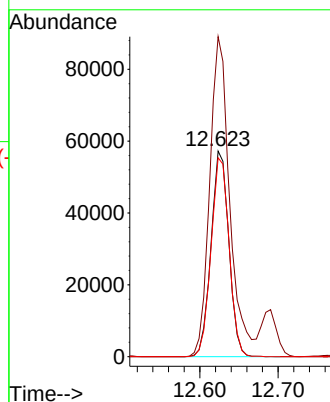
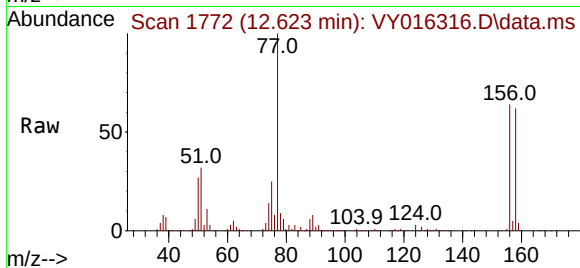
158 98.1 48.4 145.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023

Supervised By :Semsettin Yesilyurt 11/15/2023



#78

n-propylbenzene

Concen: 50.438 ug/l

RT: 12.690 min Scan# 1783

Delta R.T. 0.012 min

Lab File: VY016316.D

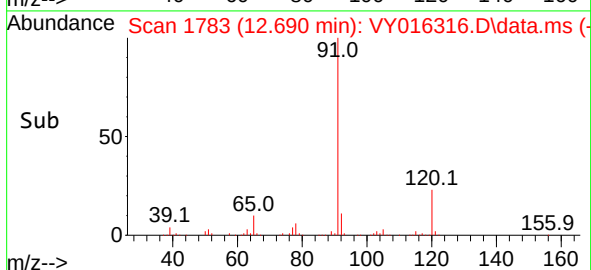
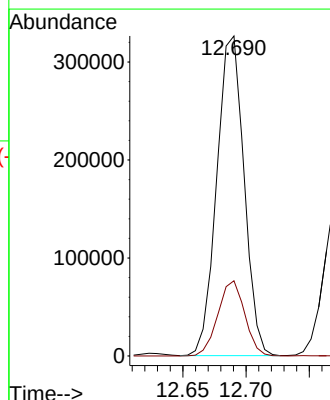
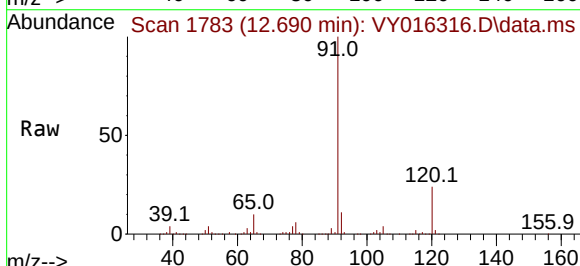
Acq: 13 Nov 2023 09:19

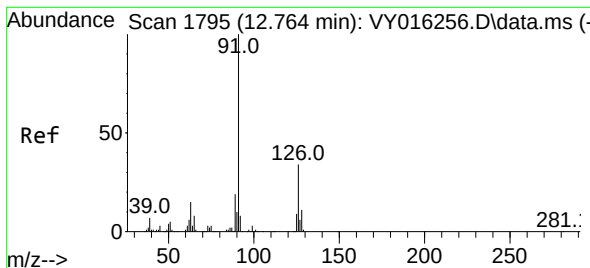
Tgt Ion: 91 Resp: 489363

Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.4





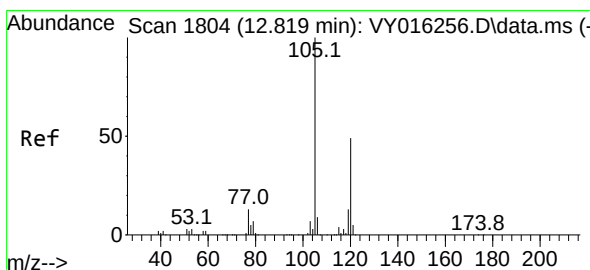
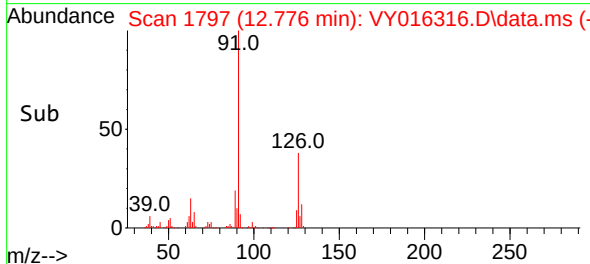
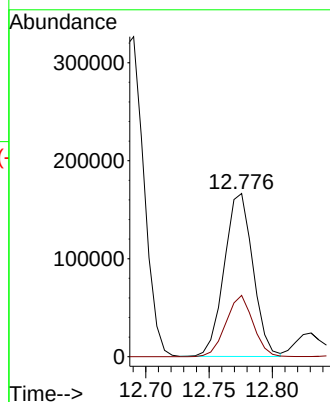
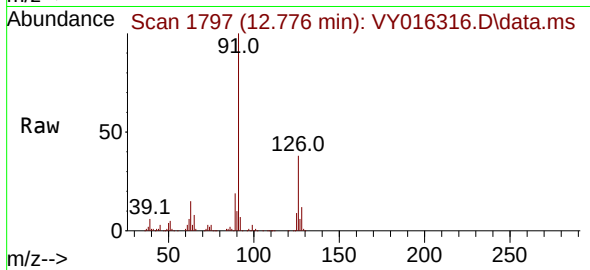
#79
2-Chlorotoluene
Concen: 49.121 ug/l
RT: 12.776 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016316.D
Acq: 13 Nov 2023 09:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 262644
Ion Ratio Lower Upper
91 100
126 35.6 17.3 51.7

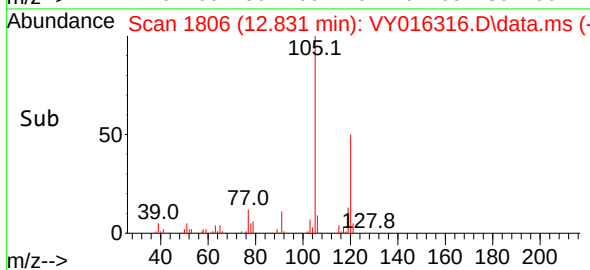
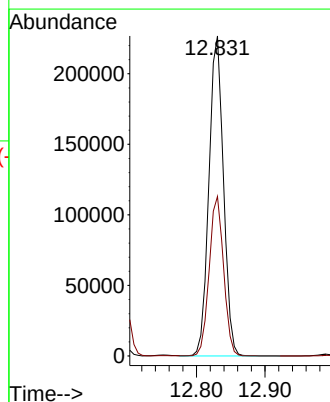
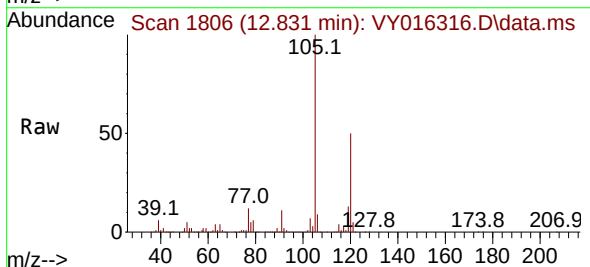
Manual Integrations
APPROVED

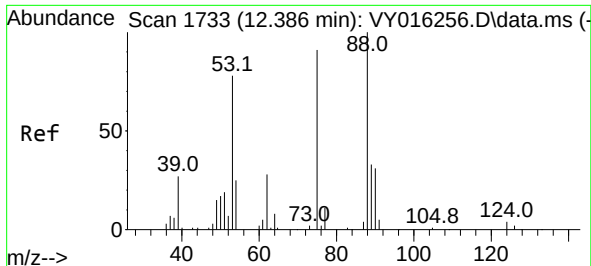
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#80
1,3,5-Trimethylbenzene
Concen: 50.522 ug/l
RT: 12.831 min Scan# 1806
Delta R.T. 0.012 min
Lab File: VY016316.D
Acq: 13 Nov 2023 09:19

Tgt Ion:105 Resp: 334411
Ion Ratio Lower Upper
105 100
120 49.4 23.9 71.7





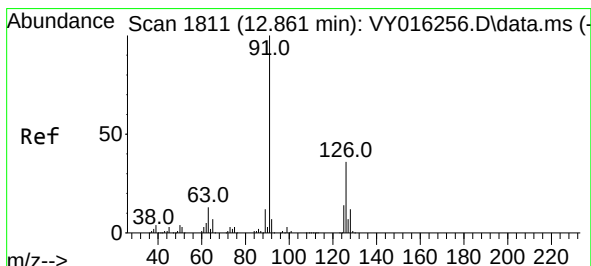
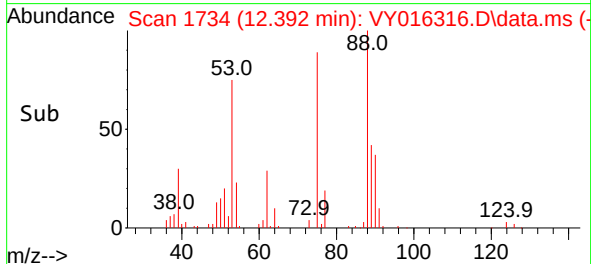
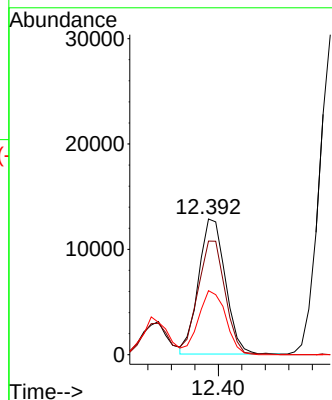
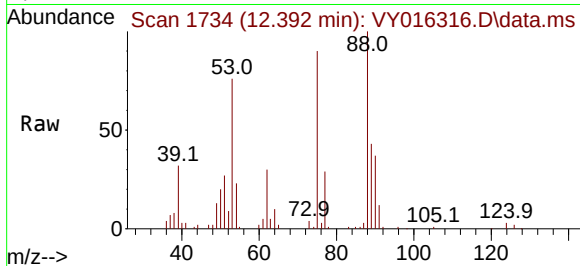
#81
trans-1,4-Dichloro-2-butene
Concen: 45.424 ug/l
RT: 12.392 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016316.D
Acq: 13 Nov 2023 09:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 2035
Ion Ratio Lower Upper
75 100
53 85.5 77.8 116.8
89 48.3 37.4 56.0

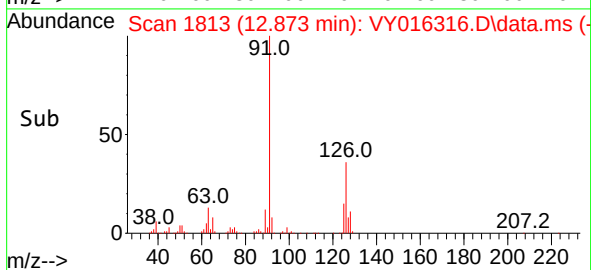
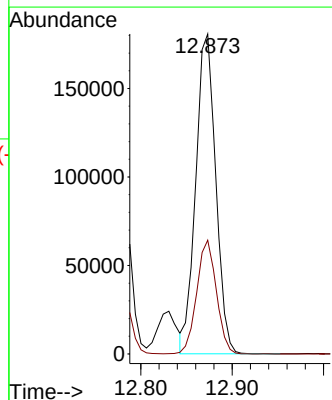
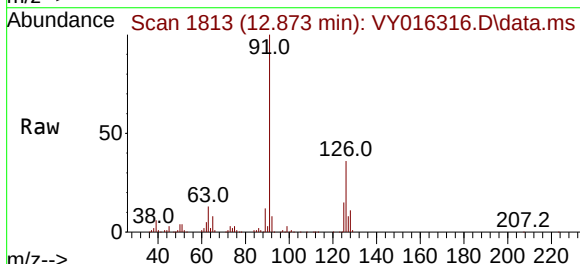
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APPROVED

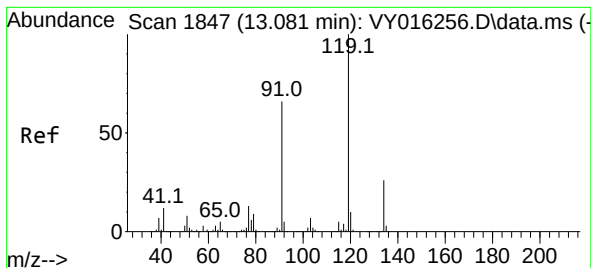
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#82
4-Chlorotoluene
Concen: 49.686 ug/l
RT: 12.873 min Scan# 1813
Delta R.T. 0.012 min
Lab File: VY016316.D
Acq: 13 Nov 2023 09:19

Tgt Ion: 91 Resp: 274515
Ion Ratio Lower Upper
91 100
126 35.0 17.2 51.6





#83

tert-Butylbenzene

Concen: 50.460 ug/l

RT: 13.093 min Scan# 1849

Delta R.T. 0.012 min

Lab File: VY016316.D

Acq: 13 Nov 2023 09:19

Instrument :

MSVOA_Y

ClientSampleId :

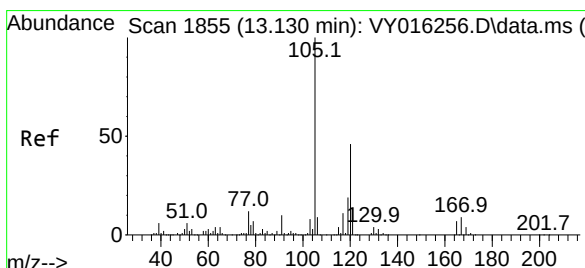
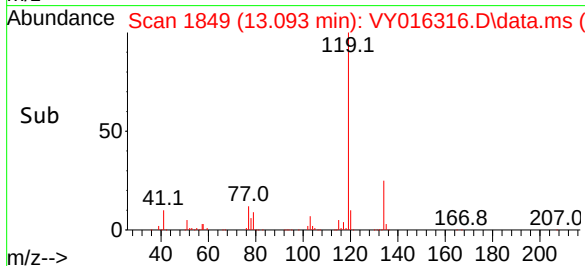
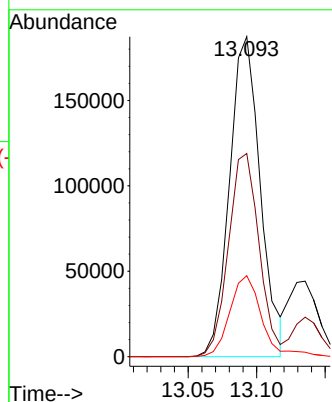
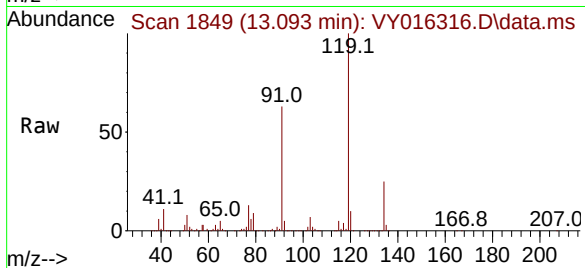
VSTDCCC050

Tgt Ion:	119	Resp:	29419
Ion Ratio	Lower	Upper	
119	100		
91	63.0	32.9	98.6
134	26.2	13.0	38.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#84

1,2,4-Trimethylbenzene

Concen: 49.709 ug/l

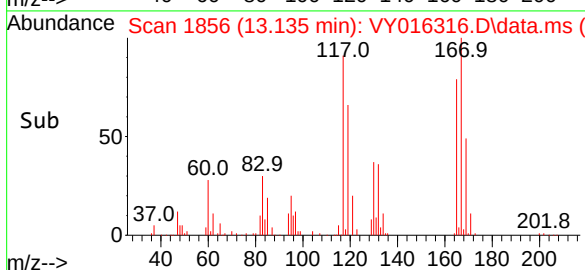
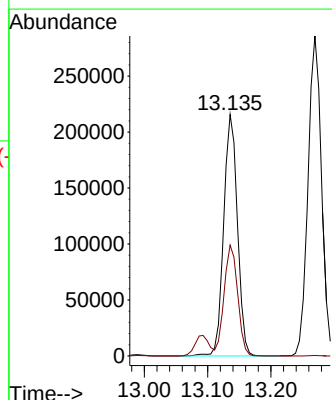
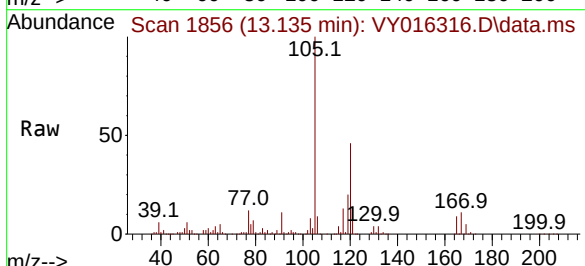
RT: 13.135 min Scan# 1856

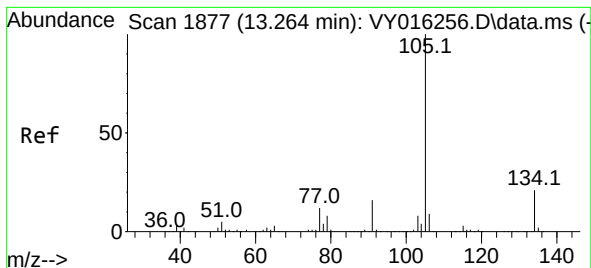
Delta R.T. 0.006 min

Lab File: VY016316.D

Acq: 13 Nov 2023 09:19

Tgt Ion:	105	Resp:	323979
Ion Ratio	Lower	Upper	
105	100		
120	45.2	22.2	66.6





#85

sec-Butylbenzene

Concen: 50.671 ug/l

RT: 13.270 min Scan# 1878

Delta R.T. 0.006 min

Lab File: VY016316.D

Acq: 13 Nov 2023 09:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 42205

Ion Ratio Lower Upper

105 100

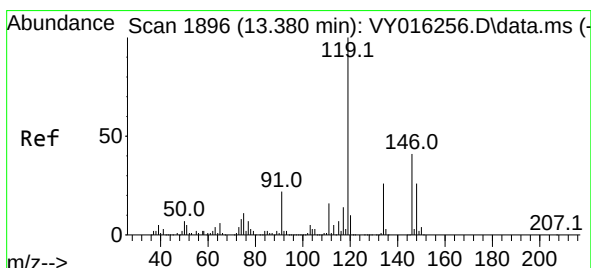
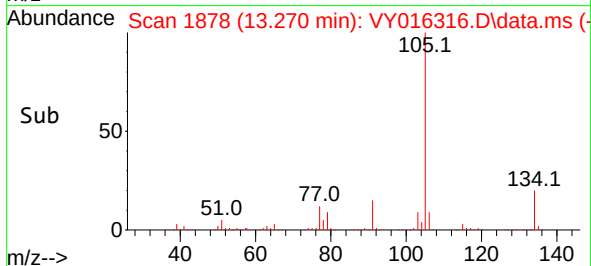
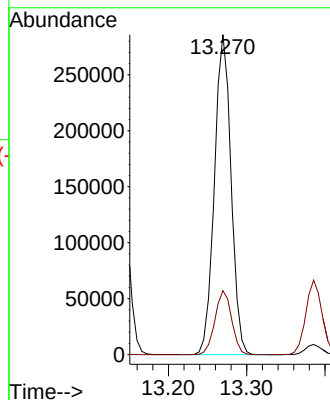
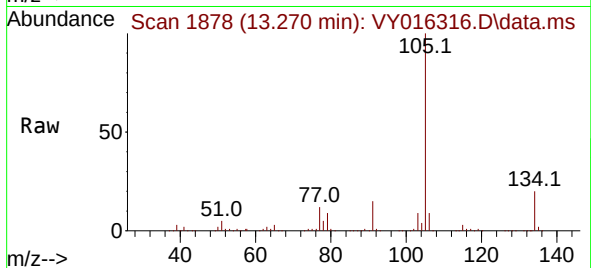
134 20.1 10.2 30.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023

Supervised By :Semsettin Yesilyurt 11/15/2023



#86

p-Isopropyltoluene

Concen: 50.666 ug/l

RT: 13.385 min Scan# 1897

Delta R.T. 0.006 min

Lab File: VY016316.D

Acq: 13 Nov 2023 09:19

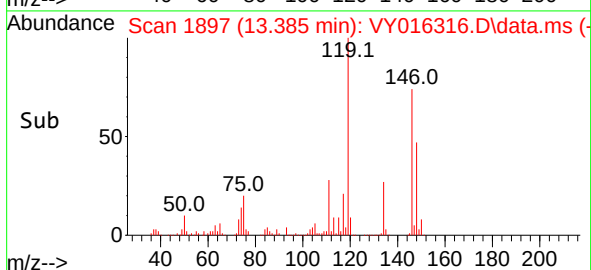
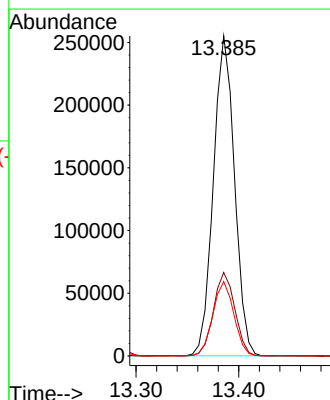
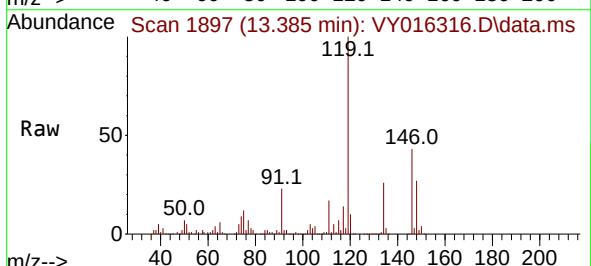
Tgt Ion:119 Resp: 363380

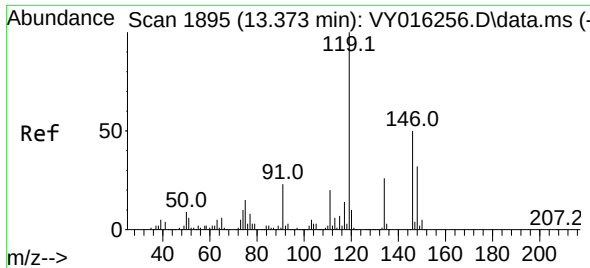
Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.8

91 23.1 12.4 37.4





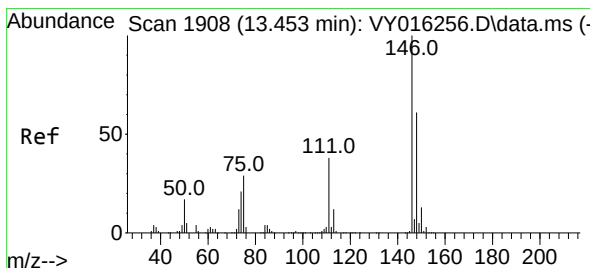
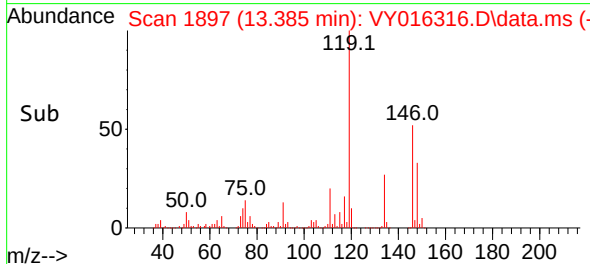
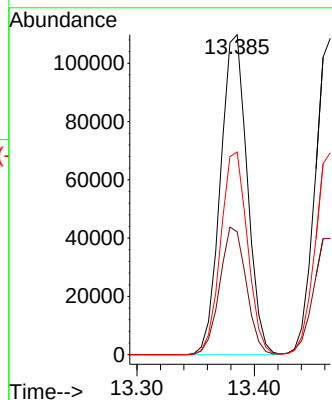
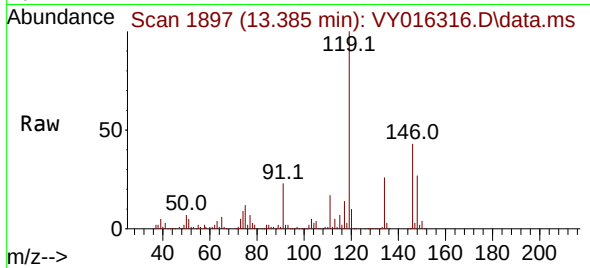
#87
1,3-Dichlorobenzene
Concen: 48.640 ug/l
RT: 13.385 min Scan# 1895
Delta R.T. 0.012 min
Lab File: VY016316.D
Acq: 13 Nov 2023 09:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 173634
Ion Ratio Lower Upper
146 100
111 39.6 19.4 58.2
148 63.4 31.9 95.5

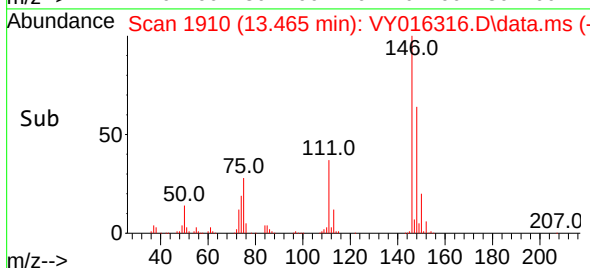
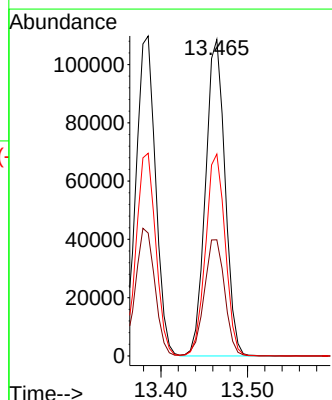
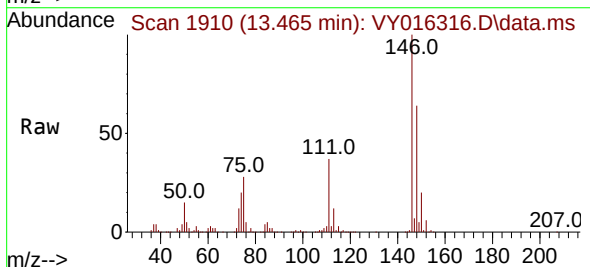
Manual Integrations
APPROVED

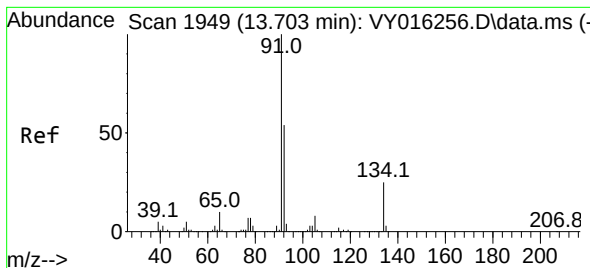
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#88
1,4-Dichlorobenzene
Concen: 48.627 ug/l
RT: 13.465 min Scan# 1910
Delta R.T. 0.012 min
Lab File: VY016316.D
Acq: 13 Nov 2023 09:19

Tgt Ion:146 Resp: 169648
Ion Ratio Lower Upper
146 100
111 38.6 18.9 56.7
148 64.3 32.1 96.5





#89

n-Butylbenzene

Concen: 51.052 ug/l

RT: 13.715 min Scan# 1949

Delta R.T. 0.012 min

Lab File: VY016316.D

Acq: 13 Nov 2023 09:19

Instrument :

MSVOA_Y

ClientSampleId :

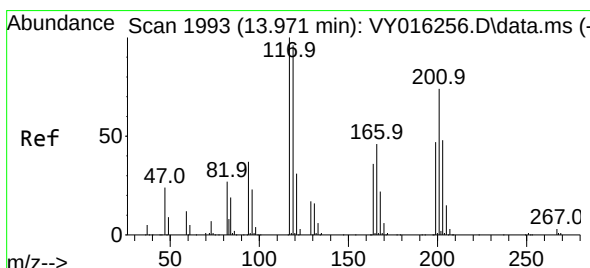
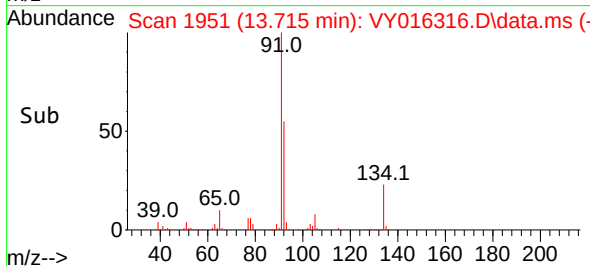
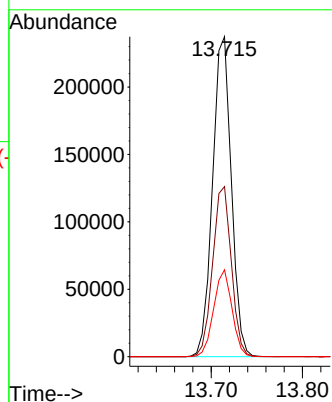
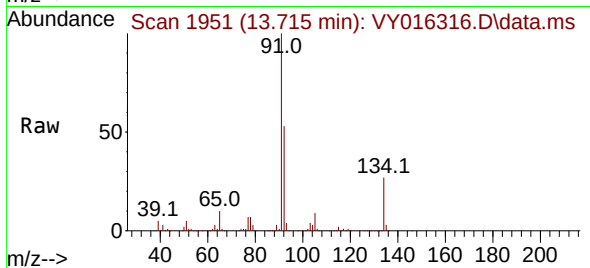
VSTDCCC050

Tgt Ion:	91	Resp:	338140
Ion Ratio	Lower	Upper	
91	100		
92	53.1	25.4	76.0
134	26.5	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#90

Hexachloroethane

Concen: 49.592 ug/l

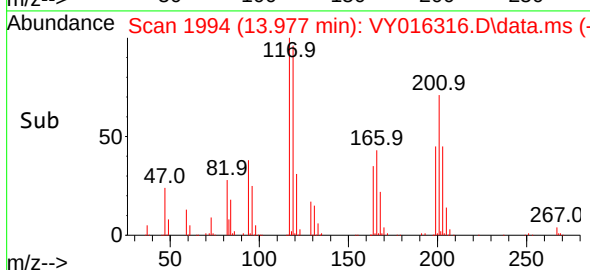
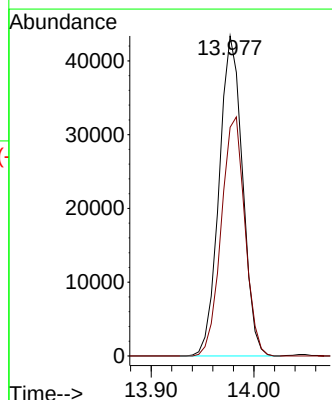
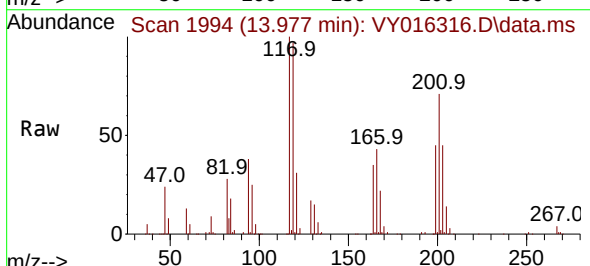
RT: 13.977 min Scan# 1994

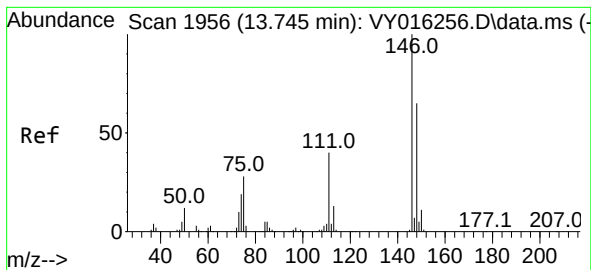
Delta R.T. 0.006 min

Lab File: VY016316.D

Acq: 13 Nov 2023 09:19

Tgt Ion:	117	Resp:	68611
Ion Ratio	Lower	Upper	
117	100		
201	75.2	41.6	124.8





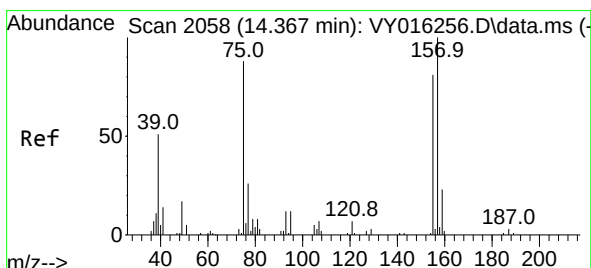
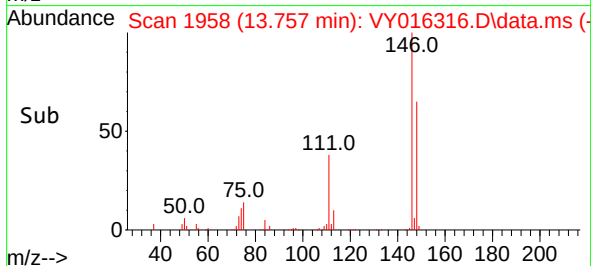
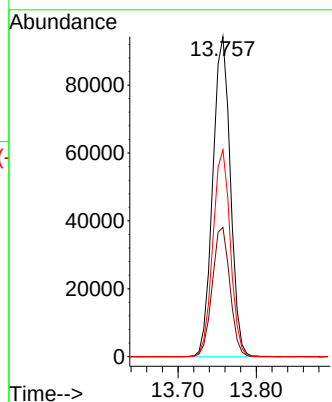
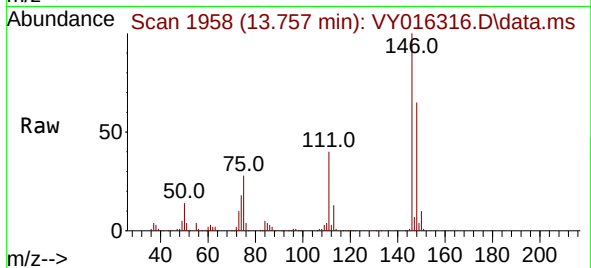
#91
1,2-Dichlorobenzene
Concen: 48.049 ug/l
RT: 13.757 min Scan# 1956
Delta R.T. 0.012 min
Lab File: VY016316.D
Acq: 13 Nov 2023 09:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 146980
Ion Ratio Lower Upper
146 100
111 40.6 19.7 59.0
148 64.1 32.0 96.2

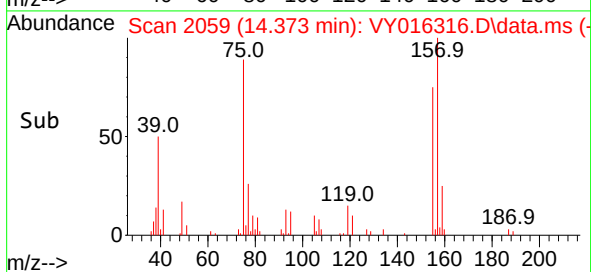
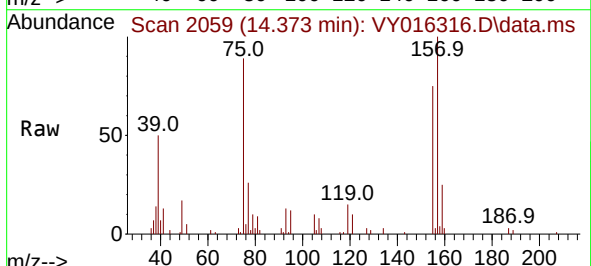
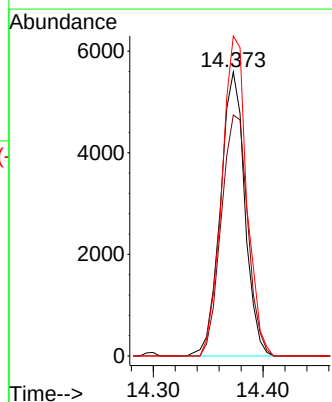
Manual Integrations
APPROVED

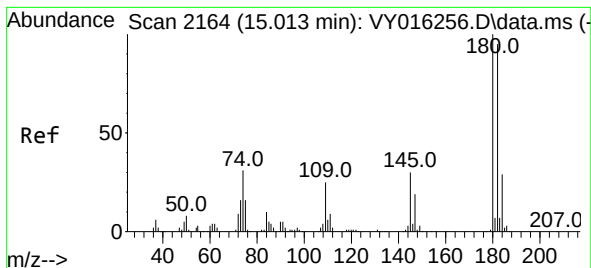
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 41.093 ug/l
RT: 14.373 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VY016316.D
Acq: 13 Nov 2023 09:19

Tgt Ion: 75 Resp: 8613
Ion Ratio Lower Upper
75 100
155 92.0 41.5 124.6
157 114.7 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 47.956 ug/l

RT: 15.025 min Scan# 2166

Delta R.T. 0.012 min

Lab File: VY016316.D

Acq: 13 Nov 2023 09:19

Instrument :

MSVOA_Y

ClientSampleId :

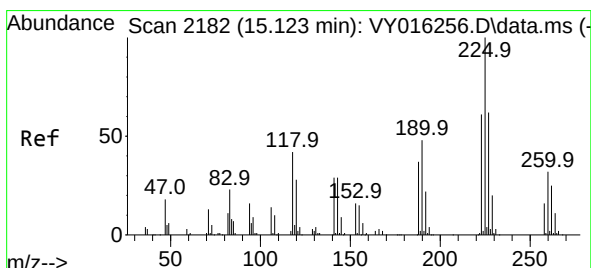
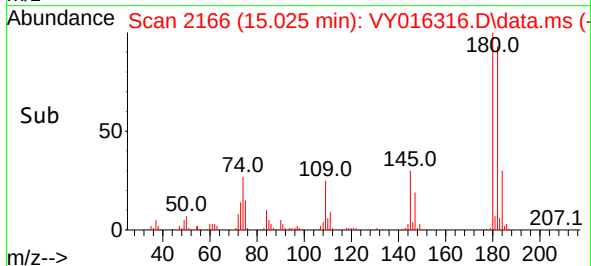
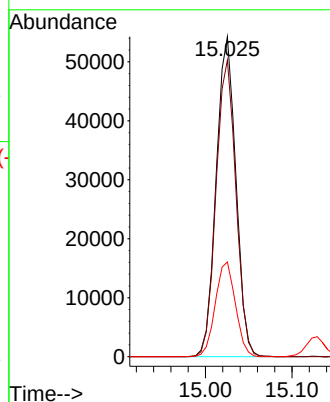
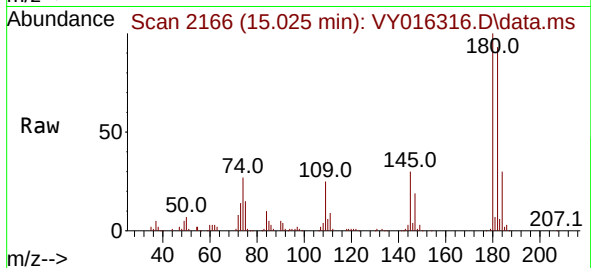
VSTDCCC050

Tgt Ion:	180	Resp:	8562
Ion Ratio	Lower	Upper	
180	100		
182	93.5	47.0	141.2
145	30.3	14.5	43.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#94

Hexachlorobutadiene

Concen: 50.197 ug/l

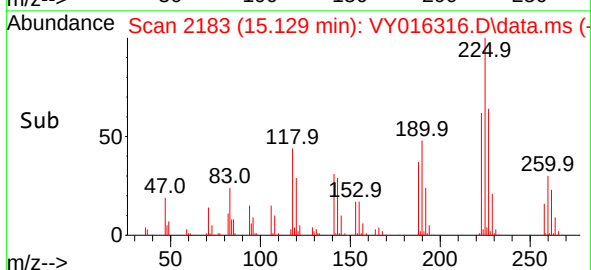
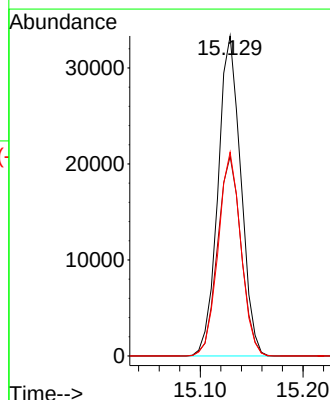
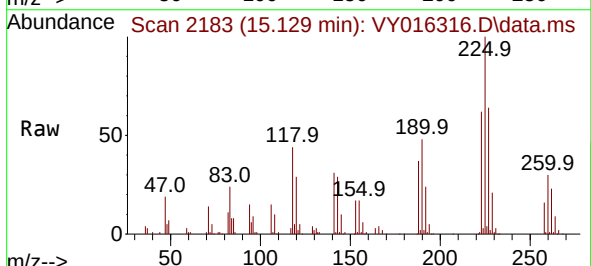
RT: 15.129 min Scan# 2183

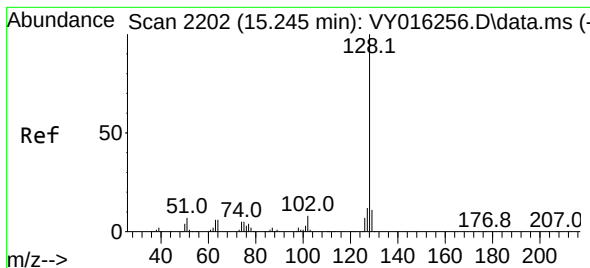
Delta R.T. 0.006 min

Lab File: VY016316.D

Acq: 13 Nov 2023 09:19

Tgt Ion:	225	Resp:	51348
Ion Ratio	Lower	Upper	
225	100		
223	64.1	31.9	95.9
227	63.0	33.0	98.9





#95

Naphthalene

Concen: 44.889 ug/l

RT: 15.257 min Scan# 2204

Delta R.T. 0.012 min

Lab File: VY016316.D

Acq: 13 Nov 2023 09:19

Instrument :

MSVOA_Y

ClientSampleId :

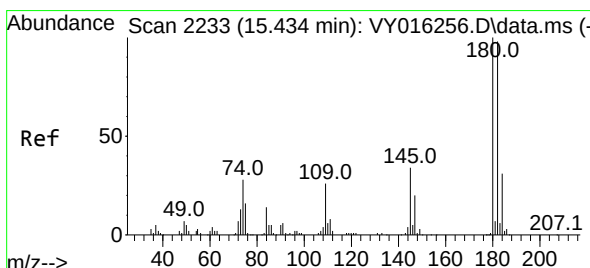
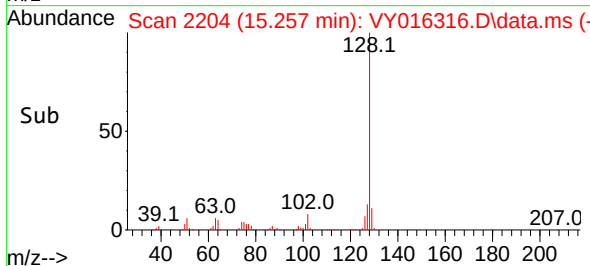
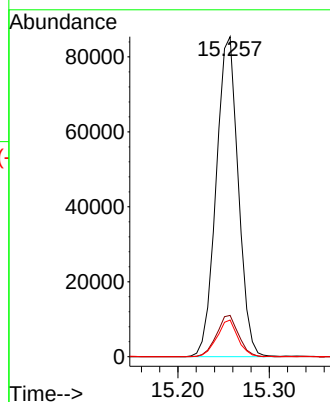
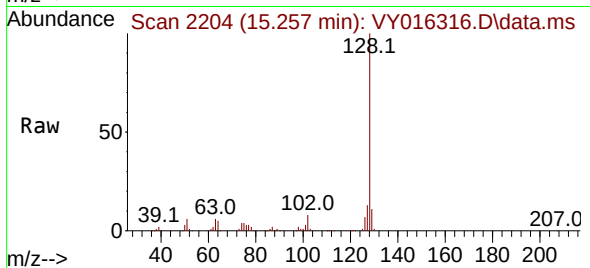
VSTDCCC050

Tgt Ion:	128	Resp:	143349
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.8	16.2
129	10.9	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#96

1,2,3-Trichlorobenzene

Concen: 46.211 ug/l

RT: 15.446 min Scan# 2235

Delta R.T. 0.012 min

Lab File: VY016316.D

Acq: 13 Nov 2023 09:19

Tgt Ion:	180	Resp:	68246
Ion Ratio	Lower	Upper	
180	100		
182	92.3	47.3	141.8
145	32.1	15.4	46.2

